LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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	3.028	21	24	29	rBV	86554	110952	1.24%	0.108%
2	3.340	73	77	96	rVB	220977	375194	4.19%	0.365%
3	3.651	126	130	140	rBV	223245	384980	4.30%	0.374%
4	3.728	140	143	147	rVB2	22886	30631	0.34%	0.030%
5	3.816	156	158	165	rVB4	16147	19827	0.22%	0.019%
6	4.169	214	218	225	rVB5	17506	35049	0.39%	0.034%
7	4.822	324	329	337	rBV	180864	272313	3.04%	0.265%
8	5.981	520	526	530	rBV2	12931	23418	0.26%	0.023%
9	6.169	554	558	562	rBV5	9537	16314	0.18%	0.016%
10	6.504	611	615	620	rVB2	21873	31437	0.35%	0.031%
11	6.669	638	643	654	rVB	338194	589653	6.59%	0.573%
12	6.822	663	669	687	rBV	1042968	1744553	19.50%	1.696%
13	7.010	694	701	715	rBV	1208158	1980553	22.14%	1.925%
14	7.469	771	779	789	rBV	1243821	1995360	22.31%	1.939%
15	7.551	789	793	798	rVV4	20340	43491	0.49%	0.042%
16	7.916	851	855	859	rBV6	8722	16529	0.18%	0.016%
17	8.192	895	902	917	rBV	923562	1594359	17.83%	1.550%
18	8.381	924	934	942	rVB	118256	268964	3.01%	0.261%
19	8.504	949	955	961	rBV	9887	19888	0.22%	0.019%
20	8.575	961	967	969	rBV2	27533	40946	0.46%	0.040%
21	8.622	969	975	986	rVB	1237313	2031510	22.71%	1.974%
22	8.916	1021	1025	1030	rBV	29797	45053	0.50%	0.044%
23	9.063	1044	1050	1052	rBV	73006	112595	1.26%	0.109%
24	9.104	1052	1057	1066	rVV	230547	392483	4.39%	0.381%
25	9.186	1069	1071	1079	rVB8	11121	21085	0.24%	0.020%
26	9.280	1081	1087	1090	rBV5	18285	31134	0.35%	0.030%
27	9.339	1090	1097	1111	rVB	999606	1702659	19.04%	1.655%
28	9.739	1159	1165	1169	rVV	60685	102681	1.15%	0.100%
29	9.792	1171	1174	1180	rVB7	22215	40384	0.45%	0.039%
30	9.875	1180	1188	1207	rBV	1500260	2747317	30.72%	2.670%
31	10.033	1212	1215	1221	rVV8	13557	23528	0.26%	0.023%
32	10.239	1242	1250	1259	rBV	1634909	2706064	30.25%	2.630%
33	10.410	1269	1279	1286	rBV2	63468	164955	1.84%	0.160%
34	10.533	1291	1300	1307	rVB2	22935	61570	0.69%	0.060%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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	10.680	1315	1325	1333	rBV	1321010	2212646	24.74%	2.150%
36	10.822	1345	1349	1350	rBV3	18088	21907	0.24%	0.021%
37	11.027	1379	1384	1387	rBV5	18774	31180	0.35%	0.030%
38	11.098	1387	1396	1403	rVB3	33324	102524	1.15%	0.100%
39	11.169	1404	1408	1411	rBV6	13641	17786	0.20%	0.017%
40	11.222	1411	1417	1418	rBV3	14144	21806	0.24%	0.021%
41	11.339	1434	1437	1447	rVB7	23698	48508	0.54%	0.047%
42	11.457	1450	1457	1460	rBV9	11972	22215	0.25%	0.022%
43	11.551	1468	1473	1475	rBV3	18739	28609	0.32%	0.028%
44	11.604	1475	1482	1489	rVV	865875	1391238	15.55%	1.352%
45	11.657	1489	1491	1495	rVB5	17553	22633	0.25%	0.022%
46	11.739	1501	1505	1508	rBV4	16954	21211	0.24%	0.021%
47	11.786	1508	1513	1517	rBV	116536	171638	1.92%	0.167%
48	11.851	1518	1524	1538	rVB2	275938	548533	6.13%	0.533%
49	12.057	1554	1559	1566	rBV5	35133	65043	0.73%	0.063%
50	12.474	1626	1630	1635	rBV6	13956	28326	0.32%	0.028%
