LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

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-BM112719MA.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	3.046	22	27	37	rBV2	913384	1189317	1.25%	0.370%
2	3.311	70	72	78	rBV	169997	279105	0.29%	0.087%
3	3.740	139	145	150	rVV	1082730	1462027	1.53%	0.455%
4	5.028	358	364	371	rVB	494244	703950	0.74%	0.219%
5	5.158	380	386	397	rBV	1144297	2342130	2.46%	0.729%
6	5.499	435	444	455	rBV2	1121467	2621685	2.75%	0.816%
7	6.475	605	610	619	rBV2	175701	307346	0.32%	0.096%
8	6.587	619	629	634	rBV	638253	976587	1.03%	0.304%
9	6.646	634	639	641	rBV2	691366	1117006	1.17%	0.348%
10	6.675	641	644	649	rVB	1332052	1896398	1.99%	0.590%
11	6.834	665	671	676	rBV	1418400	2177080	2.29%	0.677%
12	6.881	676	679	684	rVB	258635	370963	0.39%	0.115%
13	7.022	698	703	713	rVV	1903640	3005618	3.16%	0.935%
14	7.140	716	723	731	rVB	995912	1622297	1.70%	0.505%
15	7.487	774	782	788	rBV	1855618	2932448	3.08%	0.912%
16	7.569	791	796	798	rVV	126989	217446	0.23%	0.068%
17	7.599	798	801	810	rVB	268720	434870	0.46%	0.135%
18	7.851	838	844	853	rVB	162282	271387	0.28%	0.084%
19	8.034	870	875	881	rVB2	255868	390436	0.41%	0.121%
20	8.122	885	890	896	rBV2	332988	533511	0.56%	0.166%
21	8.204	898	904	910	rVV	2064990	3234271	3.40%	1.006%
22	8.310	918	922	929	rVB	465561	761183	0.80%	0.237%
23	8.487	948	952	958	rVB	123939	188245	0.20%	0.059%
24	8.587	961	969	972	rBV	335075	542745	0.57%	0.169%
25	8.640	972	978	987	rVV	1576595	2789352	2.93%	0.868%
26	8.716	987	991	999	rVB	198992	303215	0.32%	0.094%
27	9.104	1048	1057	1062	rVV2	119992	277207	0.29%	0.086%
28	9.163	1062	1067	1075	rVB	182523	322560	0.34%	0.100%
29	9.351	1093	1099	1106	rBV	1338115	2272706	2.39%	0.707%
30	9.663	1148	1152	1158	rVB3	175543	308750	0.32%	0.096%
31	9.893	1182	1191	1200	rVV	2209129	3811280	4.00%	1.186%
32	9.975	1200	1205	1213	rVB	102238	173490	0.18%	0.054%
33	10.134	1227	1232	1236	rBV2	126449	188802	0.20%	0.059%
34	10.257	1246	1253	1258	rBV	2651219	4290466	4.50%	1.335%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

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-BM112719MA.M
Title : SVOA CALIBRATION

35	10.310	1258	1262	1270	rVB	392738	674115	0.71%	0.210%
36	10.404	1270	1278	1289	rBV	1214502	2302131	2.42%	0.716%
37	11.310	1426	1432	1438	rBV6	95693	238071	0.25%	0.074%
38	11.451	1450	1456	1460	rBV2	148024	236868	0.25%	0.074%
39	11.716	1496	1501	1509	rVB	186386	325076	0.34%	0.101%
40	11.934	1532	1538	1547	rVB	424634	772839	0.81%	0.240%
41	12.028	1547	1554	1559	rBV7	93744	208620	0.22%	0.065%
42	12.157	1571	1576	1580	rBV	201759	341626	0.36%	0.106%
43	12.198	1580	1583	1589	rVB2	143731	208074	0.22%	0.065%
44	12.686	1662	1666	1670	rBV3	113354	181015	0.19%	0.056%
45	12.981	1708	1716	1723	rBV2	275254	550112	0.58%	0.171%
46	13.298	1764	1770	1773	rBV3	275845	501966	0.53%	0.156%
47	13.463	1794	1798	1803	rVB3	154245	256261	0.27%	0.080%
48	13.516	1803	1807	1811	rBV2	154527	205325	0.22%	0.064%
49	13.569	1811	1816	1821	rBV	3643052	5460801	5.73%	1.699%
50	13.616	1821	1824	1828	rVV	1013220	1322360	1.39%	0.411%
51	13.833	1854	1861	1873	rBV	4536801	7014811	7.36%	2.183%
52	13.933	1873	1878	1883	rVV	408692	618018	0.65%	0.192%
53	14.075	1898	1902	1905	rVB	269550	328302	0.34%	0.102%
54	14.145	1906	1914	1920	rBV2	3744814	5714752	6.00%	1.778%
55	14.380	1948	1954	1968	rVB2	1076799	2055901	2.16%	0.640%
56	14.604	1987	1992	1996	rBV	592732	778766	0.82%	0.242%
57	14.698	2005	2008	2015	rVB6	136447	231173	0.24%	0.072%
58	14.775	2017	2021	2024	rBV5	110438	211862	0.22%	0.066%
59	14.875	2034	2038	2044	rBV	411129	600117	0.63%	0.187%
60	15.033	2061	2065	2069	rVB	294675	333108	0.35%	0.104%
61	15.151	2078	2085	2090	rBV	5318037	8141951	8.55%	2.533%
62	15.204	2090	2094	2098	rVB2	213518	302988	0.32%	0.094%
63	15.292	2104	2109	2113	rBV	769097	1035053	1.09%	0.322%
64	15.445	2132	2135	2139	rVB2	234621	310769	0.33%	0.097%
65	15.898	2208	2212	2214	rBV2	301673	397120	0.42%	0.124%
66	16.263	2270	2274	2279	rBV2	313705	446384	0.47%	0.139%
67	16.422	2298	2301	2307	rBV	279473	408783	0.43%	0.127%
68	16.516	2313	2317	2321	rVB	780442	1010099	1.06%	0.314%
69	16.610	2330	2333	2336	rVB	337394	375625	0.39%	0.117%
70	16.686	2342	2346	2350	rBV2	1112561	1431678	1.50%	0.445%
71	16.792	2360	2364	2367	rVB	315599	386949	0.41%	0.120%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

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-BM112719MA.M
Title : SVOA CALIBRATION

72	16.898	2377	2382	2386	rBV	4023282	5838864	6.13%	1.817%
73	16.939	2386	2389	2394	rVB	1416985	1893486	1.99%	0.589%
74	16.998	2394	2399	2404	rBV2	5862330	8185507	8.59%	2.547%
75	17.174	2426	2429	2437	rVB	265088	389362	0.41%	0.121%
76	17.310	2449	2452	2457	rBV2	394602	570846	0.60%	0.178%
77	17.498	2479	2484	2485	rBV3	867262	1322874	1.39%	0.412%
78	17.610	2498	2503	2506	rBV2	1313260	1968554	2.07%	0.613%
79	17.833	2535	2541	2547	rBV3	5551775	7678885	8.06%	2.389%
80	17.892	2547	2551	2556	rVV	3761288	4750538	4.99%	1.478%
81	17.957	2557	2562	2569	rVB	5084561	7651708	8.03%	2.381%
82	18.057	2574	2579	2582	rVV	4474726	6541805	6.87%	2.036%
83	18.116	2582	2589	2597	rVB	6352968	13484908	14.16%	4.196%
84	18.651	2676	2680	2685	rVB	2818349	3535125	3.71%	1.100%
85	18.704	2685	2689	2694	rVB3	471009	756926	0.79%	0.236%
86	18.792	2700	2704	2709	rVB	3033564	3761016	3.95%	1.170%
87	18.968	2730	2734	2742	rBV	3064127	4151979	4.36%	1.292%
88	19.121	2756	2760	2769	rBV	3775155	5098965	5.35%	1.587%
89	19.233	2775	2779	2783	rVB	1319092	1651251	1.73%	0.514%
90	19.310	2787	2792	2795	rBV	6951072	10216428	10.72%	3.179%
91	19.368	2799	2802	2806	rVB	2479352	2974876	3.12%	0.926%
92	19.686	2854	2856	2860	rVB	813029	763706	0.80%	0.238%
93	19.839	2877	2882	2885	rBV2	4342665	8062253	8.46%	2.509%
94	19.921	2892	2896	2904	rVB3	3096104	4781049	5.02%	1.488%
95	20.292	2956	2959	2965	rVB2	1161937	1541376	1.62%	0.480%
96	20.839	3049	3052	3059	rVB	3745985	5165288	5.42%	1.607%
97	21.062	3083	3090	3094	rBV2	54514050	95259508	100.00%	29.641%
98	21.109	3094	3098	3102	rVB2	5604856	8026535	8.43%	2.498%
99	23.127	3436	3441	3445	rBV	5074409	8366841	8.78%	2.603%
100	23.256	3459	3463	3469	rVB	4062988	6755269	7.09%	2.102%

Sum of corrected areas: 321381076

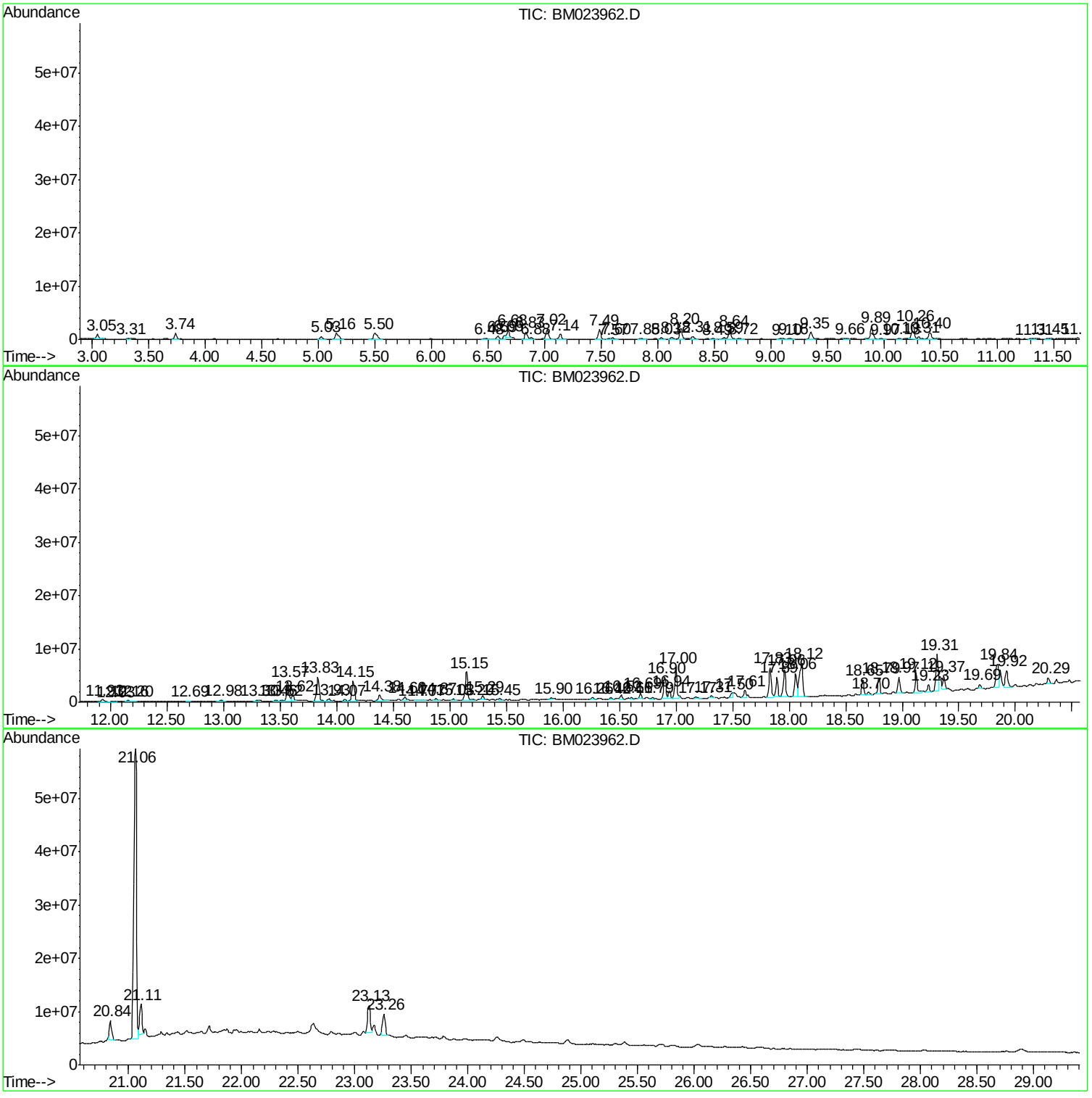
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

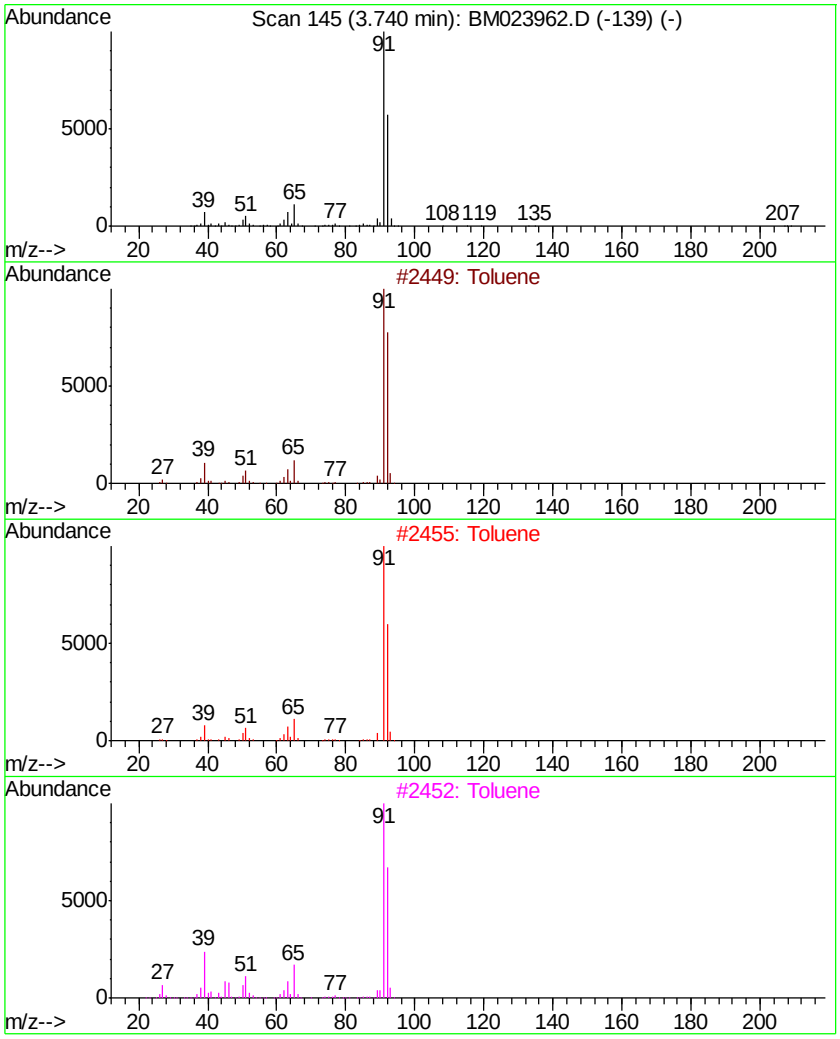
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

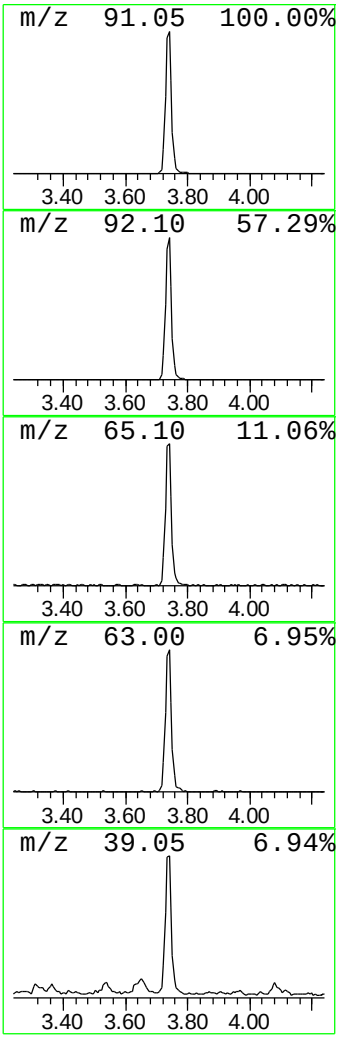
****

Peak Number 1 Toluene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	9.97 ng/ul	1462030	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

