LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.940	662	672	684	rBV2	418589	817217	1.20%	0.269%
2	7.104	694	700	708	rBV	301639	501506	0.74%	0.165%
3	7.304	727	734	745	rVB	445794	710217	1.04%	0.234%
4	7.769	804	813	822	rBV	595697	964427	1.42%	0.317%
5	8.010	842	854	862	rBV3	76182	179129	0.26%	0.059%
6	8.475	923	933	940	rBV	437895	746107	1.10%	0.245%
7	8.922	1001	1009	1018	rBV	377370	635102	0.93%	0.209%
8	9.639	1124	1131	1139	rBV	317052	519934	0.76%	0.171%
9	10.181	1213	1223	1238	rVB	502533	854926	1.26%	0.281%
10	10.345	1243	1251	1262	rBV	82106	163262	0.24%	0.054%
11	10.557	1279	1287	1294	rBV	781891	1303973	1.92%	0.429%
12	10.692	1304	1310	1317	rBV	116099	200298	0.29%	0.066%
13	10.781	1317	1325	1342	rBV	225921	660039	0.97%	0.217%
14	12.733	1651	1657	1667	rBV	224540	375334	0.55%	0.123%
15	12.892	1679	1684	1702	rVB	149574	326646	0.48%	0.107%
16	13.539	1784	1794	1810	rBV	465546	1017149	1.50%	0.334%
17	13.675	1812	1817	1824	rVV	145029	226252	0.33%	0.074%
18	13.816	1833	1841	1845	rBV	788278	1103432	1.62%	0.363%
19	13.863	1845	1849	1854	rVB	329370	446474	0.66%	0.147%
20	14.098	1879	1889	1900	rBV	951493	1454600	2.14%	0.478%
21	14.404	1930	1941	1949	rBV2	1181038	1961923	2.89%	0.645%
22	14.616	1971	1977	1981	rBV	279377	441191	0.65%	0.145%
23	14.669	1981	1986	1995	rVB3	193351	384204	0.57%	0.126%
24	14.874	2016	2021	2026	rVB2	270485	397725	0.59%	0.131%
25	15.398	2104	2110	2118	rBV	1217181	1673627	2.46%	0.550%
26	15.516	2125	2130	2138	rBV	279404	389508	0.57%	0.128%
27	15.798	2170	2178	2182	rVV2	1970887	3039061	4.47%	0.999%
28	15.839	2182	2185	2188	rVV	409297	544329	0.80%	0.179%
29	15.874	2188	2191	2195	rVV	282155	390760	0.57%	0.128%
30	15.921	2195	2199	2202	rVV	243348	341364	0.50%	0.112%
31	15.968	2202	2207	2211	rVV3	221829	397018	0.58%	0.131%
32	16.033	2212	2218	2225	rVV	7099865	10090388	14.84%	3.318%
33	16.121	2229	2233	2235	rVV2	98692	147814	0.22%	0.049%
34	16.151	2235	2238	2247	rVB3	161948	262205	0.39%	0.086%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

35	16.651	2318	2323	2329	rVB	463949	604983	0.89%	0.199%
36	16.768	2338	2343	2353	rVB3	87312	174513	0.26%	0.057%
37	16.868	2355	2360	2365	rBV	126176	175847	0.26%	0.058%
38	17.045	2384	2390	2399	rVB	855779	1207055	1.78%	0.397%
39	17.145	2399	2407	2416	rBV2	1235600	2026373	2.98%	0.666%
40	17.245	2416	2424	2432	rVV	1278705	2212029	3.25%	0.727%
41	17.351	2436	2442	2450	rVV	4767231	6818537	10.03%	2.242%
42	17.415	2450	2453	2457	rVV	126951	184562	0.27%	0.061%
43	17.492	2463	2466	2471	rVV3	118415	201423	0.30%	0.066%
44	17.545	2471	2475	2480	rVV3	169462	279285	0.41%	0.092%
45	17.610	2481	2486	2489	rVV	322515	477031	0.70%	0.157%
46	17.651	2489	2493	2506	rVV3	417545	834011	1.23%	0.274%
47	17.757	2508	2511	2516	rVV4	93557	158728	0.23%	0.052%
48	17.862	2525	2529	2536	rVV	240382	434549	0.64%	0.143%
49	18.045	2557	2560	2567	rVV	325288	483801	0.71%	0.159%
50	18.115	2568	2572	2578	rVB	149022	217557	0.32%	0.072%
51	18.268	2593	2598	2602	rVB	236275	312472	0.46%	0.103%
52	18.421	2620	2624	2632	rVB	378489	542866	0.80%	0.178%
53	18.498	2632	2637	2647	rVB3	189026	334172	0.49%	0.110%
54	18.733	2673	2677	2686	rVB2	139914	218415	0.32%	0.072%
55	19.004	2716	2723	2729	rBV	1235374	1651050	2.43%	0.543%
56	19.539	2809	2814	2821	rVB	1497280	2031589	2.99%	0.668%
57	19.792	2853	2857	2867	rBV	1001035	1290437	1.90%	0.424%
58	20.056	2898	2902	2905	rBV	419847	517321	0.76%	0.170%
59	20.092	2905	2908	2913	rVB	1817936	1944260	2.86%	0.639%
60	20.333	2946	2949	2953	rVB2	203808	220223	0.32%	0.072%
61	20.527	2979	2982	2986	rBV	131081	145695	0.21%	0.048%
62	20.586	2987	2992	2996	rVB	462615	623892	0.92%	0.205%
63	20.762	3019	3022	3027	rVB3	144941	173002	0.25%	0.057%
64	20.856	3032	3038	3040	rBV	1938925	2435622	3.58%	0.801%
65	20.880	3040	3042	3048	rVB	1563136	1668261	2.45%	0.549%
66	21.051	3065	3071	3079	rVB2	6857507	9415753	13.85%	3.096%
67	21.133	3081	3085	3092	rVB	1814350	2184063	3.21%	0.718%
68	21.239	3097	3103	3111	rBV2	811518	1279325	1.88%	0.421%
69	21.327	3114	3118	3126	rVV	1562160	2098066	3.09%	0.690%
70	21.486	3142	3145	3148	rBV	988065	1146449	1.69%	0.377%
71	21.527	3148	3152	3157	rVB	998776	1218554	1.79%	0.401%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	21.668	3172	3176	3178	rBV	697331	893971	1.32%	0.294%
73	21.703	3178	3182	3189	rVB	1236963	2096497	3.08%	0.689%
74	21.827	3199	3203	3210	rBV3	648292	980931	1.44%	0.323%
75	21.933	3215	3221	3232	rBV2	9968132	18962584	27.90%	6.235%
76	22.121	3251	3253	3257	rVB3	261815	301117	0.44%	0.099%
77	22.174	3258	3262	3265	rBV	752882	1229371	1.81%	0.404%
78	22.256	3271	3276	3283	rBV	3009818	4423396	6.51%	1.454%
79	22.327	3284	3288	3294	rVB	961809	1324855	1.95%	0.436%
80	22.392	3295	3299	3301	rBV	524853	740917	1.09%	0.244%
81	22.415	3301	3303	3309	rVB	617627	902877	1.33%	0.297%
82	22.562	3324	3328	3334	rBV4	735800	1369522	2.01%	0.450%
83	22.615	3334	3337	3341	rVV	1211551	1679053	2.47%	0.552%
84	22.668	3341	3346	3356	rVB	2141331	3392855	4.99%	1.116%
85	22.903	3380	3386	3390	rBV	4802674	8129278	11.96%	2.673%
86	22.950	3390	3394	3399	rVV	7238883	11748770	17.28%	3.863%
87	22.997	3399	3402	3407	rVB	1249758	1910016	2.81%	0.628%
88	23.439	3472	3477	3487	rVB	1152320	2285931	3.36%	0.752%
89	23.580	3497	3501	3514	rVB2	1368049	2768242	4.07%	0.910%
90	23.786	3533	3536	3545	rVB	492752	819742	1.21%	0.270%
91	24.127	3589	3594	3601	rVB	1011979	1934617	2.85%	0.636%
92	24.215	3602	3609	3617	rVV	3078164	6301170	9.27%	2.072%
93	24.791	3702	3707	3716	rVB	790897	1705630	2.51%	0.561%
94	26.709	4021	4033	4047	rBV2	4428668	15636454	23.00%	5.141%
95	26.897	4052	4065	4080	rVB	7801065	27324482	40.20%	8.984%
96	27.097	4091	4099	4116	rVB2	1178732	3653829	5.38%	1.201%
97	27.268	4120	4128	4149	rVB6	1530604	6806047	10.01%	2.238%
98	27.679	4178	4198	4214	rVB3	13521825	67971950	100.00%	22.349%
99	28.015	4241	4255	4264	rBV2	4901201	18713800	27.53%	6.153%
100	28.291	4292	4302	4316	rVB2	1747213	6526908	9.60%	2.146%

Sum of corrected areas: 304143724

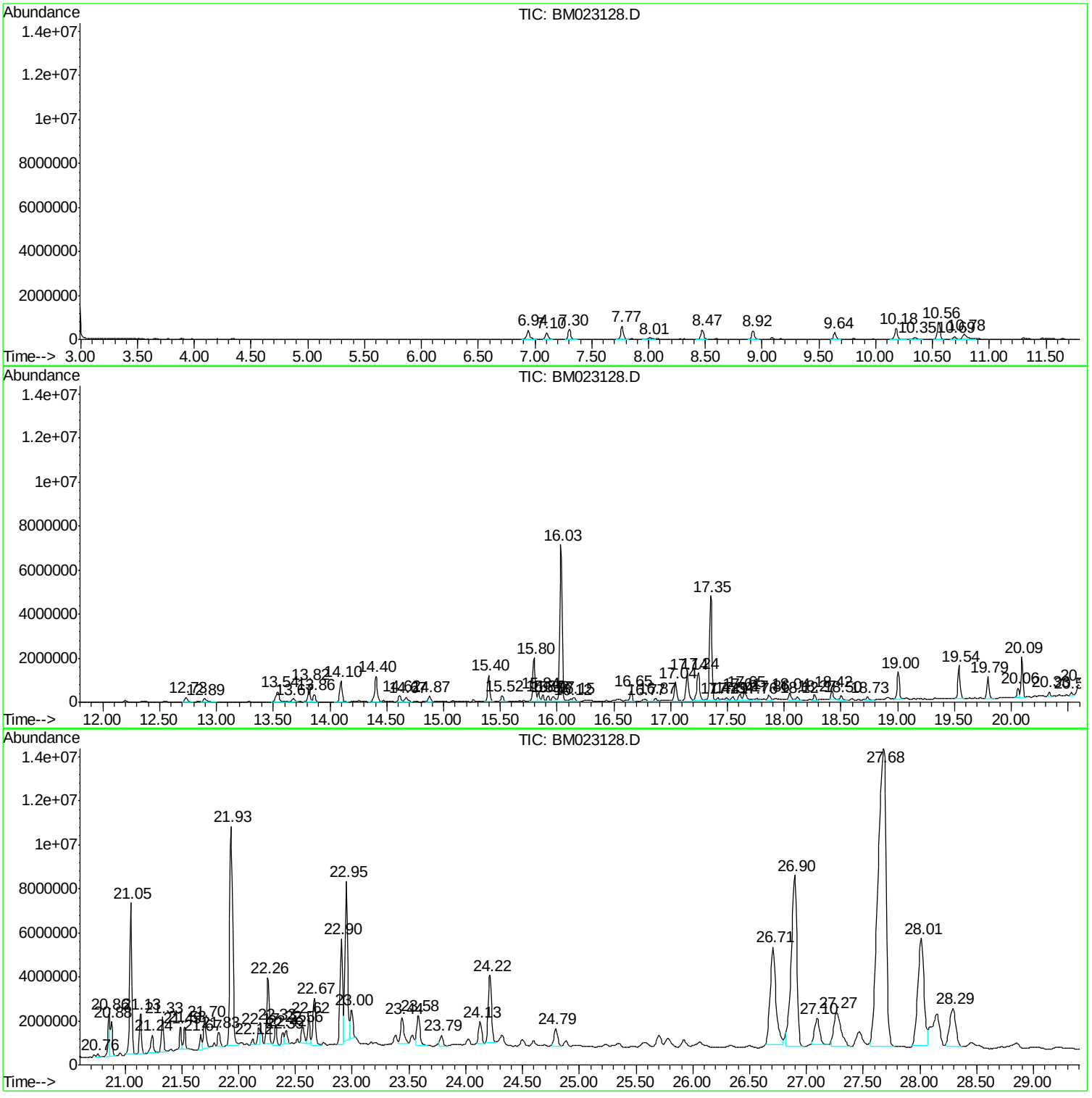
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

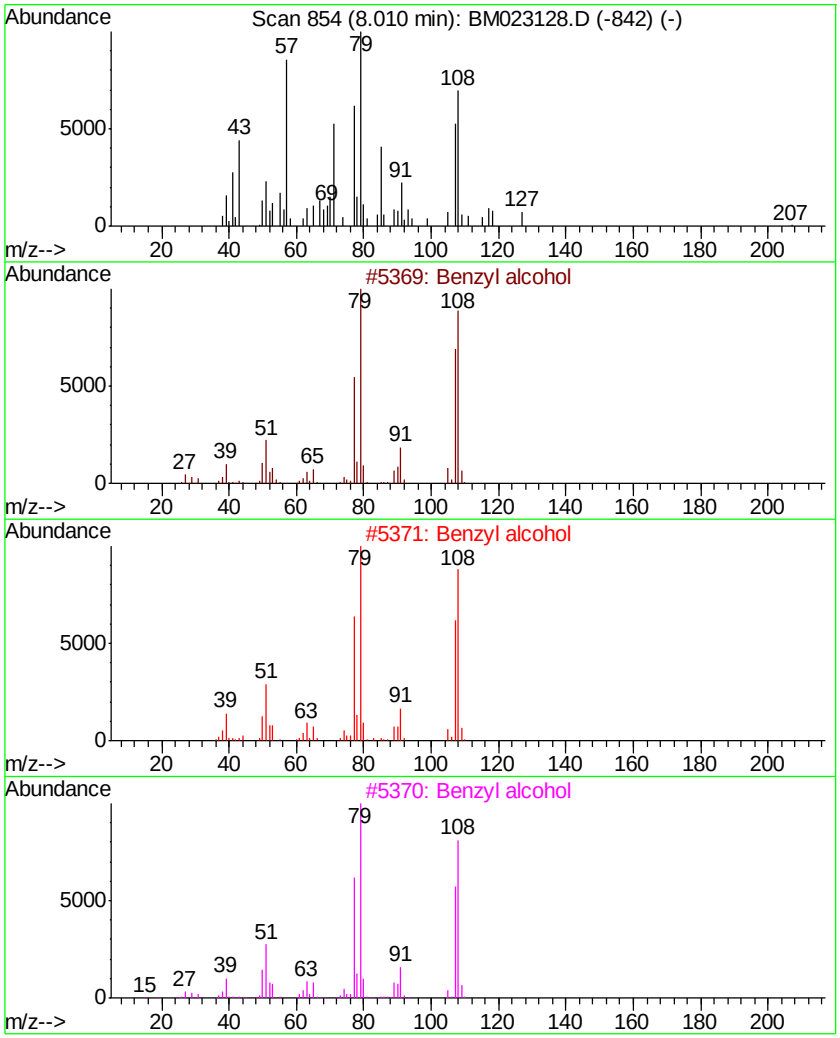
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

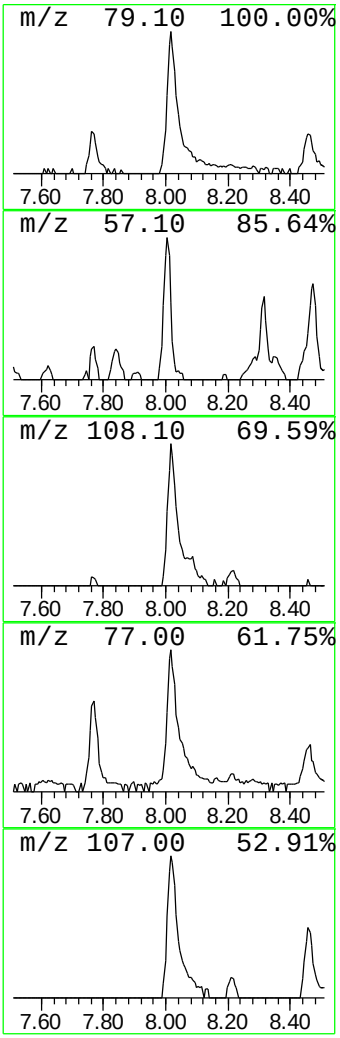
****

Peak Number 1 Benzyl alcohol Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	3.71 ng/ul	179129	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl alcohol	108	C7H8O	000100-51-6	83
2	Benzyl alcohol	108	C7H8O	000100-51-6	83
3	Benzyl alcohol	108	C7H8O	000100-51-6	83
4	Benzyl alcohol	108	C7H8O	000100-51-6	83
5	N-Cbz-glycylglycine p-nitropheny...	387	C18H17N3O7	013574-81-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

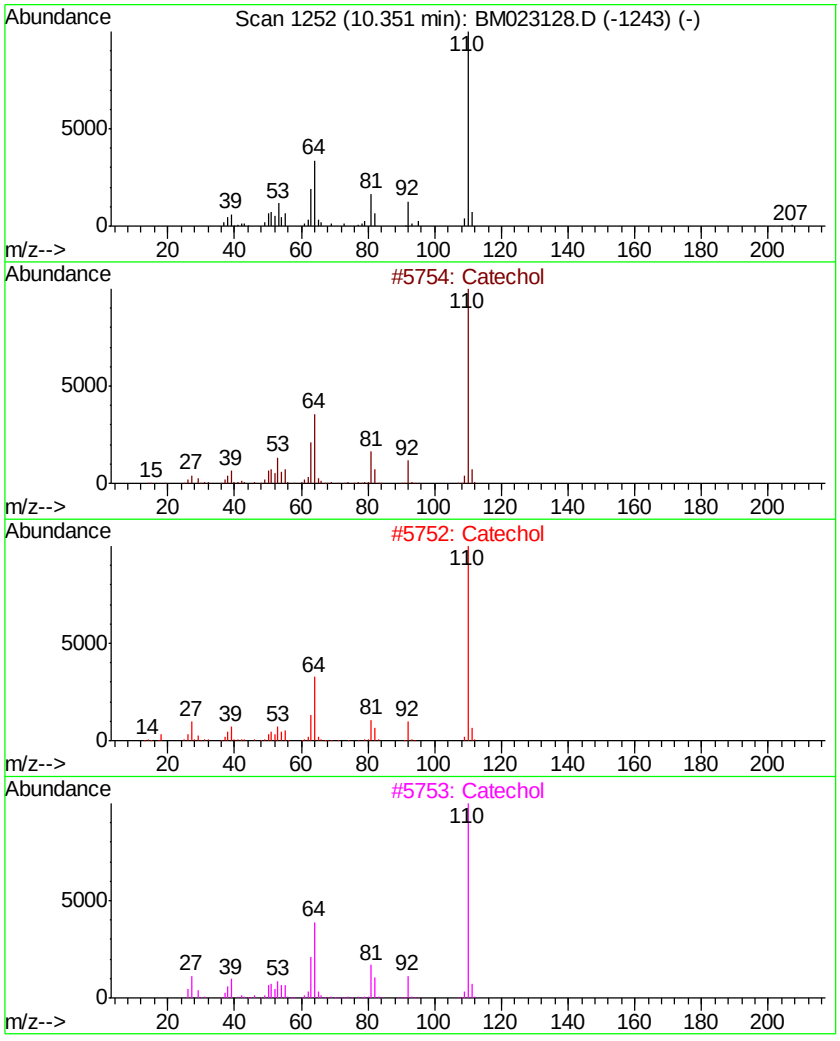
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

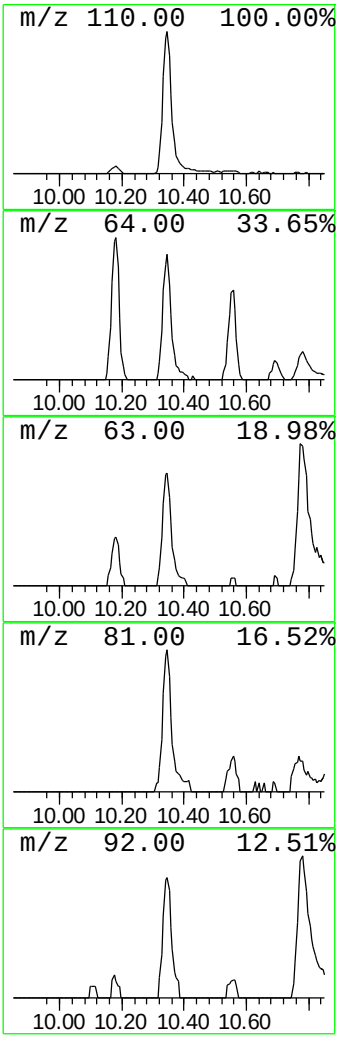
****

Peak Number 2 Catechol Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	2.50 ng/ul	163262	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Catechol	110	C6H6O2	000120-80-9	96
2	Catechol	110	C6H6O2	000120-80-9	91
3	Catechol	110	C6H6O2	000120-80-9	91
4	Resorcinol	110	C6H6O2	000108-46-3	64
5	Resorcinol	110	C6H6O2	000108-46-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