51	12.521	1637	1638	1646	rVB8	14743	18650	0.21%	0.018%
52	12.733	1670	1674	1679	rVB4	14660	22941	0.26%	0.022%
53	13.074	1728	1732	1739	rVB	67803	102718	1.15%	0.100%
54	13.174	1746	1749	1751	rBV4	16976	24384	0.27%	0.024%
55	13.210	1751	1755	1766	rVB2	56351	110176	1.23%	0.107%
56	13.316	1766	1773	1779	rBV7	27717	83001	0.93%	0.081%
57	13.368	1779	1782	1787	rVB6	18389	26625	0.30%	0.026%
58	13.463	1794	1798	1805	rBV2	26758	60162	0.67%	0.058%
59	13.557	1807	1814	1819	rBV	2787108	4021947	44.97%	3.909%
60	13.598	1819	1821	1827	rVB	142807	194221	2.17%	0.189%
61	13.668	1828	1833	1852	rBV	4549769	8944249	100.00%	8.693%
62	13.815	1852	1858	1868	rVB	3349897	5031277	56.25%	4.890%
63	13.957	1878	1882	1890	rVB2	106219	195597	2.19%	0.190%
64	14.127	1905	1911	1920	rBV2	2390061	3533449	39.51%	3.434%
65	14.215	1921	1926	1936	rVV	484576	771442	8.63%	0.750%
66	14.386	1950	1955	1961	rBV2	182618	379571	4.24%	0.369%
67	14.468	1964	1969	1977	rVB	616233	894139	10.00%	0.869%
68	14.680	2002	2005	2014	rBV	953335	1785824	19.97%	1.736%
69	15.133	2076	2082	2098	rBV	4328594	6634004	74.17%	6.448%
70	15.274	2101	2106	2116	rVB	1381044	1951067	21.81%	1.896%
71	15.598	2158	2161	2164	rBV2	24712	30369	0.34%	0.030%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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	15.657	2168	2171	2179	rVB2	127438	207629	2.32%	0.202%
73	15.845	2199	2203	2208	rBV3	190800	285054	3.19%	0.277%
74	15.898	2208	2212	2218	rVB	107771	166083	1.86%	0.161%
75	15.986	2223	2227	2231	rBV	315907	415738	4.65%	0.404%
76	16.051	2233	2238	2243	rVB2	271737	486920	5.44%	0.473%
77	16.109	2243	2248	2252	rBV3	282567	412813	4.62%	0.401%
78	16.151	2252	2255	2261	rBV2	147115	214681	2.40%	0.209%
79	16.227	2265	2268	2270	rVV	83501	90421	1.01%	0.088%
80	16.251	2270	2272	2276	rVB	103002	116530	1.30%	0.113%
81	16.304	2276	2281	2288	rVB3	267213	499997	5.59%	0.486%
82	16.374	2288	2293	2297	rBV	406554	541653	6.06%	0.526%
83	16.445	2302	2305	2313	rVB	224941	304072	3.40%	0.296%
84	16.633	2334	2337	2340	rVB	50804	54896	0.61%	0.053%
85	16.880	2373	2379	2386	rBV	2527669	3741267	41.83%	3.636%
86	16.980	2390	2396	2402	rBV	4583879	6459194	72.22%	6.278%
87	17.809	2532	2537	2542	rBV	1058689	1445936	16.17%	1.405%
88	18.015	2568	2572	2579	rBV	79612	119117	1.33%	0.116%
89	19.103	2753	2757	2764	rBV	591572	846236	9.46%	0.822%
90	19.292	2783	2789	2796	rBV	5210438	7190184	80.39%	6.988%
91	20.356	2968	2970	2975	rVB3	106315	117113	1.31%	0.114%
92	20.833	3047	3051	3057	rBV	611829	801538	8.96%	0.779%
93	20.886	3058	3060	3064	rVB	197429	199644	2.23%	0.194%
94	21.091	3090	3095	3101	rBV	3346860	4177932	46.71%	4.061%
95	21.691	3195	3197	3201	rVB2	265197	257326	2.88%	0.250%
96	22.133	3269	3272	3277	rVB	450063	526115	5.88%	0.511%
97	22.615	3351	3354	3359	rVB	536129	683633	7.64%	0.664%
98	23.097	3430	3436	3441	rBV	4722892	7846070	87.72%	7.626%
99	23.144	3442	3444	3451	rVB	557370	811852	9.08%	0.789%
100	23.227	3453	3458	3468	rVB	2492329	4523087	50.57%	4.396%