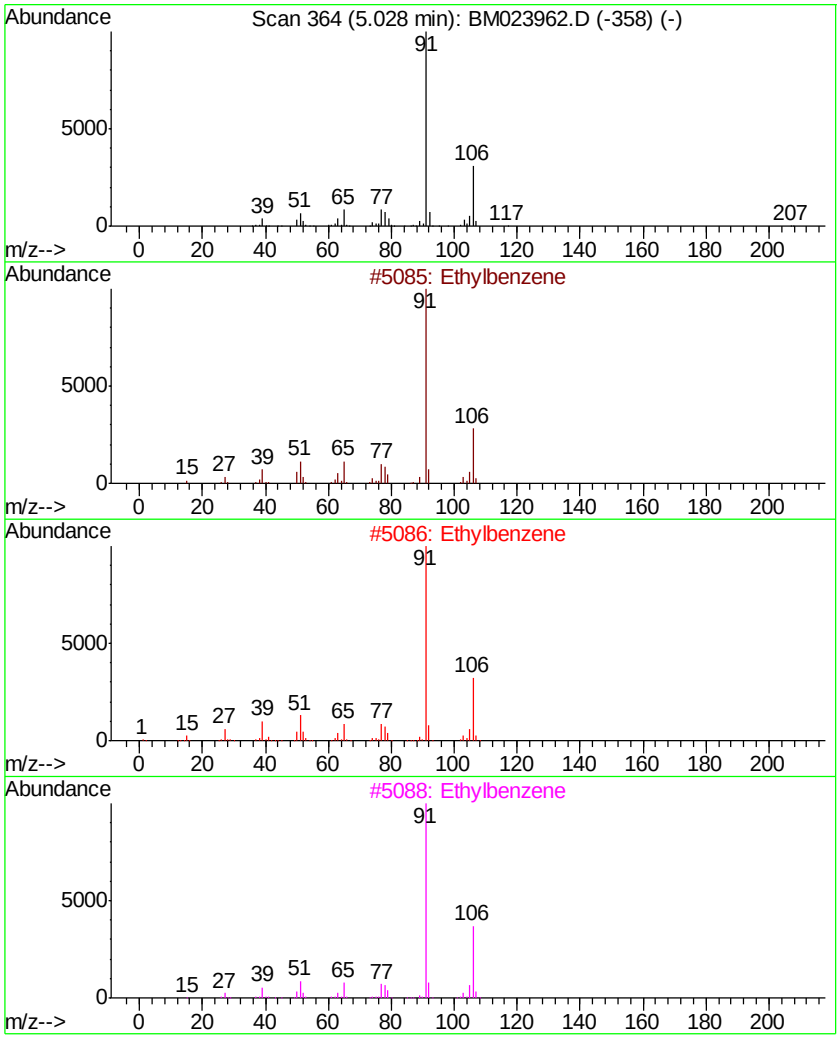
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

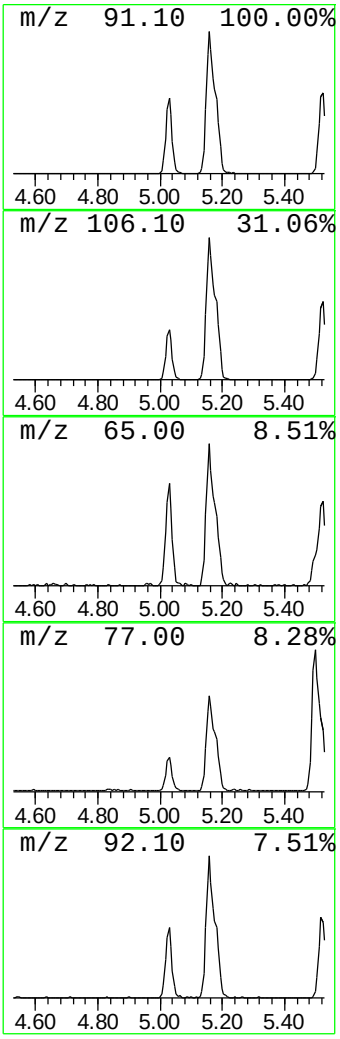
****

Peak Number 2 Ethylbenzene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.80 ng/ul	703950	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	91
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	74
5	o-Xylene	106	C8H10	000095-47-6	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

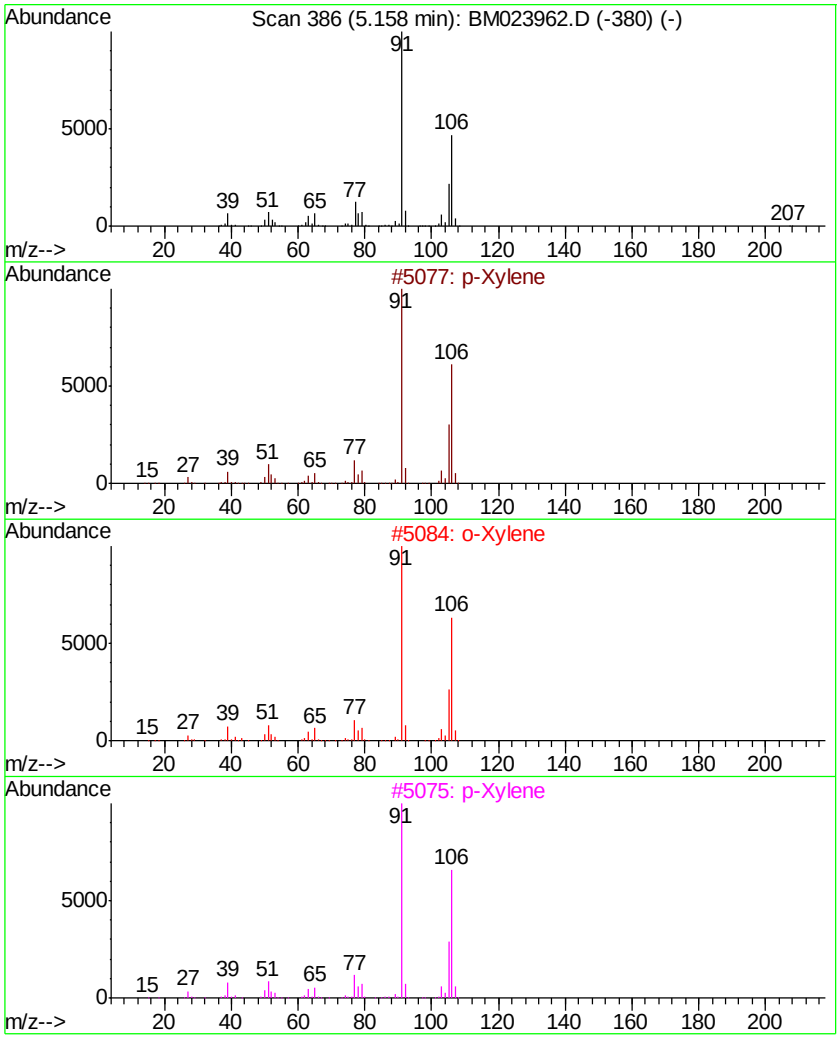
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

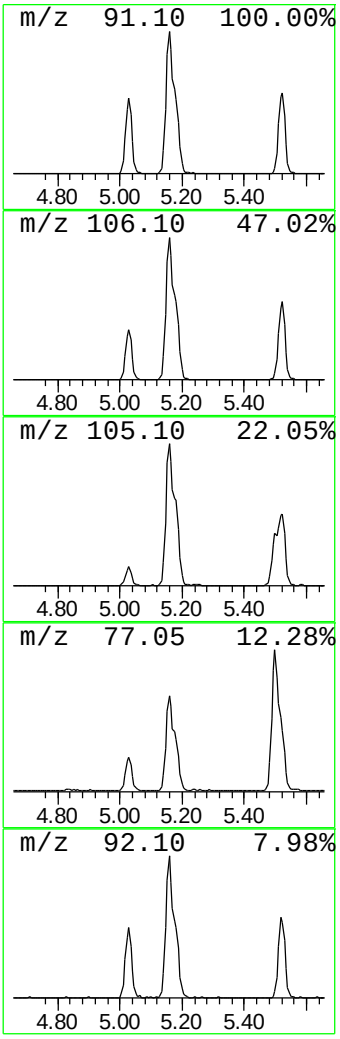
****

Peak Number 3 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	15.97 ng/ul	2342130	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	95
3	p-Xylene	106	C8H10	000106-42-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

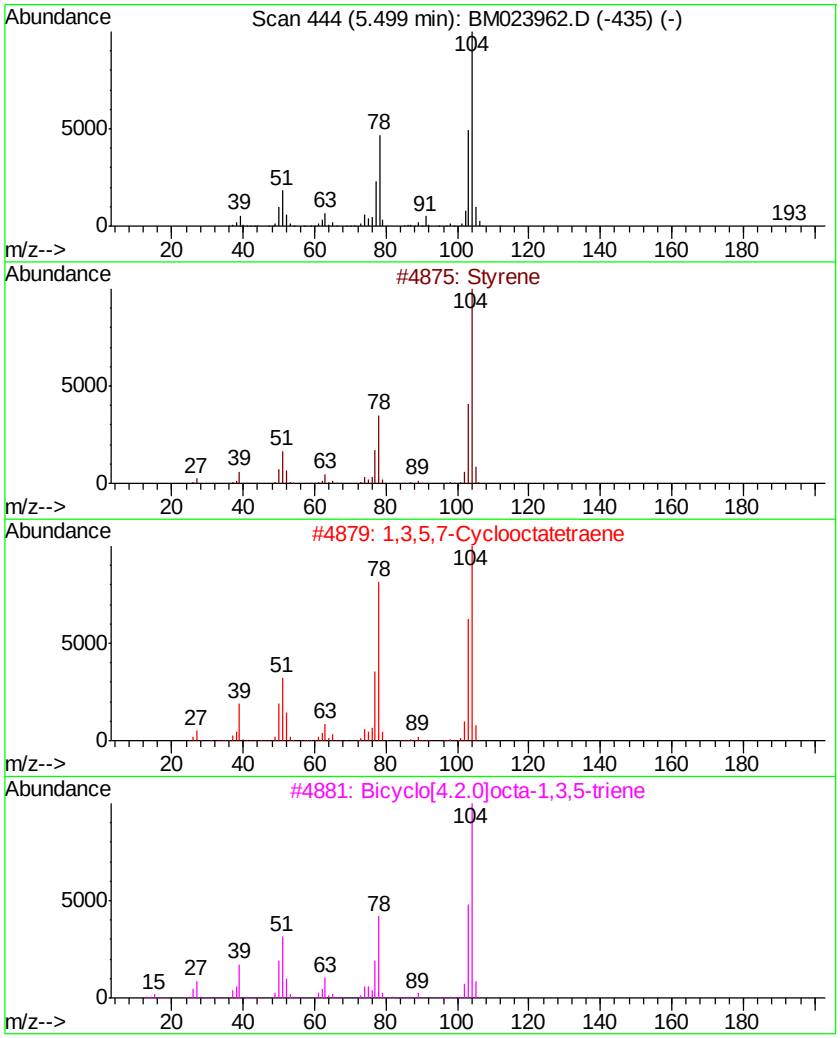
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

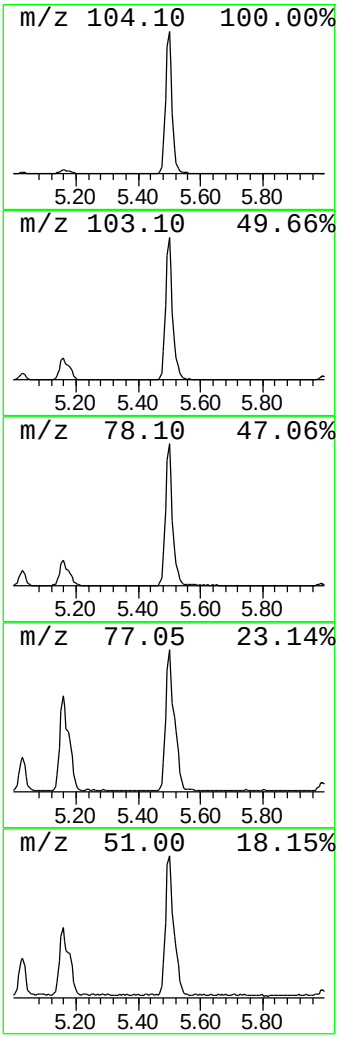
****

Peak Number 4 Styrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	17.88 ng/ul	2621690	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	97
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
5	Styrene	104	C8H8	000100-42-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

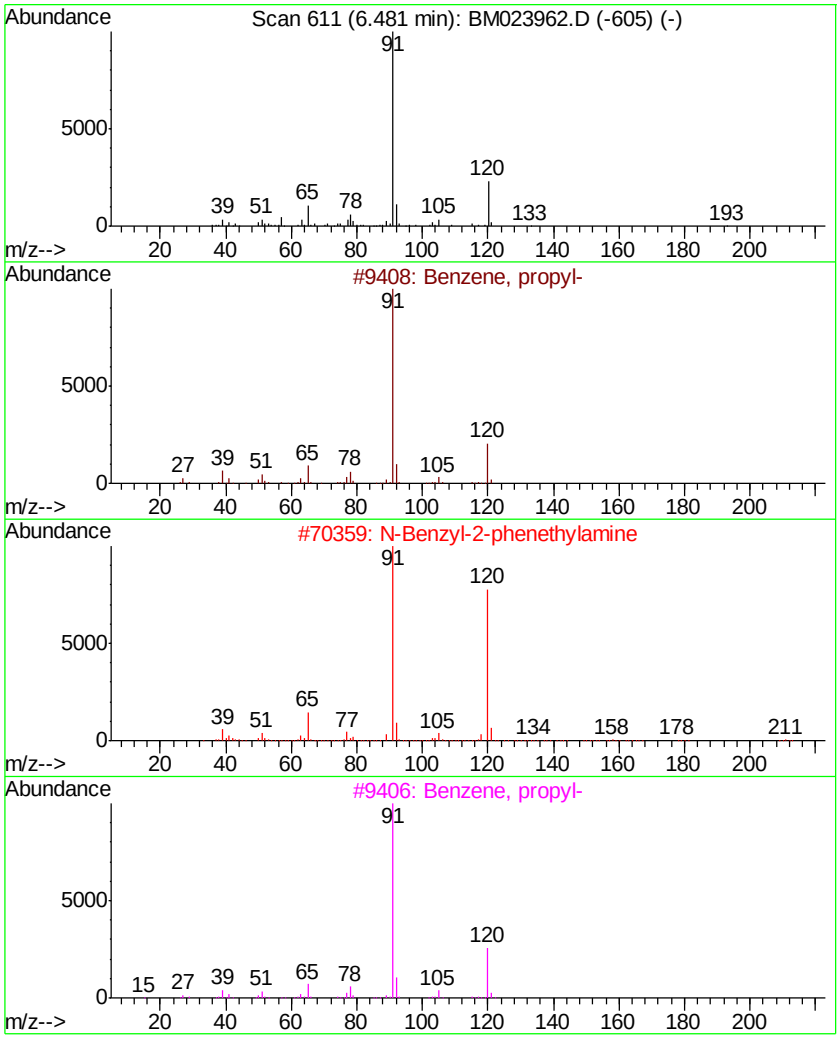
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

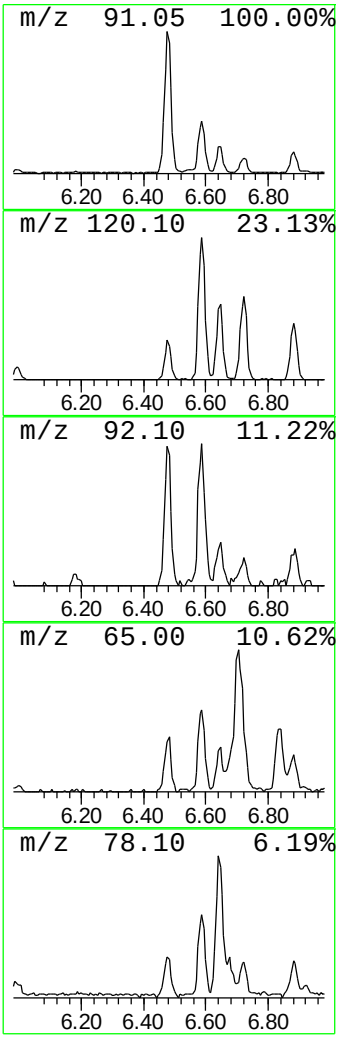
****

Peak Number 5 Benzene, propyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.10 ng/ul	307346	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	87
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	Benzene, propyl-	120	C9H12	000103-65-1	81
5	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

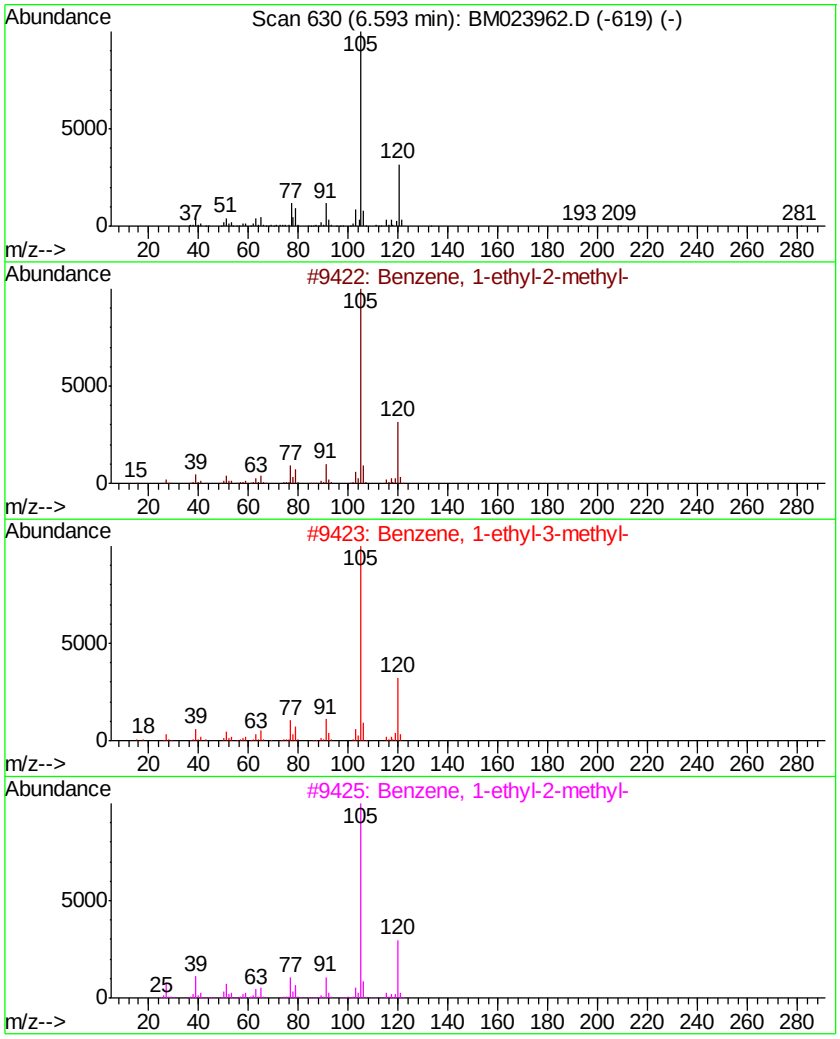
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