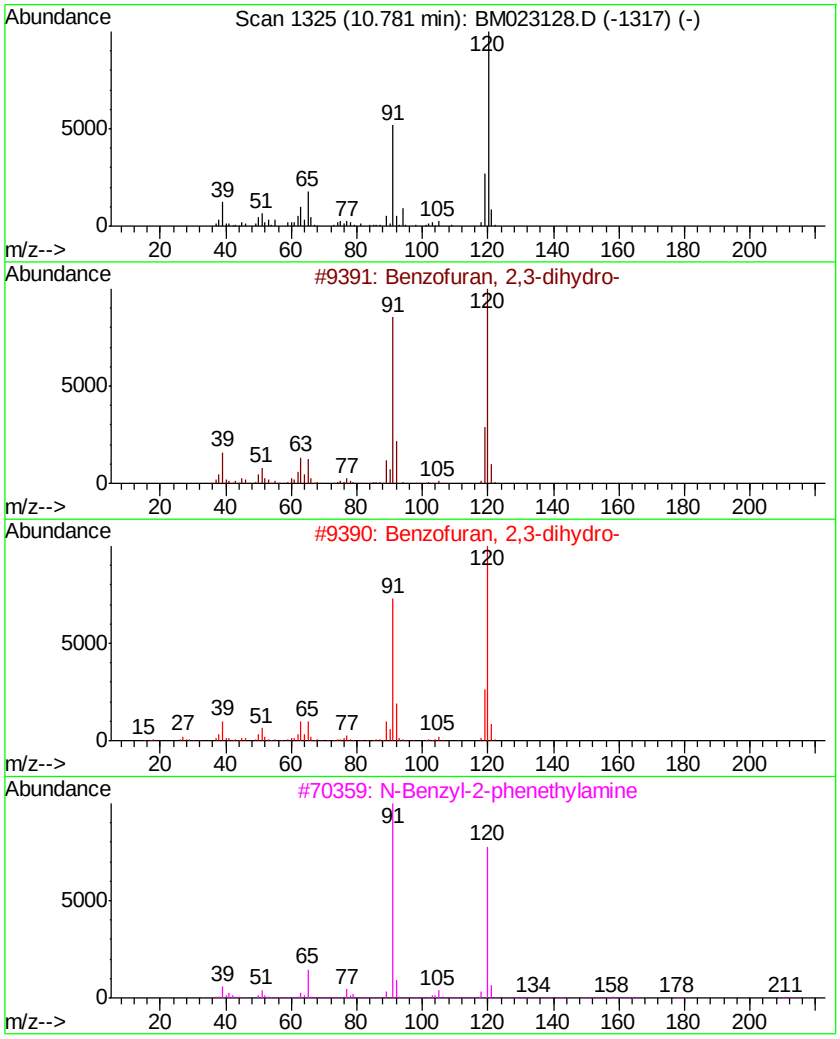
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

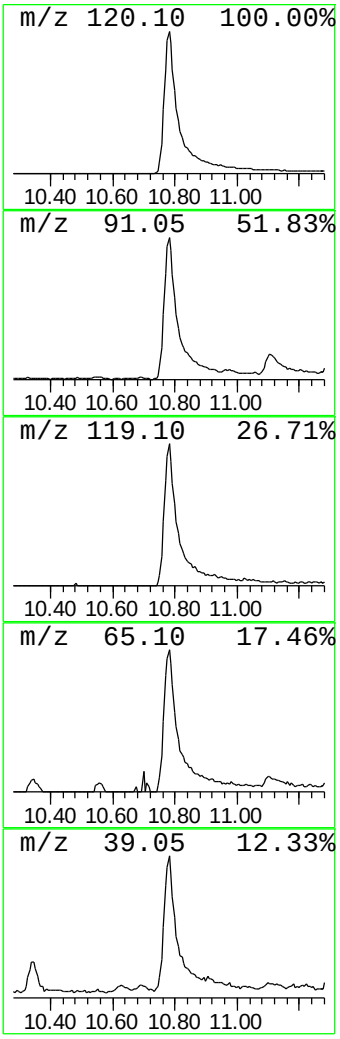
****

Peak Number 3 Benzofuran, 2,3-dihydro- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	10.12 ng/ul	660039	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	83
2	Benzofuran, 2,3-dihydro-	120	C8H8O	000496-16-2	80
3	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
4	Catecholborane	120	C6H5BO2	000274-07-7	52
5	Benzene, 1-ethynyl-4-fluoro-	120	C8H5F	000766-98-3	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

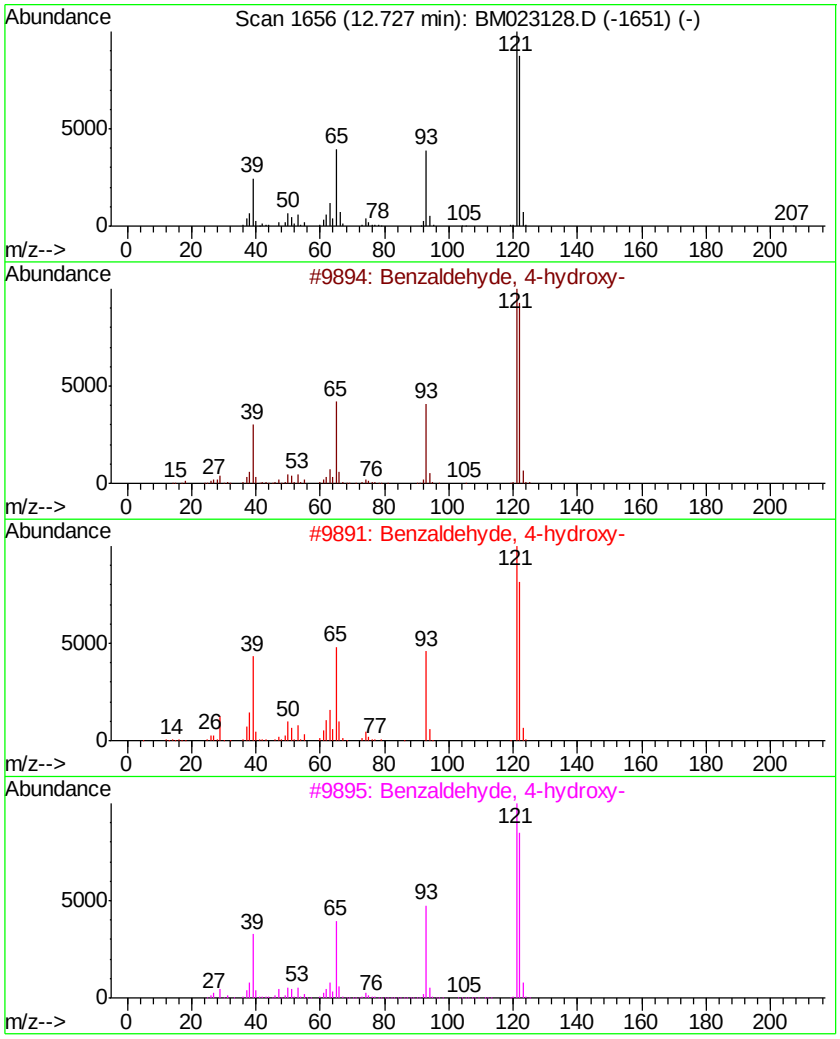
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

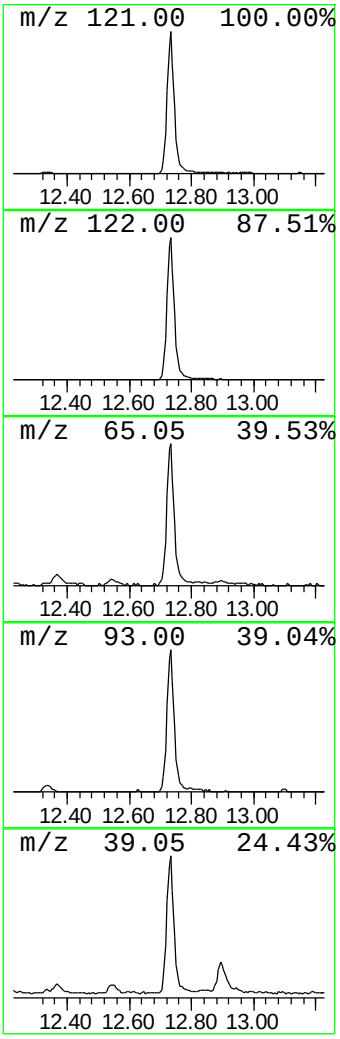
****

Peak Number 4 Benzaldehyde, 4-hydroxy- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.83 ng/ul	375334	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	96
2	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	94
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	94
4	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	91
5	Propanoic acid, 3-chloro-, 4-for...	212	C10H9ClO3	1000142-41-5	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

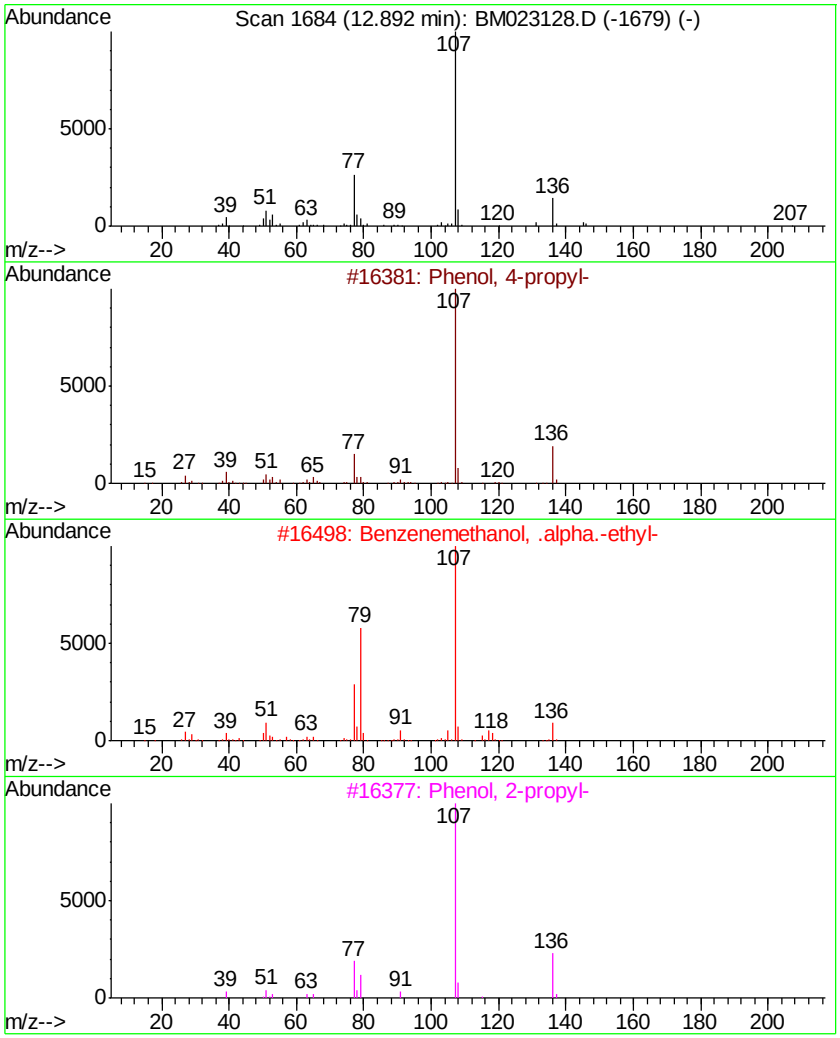
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

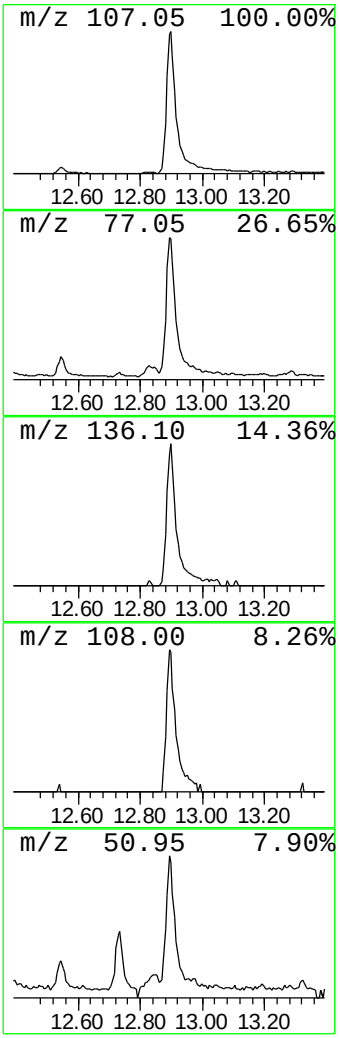
****

Peak Number 5 Phenol, 4-propyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	3.33 ng/ul	326646	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-propyl-	136	C9H12O	000645-56-7	86
2	Benzenemethanol, .alpha.-ethyl-	136	C9H12O	000093-54-9	86
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	78
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	72
5	Benzeneethanol, 4-hydroxy-	138	C8H10O2	000501-94-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

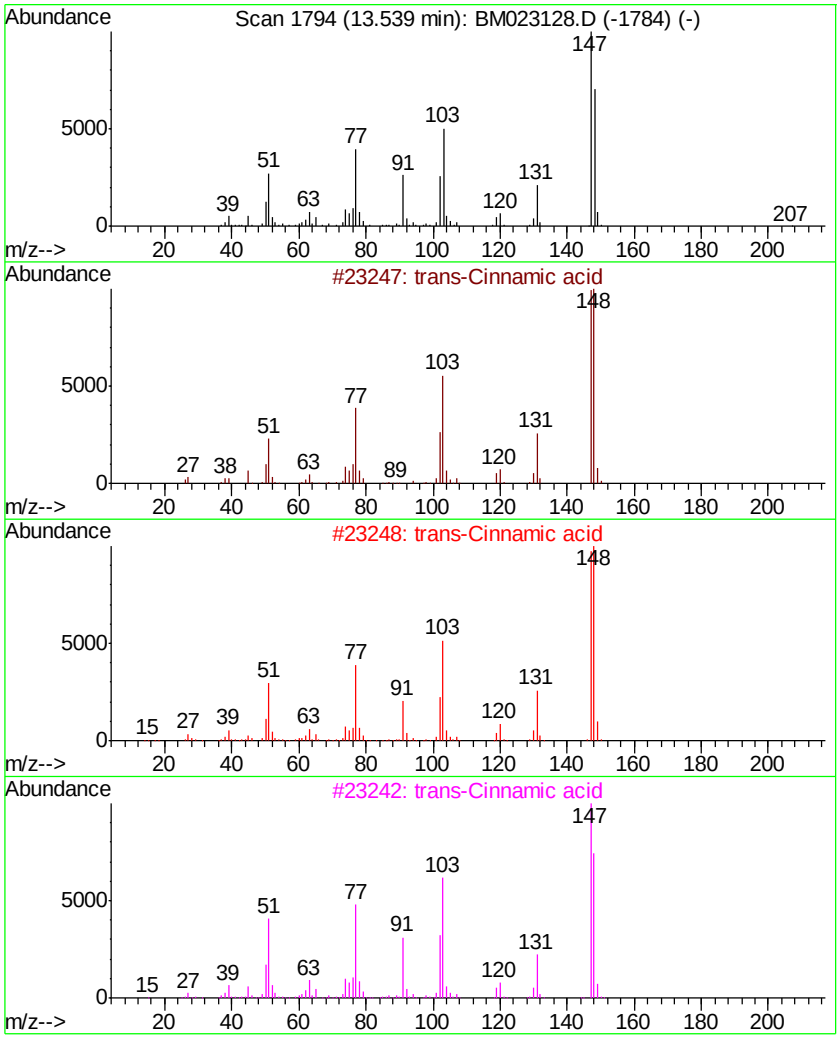
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

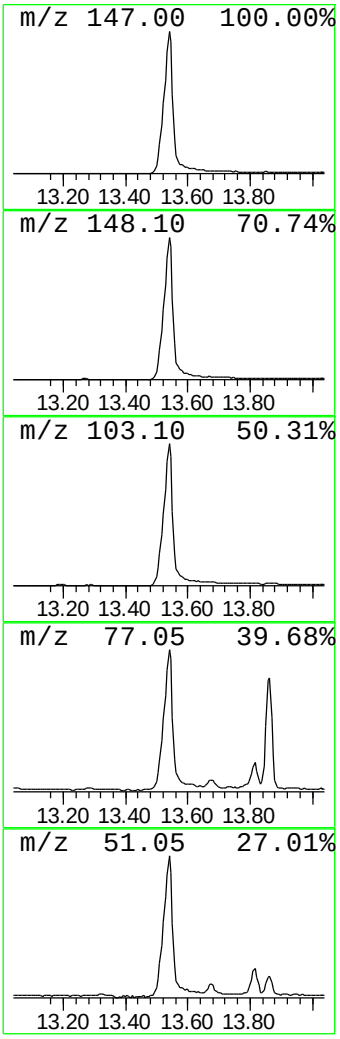
****

Peak Number 6 trans-Cinnamic acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	10.37 ng/ul	1017150	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Cinnamic acid	148	C9H8O2	000140-10-3	97
2	trans-Cinnamic acid	148	C9H8O2	000140-10-3	97
3	trans-Cinnamic acid	148	C9H8O2	000140-10-3	97
4	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	96
5	2-Propenoic acid, 3-phenyl-	148	C9H8O2	000621-82-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

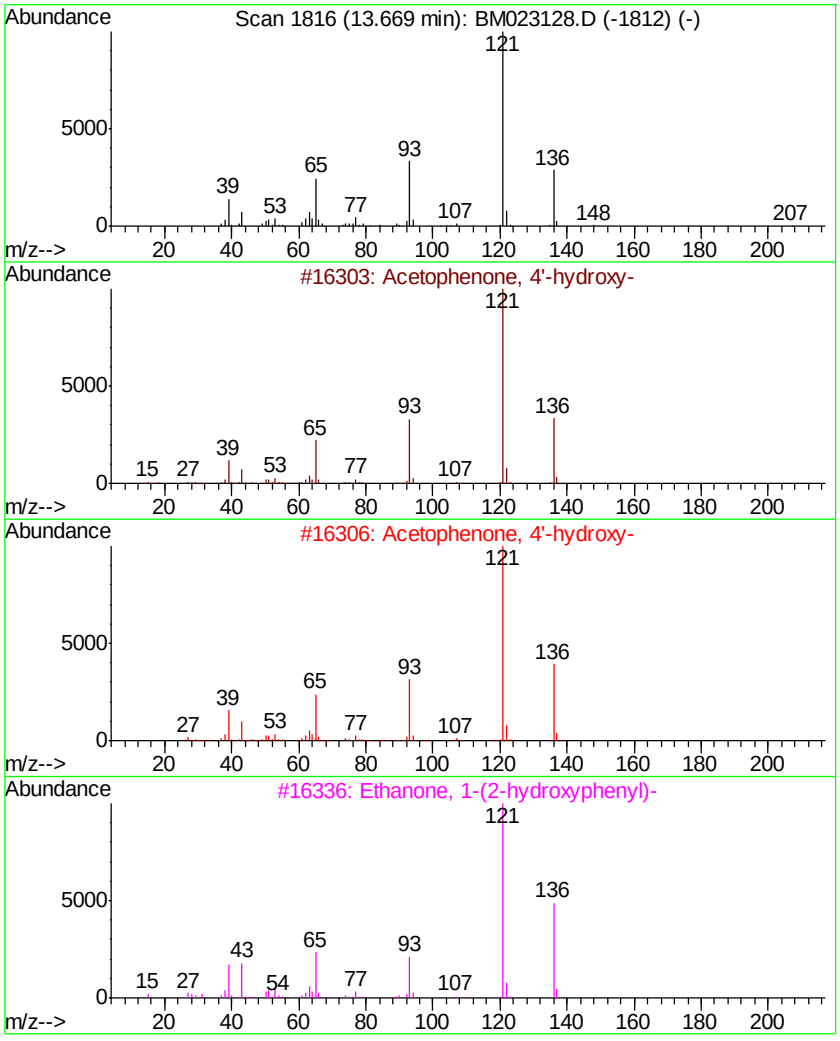
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

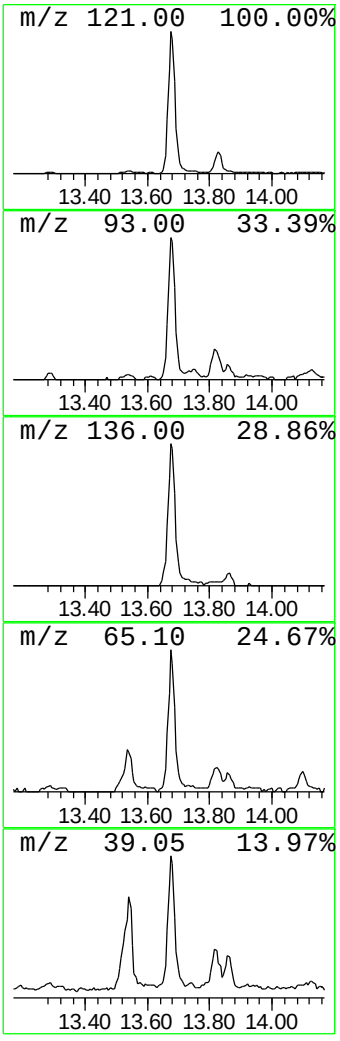
****

Peak Number 7 Acetophenone, 4'-hydroxy- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	2.31 ng/ul	226252	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	94
2	Acetophenone, 4'-hydroxy-	136	C8H8O2	000099-93-4	94
3	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	94
4	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	91
5	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