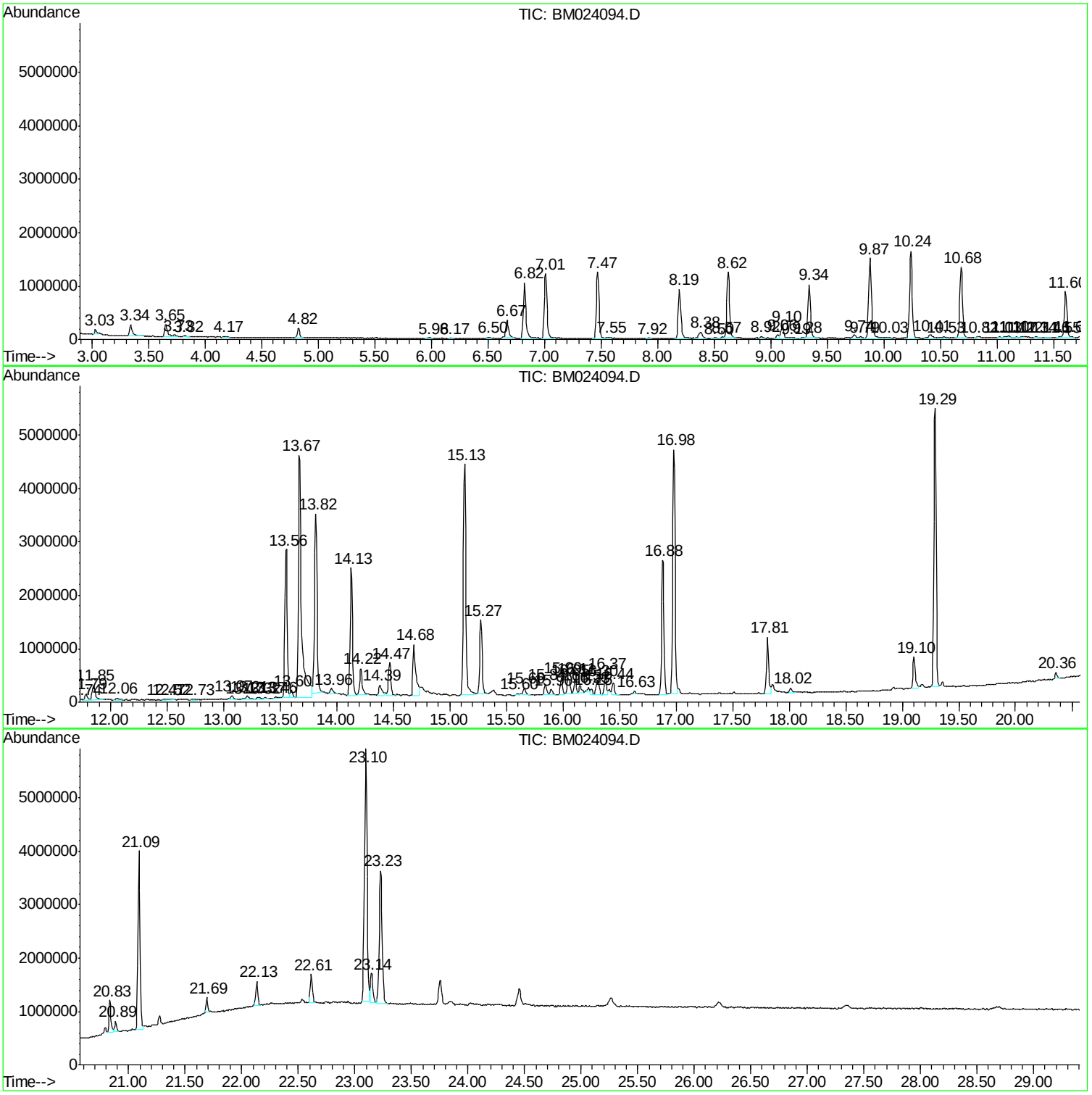
Sum of corrected areas: 102891776

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFQT7

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\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