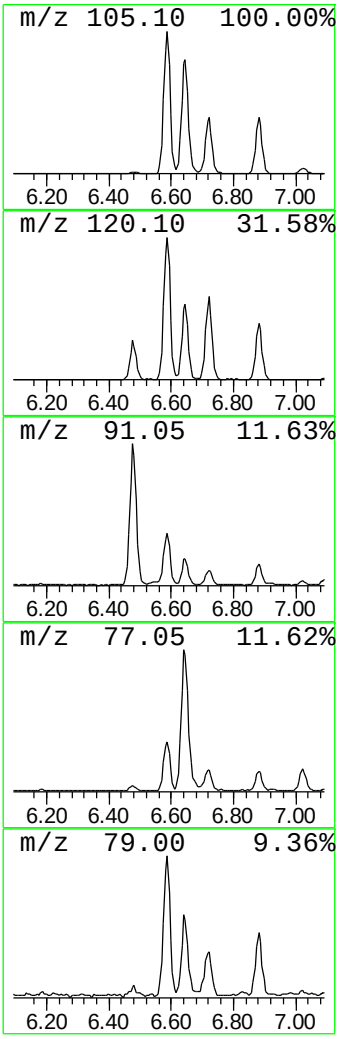
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	6.66 ng/ul	976587	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

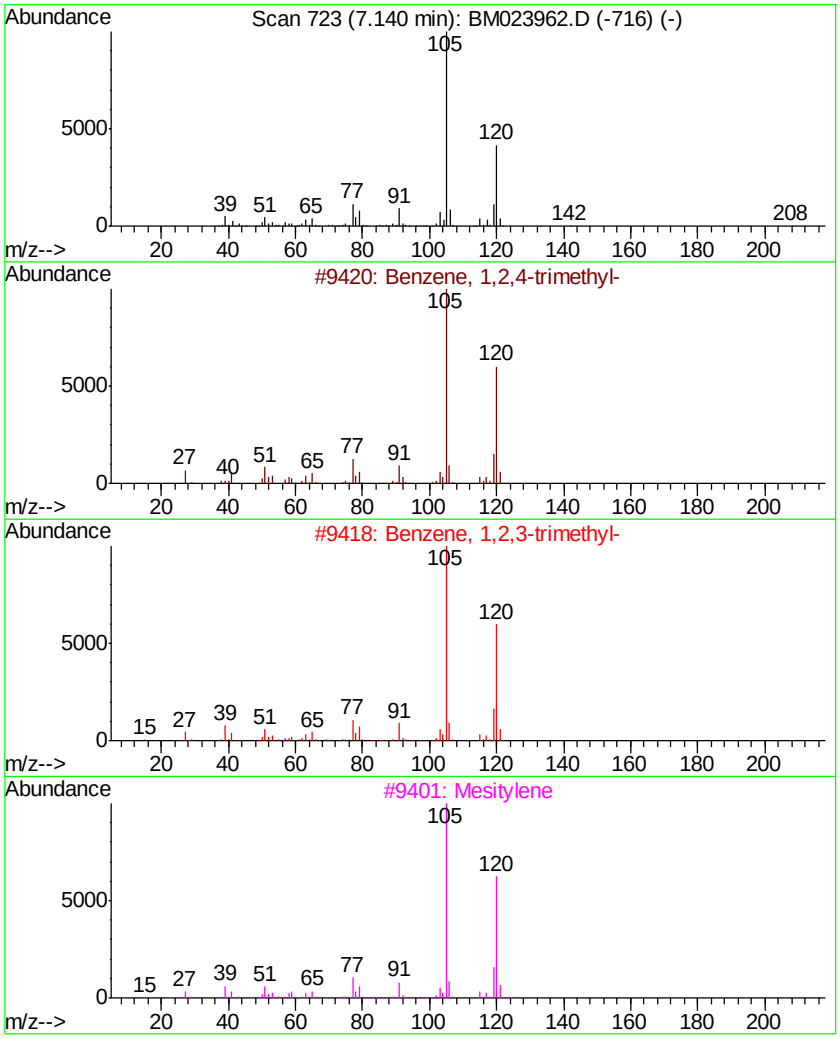
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

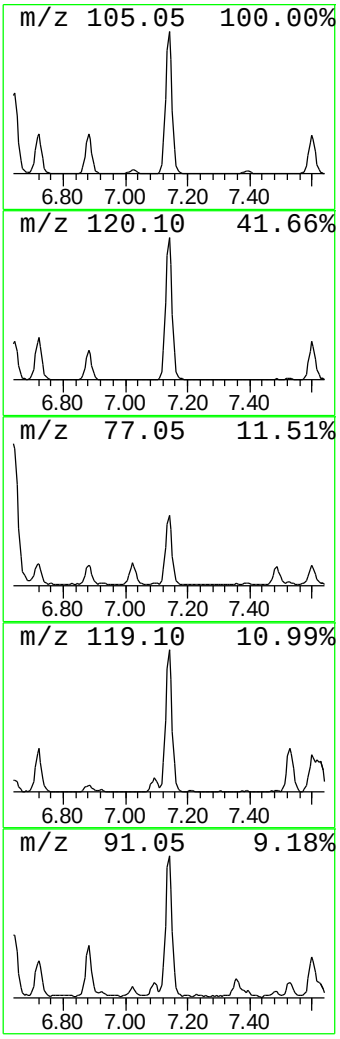
****

Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	11.06 ng/ul	1622300	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

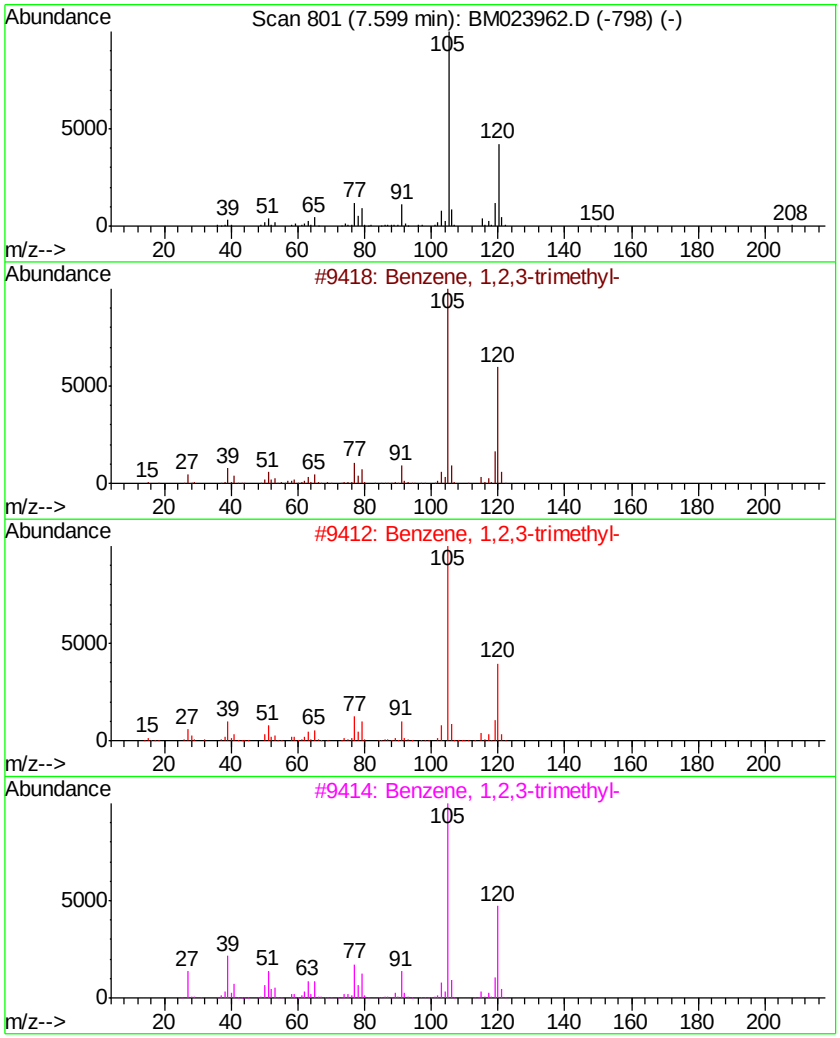
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

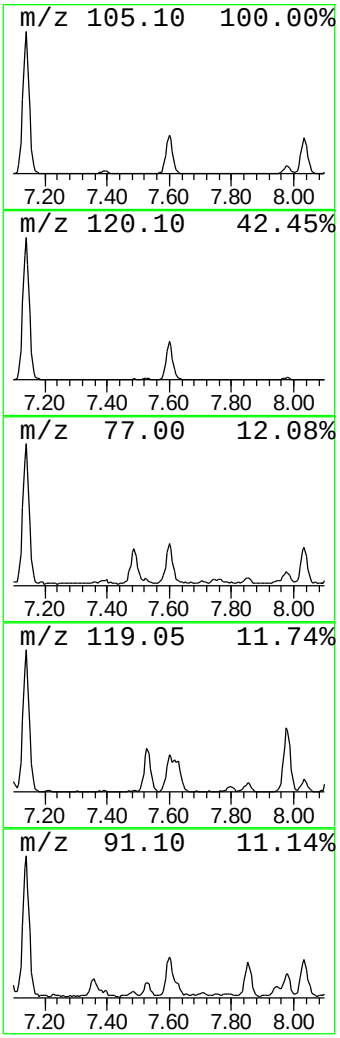
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.97 ng/ul	434870	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

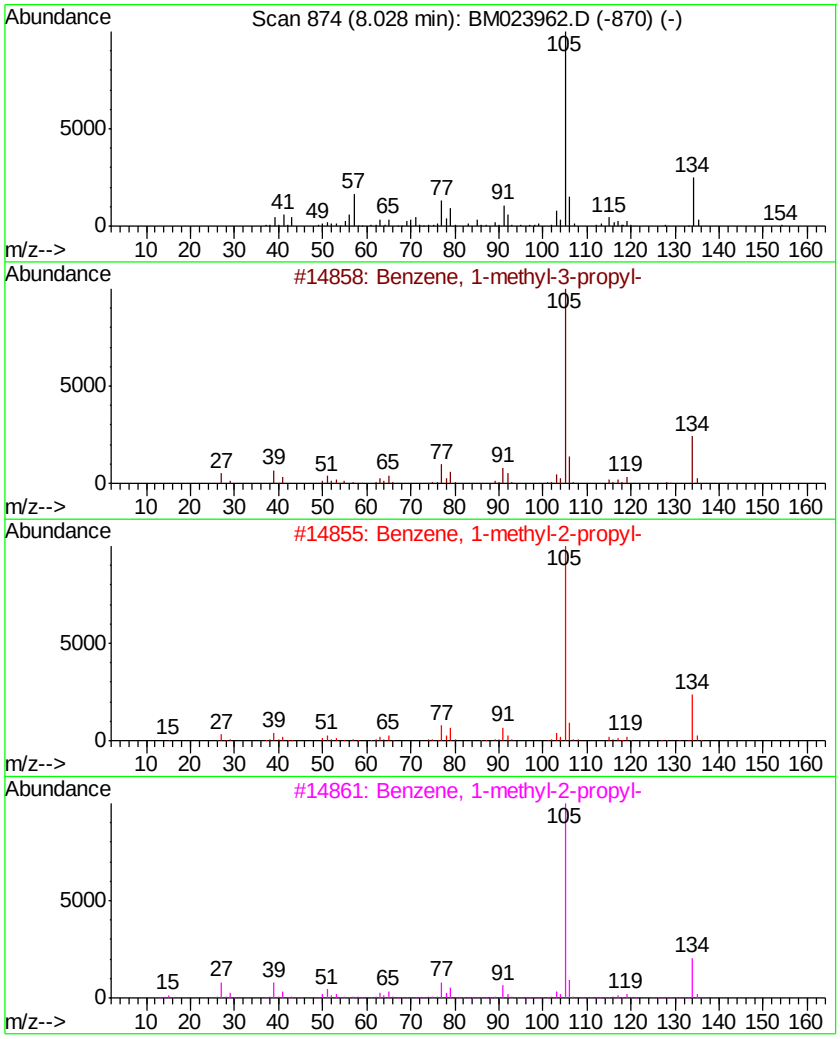
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

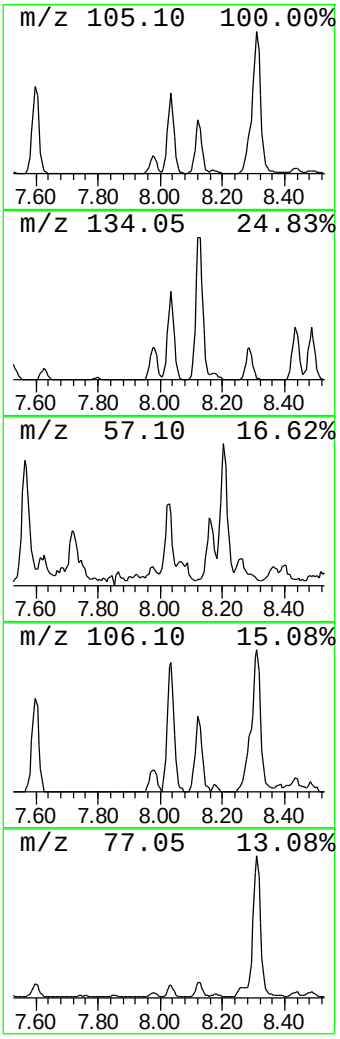
****

Peak Number 9 Benzene, 1-methyl-3-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	2.66 ng/ul	390436	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

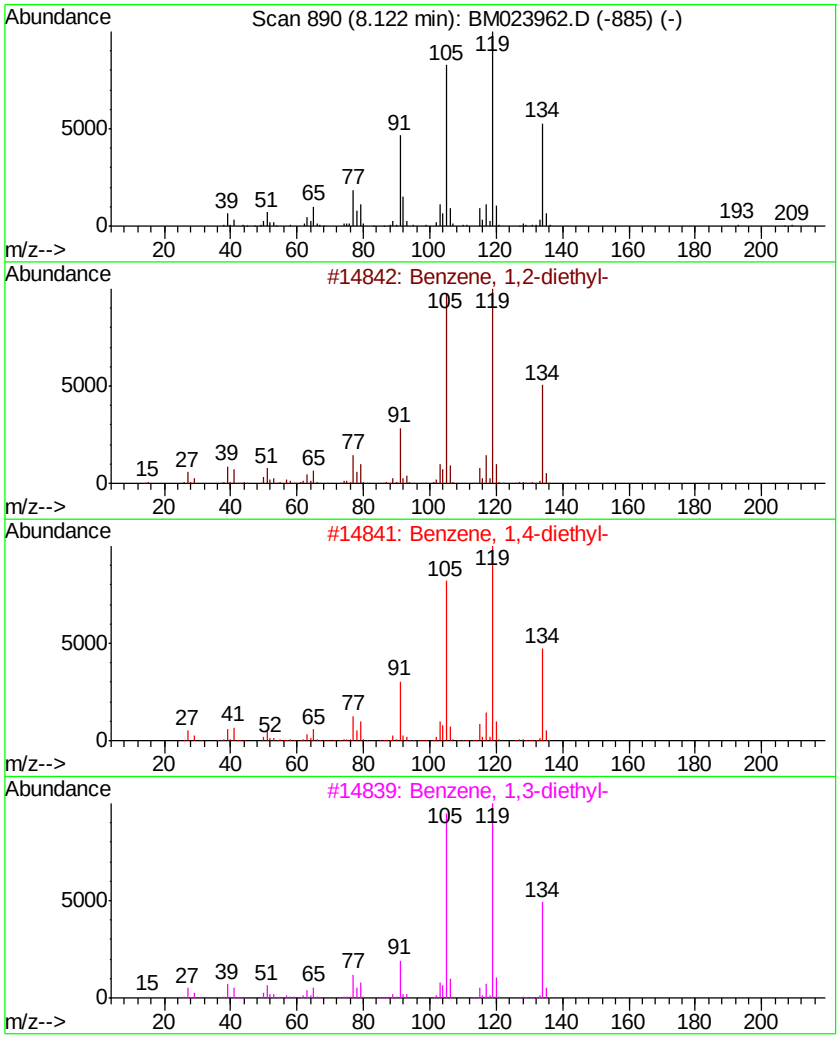
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