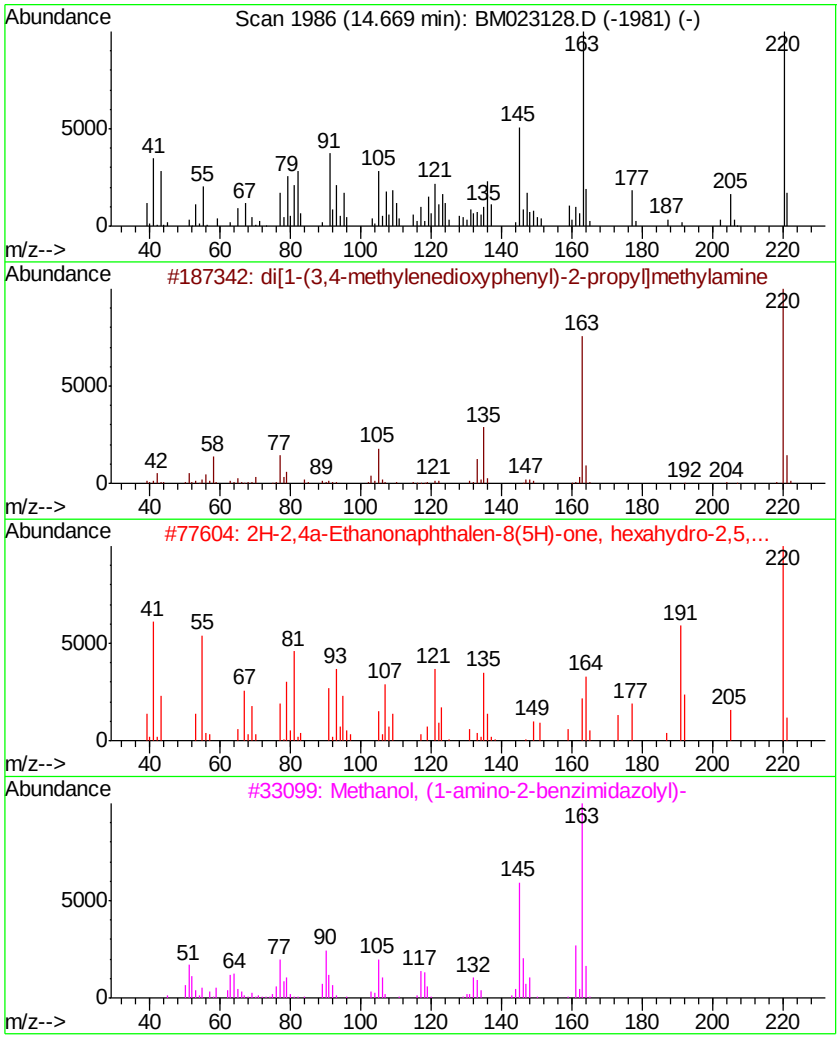
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

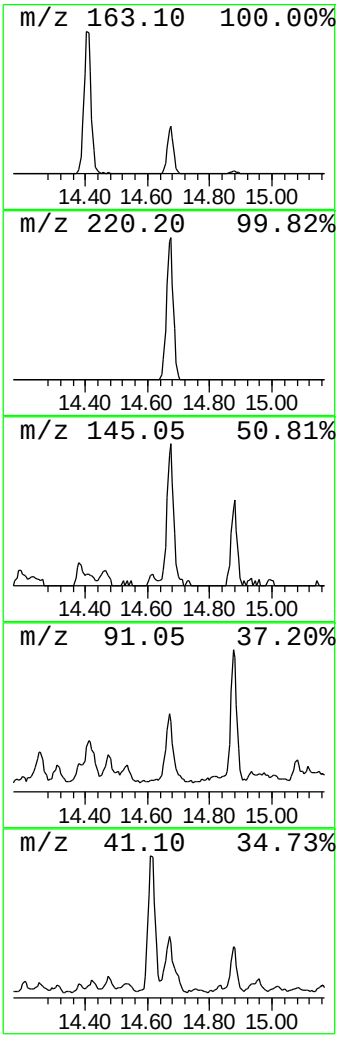
****

Peak Number 8 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.92 ng/ul	384204	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di[1-(3,4-methylenedioxyphenyl)-...	355	C21H25NO4	1000378-88-6	47
2	2H-2,4a-Ethanonaphthalen-8(5H)-o...	220	C15H24O	032391-46-1	38
3	Methanol, (1-amino-2-benzimidazo...	163	C8H9N3O	156576-15-7	38
4	2-Propanone, 1-(3,5,5-trimethyl-...	178	C12H18O	016695-72-0	35
5	7R,8R-8-Hydroxy-4-isopropylidene...	220	C15H24O	161362-94-3	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

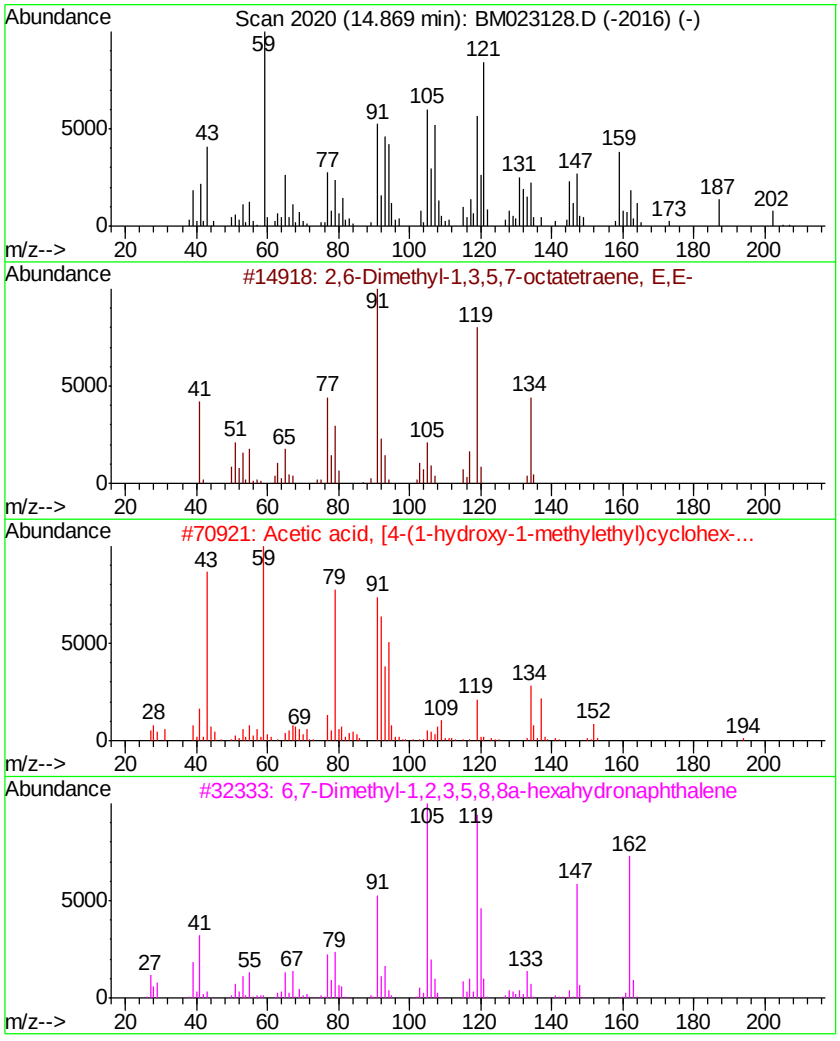
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

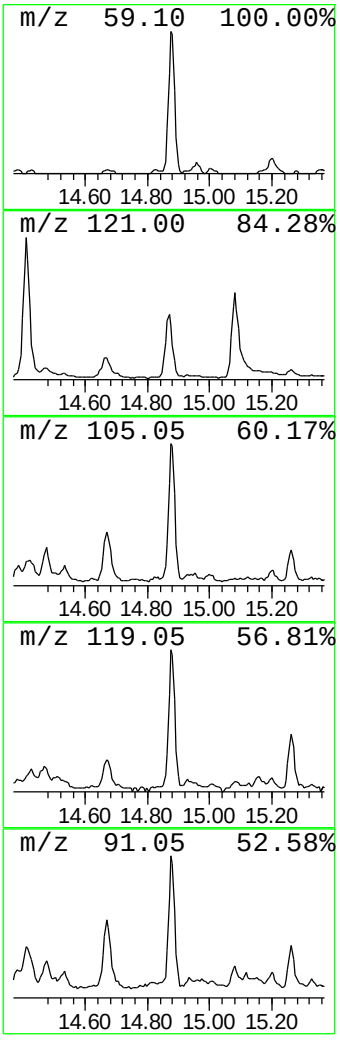
****

Peak Number 9 unknown-02 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.05 ng/ul	397725	Acenaphthene-d10	14.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	25
2	Acetic acid, [4-(1-hydroxy-1-met...	212	C12H20O3	1000197-22-2	16
3	6,7-Dimethyl-1,2,3,5,8,8a-hexahy...	162	C12H18	107914-92-1	15
4	1,4-Cyclohexadiene, 3-ethenyl-1,...	134	C10H14	062338-57-2	11
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

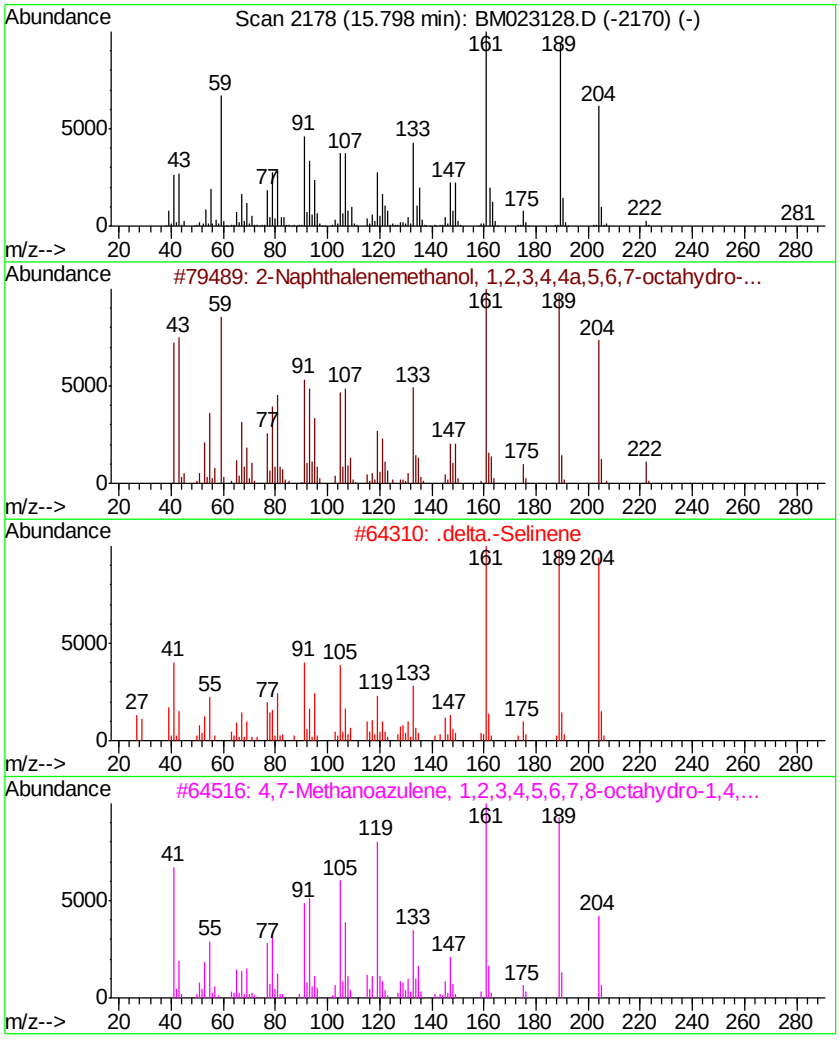
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

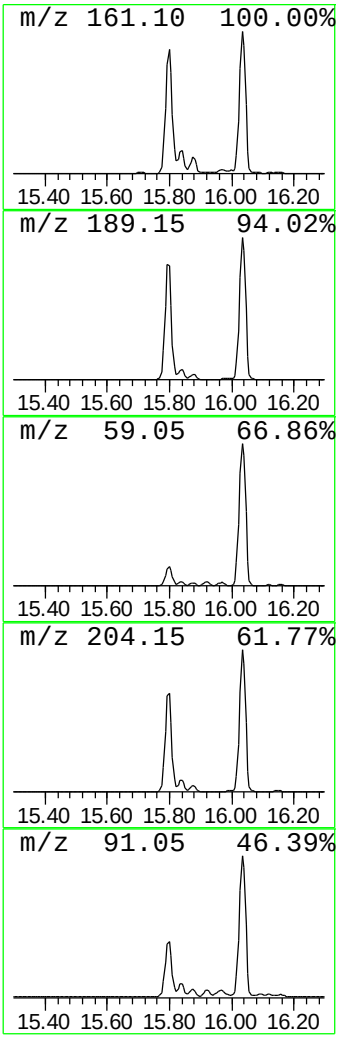
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Naphthalenemethanol, 1,2,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	30.00 ng/ul	3039060	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	001209-71-8	87
2	.delta.-Selinene	204	C15H24	028624-23-9	76
3	4,7-Methanoazulene, 1,2,3,4,5,6,...	204	C15H24	000514-51-2	70
4	4,7-Methanoazulene, 1,2,3,4,5,6,...	204	C15H24	000514-51-2	70
5	Naphthalene, 1,2,4a,5,8,8a-hexah...	204	C15H24	005951-61-1	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

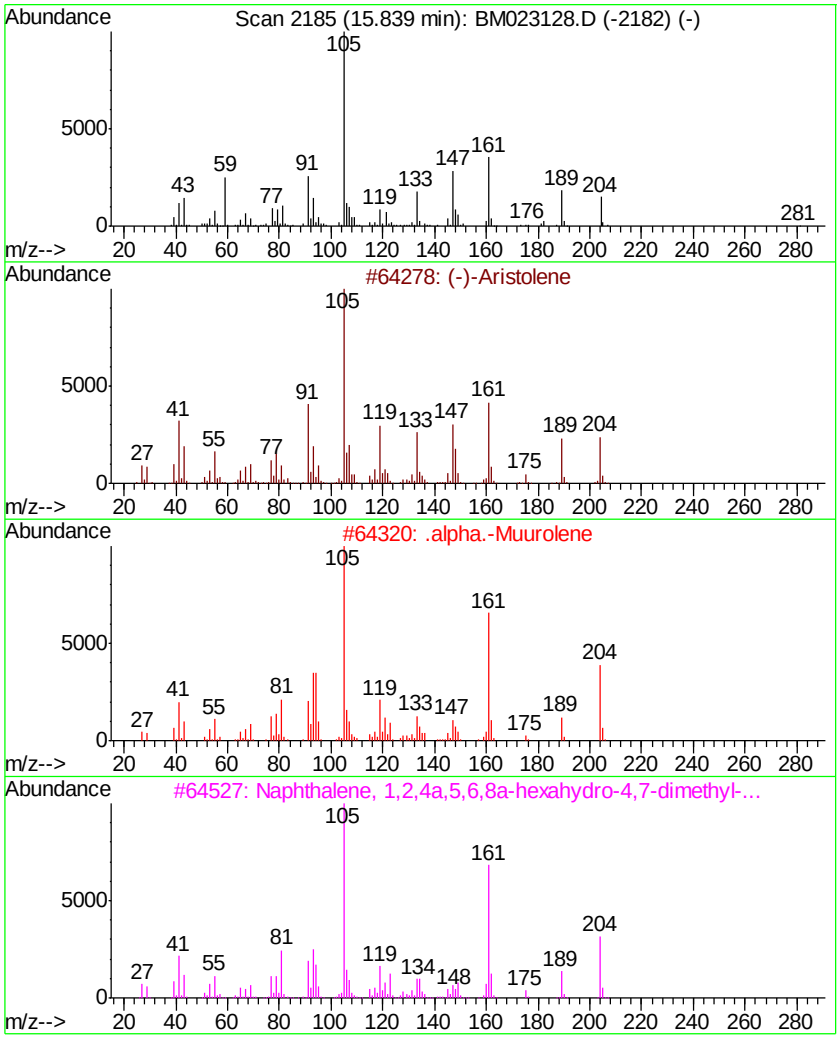
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

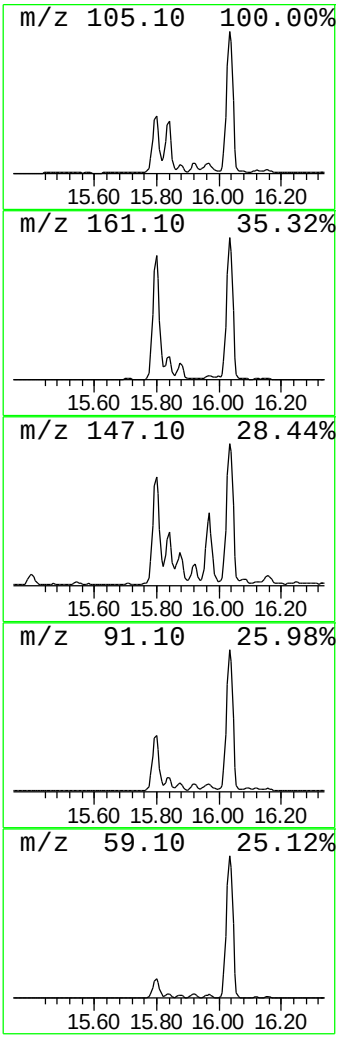
****

Peak Number 11 (-)-Aristolene Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.37 ng/ul	544329	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Aristolene	204	C15H24	006831-16-9	62
2	.alpha.-Muurolene	204	C15H24	031983-22-9	53
3	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	024406-05-1	43
4	.alpha.-Muurolene	204	C15H24	010208-80-7	43
5	.alpha.-Muurolene	204	C15H24	031983-22-9	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

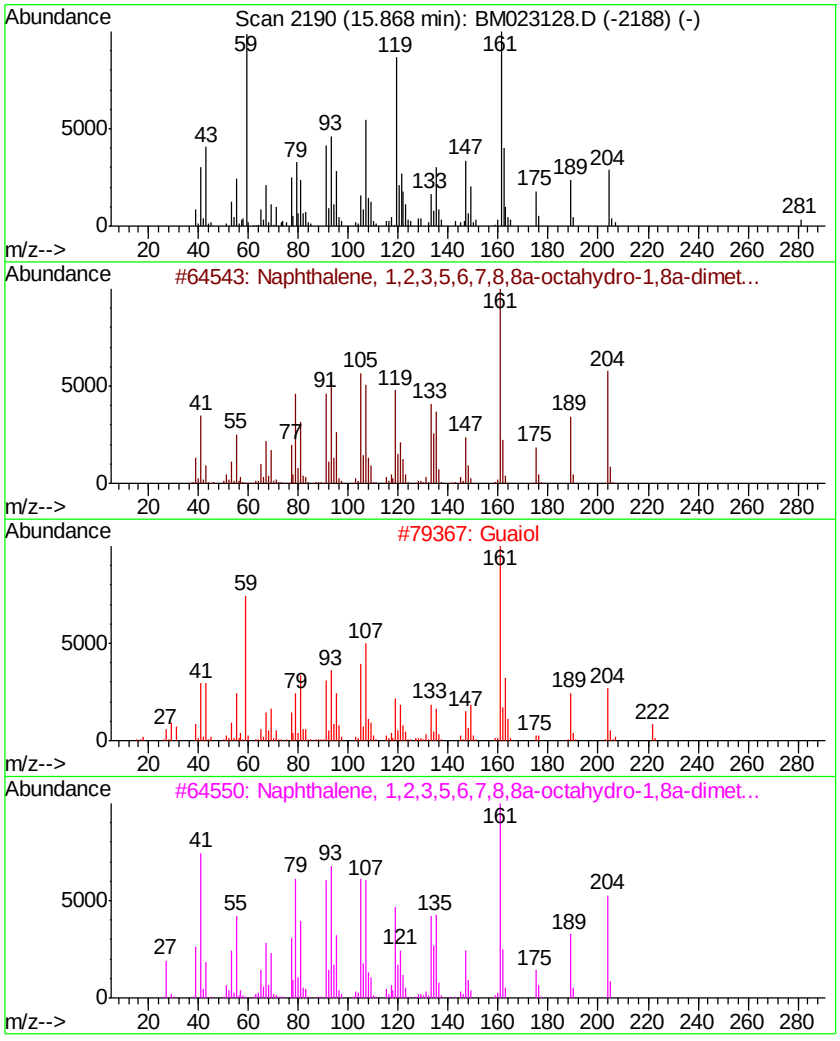
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