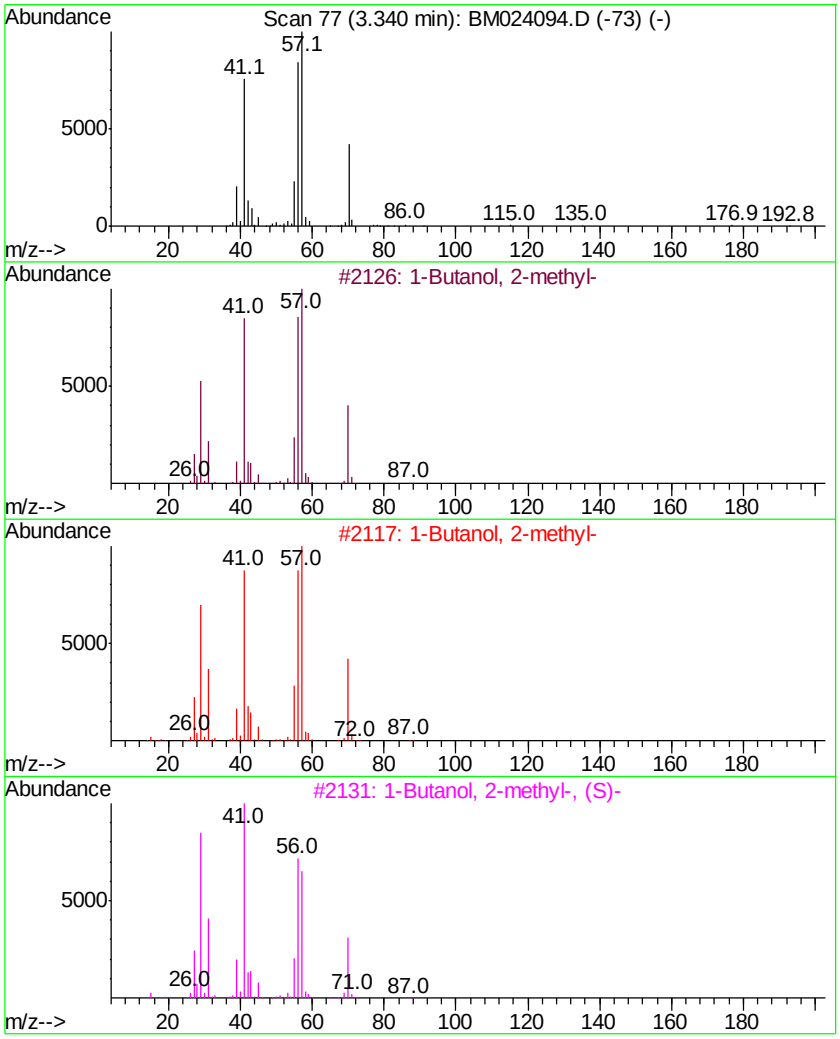
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

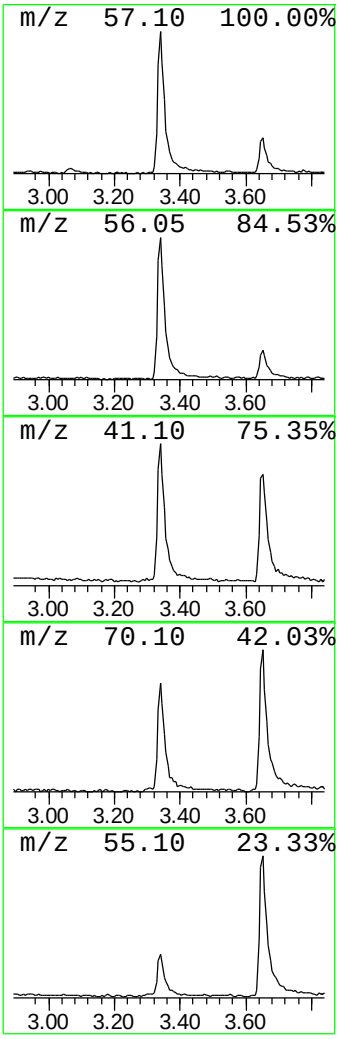
****

Peak Number 1 1-Butanol, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	3.76 ng/ul	375194	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	83
2	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	83
3	1-Butanol, 2-methyl-, (S)-	88	C5H12O	001565-80-6	64
4	1-Butanol, 2-methyl-, (S)-	88	C5H12O	001565-80-6	64
5	2(3H)-Furanone, dihydro-3,3-dime...	114	C6H10O2	003709-08-8	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