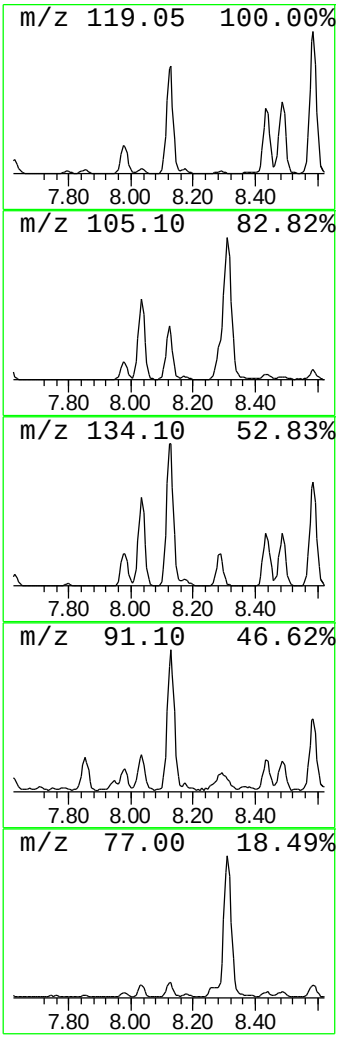
****

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	3.64 ng/ul	533511	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

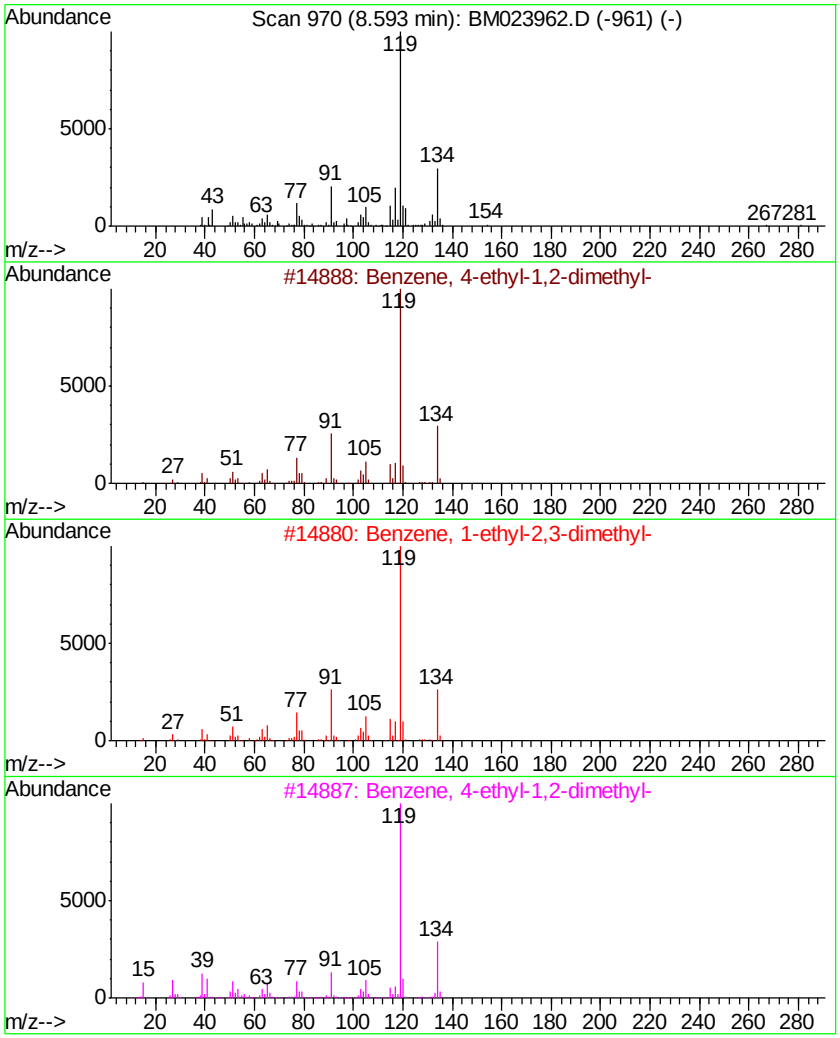
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

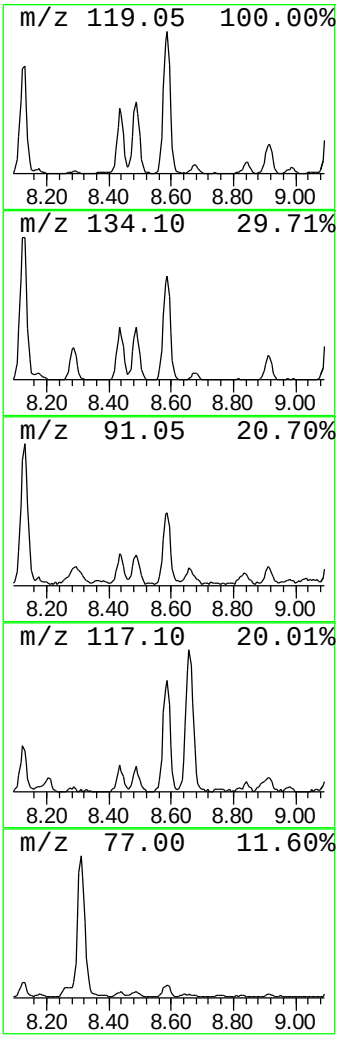
****

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	3.70 ng/ul	542745	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

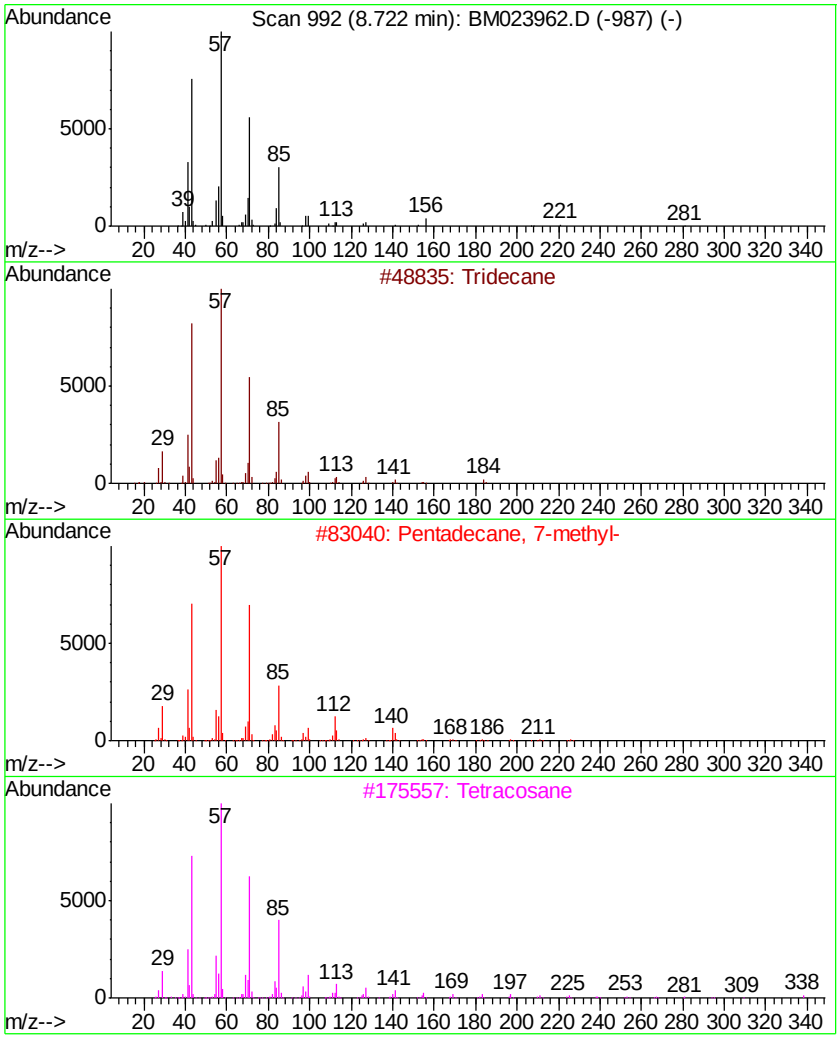
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

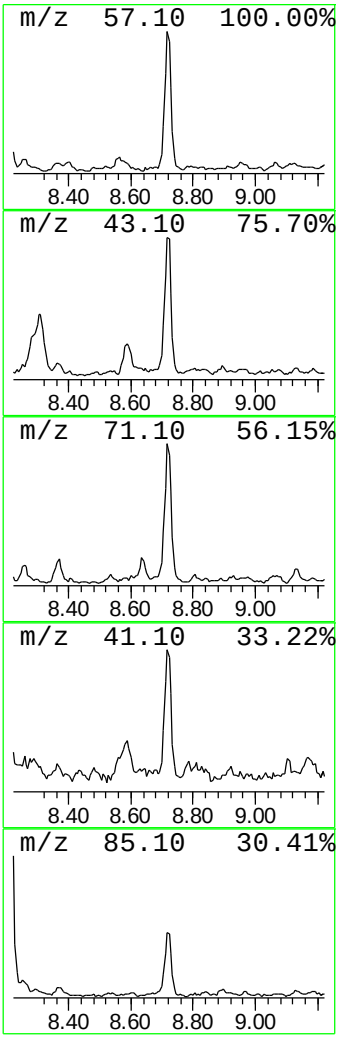
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	2.07 ng/ul	303215	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	78
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72
3	Tetracosane	338	C24H50	000646-31-1	72
4	Decane, 2-methyl-	156	C11H24	006975-98-0	72
5	Undecane	156	C11H24	001120-21-4	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

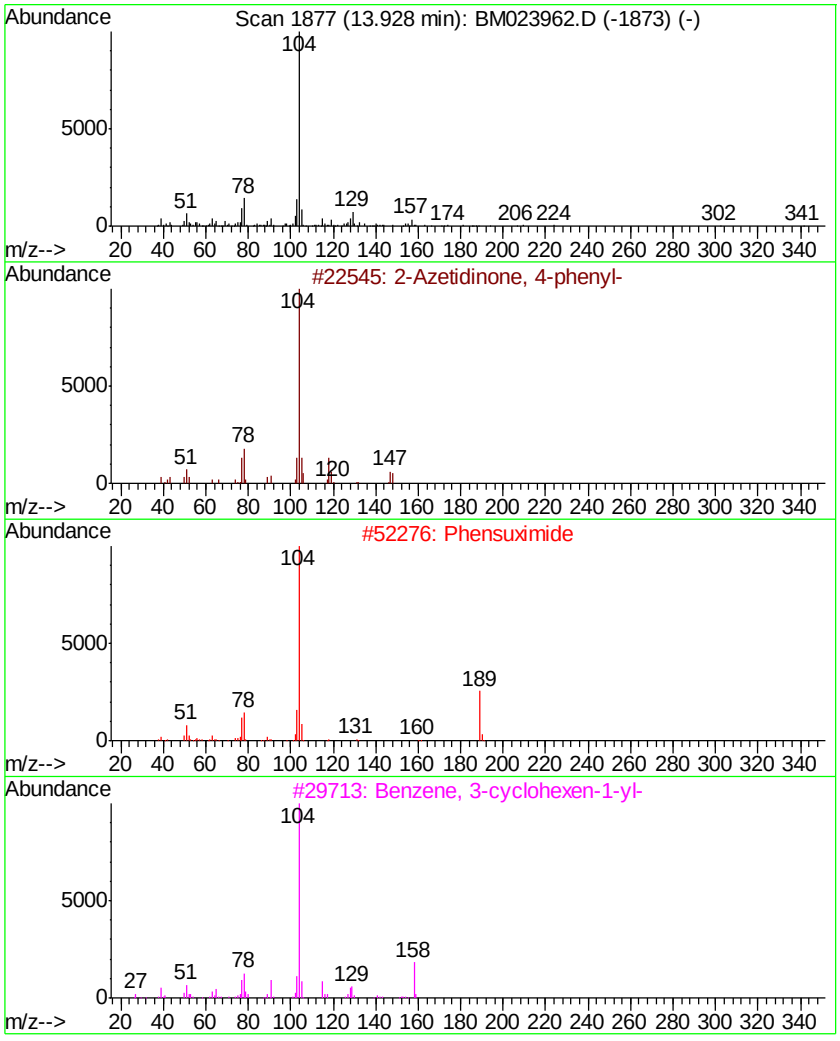
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

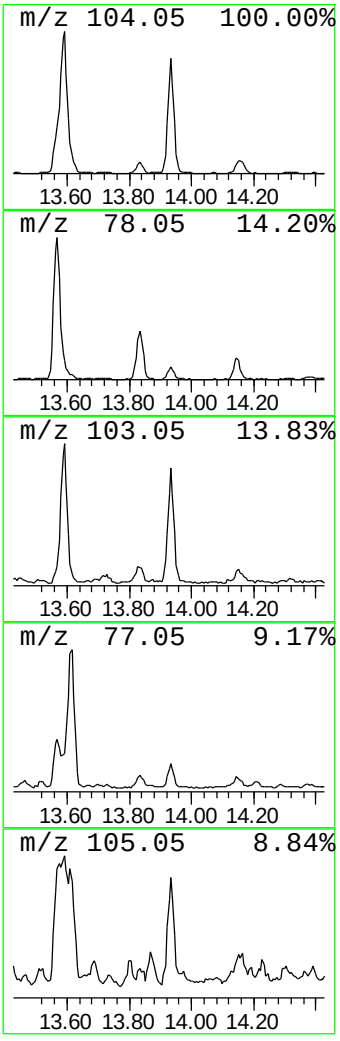
****

Peak Number 13 2-Azetidinone, 4-phenyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.16 ng/ul	618018	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azetidinone, 4-phenyl-	147	C9H9NO	005661-55-2	72
2	Phensuximide	189	C11H11NO2	000086-34-0	64
3	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	64
4	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
5	Phensuximide	189	C11H11NO2	000086-34-0	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

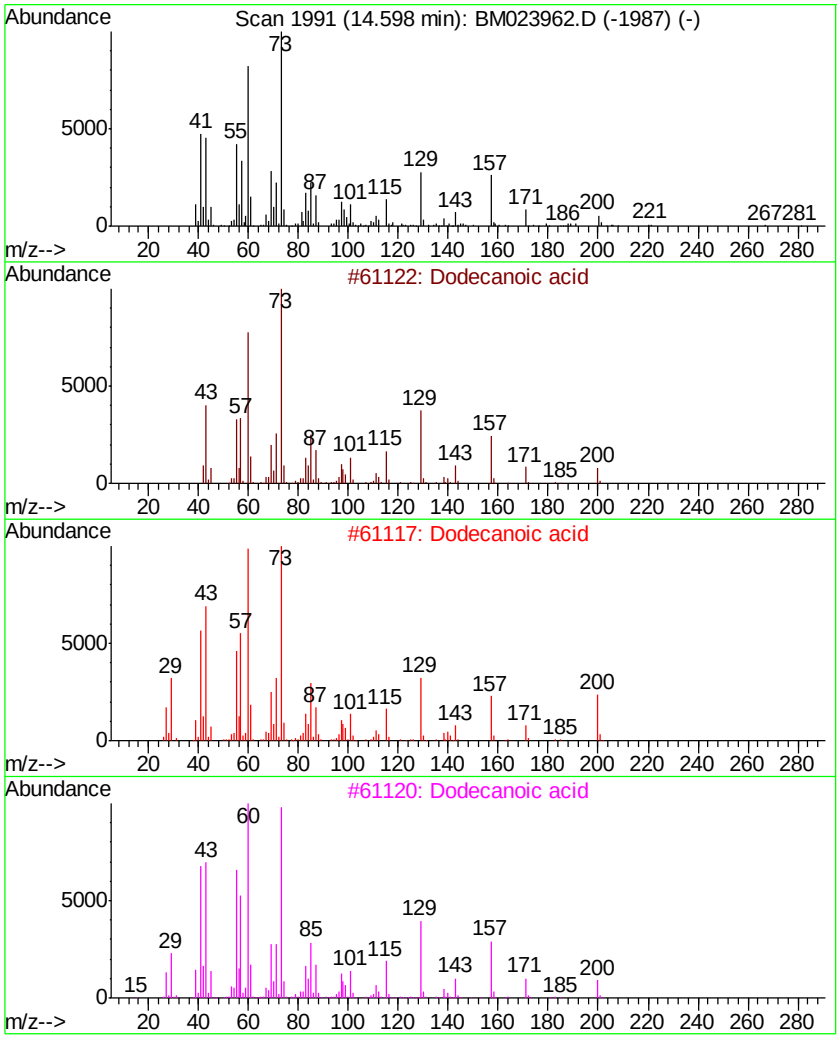
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

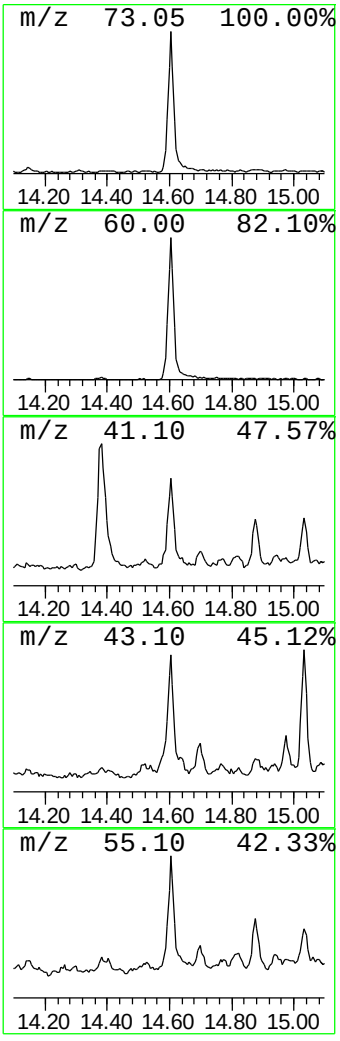
****

Peak Number 14 Dodecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.73 ng/ul	778766	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	94
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	91
5	Dodecanoic acid	200	C12H24O2	000143-07-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