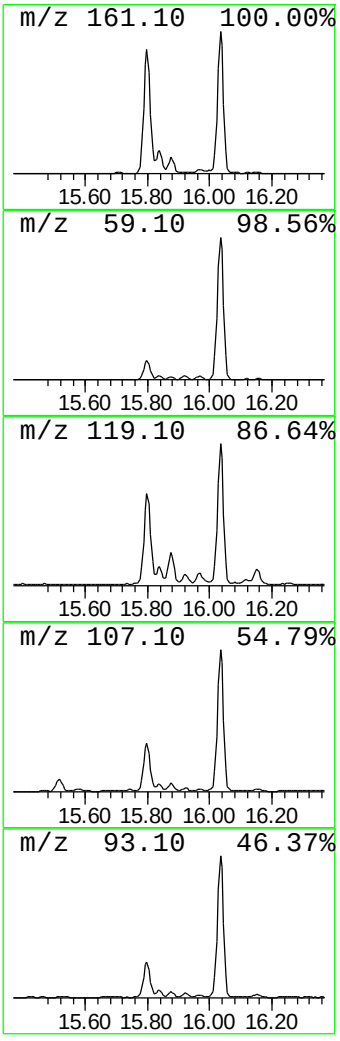
****

Peak Number 12 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.86 ng/ul	390760	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	78
2	Guaiol	222	C15H26O	000489-86-1	62
3	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	60
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	60
5	5-Azulenemethanol, 1,2,3,4,5,6,7...	222	C15H26O	013822-35-0	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

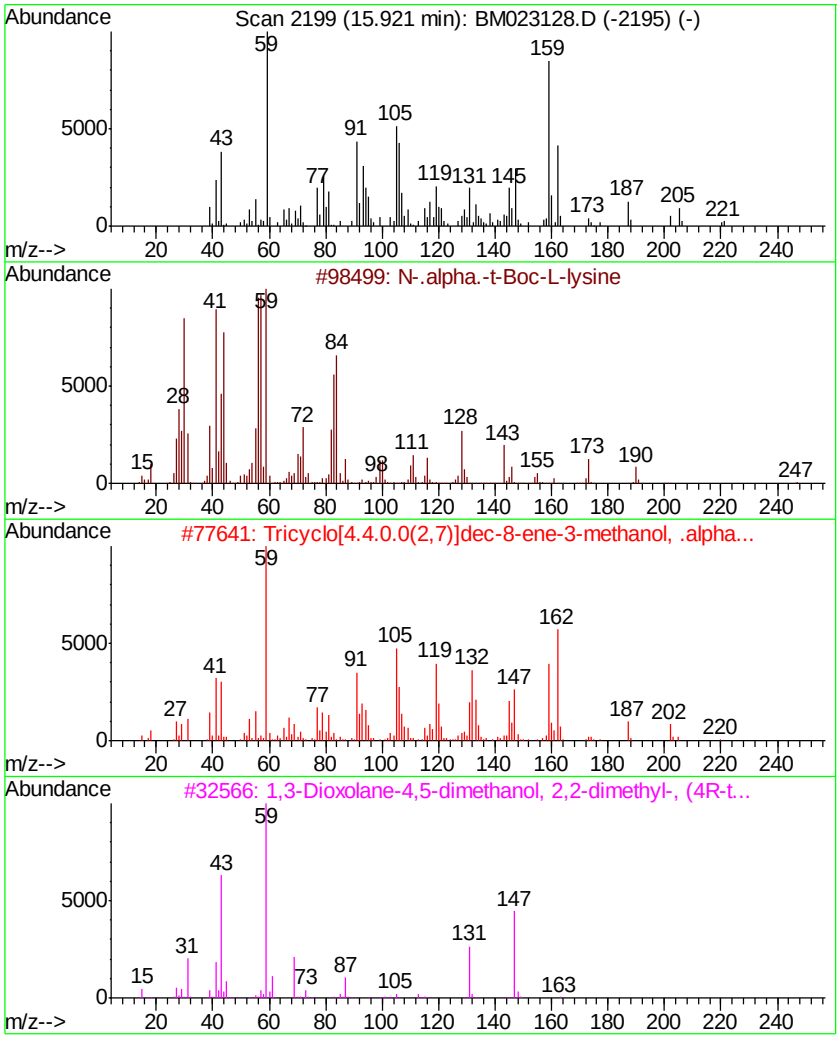
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

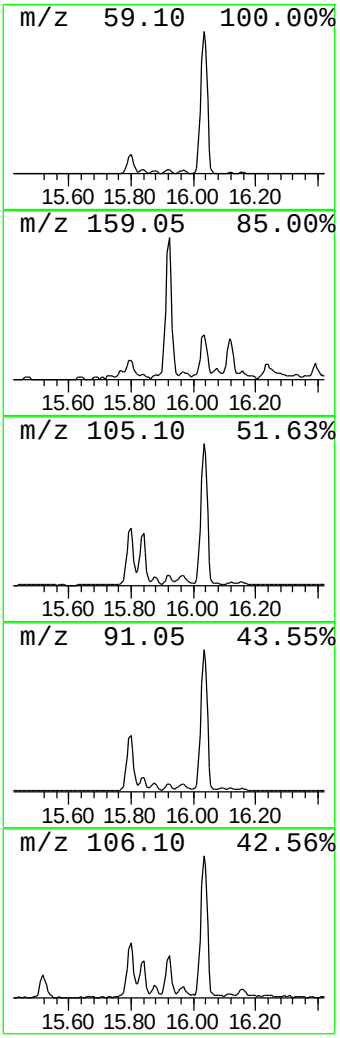
****

Peak Number 13 N-.alpha.-t-Boc-L-lysine Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.37 ng/ul	341364	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-.alpha.-t-Boc-L-lysine	246	C11H22N2O4	013734-28-6	56
2	Tricyclo[4.4.0.0(2,7)]dec-8-ene-...	220	C15H24O	041370-56-3	38
3	1,3-Dioxolane-4,5-dimethanol, 2,...	162	C7H14O4	073346-74-4	22
4	(+)-2,3-O-Isopropylidene-L-threitol	162	C7H14O4	050622-09-8	22
5	2-Butenoic acid, 3-(phenylamino)...	205	C12H15NO2	006287-35-0	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

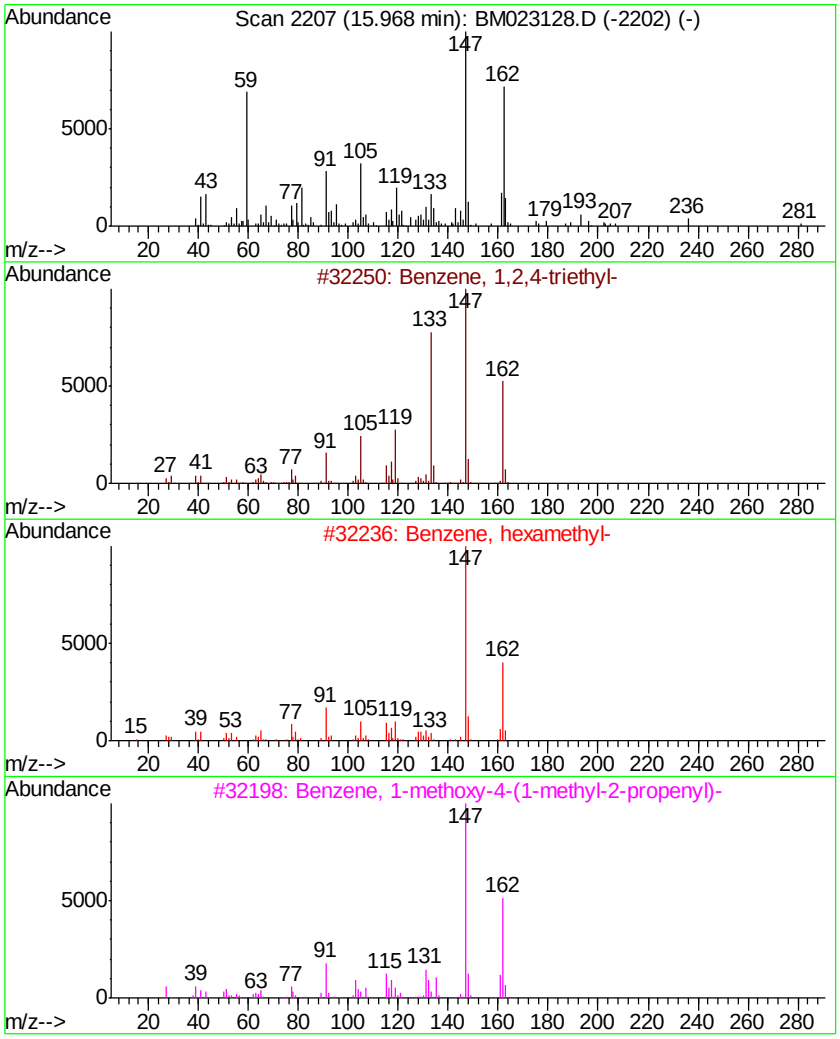
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

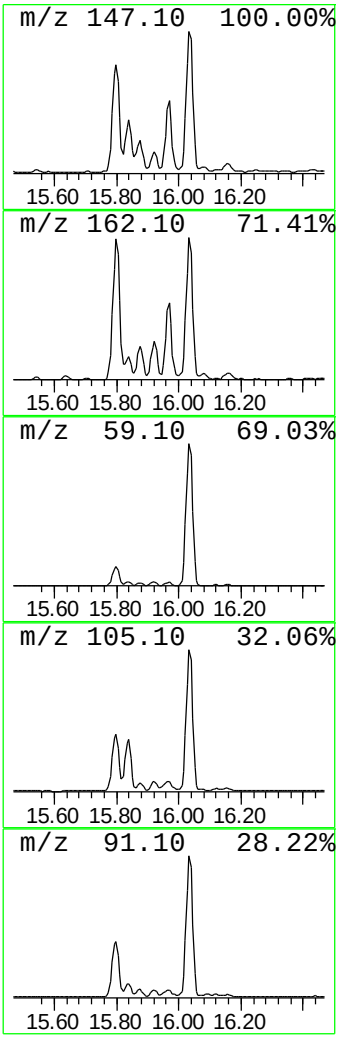
****

Peak Number 14 Benzene, 1,2,4-triethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.92 ng/ul	397018	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	70
2	Benzene, hexamethyl-	162	C12H18	000087-85-4	64
3	Benzene, 1-methoxy-4-(1-methyl-2...	162	C11H14O	018272-83-8	58
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	58
5	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

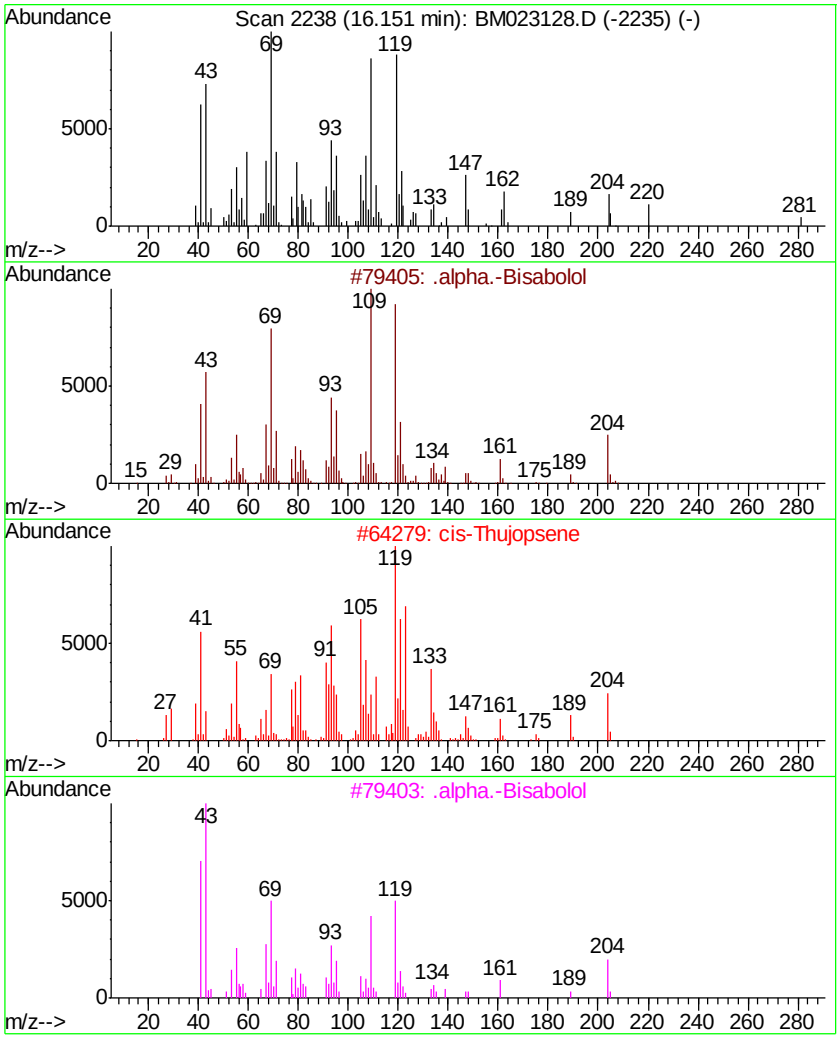
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

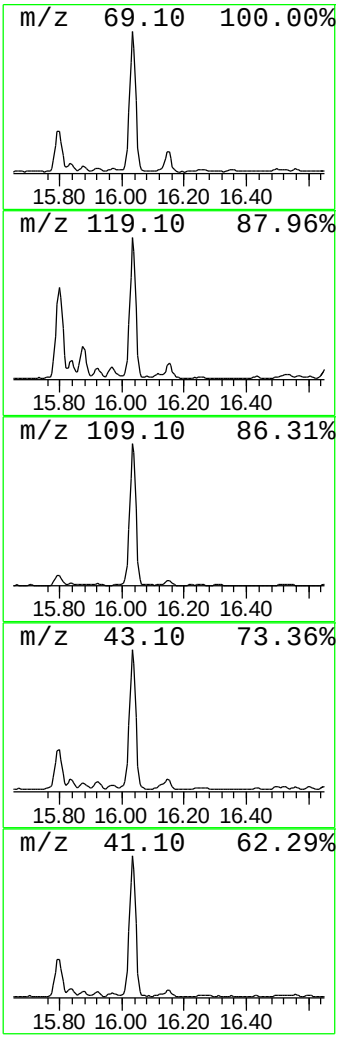
****

Peak Number 16 .alpha.-Bisabolol Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.59 ng/ul	262205	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bisabolol	222	C15H26O	000515-69-5	64
2	cis-Thujopsene	204	C15H24	000470-40-6	56
3	.alpha.-Bisabolol	222	C15H26O	000515-69-5	46
4	.alpha.-Bisabolol	222	C15H26O	000515-69-5	46
5	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

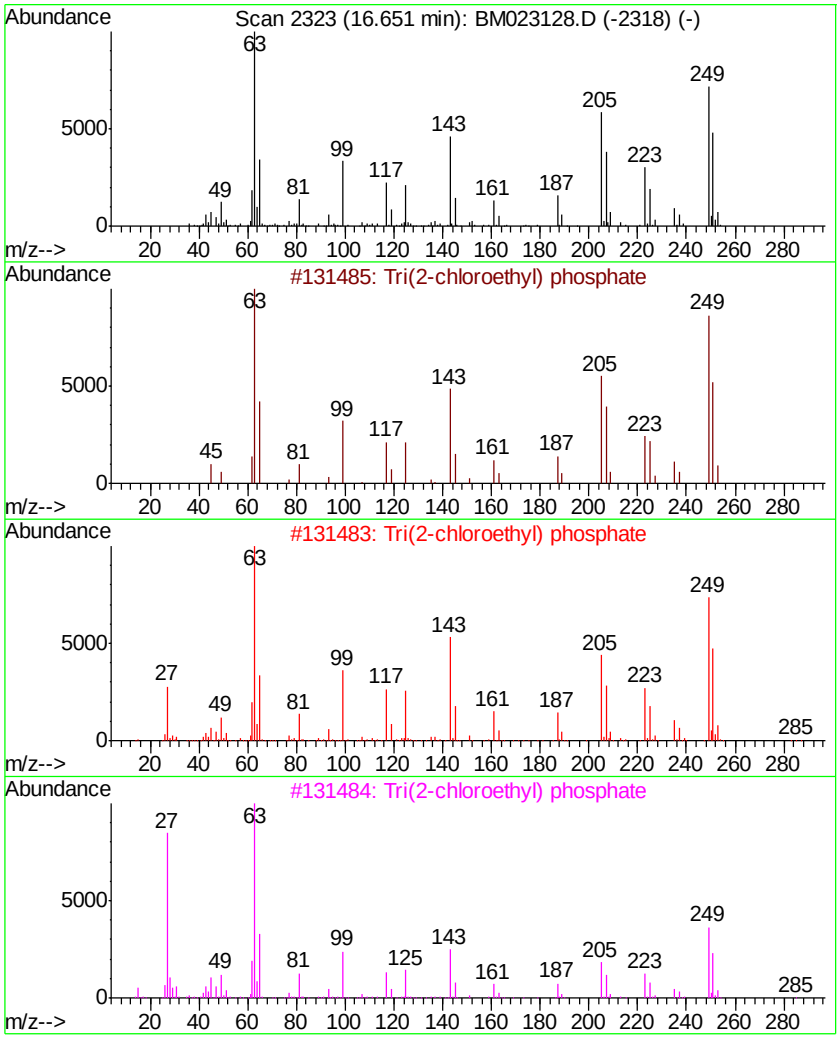
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

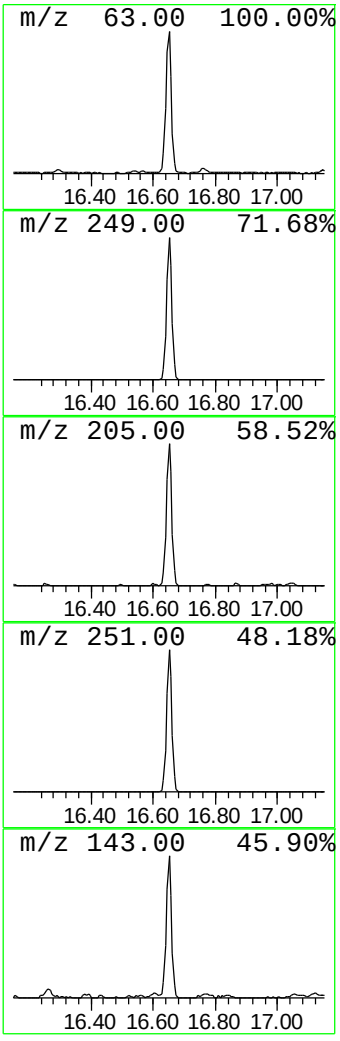
****

Peak Number 17 Tri(2-chloroethyl) phosphate Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	5.97 ng/ul	604983	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	95
2	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	93
3	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	90
4	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	47
5	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

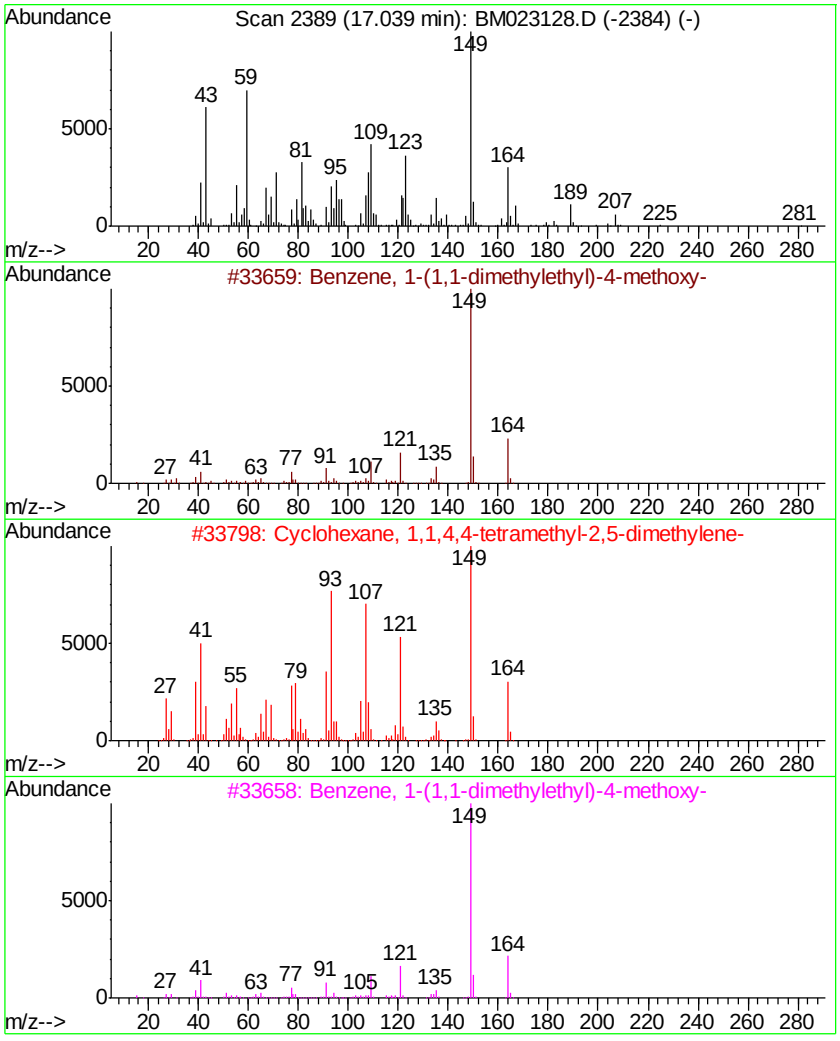
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