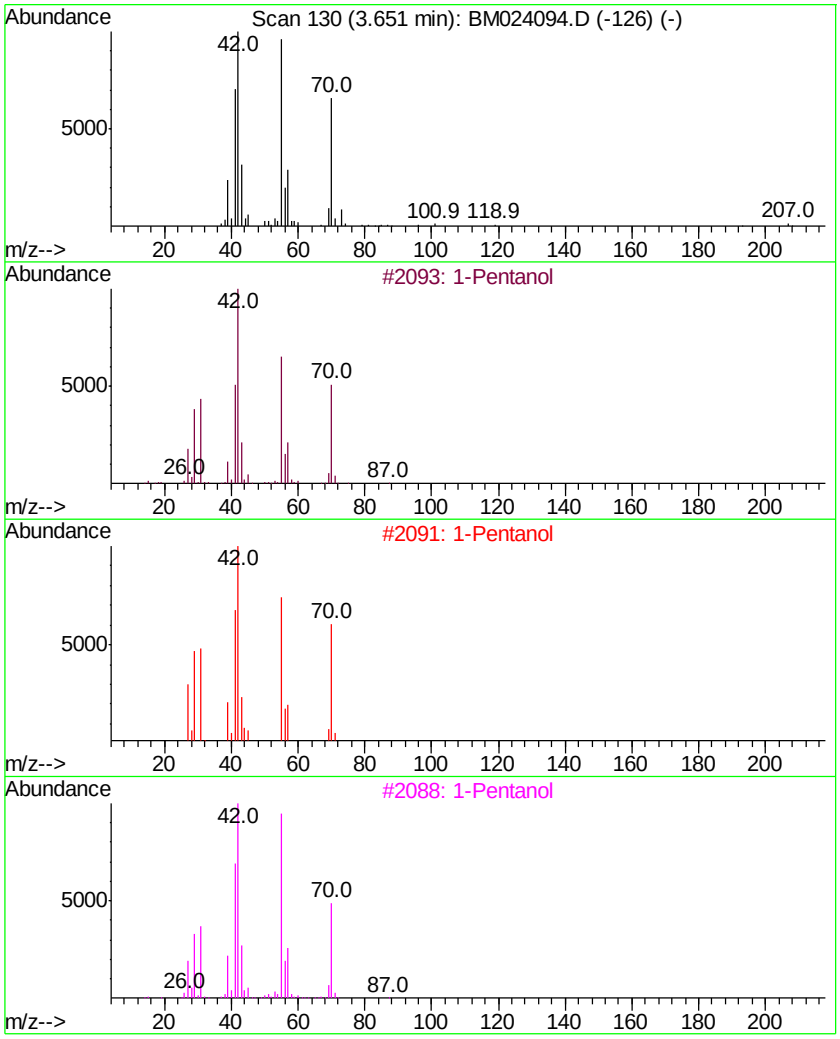
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

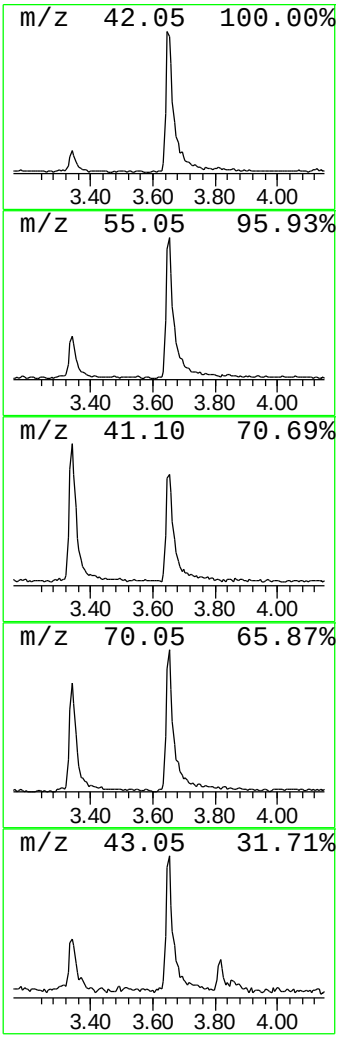
****

Peak Number 2 1-Pentanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	3.86 ng/ul	384980	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol	88	C5H12O	000071-41-0	90
2	1-Pentanol	88	C5H12O	000071-41-0	78
3	1-Pentanol	88	C5H12O	000071-41-0	78
4	1-Pentene	70	C5H10	000109-67-1	72
5	1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