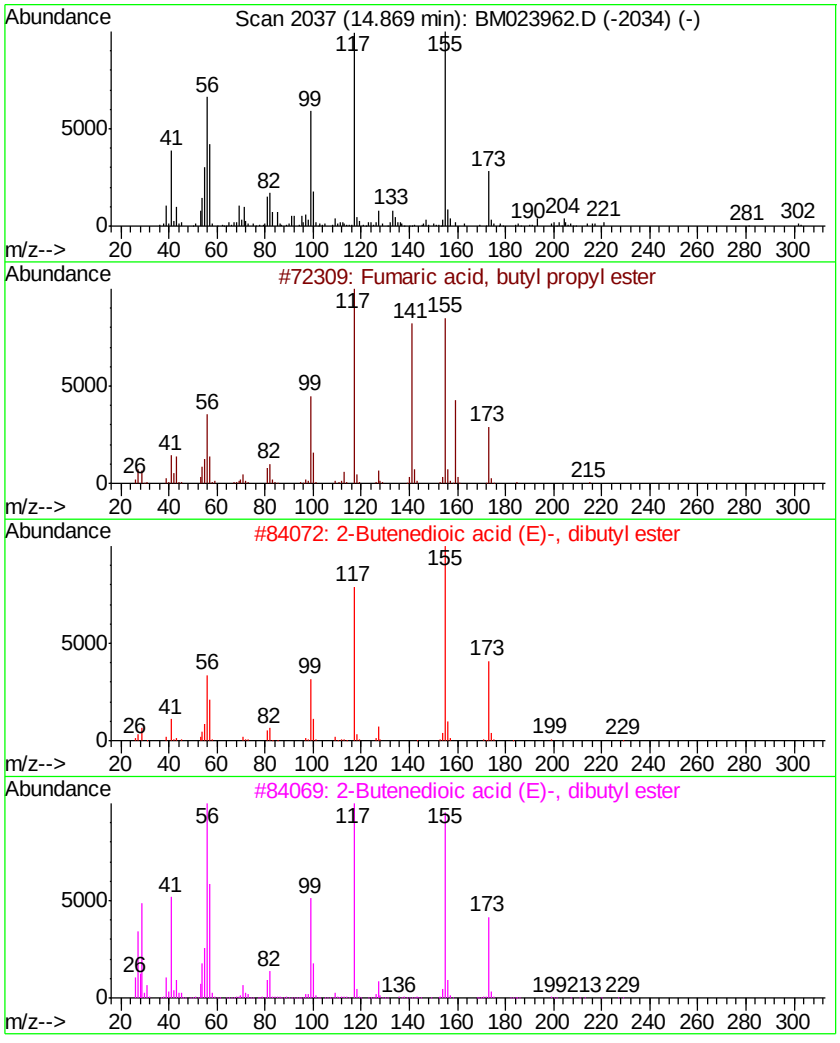
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

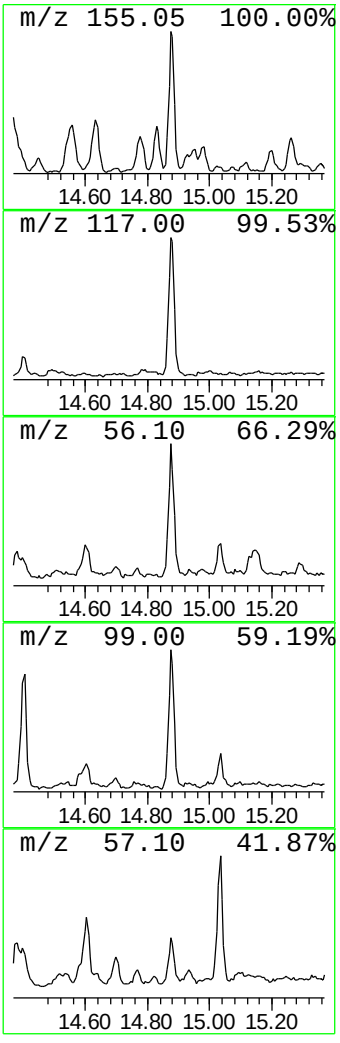
****

Peak Number 15 Fumaric acid, butyl propyl ... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.10 ng/ul	600117	Acenaphthene-d10	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, butyl propyl ester	214	C11H18O4	1000330-38-1	86
2	2-Butenedioic acid (E)-, dibutyl...	228	C12H20O4	000105-75-9	72
3	2-Butenedioic acid (E)-, dibutyl...	228	C12H20O4	000105-75-9	68
4	Fumaric acid, butyl 2-butyl ester	228	C12H20O4	1000348-64-0	52
5	2-Butenedioic acid (E)-, bis(2-m...	228	C12H20O4	007283-69-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

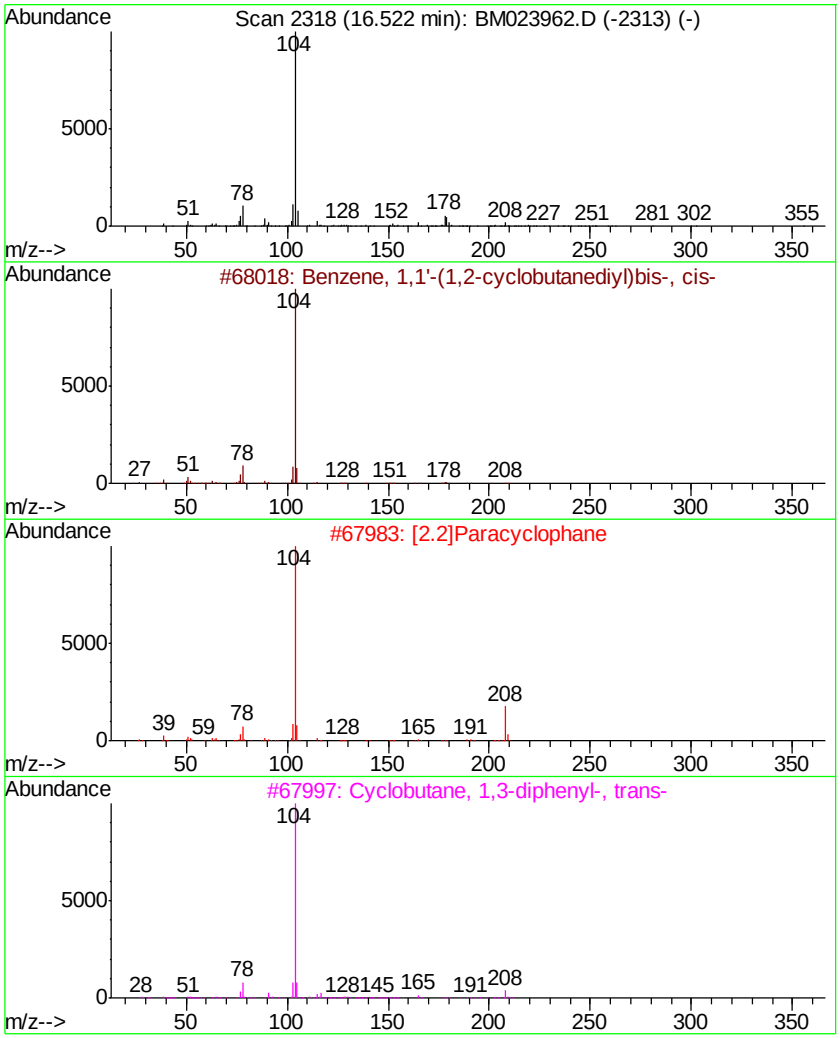
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

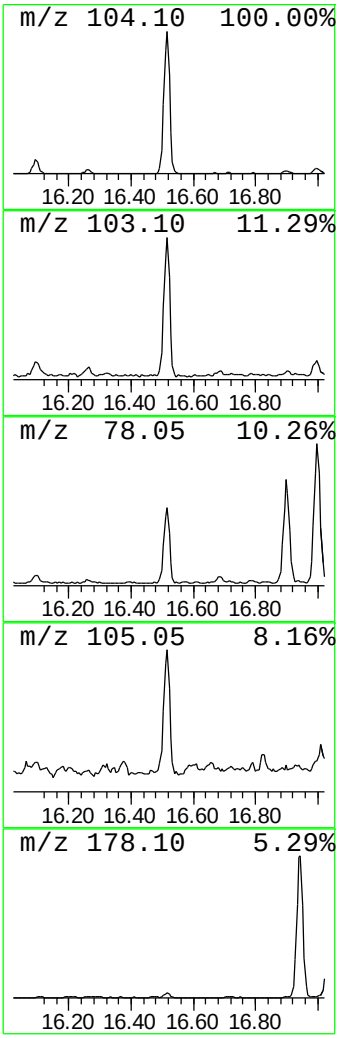
****

Peak Number 16 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	3.46 ng/ul	1010100	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	86
2	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
3	Cyclobutane, 1,3-diphenyl-, trans-	208	C16H16	025558-23-0	64
4	[2.2]Paracyclophane	208	C16H16	001633-22-3	64
5	2,6-Pyridinedicarboxylic acid, i...	327	C19H21NO4	1000369-22-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

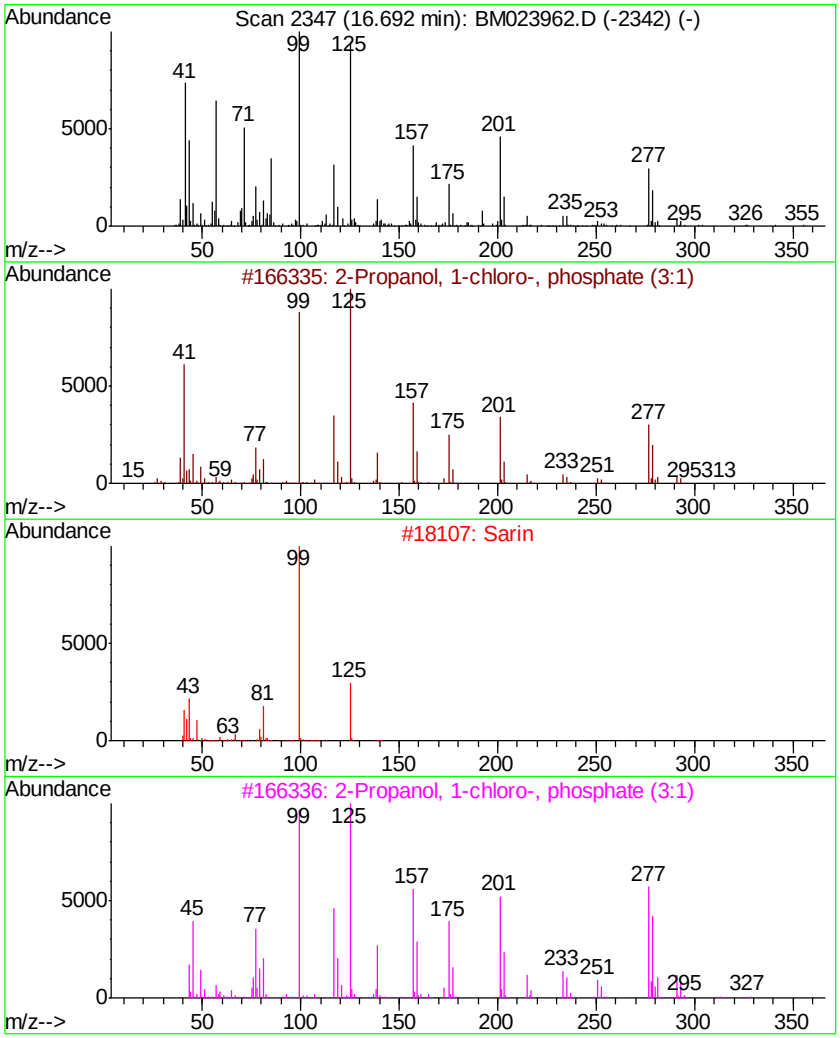
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

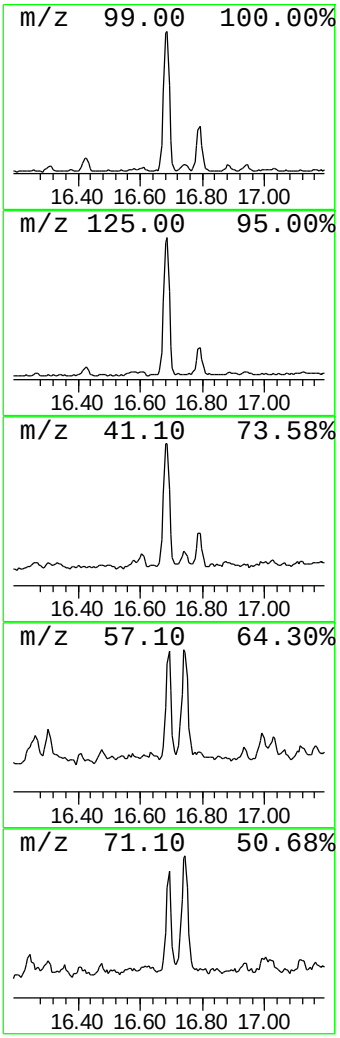
****

Peak Number 17 2-Propanol, 1-chloro-, phos... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	4.90 ng/ul	1431680	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	53
2	Sarin	140	C4H10FO2P	000107-44-8	32
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	22
4	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	14
5	4,5,6-Pyrimidinetriamine	125	C4H7N5	000118-70-7	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

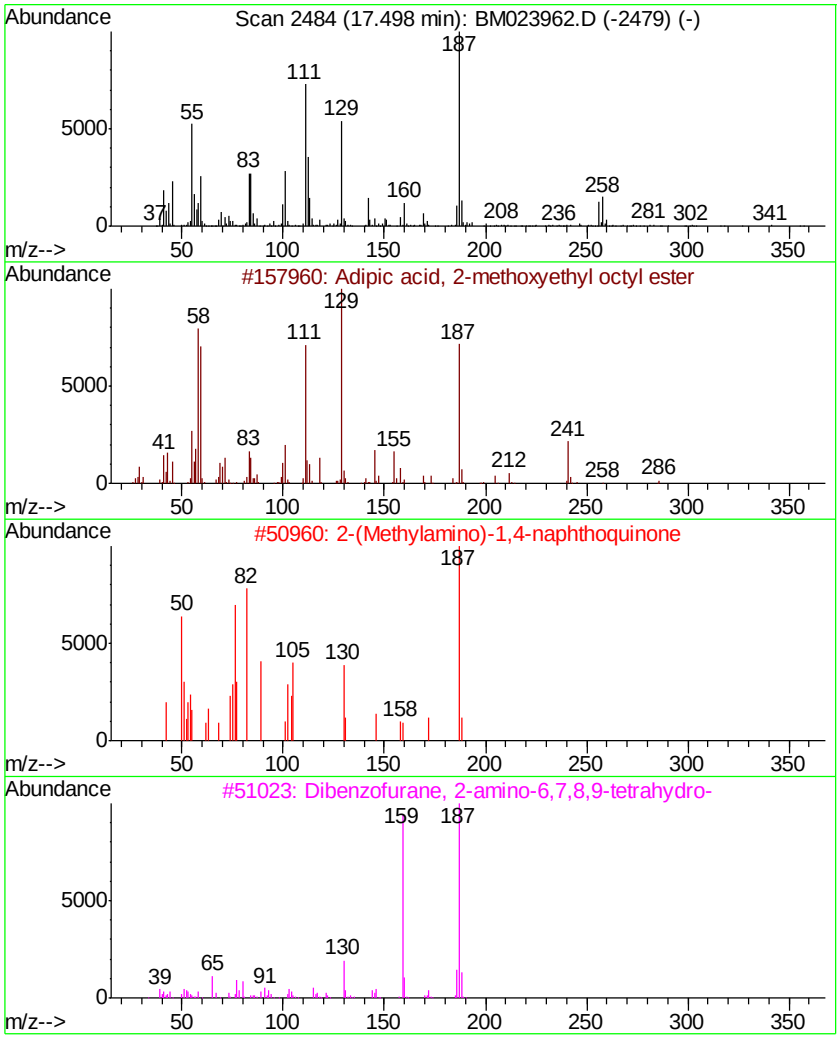
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

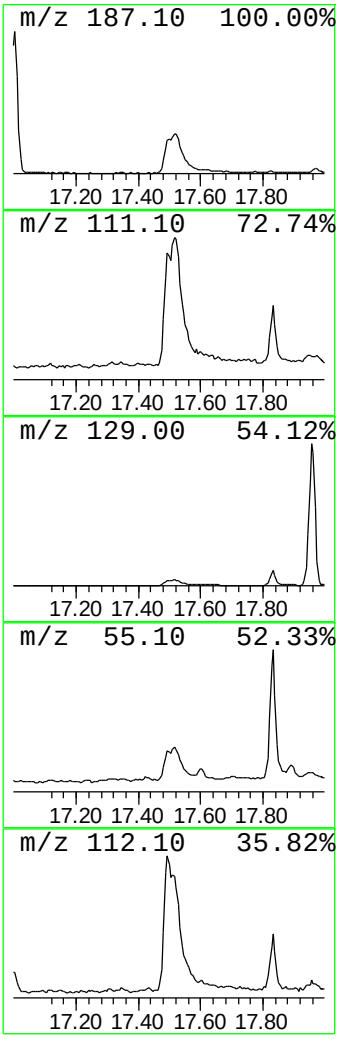
****

Peak Number 18 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.53 ng/ul	1322870	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-methoxyethyl octy...	316	C17H32O5	1000324-69-6	40
2	2-(Methylamino)-1,4-naphthoquinone	187	C11H9NO2	014423-00-8	35
3	Dibenzofurane, 2-amino-6,7,8,9-t...	187	C12H13NO	1000302-68-7	25
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	22
5	1H-Pyrazol-3-amine, N,N-dimethyl...	187	C11H13N3	1000327-38-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