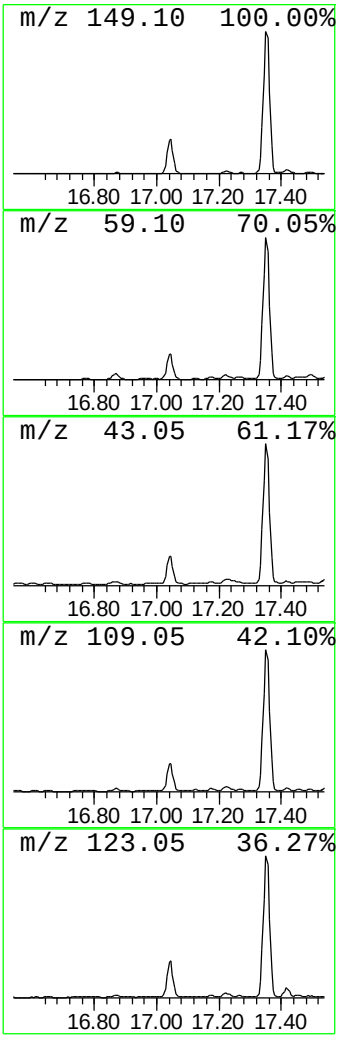
****

Peak Number 18 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	11.91 ng/ul	1207060	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	49
2	Cyclohexane, 1,1,4,4-tetramethyl...	164	C12H20	1000154-20-4	43
3	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	43
4	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	38
5	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

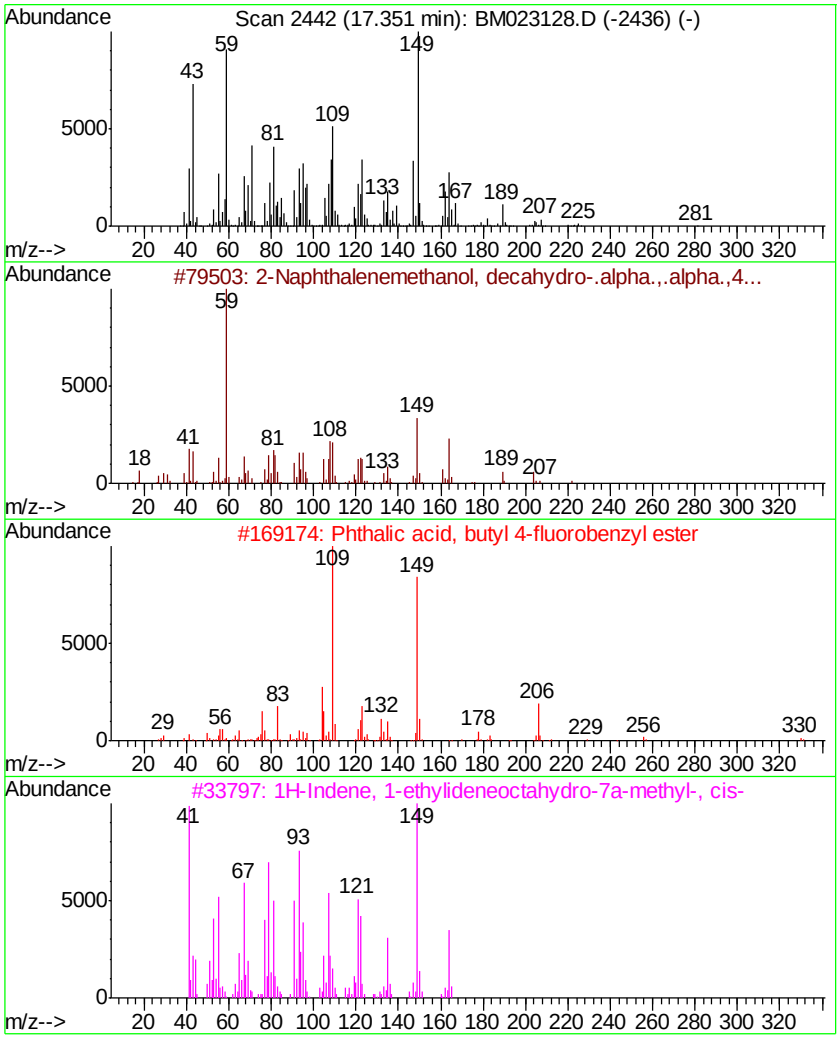
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

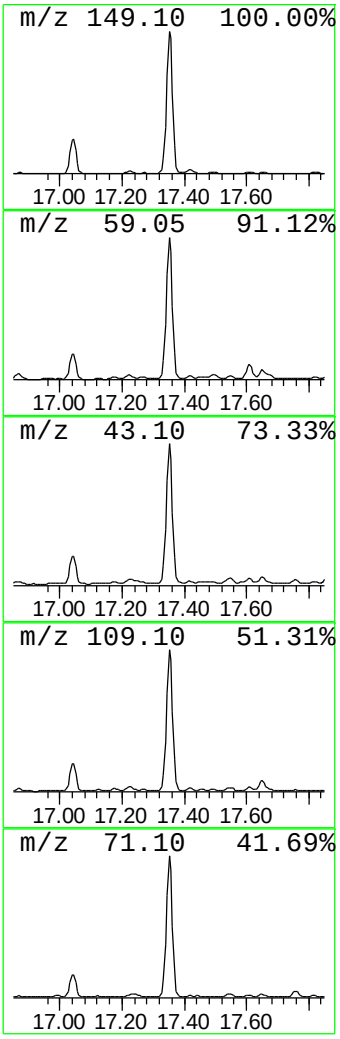
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Naphthalenemethanol, deca... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	67.30 ng/ul	6818540	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	50
2	Phthalic acid, butyl 4-fluoroben...	330	C19H19FO4	1000377-74-3	27
3	1H-Indene, 1-ethylideneoctahydro...	164	C12H20	056362-87-9	25
4	Phthalic acid, propyl 2,2,2-trif...	366	C19H17F3O4	1000377-70-0	22
5	2'-Hydroxy-4',5'-dimethylacetoph...	164	C10H12O2	036436-65-4	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

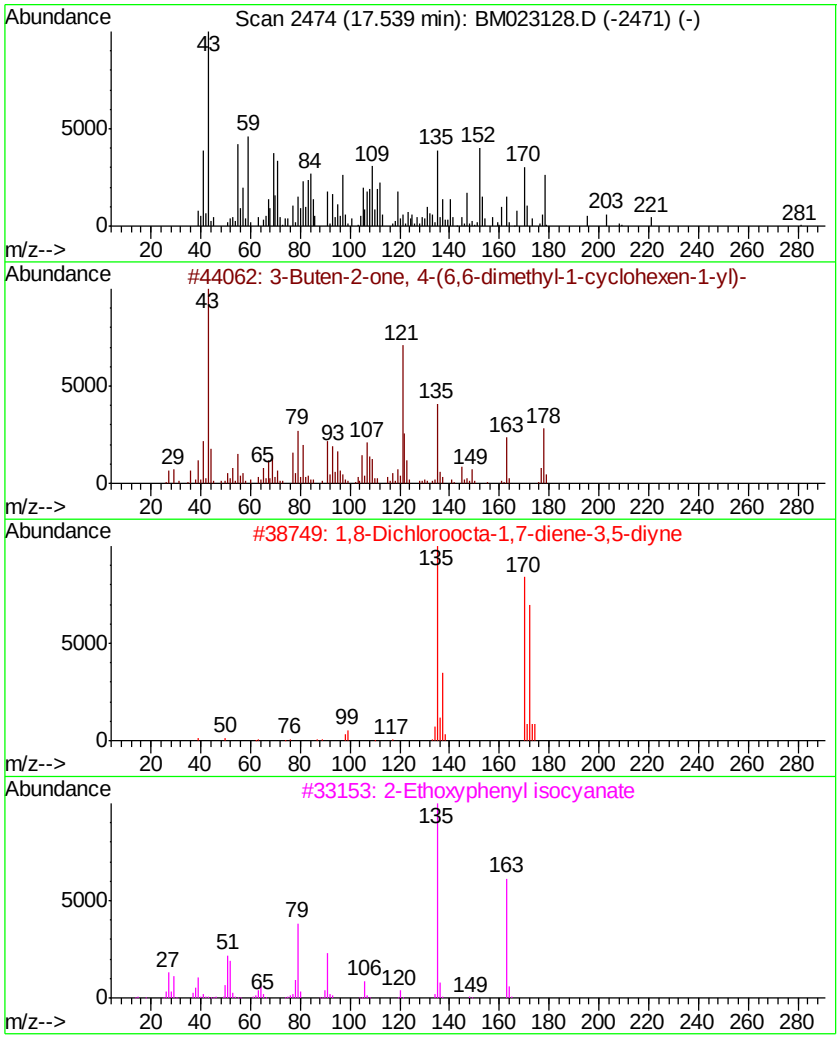
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

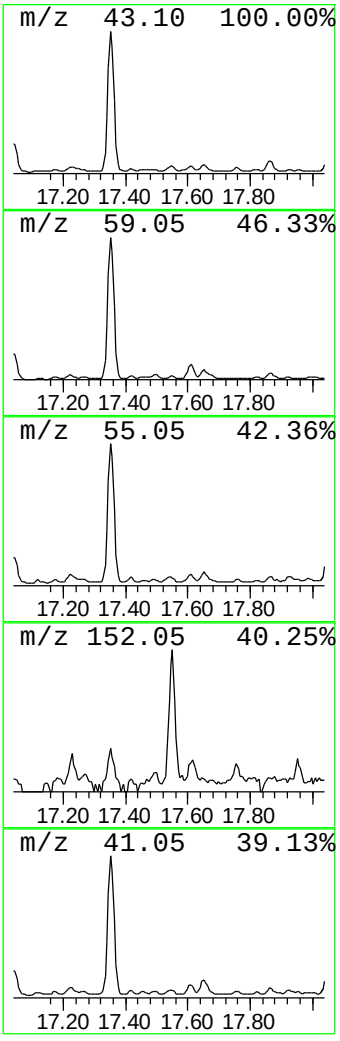
****

Peak Number 20 unknown-04 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.76 ng/ul	279285	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-(6,6-dimethyl-1...	178	C12H18O	065133-79-1	25
2	1,8-Dichloroocta-1,7-diene-3,5-d...	170	C8H4Cl2	1000306-85-7	12
3	2-Ethoxyphenyl isocyanate	163	C9H9NO2	005395-71-1	11
4	3-Carene, 4-acetyl-	178	C12H18O	1000156-14-1	10
5	5,5,8-Trimethyl-nona-3,6,7-trien...	178	C12H18O	1000185-69-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

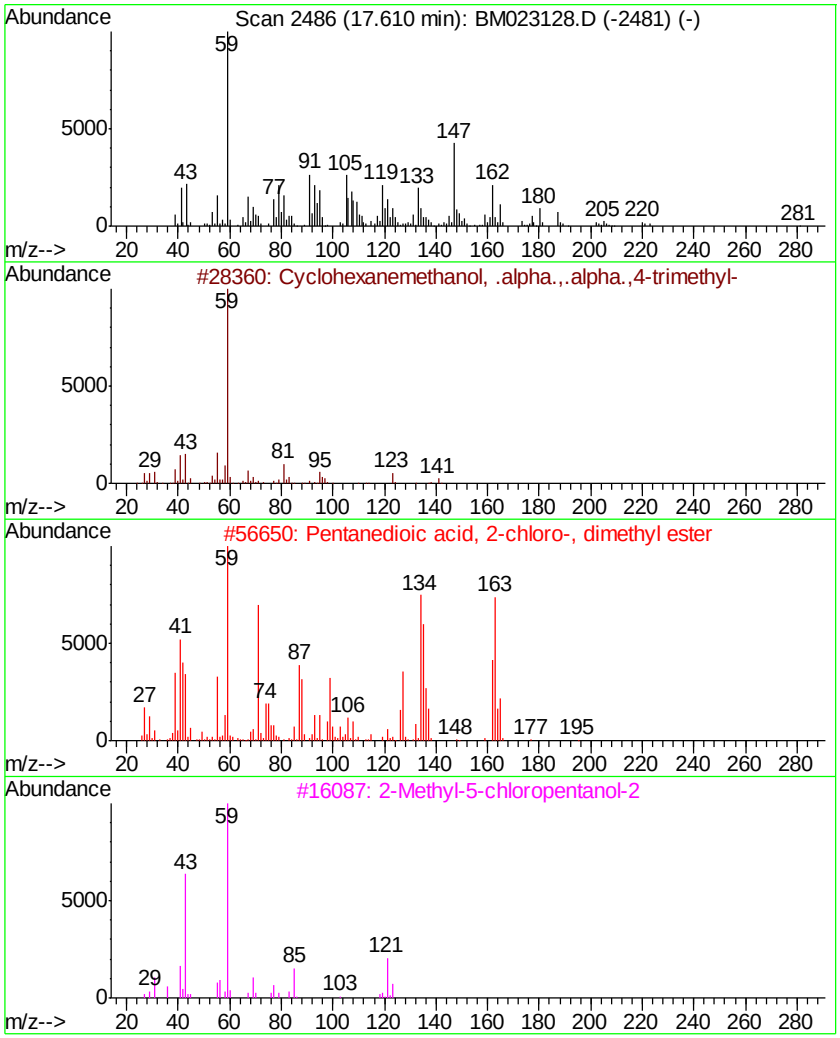
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

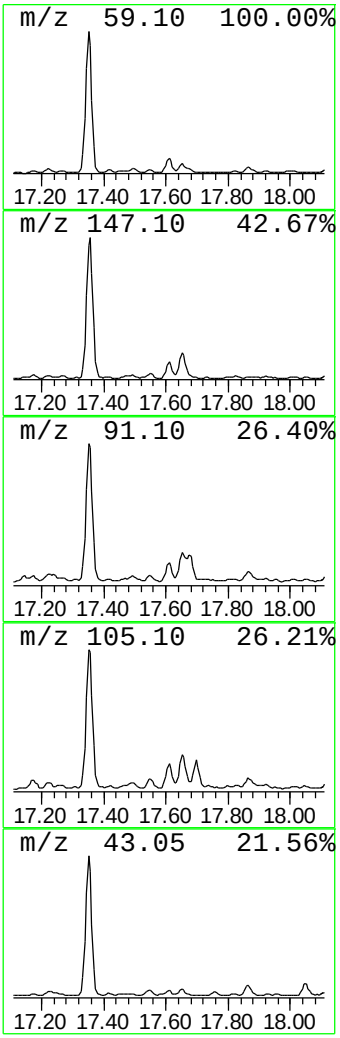
****

Peak Number 21 unknown-05 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	4.71 ng/ul	477031	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	27
2	Pentanedioic acid, 2-chloro-, di...	194	C7H11ClO4	085822-17-9	27
3	2-Methyl-5-chloropentanol-2	136	C6H13ClO	007712-59-6	25
4	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	22
5	7-Octen-2-ol, 2-methyl-6-methylene-	154	C10H18O	000543-39-5	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

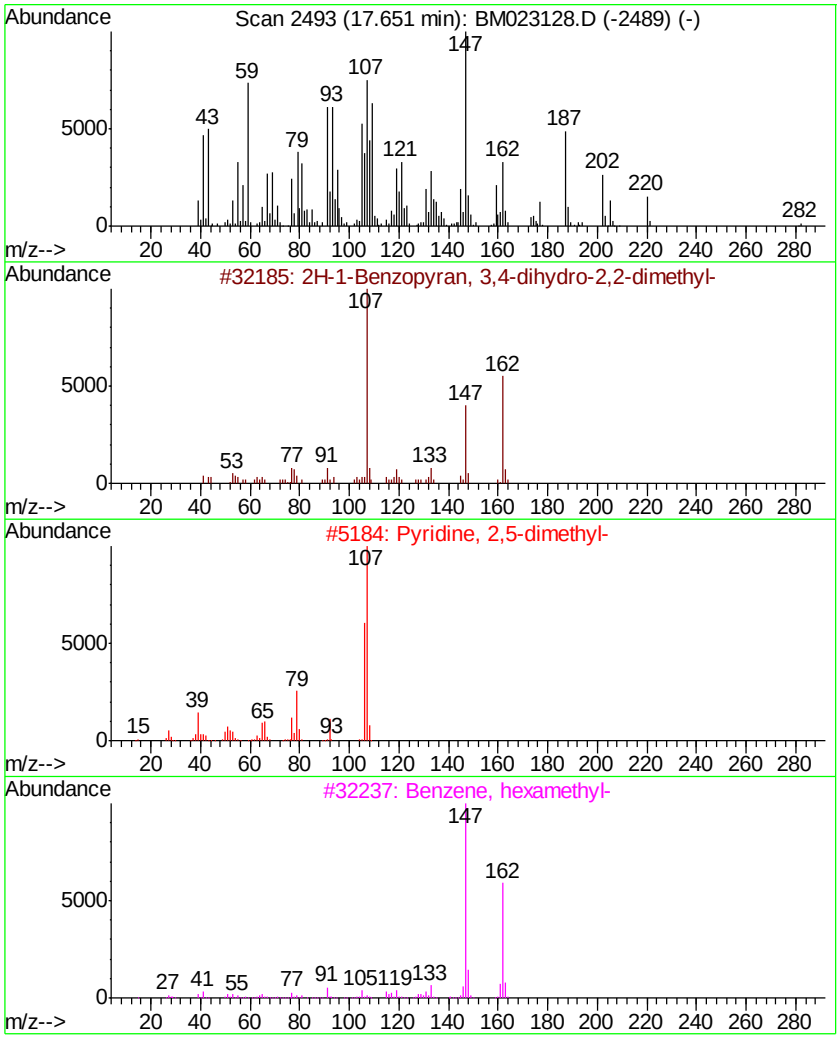
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

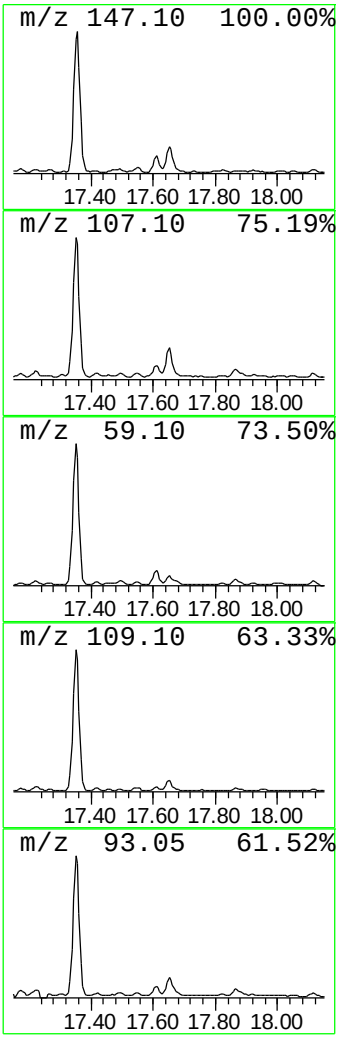
****

Peak Number 22 unknown-06 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	8.23 ng/ul	834011	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 3,4-dihydro-2,2...	162	C11H14O	001198-96-5	38
2	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	25
3	Benzene, hexamethyl-	162	C12H18	000087-85-4	25
4	Tricyclo[3.2.1.02,7]oct-3-ene, 2...	162	C12H18	062338-44-7	15
5	Dewar benzene, hexamethyl-	162	C12H18	007641-77-2	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

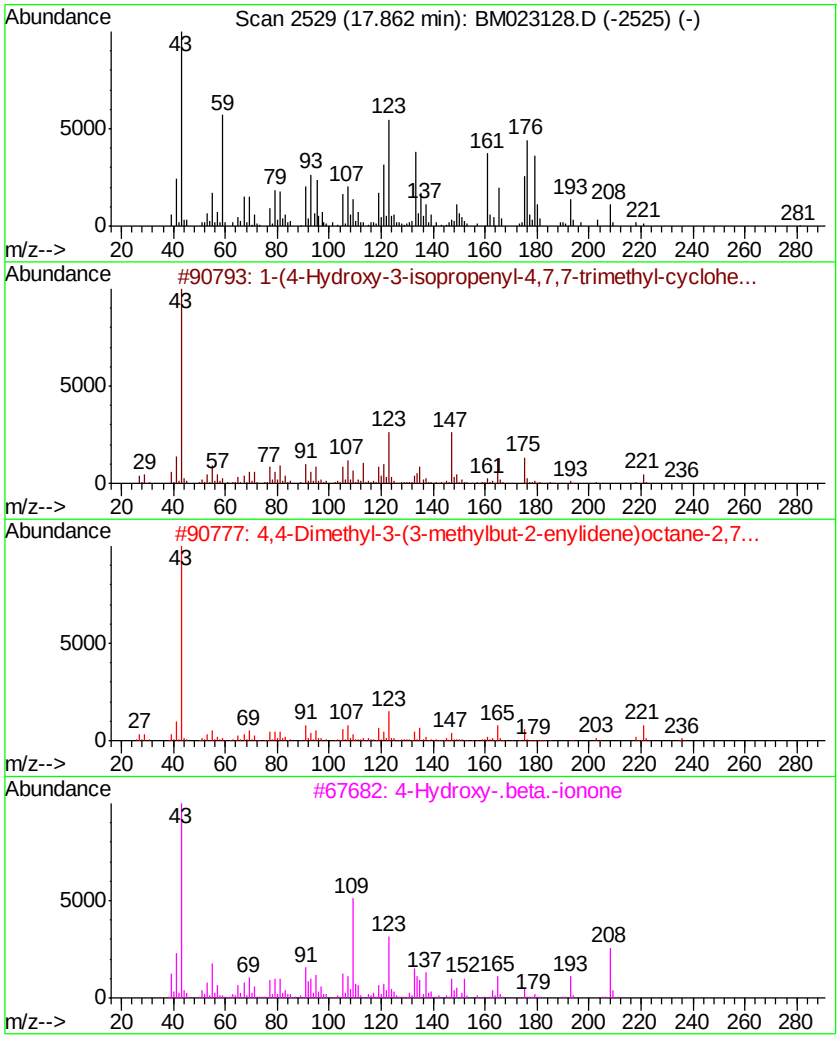
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