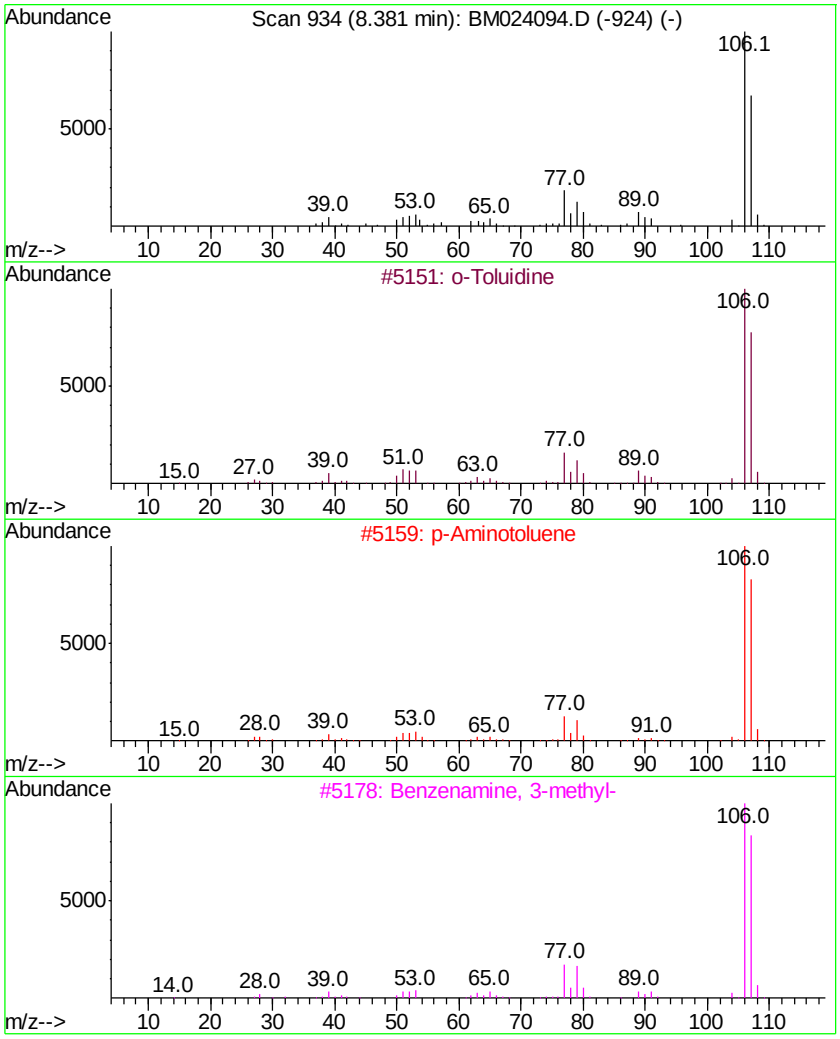
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

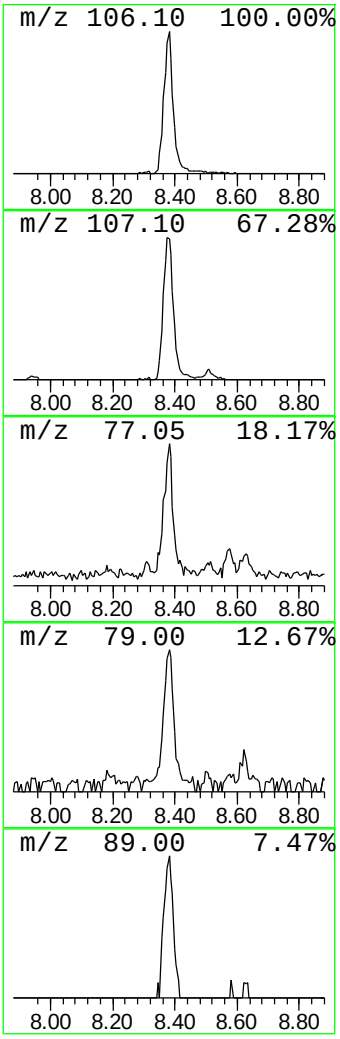
****

Peak Number 4 o-Toluidine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	2.70 ng/ul	268964	1,4-Dichlorobenzene-d4	7.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluidine	107	C7H9N	000095-53-4	95
2	p-Aminotoluene	107	C7H9N	000106-49-0	95
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
5	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