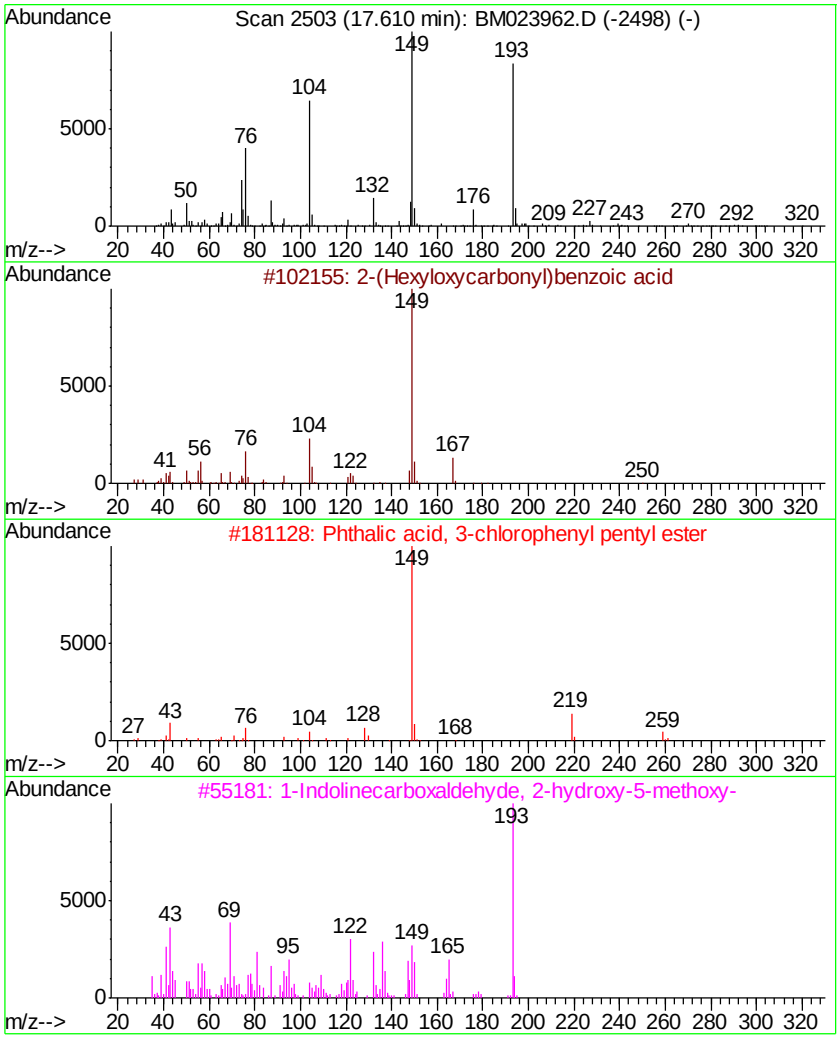
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

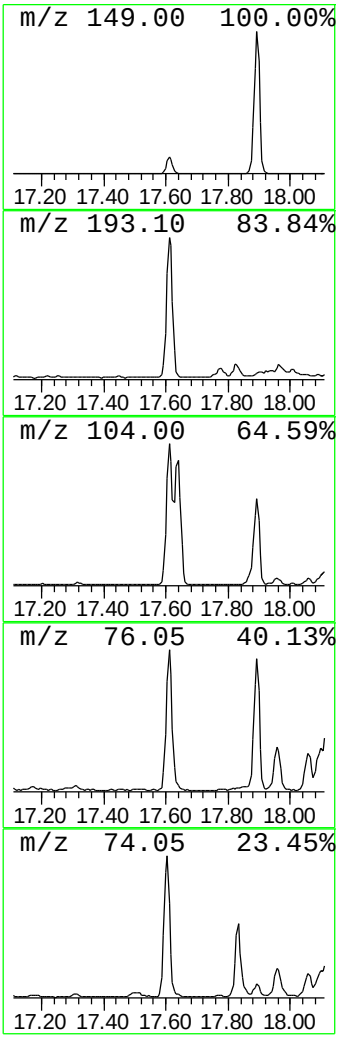
****

Peak Number 19 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	6.74 ng/ul	1968550	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Hexyloxycarbonyl)benzoic acid	250	C14H18O4	1000373-63-0	47
2	Phthalic acid, 3-chlorophenyl pe...	346	C19H19ClO4	1000314-94-3	35
3	1-Indolinecarboxaldehyde, 2-hydr...	193	C10H11NO3	013303-70-3	27
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	27
5	Phthalic acid, butyl pent-2-en-4...	286	C17H18O4	1000315-45-3	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

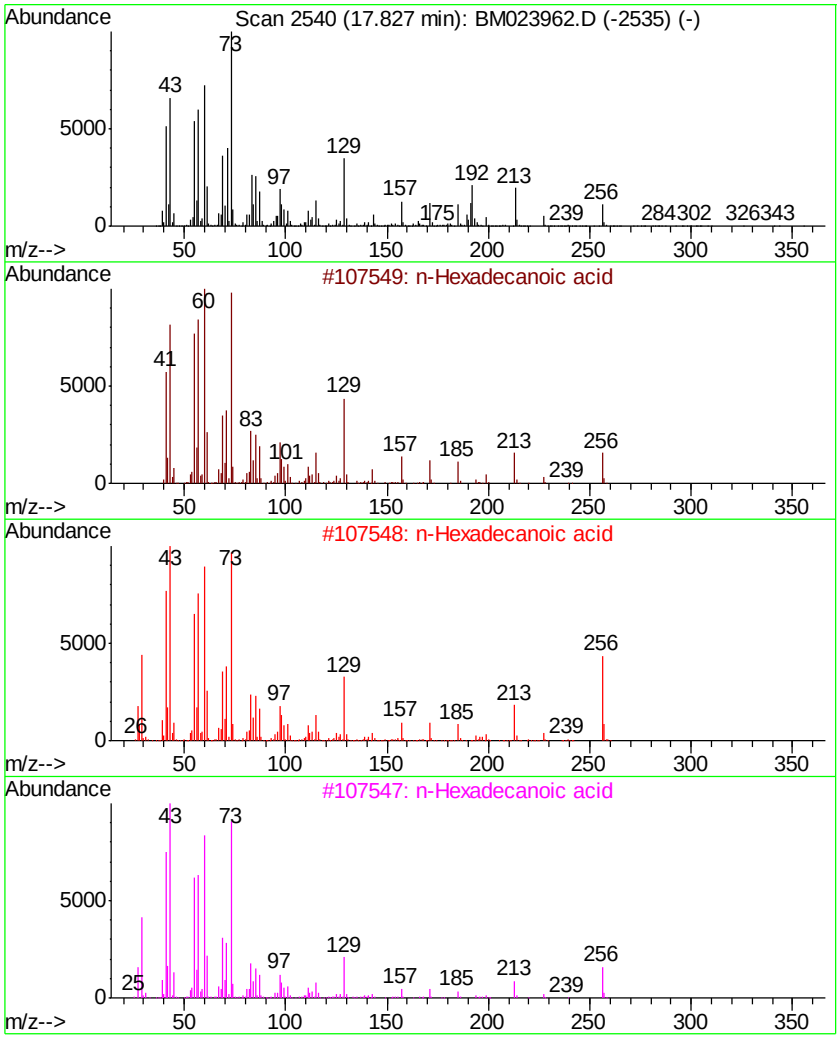
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

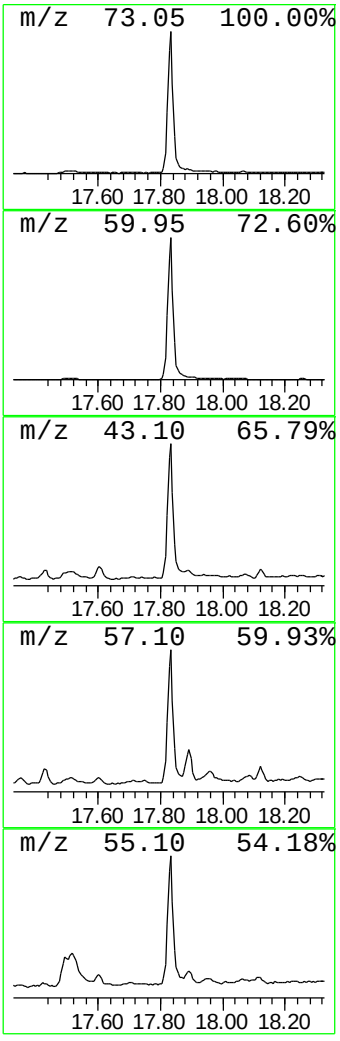
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	26.30 ng/ul	7678890	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

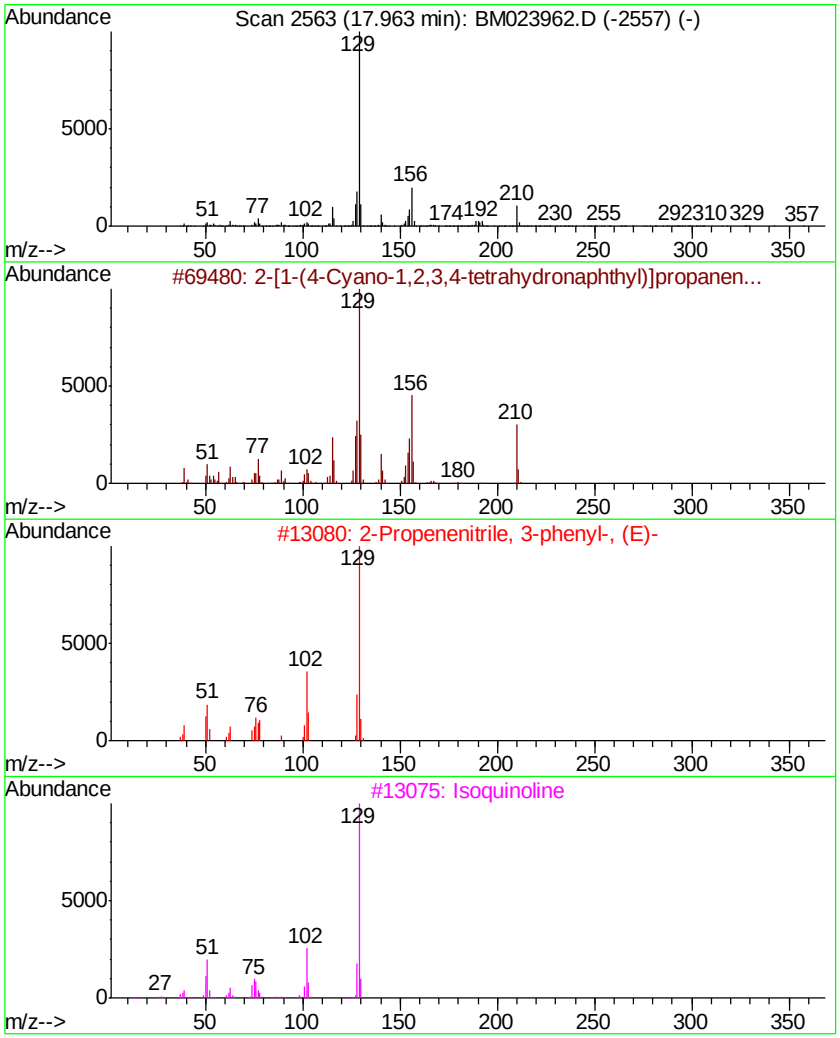
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

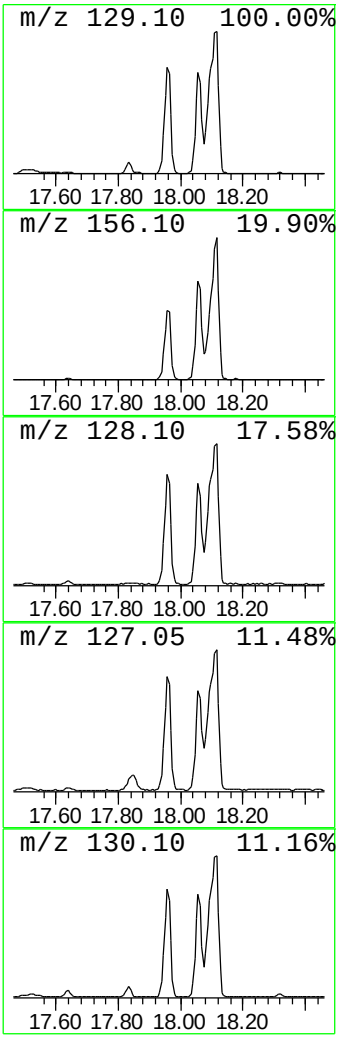
****

Peak Number 21 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	26.21 ng/ul	7651710	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	50
2	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	50
3	Isoquinoline	129	C9H7N	000119-65-3	47
4	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	46
5	1,4-Methanonaphthalen-9-ol, 1,2,...	202	C13H14O2	001207-27-8	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

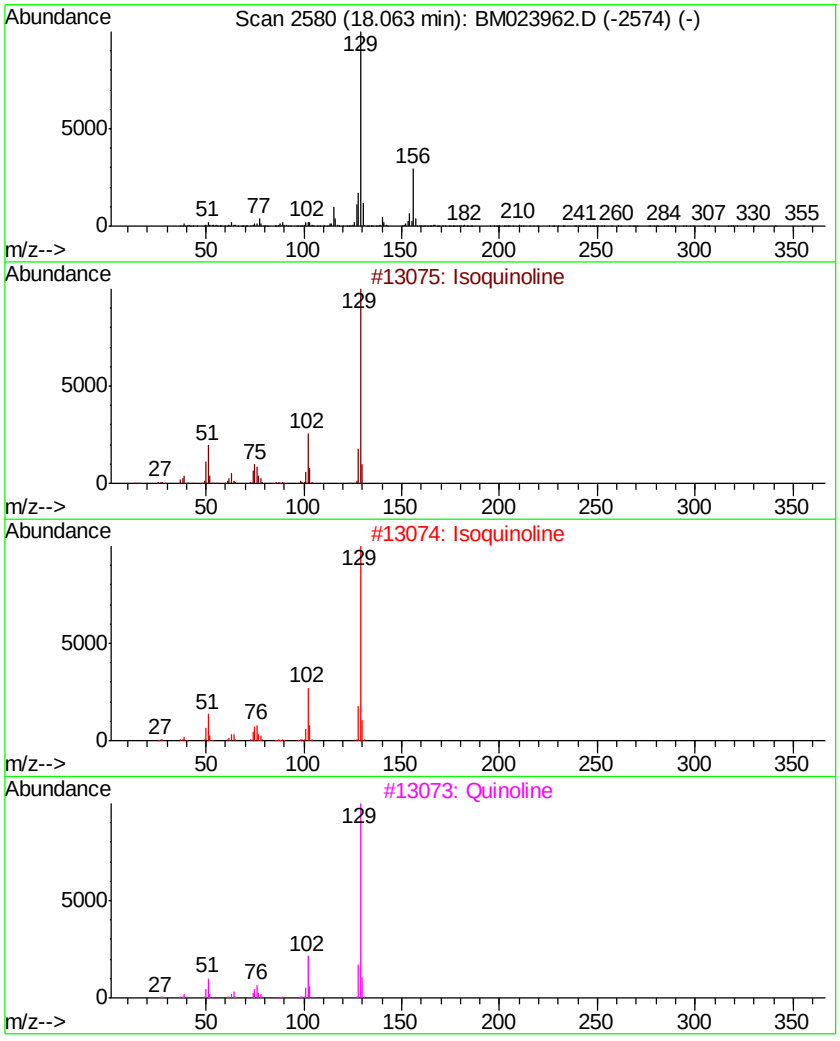
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

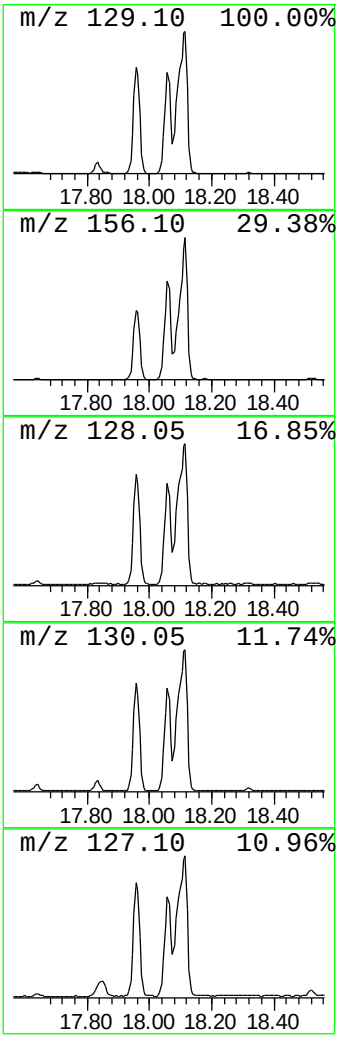
****

Peak Number 22 Isoquinoline Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	22.41 ng/ul	6541810	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline	129	C9H7N	000119-65-3	52
2	Isoquinoline	129	C9H7N	000119-65-3	47
3	Quinoline	129	C9H7N	000091-22-5	47
4	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	45
5	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