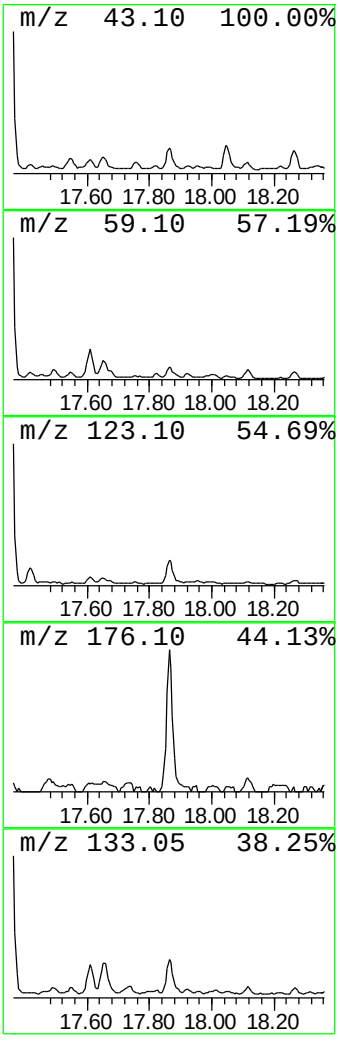
****

Peak Number 23 unknown-07 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.29 ng/ul	434549	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4-Hydroxy-3-isopropenyl-4,7,7...	236	C15H24O2	098419-02-4	14
2	4,4-Dimethyl-3-(3-methylbut-2-en...	236	C15H24O2	098419-10-4	14
3	4-Hydroxy-.beta.-ionone	208	C13H20O2	116296-75-4	12
4	Furan, 2,2'-methylenebis[5-methyl-	176	C11H12O2	013679-43-1	11
5	1,4,4-Trimethylcyclohex-2-enecar...	168	C10H16O2	103262-04-0	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

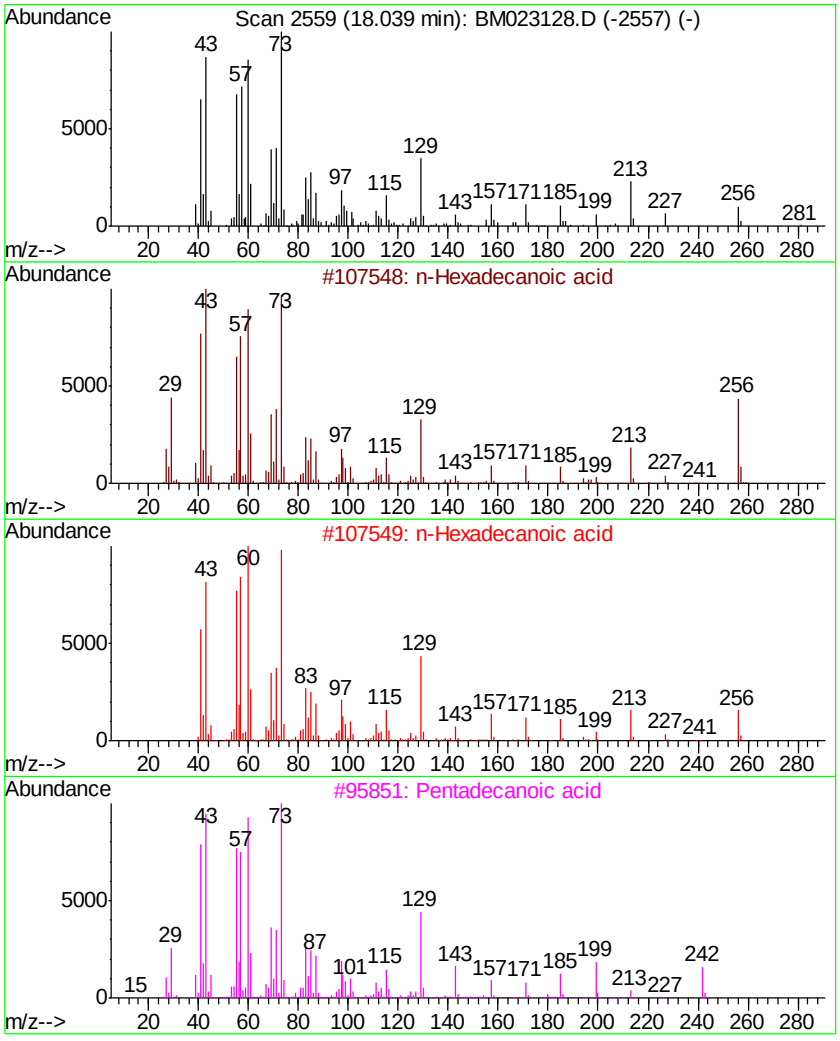
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

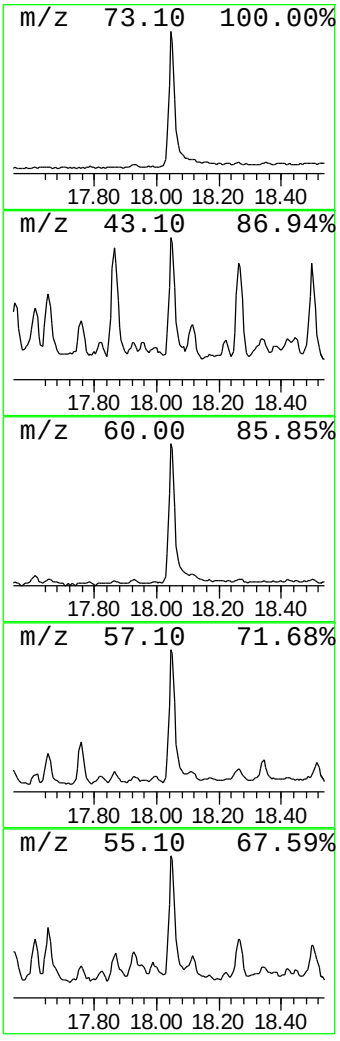
****

Peak Number 24 n-Hexadecanoic acid Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	4.78 ng/ul	483801	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

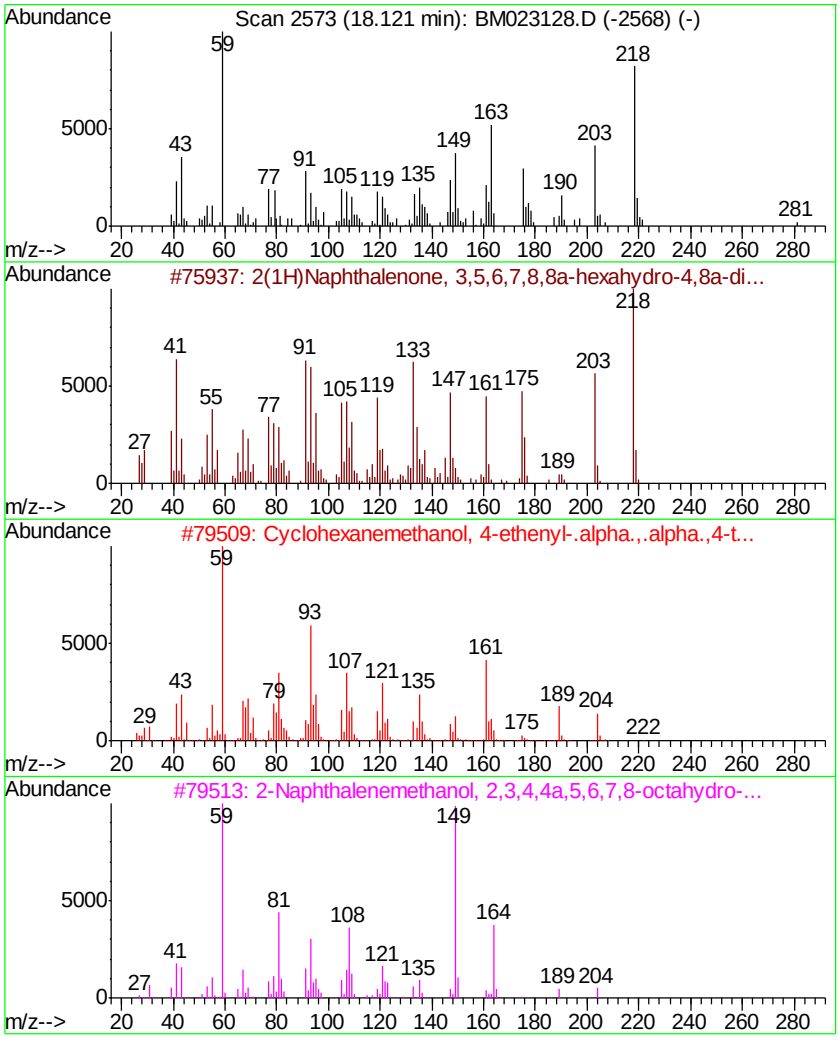
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

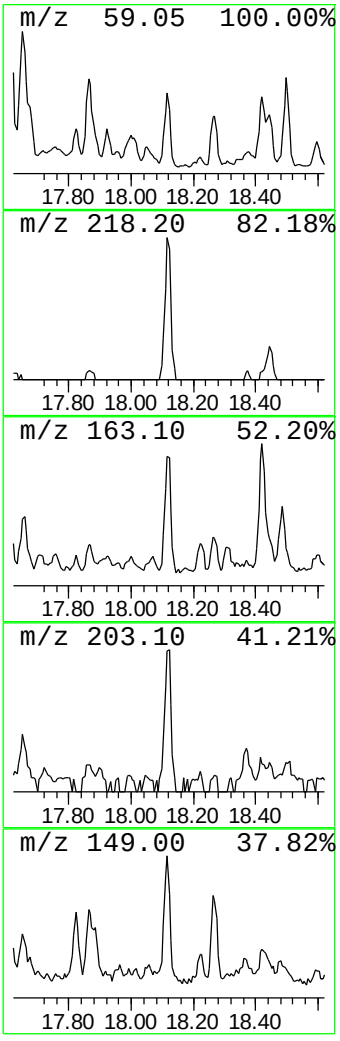
****

Peak Number 25 unknown-08 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.15 ng/ul	217557	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	35
2	Cyclohexanemethanol, 4-ethenyl-....	222	C15H26O	000639-99-6	22
3	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	22
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	15
5	2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

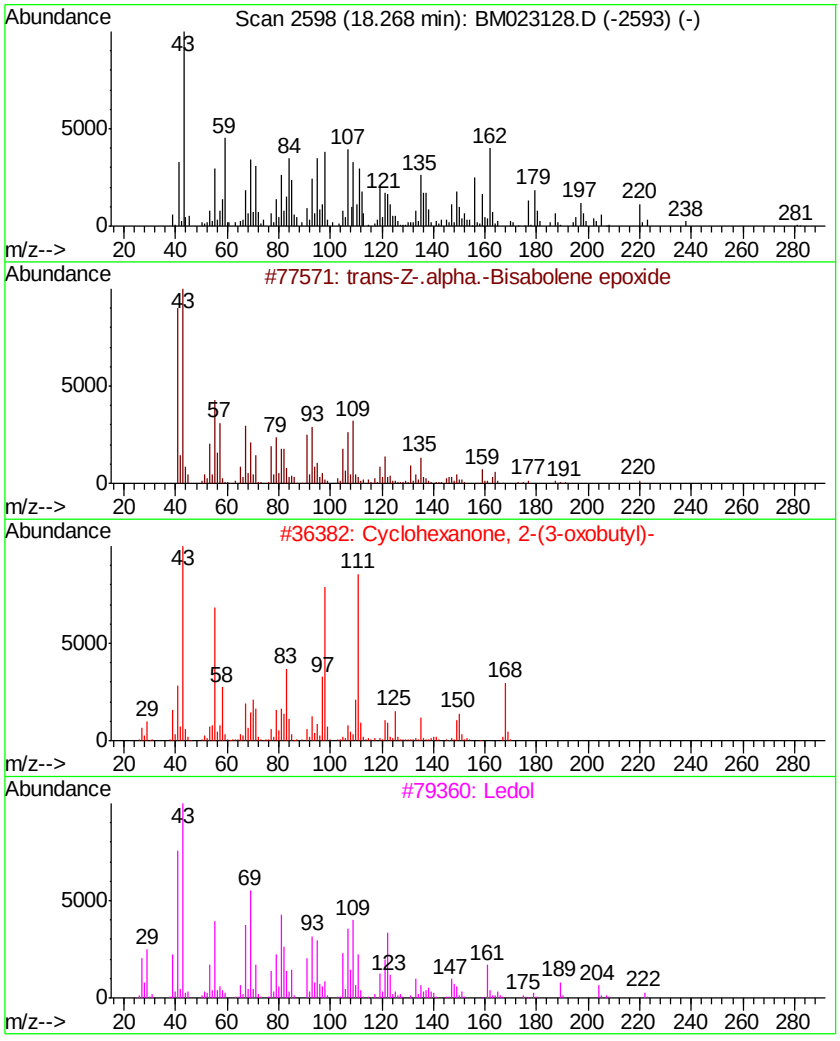
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

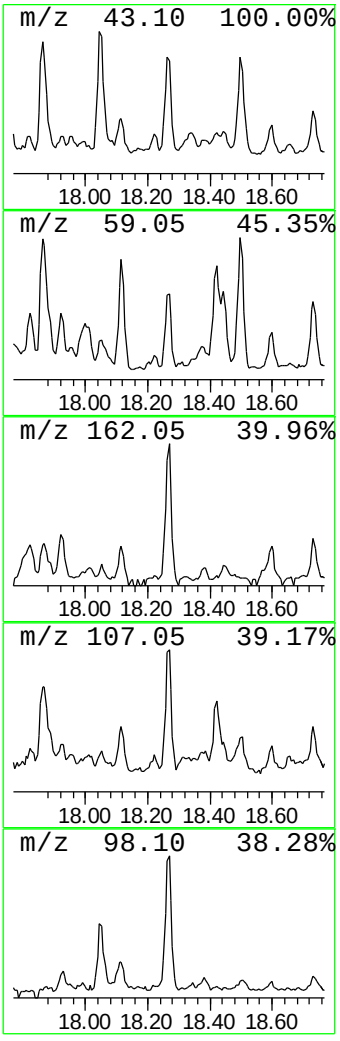
****

Peak Number 26 unknown-09 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.08 ng/ul	312472	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-1	20
2	Cyclohexanone, 2-(3-oxobutyl)-	168	C10H16O2	026942-62-1	10
3	Ledol	222	C15H26O	000577-27-5	10
4	Cedranoxide, 8,14-	220	C15H24O	018319-31-8	10
5	Propanoic acid, 2-bromo-, ethyl ...	180	C5H9BrO2	000535-11-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

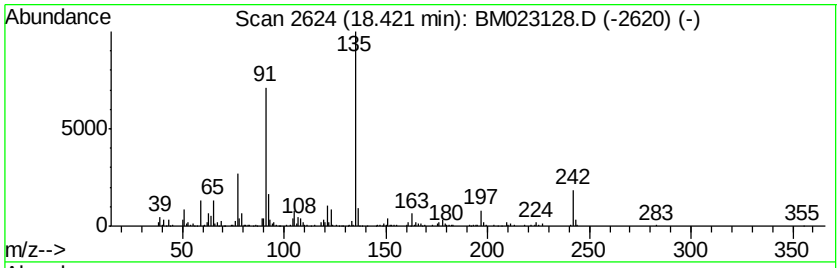
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

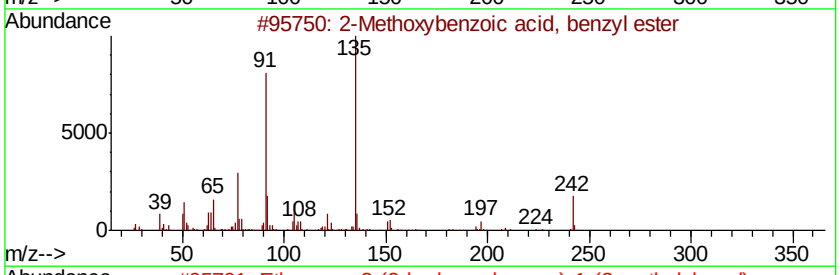
****

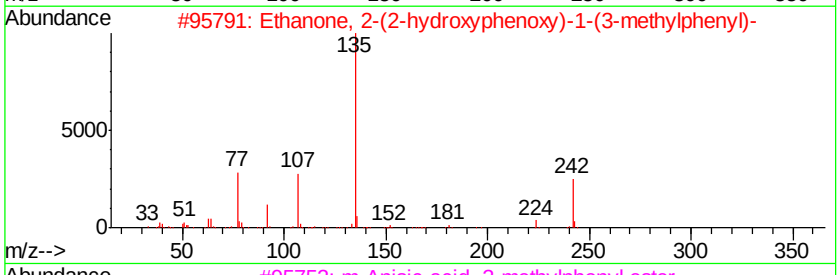
Peak Number 27 2-Methoxybenzoic acid, benz... Concentration Rank 47

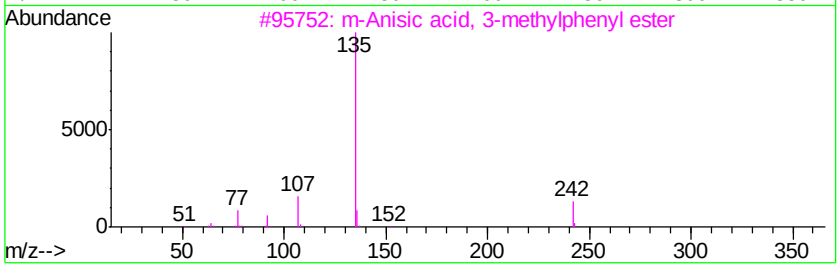
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	5.36 ng/ul	542866	Phenanthrene-d10	17.14

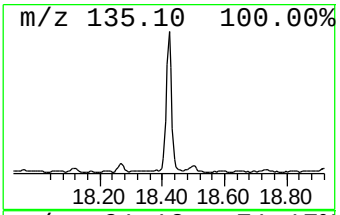
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methoxybenzoic acid, benzyl ester	242	C15H14O3	075679-47-9	90
2	Ethanone, 2-(2-hydroxyphenoxy)-1...	242	C15H14O3	1000269-83-9	81
3	m-Anisic acid, 3-methylphenyl ester	242	C15H14O3	1000307-79-8	72
4	Aniracetam	219	C12H13NO3	072432-10-1	59
5	Benzoic acid, 2-methoxy-, 2-meth...	222	C13H18O3	1000375-39-5	59

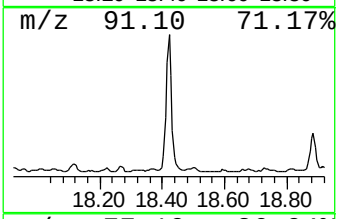


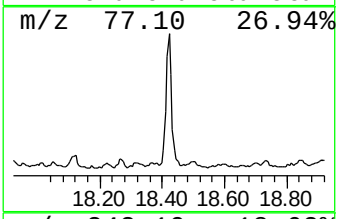


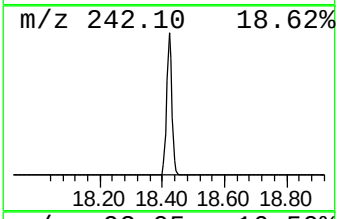


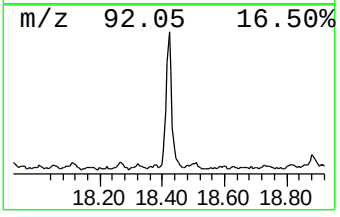












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

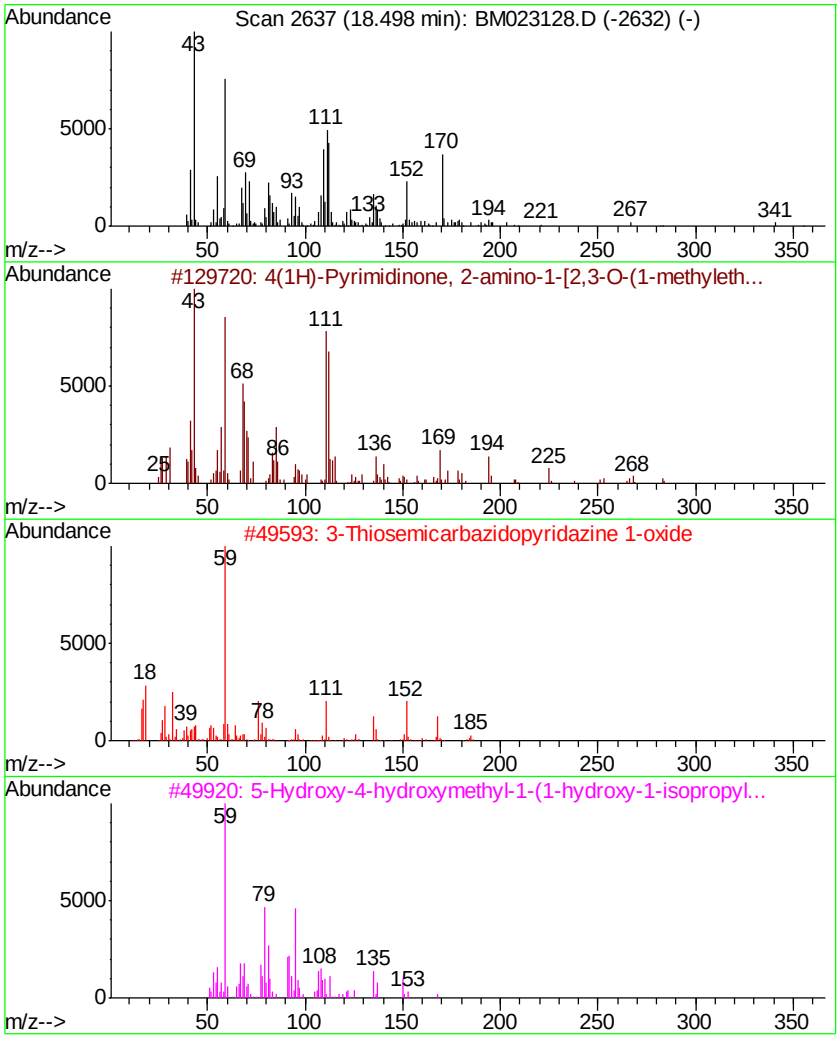
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

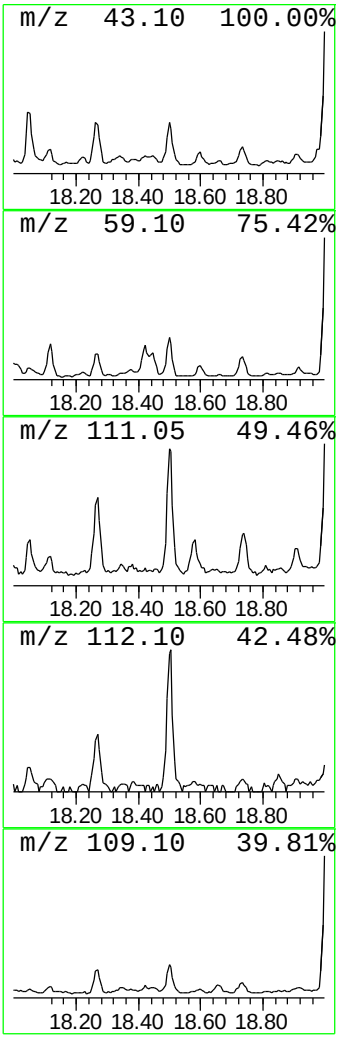
****

Peak Number 28 unknown-10 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	3.30 ng/ul	334172	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 2-amino-1-[2...	283	C12H17N3O5	005975-05-3	38
2	3-Thiosemicarbazidopyridazine 1-...	185	C5H7N5OS	002096-29-9	35
3	5-Hydroxy-4-hydroxymethyl-1-(1-h...	186	C10H18O3	087096-72-8	22
4	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	14
5	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

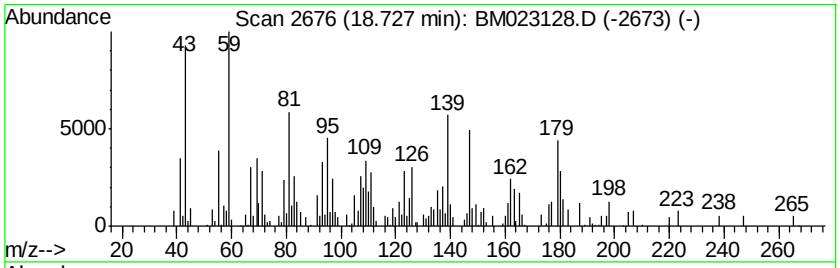
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

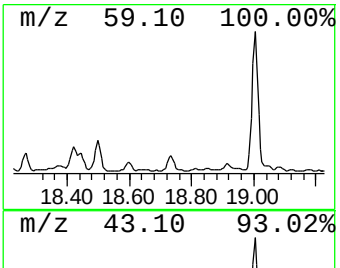
****

Peak Number 29 unknown-11 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.16 ng/ul	218415	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-chloro-, 1-methy...	198	C10H11ClO2	022913-11-7	27
2	2-Pentyne-1,4-diol, 1-(2-furanyl...	180	C10H12O3	1000351-33-1	25
3	5-Hydroxy-4-hydroxymethyl-1-(1-h...	186	C10H18O3	087096-72-8	16
4	2-Methyl-5-(2,6,6-trimethyl-cycl...	240	C15H28O2	060714-01-4	16
5	Cyclopentanemethanol, 1-hydroxy-...	224	C14H24O2	088725-85-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

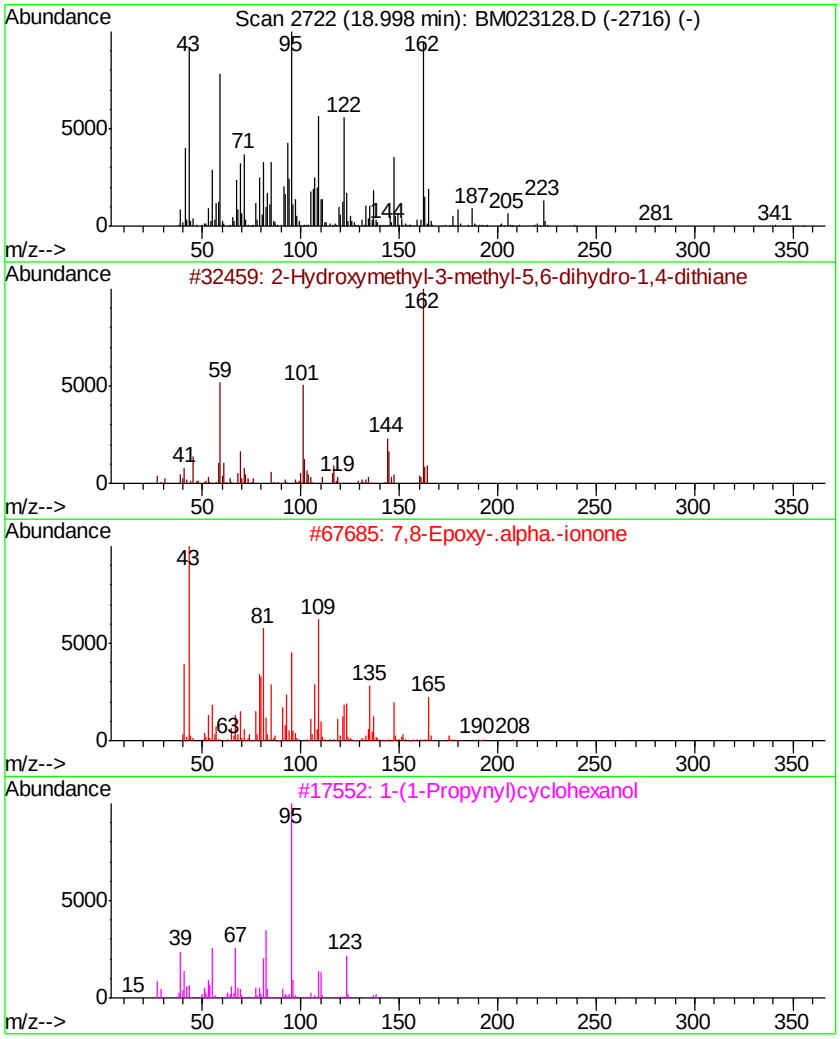
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

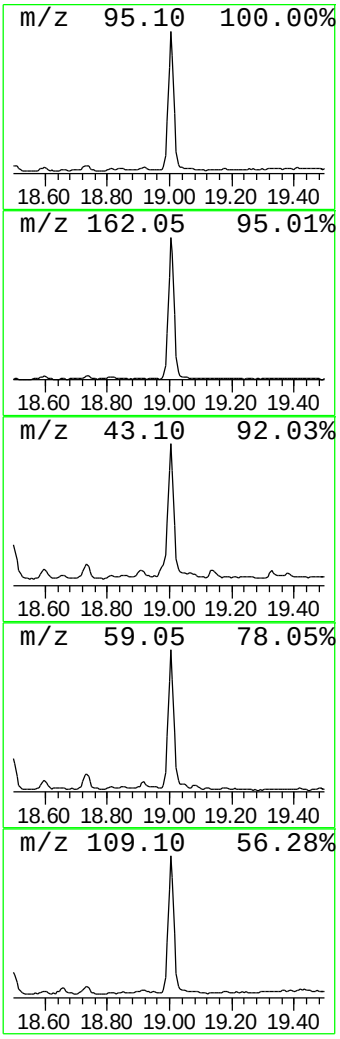
****

Peak Number 30 unknown-12 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	16.30 ng/ul	1651050	Phenanthrene-d10	17.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxymethyl-3-methyl-5,6-dih...	162	C6H10OS2	115178-22-8	25
2	7,8-Epoxy-.alpha.-ionone	208	C13H20O2	037079-64-4	25
3	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	11
4	2-Furancarboxylic acid, cyclobut...	166	C9H10O3	1000282-75-9	11
5	3-Pyrazolidinone, 1-phenyl-	162	C9H10N2O	000092-43-3	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

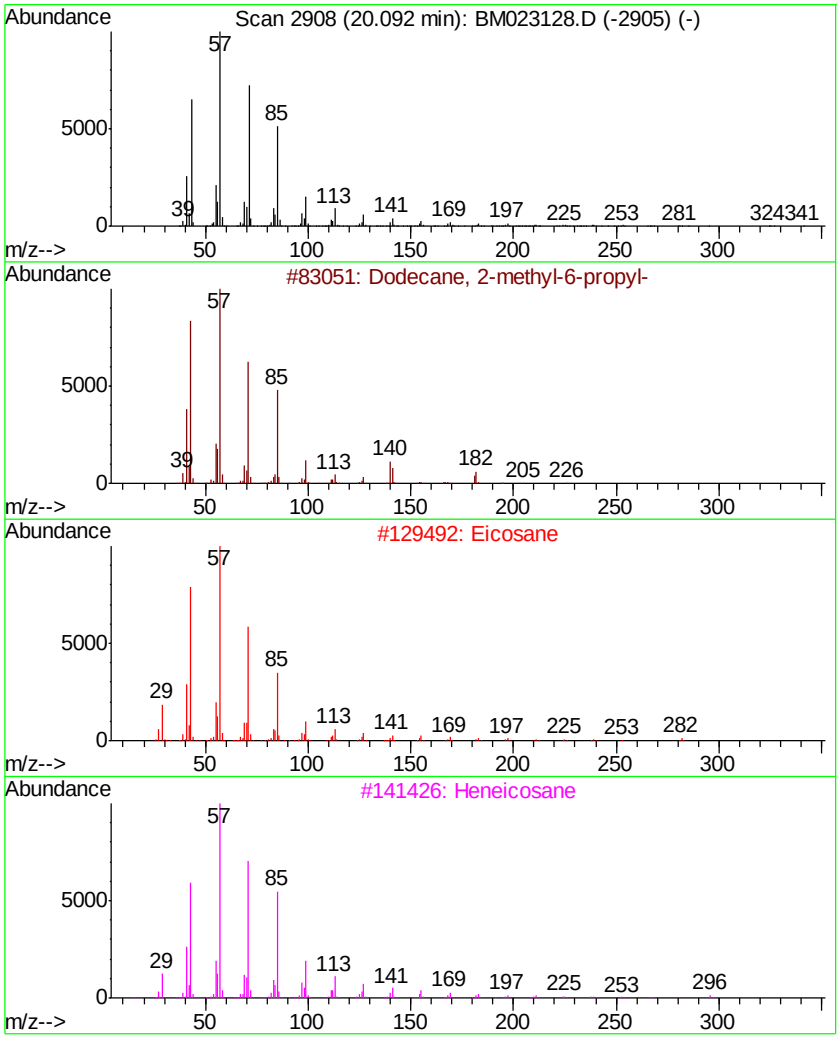
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

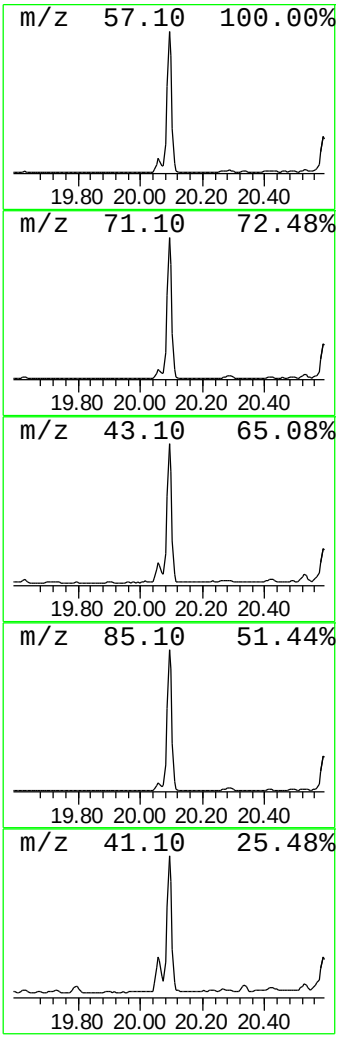
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	18.53 ng/ul	1944260	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
5	Tetracosane	338	C24H50	000646-31-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

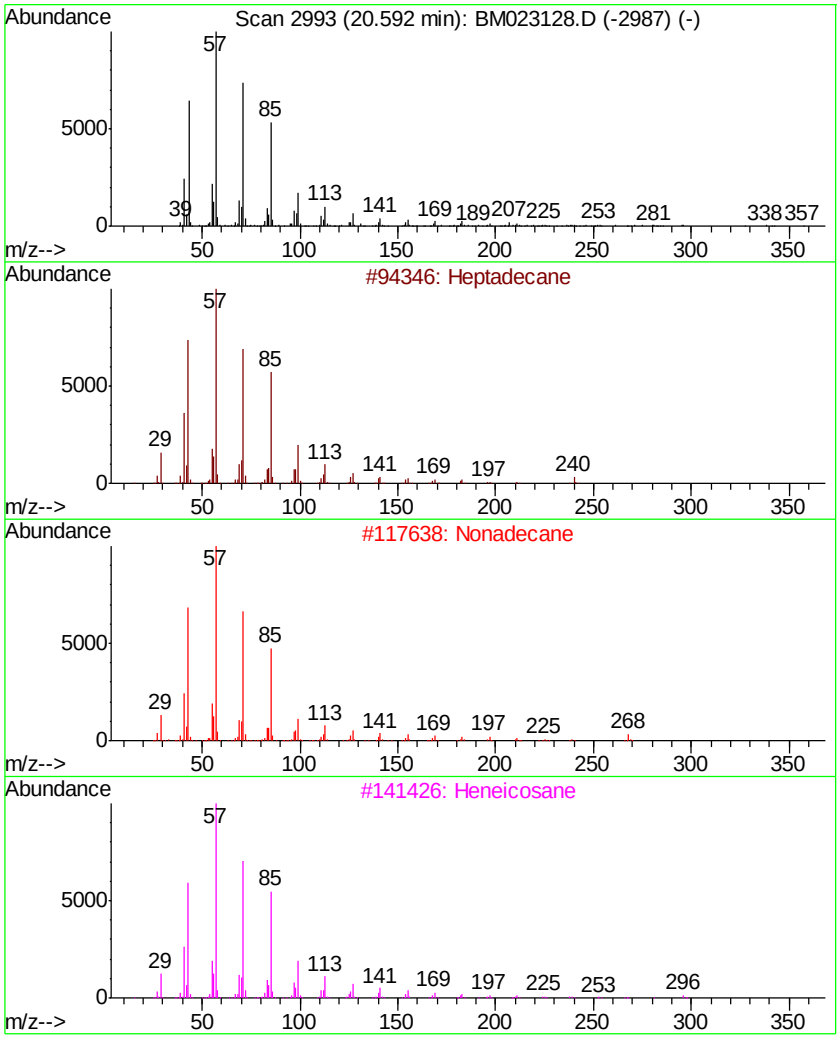
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

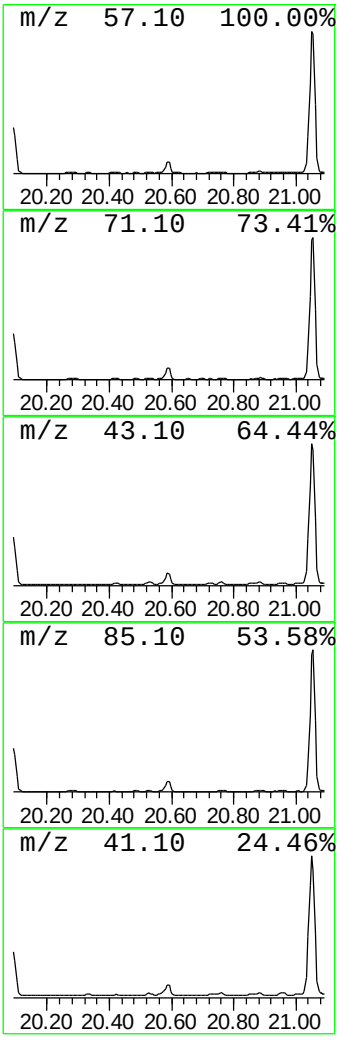
****

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	5.95 ng/ul	623892	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonadecane	268	C19H40	000629-92-5	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Triacontane	422	C30H62	000638-68-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

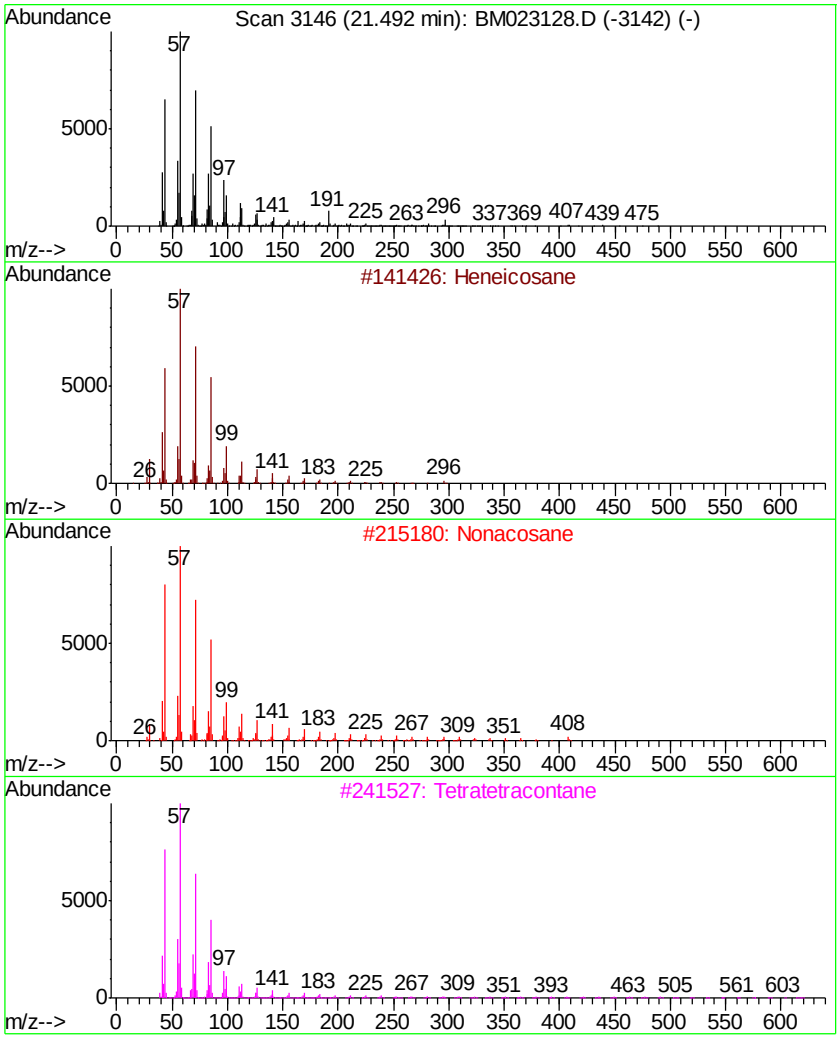
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