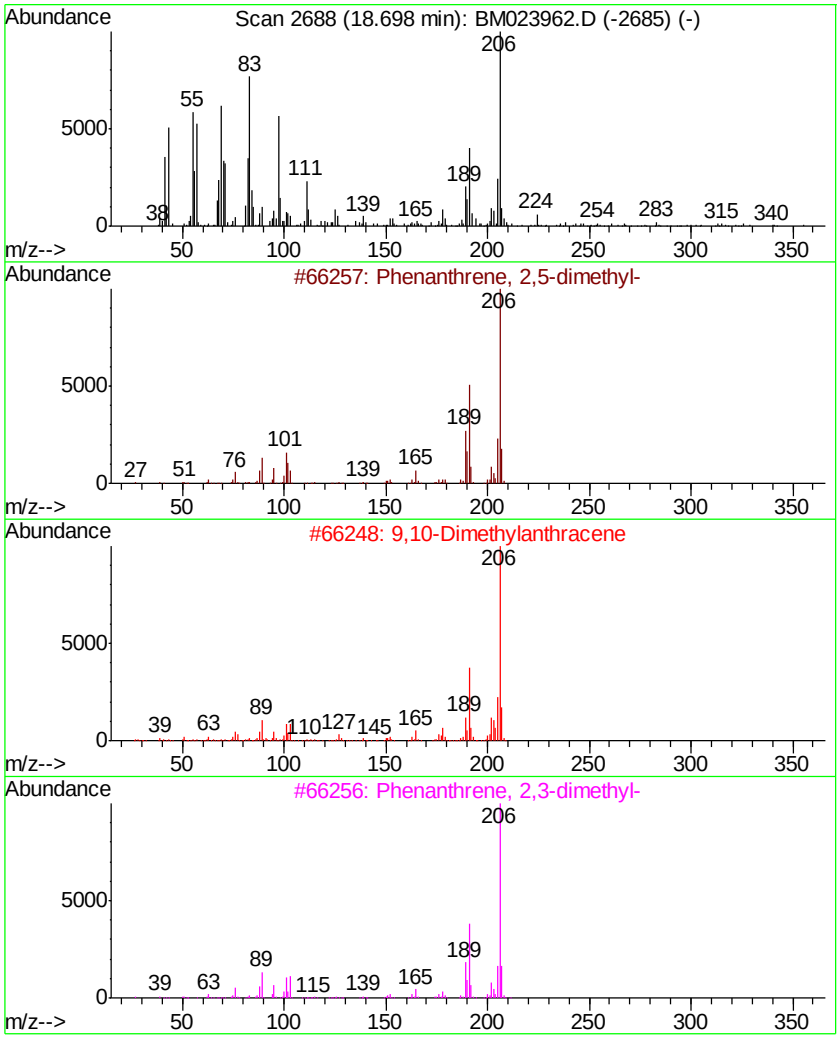
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

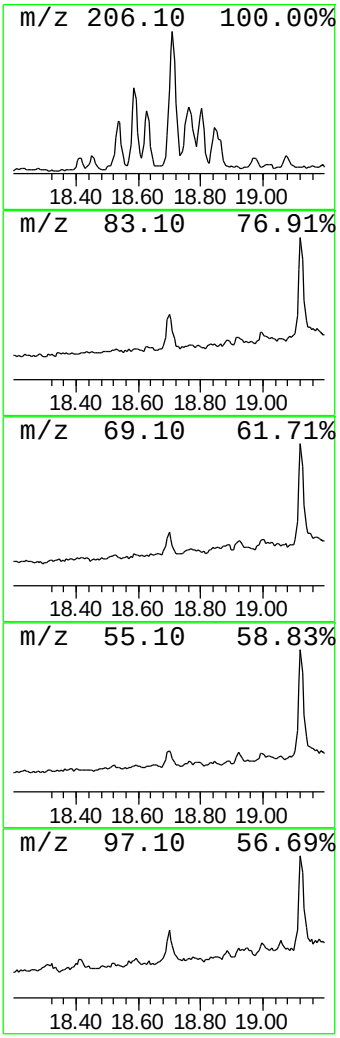
****

Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.59 ng/ul	756926	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	78
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

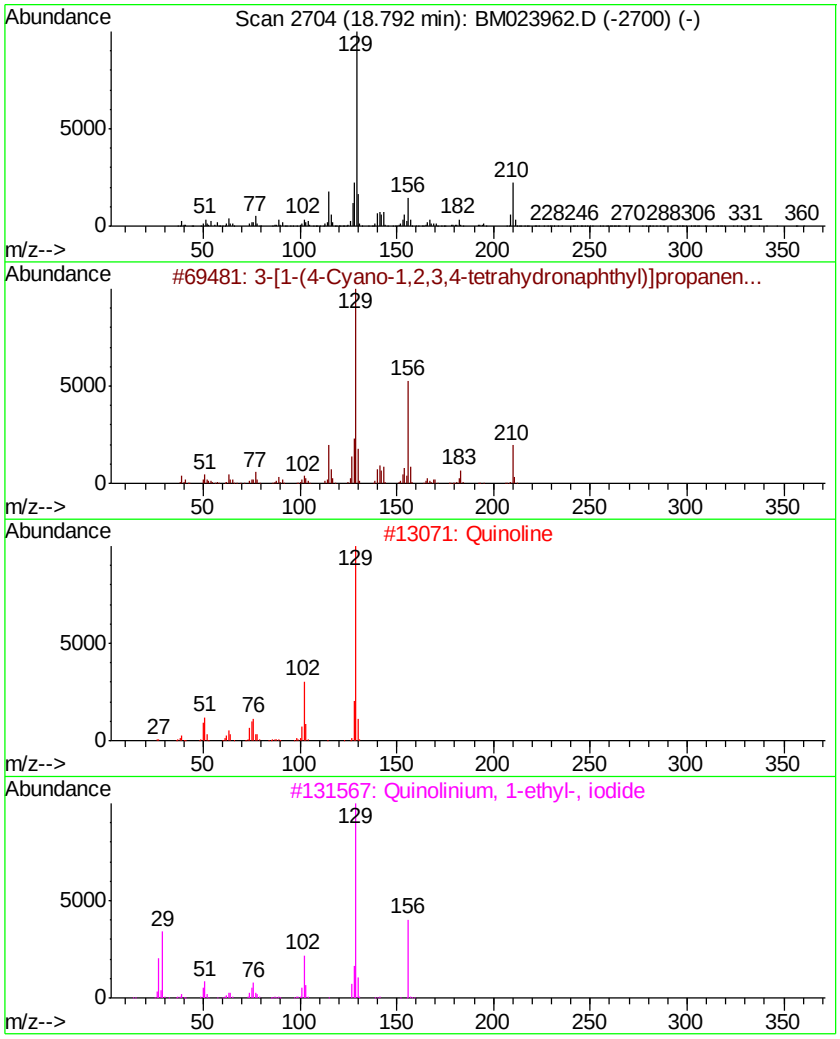
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

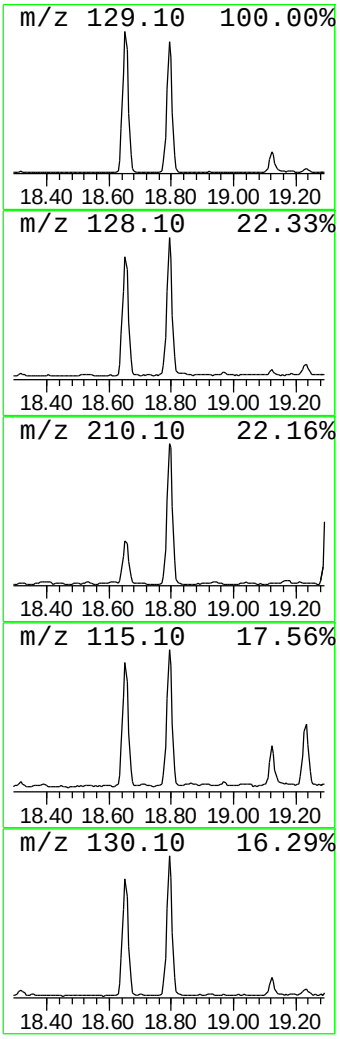
****

Peak Number 26 3-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	12.88 ng/ul	3761020	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-40-6	72
2	Quinoline	129	C9H7N	000091-22-5	50
3	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	40
4	Hexa-2,4-dienylbenzene	158	C12H14	079482-86-3	38
5	Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

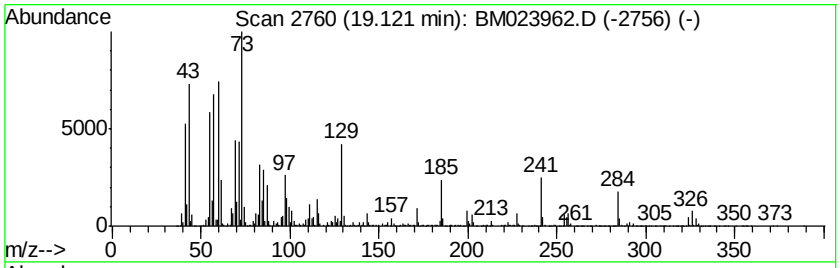
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

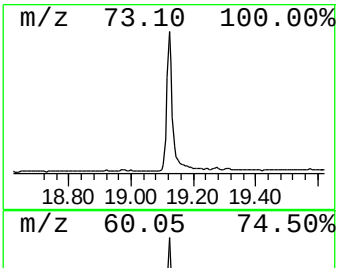
****

Peak Number 27 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	12.71 ng/ul	5098970	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

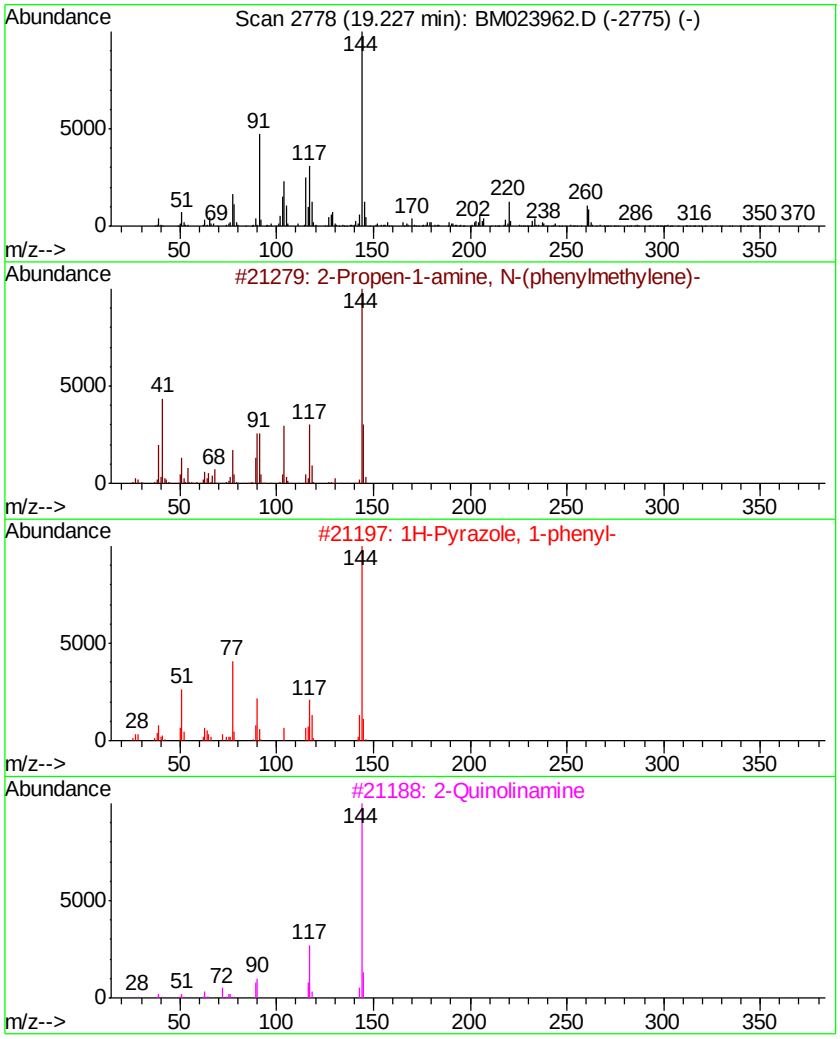
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

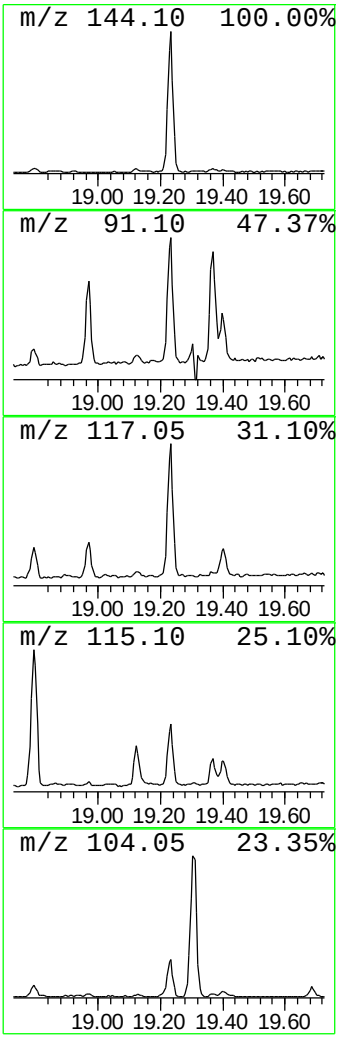
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 2-Propen-1-amine, N-(phenyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	4.11 ng/ul	1651250	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-amine, N-(phenylmethy...	145	C10H11N	021064-27-7	53
2	1H-Pyrazole, 1-phenyl-	144	C9H8N2	001126-00-7	53
3	2-Quinolinamine	144	C9H8N2	000580-22-3	52
4	2-Quinolinamine	144	C9H8N2	000580-22-3	52
5	1H-Pyrazole, 3-phenyl-	144	C9H8N2	002458-26-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

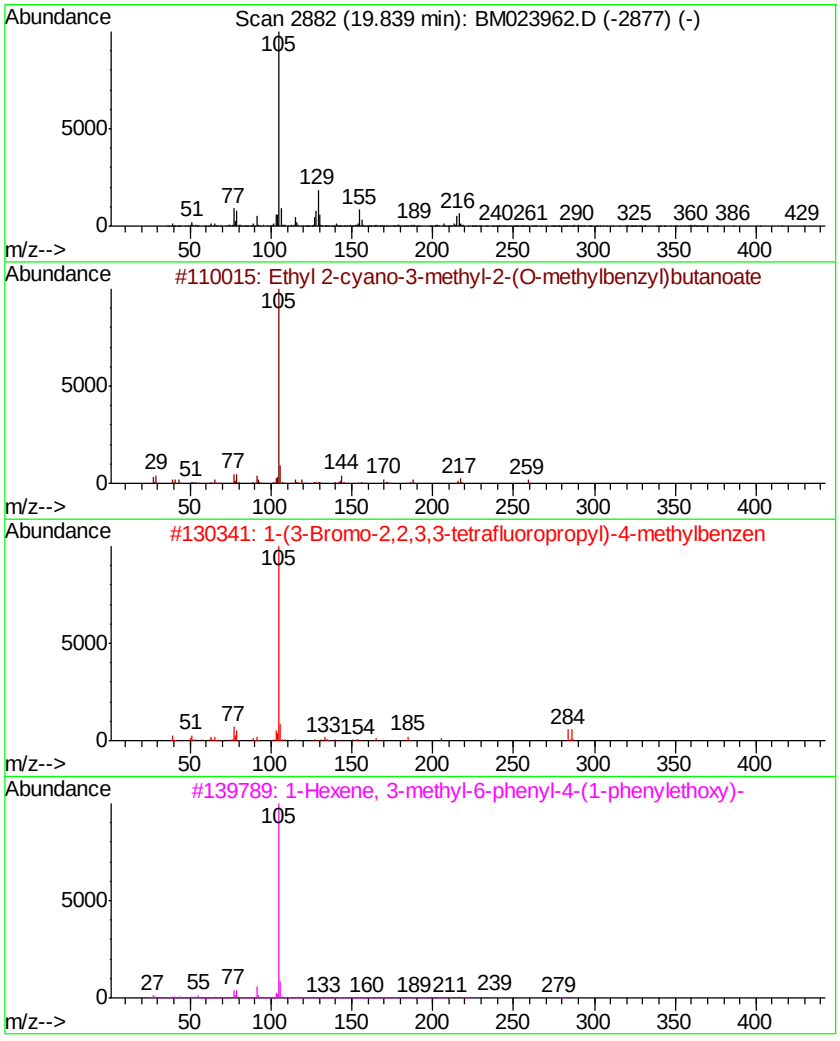
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