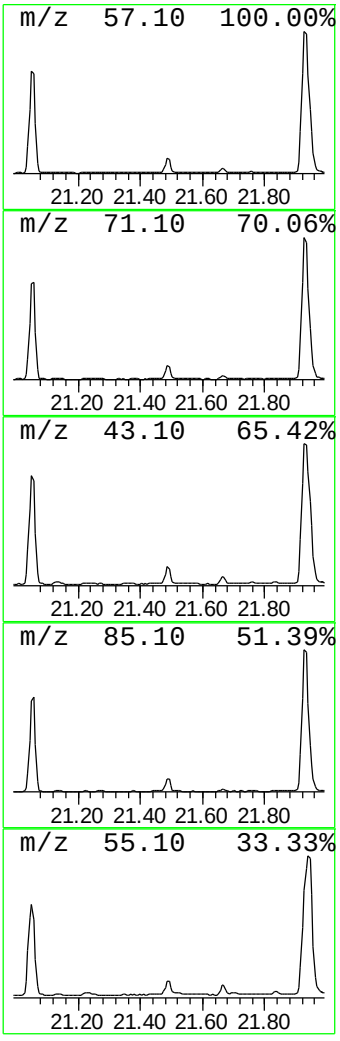
****

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	10.93 ng/ul	1146450	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonacosane	408	C29H60	000630-03-5	89
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	Tritetracontane	605	C43H88	007098-21-7	87
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

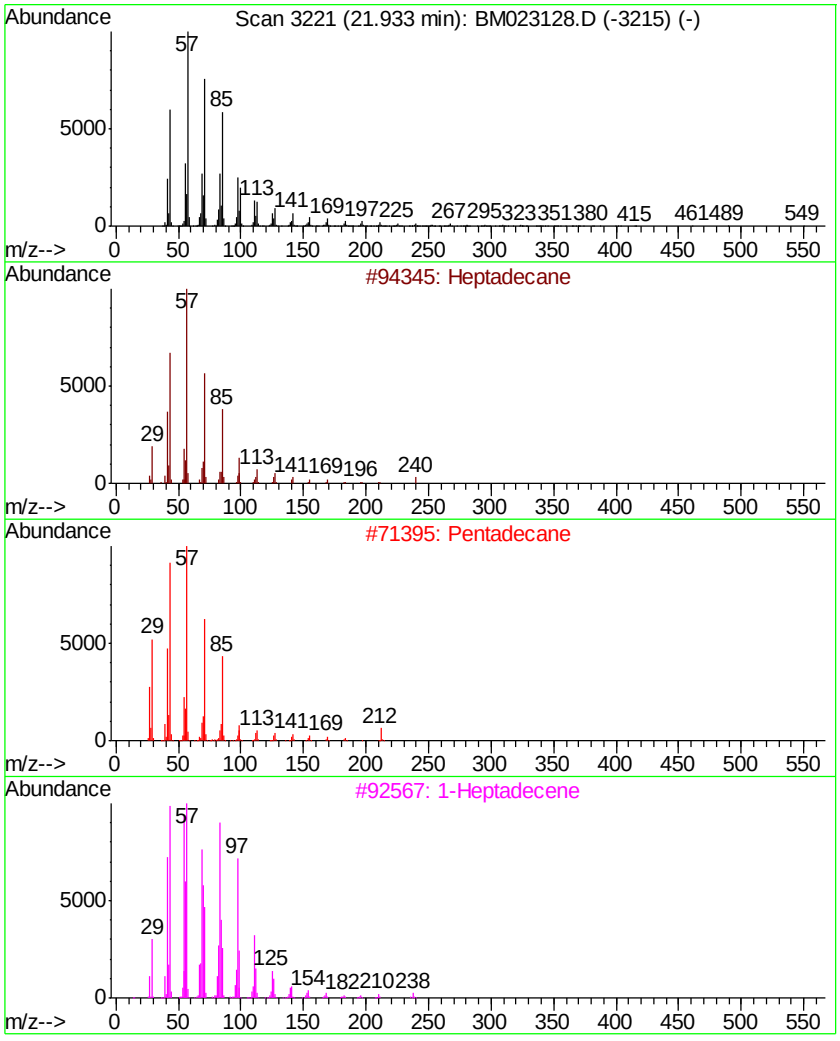
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

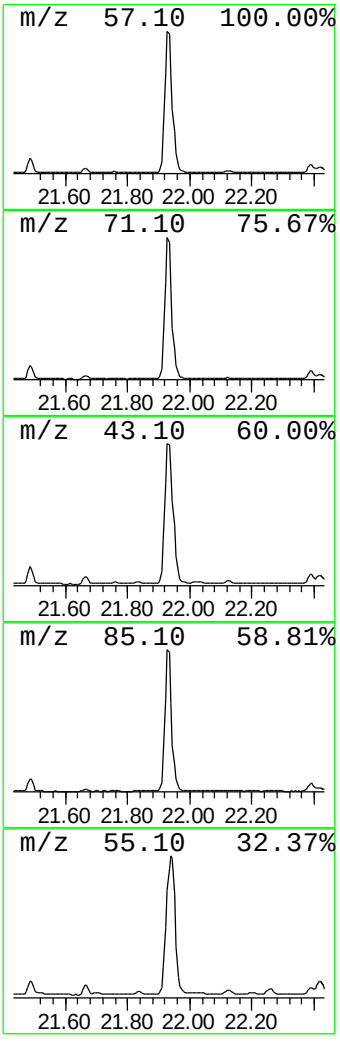
****

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	180.76 ng/ul	18962600	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Pentadecane	212	C15H32	000629-62-9	93
3	1-Heptadecene	238	C17H34	006765-39-5	93
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

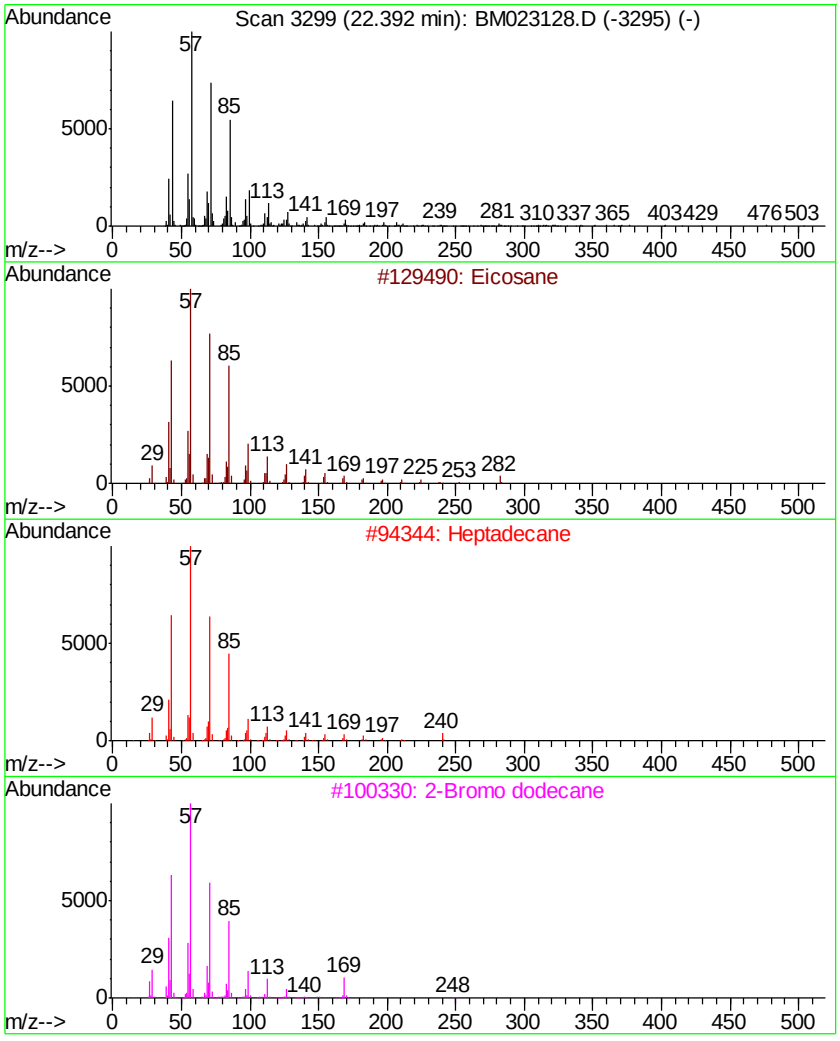
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

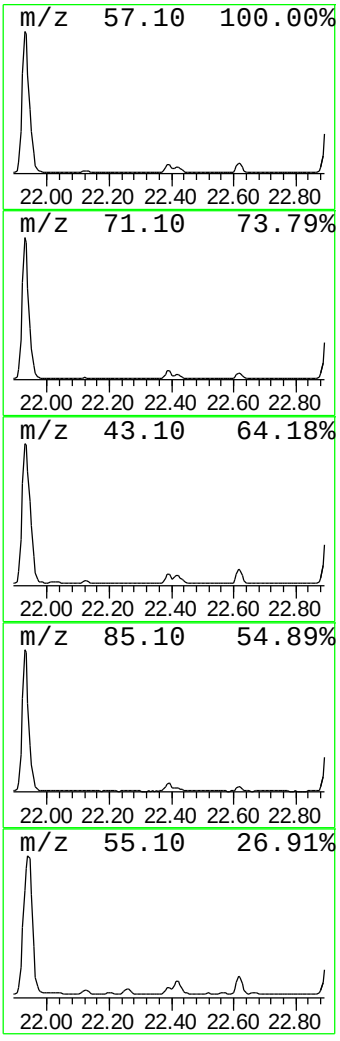
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	7.06 ng/ul	740917	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptadecane	240	C17H36	000629-78-7	94
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

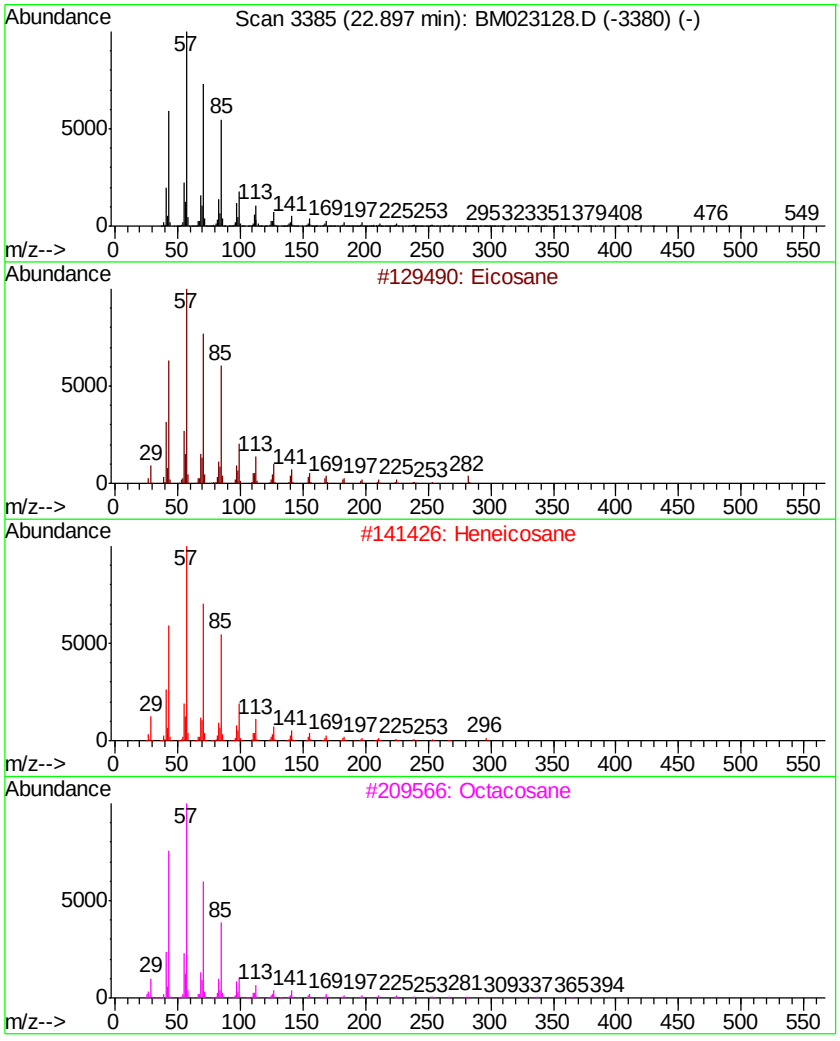
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

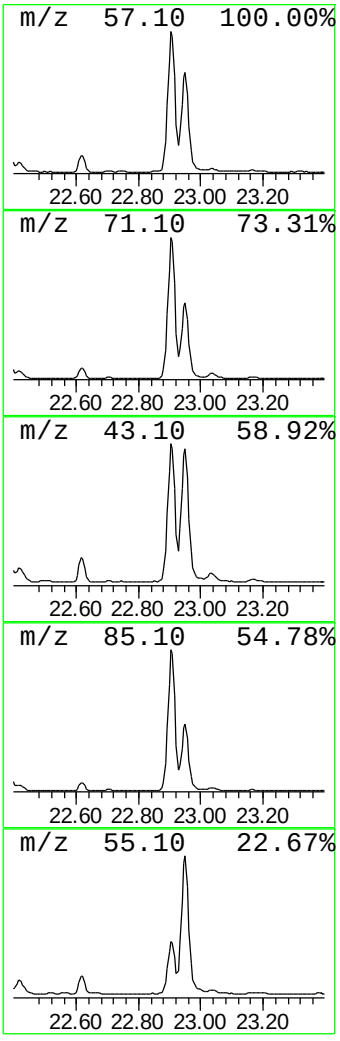
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	58.73 ng/ul	8129280	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

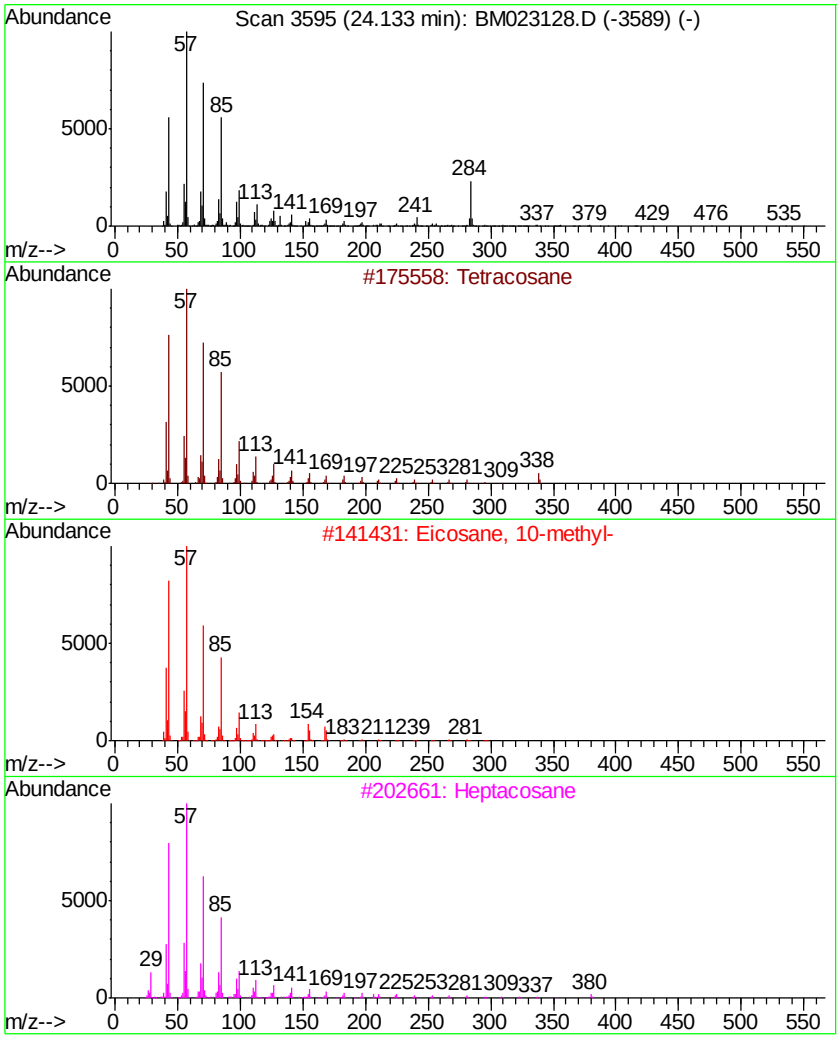
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

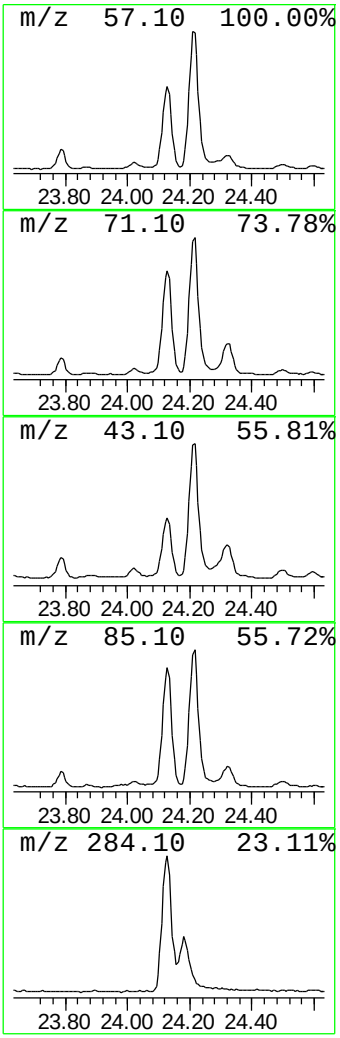
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	13.98 ng/ul	1934620	Perylene-d12	23.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	89
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101119\
Data File : BM023128.D
Acq On : 11 Oct 2019 14:08
Operator : JU
Sample : K5124-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLM78

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzyl alcohol	8.01	3.7	ng/ul	179129	1	7.77	964427	20.0
Catechol	10.35	2.5	ng/ul	163262	2	10.56	1303970	20.0
Benzofuran, 2,3-d...	10.78	10.1	ng/ul	660039	2	10.56	1303970	20.0
Benzaldehyde, 4-h...	12.73	3.8	ng/ul	375334	3	14.40	1961920	20.0
Phenol, 4-propyl-	12.89	3.3	ng/ul	326646	3	14.40	1961920	20.0
trans-Cinnamic acid	13.54	10.4	ng/ul	1017150	3	14.40	1961920	20.0
Acetophenone, 4'-...	13.67	2.3	ng/ul	226252	3	14.40	1961920	20.0
unknown-01	14.67	3.9	ng/ul	384204	3	14.40	1961920	20.0
unknown-02	14.87	4.0	ng/ul	397725	3	14.40	1961920	20.0
2-Naphthalenemeth...	15.80	30.0	ng/ul	3039060	4	17.14	2026370	20.0
(-)-Aristolene	15.84	5.4	ng/ul	544329	4	17.14	2026370	20.0
Naphthalene, 1,2,...	15.87	3.9	ng/ul	390760	4	17.14	2026370	20.0
N-.alpha.-t-Boc-L...	15.92	3.4	ng/ul	341364	4	17.14	2026370	20.0
Benzene, 1,2,4-tr...	15.97	3.9	ng/ul	397018	4	17.14	2026370	20.0
.alpha.-Bisabolol	16.15	2.6	ng/ul	262205	4	17.14	2026370	20.0
Tri(2-chloroethyl...	16.65	6.0	ng/ul	604983	4	17.14	2026370	20.0
unknown-03	17.04	11.9	ng/ul	1207060	4	17.14	2026370	20.0
2-Naphthalenemeth...	17.35	67.3	ng/ul	6818540	4	17.14	2026370	20.0
unknown-04	17.54	2.8	ng/ul	279285	4	17.14	2026370	20.0
unknown-05	17.61	4.7	ng/ul	477031	4	17.14	2026370	20.0
unknown-06	17.65	8.2	ng/ul	834011	4	17.14	2026370	20.0
unknown-07	17.86	4.3	ng/ul	434549	4	17.14	2026370	20.0
n-Hexadecanoic acid	18.04	4.8	ng/ul	483801	4	17.14	2026370	20.0
unknown-08	18.12	2.1	ng/ul	217557	4	17.14	2026370	20.0
unknown-09	18.27	3.1	ng/ul	312472	4	17.14	2026370	20.0
2-Methoxybenzoic ...	18.42	5.4	ng/ul	542866	4	17.14	2026370	20.0
unknown-10	18.50	3.3	ng/ul	334172	4	17.14	2026370	20.0
unknown-11	18.73	2.2	ng/ul	218415	4	17.14	2026370	20.0
unknown-12	19.00	16.3	ng/ul	1651050	4	17.14	2026370	20.0
(DEL) Alkane: Str...	20.09	18.5	ng/ul	1944260	5	21.33	2098070	20.0
(DEL) Alkane: Str...	20.59	6.0	ng/ul	623892	5	21.33	2098070	20.0
(DEL) Alkane: Str...	21.49	10.9	ng/ul	1146450	5	21.33	2098070	20.0
(DEL) Alkane: Str...	21.93	180.8	ng/ul	18962600	5	21.33	2098070	20.0
(DEL) Alkane: Str...	22.39	7.1	ng/ul	740917	5	21.33	2098070	20.0
(DEL) Alkane: Str...	22.90	58.7	ng/ul	8129280	6	23.59	2768240	20.0
(DEL) Alkane: Str...	24.13	14.0	ng/ul	1934620	6	23.59	2768240	20.0