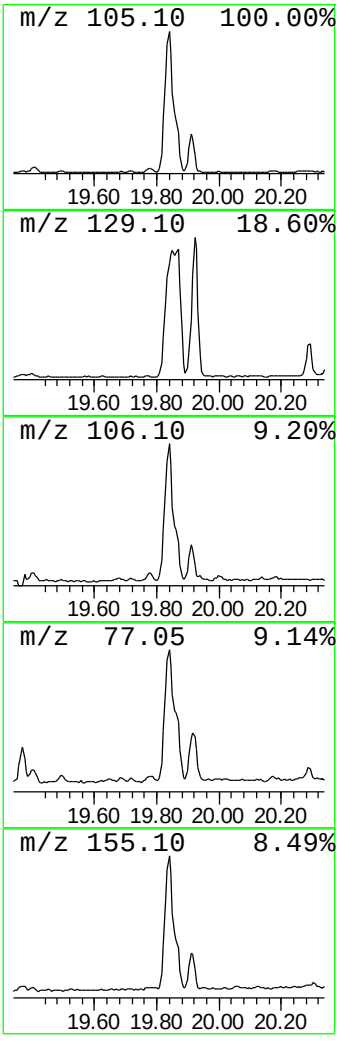
****

Peak Number 29 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	20.09 ng/ul	8062250	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl 2-cyano-3-methyl-2-(O-meth...	259	C16H21NO2	029107-35-5	35
2	1-(3-Bromo-2,2,3,3-tetrafluoropr...	284	C10H9BrF4	1000305-64-3	30
3	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	27
4	1-Ethanone, 1-[3-methoxy-4-[(2-m...	270	C17H18O3	1000351-28-6	27
5	Benzene, 1-(chloromethyl)-3-methyl-	140	C8H9Cl	000620-19-9	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

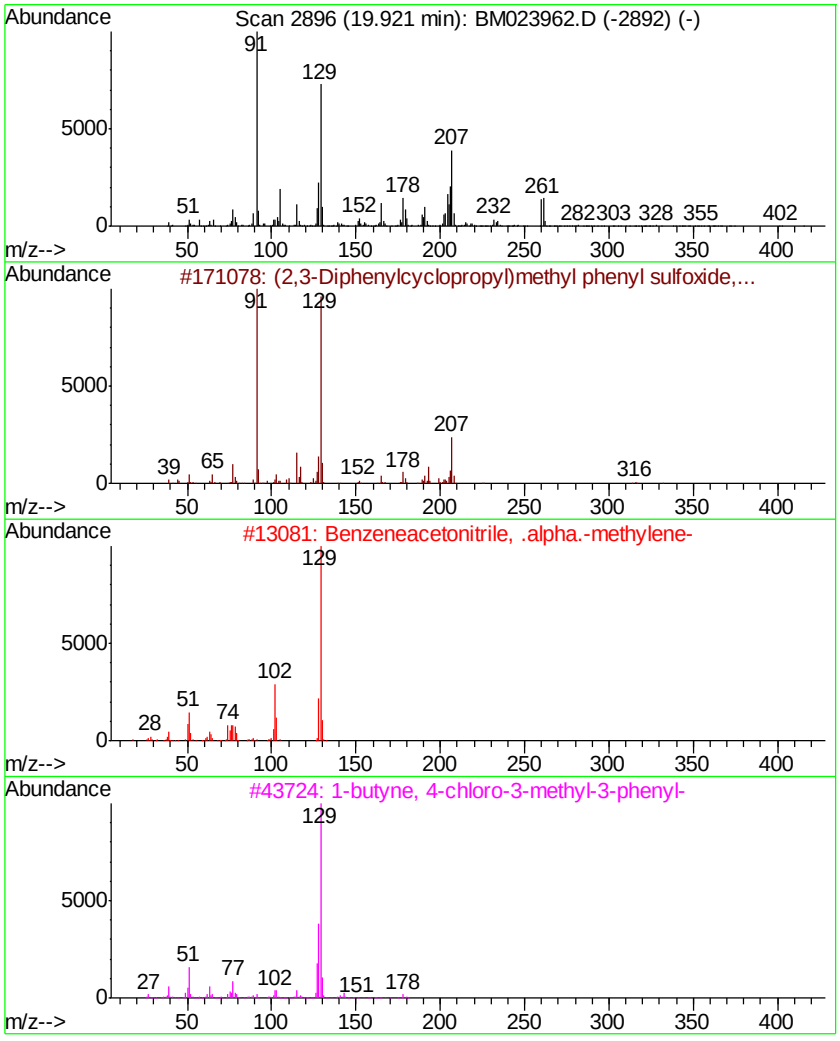
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

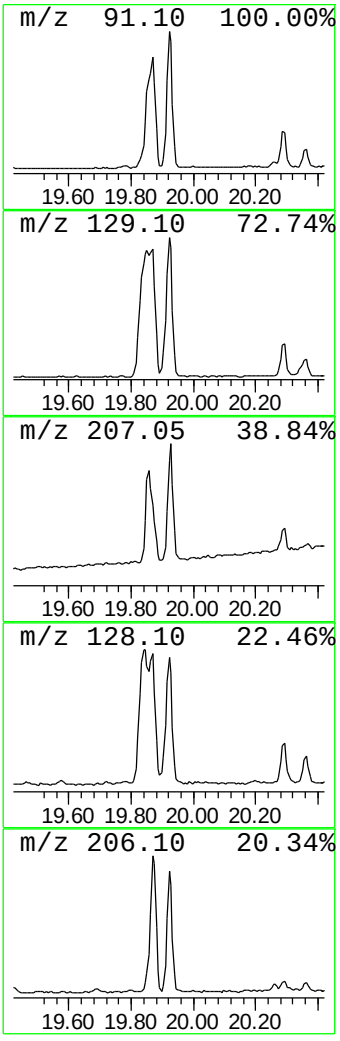
****

Peak Number 30 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	11.91 ng/ul	4781050	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	27
2	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	25
3	1-butyne, 4-chloro-3-methyl-3-ph...	178	C11H11Cl	1000161-45-9	22
4	5,13:6,12-Dimethanodibenzo[a,f]c...	260	C20H20	074985-66-3	16
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	144	C11H12	071721-26-1	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

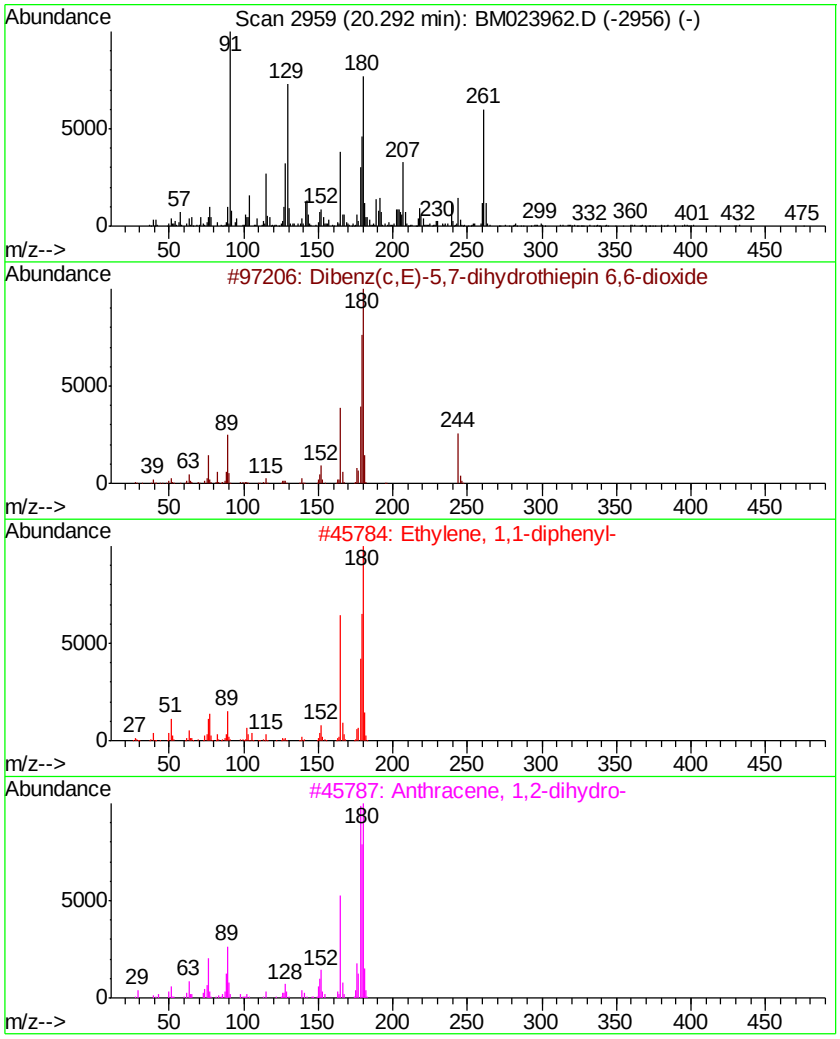
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

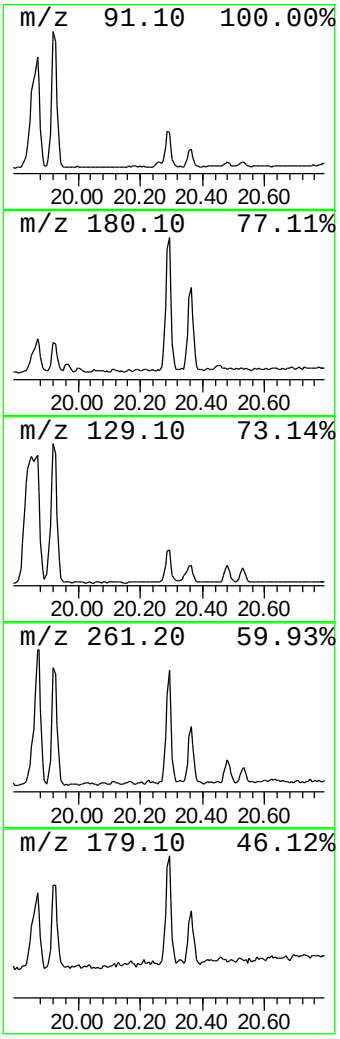
****

Peak Number 31 Dibenz(c,E)-5,7-dihydrothie... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	3.84 ng/ul	1541380	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz(c,E)-5,7-dihydrothiepin 6...	244	C14H12O2S	006672-63-5	64
2	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	53
3	Anthracene, 1,2-dihydro-	180	C14H12	058746-82-0	46
4	Ethylene, 1,1-diphenyl-	180	C14H12	000530-48-3	46
5	(E)-Stilbene	180	C14H12	000103-30-0	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

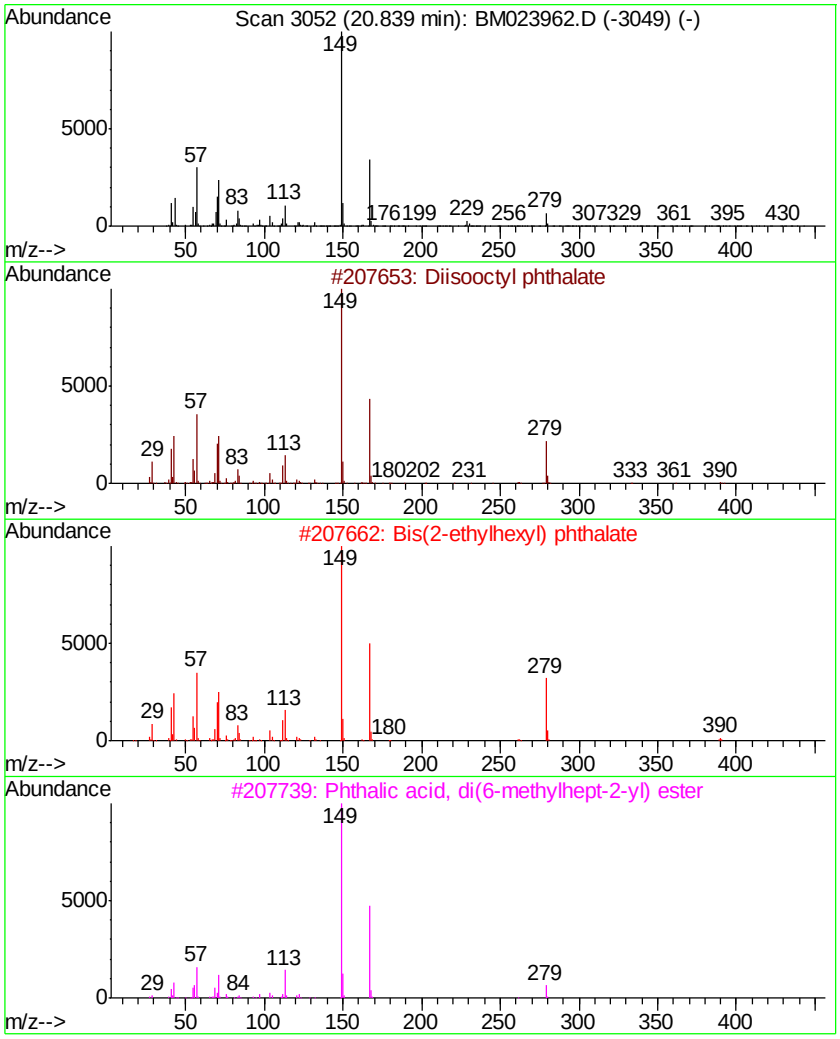
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

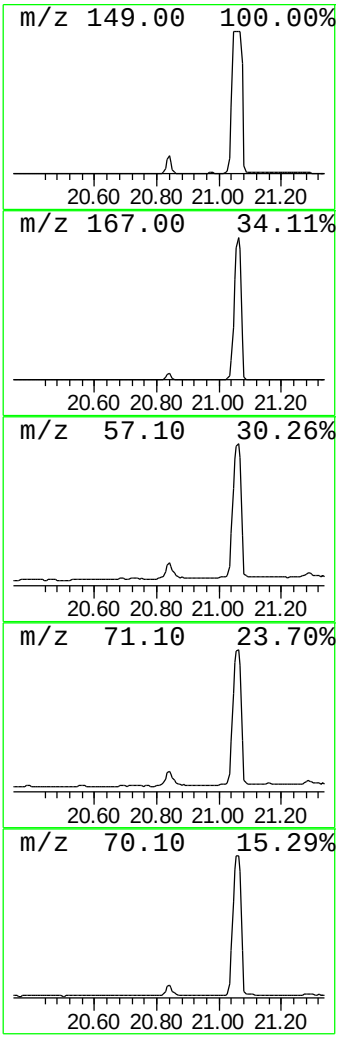
****

Peak Number 32 Diisooctyl phthalate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	12.87 ng/ul	5165290	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl phthalate	390	C24H38O4	000131-20-4	91
2	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	90
3	Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	80
4	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	80
5	Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112719\
Data File : BM023962.D
Acq On : 28 Nov 2019 20:49
Operator : JU
Sample : K5145-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-100919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.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
Toluene	3.74	10.0	ng/ul	1462030	1	7.49	2932450	20.0
Ethylbenzene	5.03	4.8	ng/ul	703950	1	7.49	2932450	20.0
p-Xylene	5.16	16.0	ng/ul	2342130	1	7.49	2932450	20.0
Styrene	5.50	17.9	ng/ul	2621690	1	7.49	2932450	20.0
Benzene, propyl-	6.48	2.1	ng/ul	307346	1	7.49	2932450	20.0
Benzene, 1-ethyl-...	6.59	6.7	ng/ul	976587	1	7.49	2932450	20.0
Benzene, 1,2,4-tr...	7.14	11.1	ng/ul	1622300	1	7.49	2932450	20.0
Benzene, 1,2,3-tr...	7.60	3.0	ng/ul	434870	1	7.49	2932450	20.0
Benzene, 1-methyl...	8.03	2.7	ng/ul	390436	1	7.49	2932450	20.0
Benzene, 1,2-diet...	8.12	3.6	ng/ul	533511	1	7.49	2932450	20.0
Benzene, 4-ethyl-...	8.59	3.7	ng/ul	542745	1	7.49	2932450	20.0
(DEL) Alkane: Str...	8.72	2.1	ng/ul	303215	1	7.49	2932450	20.0
2-Azetidinone, 4-...	13.93	2.2	ng/ul	618018	3	14.15	5714750	20.0
Dodecanoic acid	14.60	2.7	ng/ul	778766	3	14.15	5714750	20.0
Fumaric acid, but...	14.87	2.1	ng/ul	600117	3	14.15	5714750	20.0
Benzene, 1,1'-(1,...	16.52	3.5	ng/ul	1010100	4	16.90	5838860	20.0
2-Propanol, 1-chl...	16.69	4.9	ng/ul	1431680	4	16.90	5838860	20.0
unknown-01	17.50	4.5	ng/ul	1322870	4	16.90	5838860	20.0
unknown-02	17.61	6.7	ng/ul	1968550	4	16.90	5838860	20.0
n-Hexadecanoic acid	17.83	26.3	ng/ul	7678890	4	16.90	5838860	20.0
2-[1-(4-Cyano-1,2...	17.96	26.2	ng/ul	7651710	4	16.90	5838860	20.0
Isoquinoline	18.06	22.4	ng/ul	6541810	4	16.90	5838860	20.0
Phenanthrene, 2,5...	18.70	2.6	ng/ul	756926	4	16.90	5838860	20.0
3-[1-(4-Cyano-1,2...	18.79	12.9	ng/ul	3761020	4	16.90	5838860	20.0
Octadecanoic acid	19.12	12.7	ng/ul	5098970	5	21.11	8026540	20.0
2-Propen-1-amine,...	19.23	4.1	ng/ul	1651250	5	21.11	8026540	20.0
unknown-03	19.84	20.1	ng/ul	8062250	5	21.11	8026540	20.0
unknown-04	19.92	11.9	ng/ul	4781050	5	21.11	8026540	20.0
Dibenz(c,E)-5,7-d...	20.29	3.8	ng/ul	1541380	5	21.11	8026540	20.0
Diisooctyl phthalate	20.84	12.9	ng/ul	5165290	5	21.11	8026540	20.0