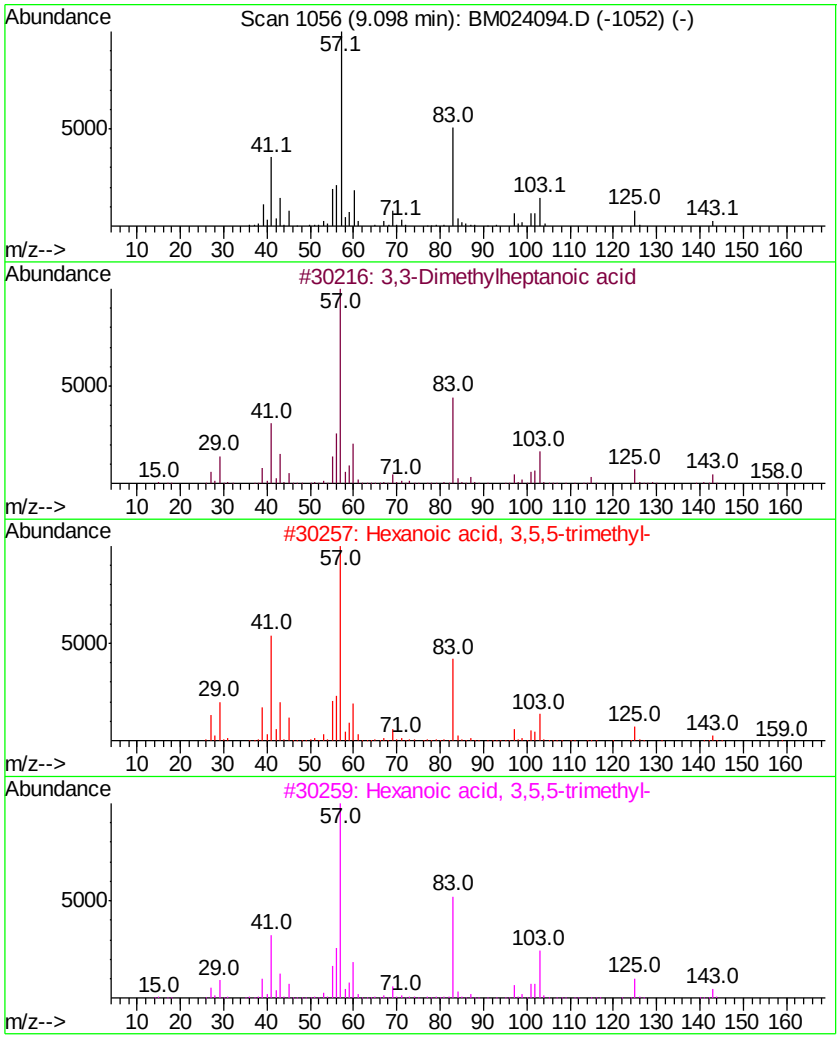
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

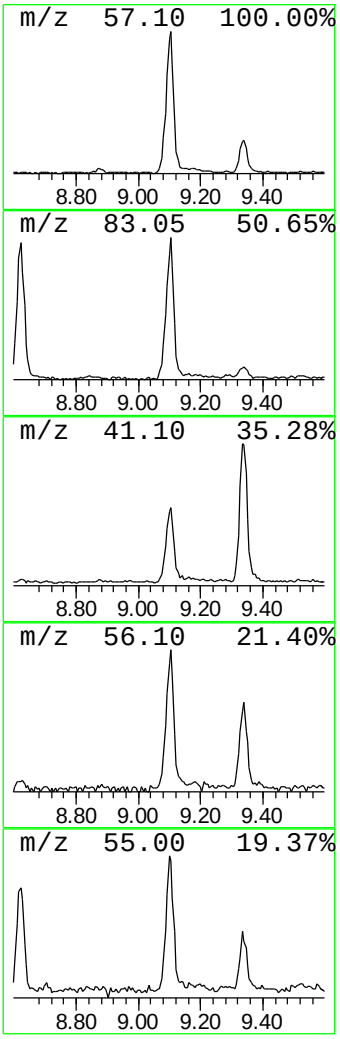
****

Peak Number 5 3,3-Dimethylheptanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	2.90 ng/ul	392483	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethylheptanoic acid	158	C9H18O2	067061-30-7	83
2	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	83
3	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	59
4	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	59
5	Hexanoic acid, 3,5,5-trimethyl-	158	C9H18O2	003302-10-1	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

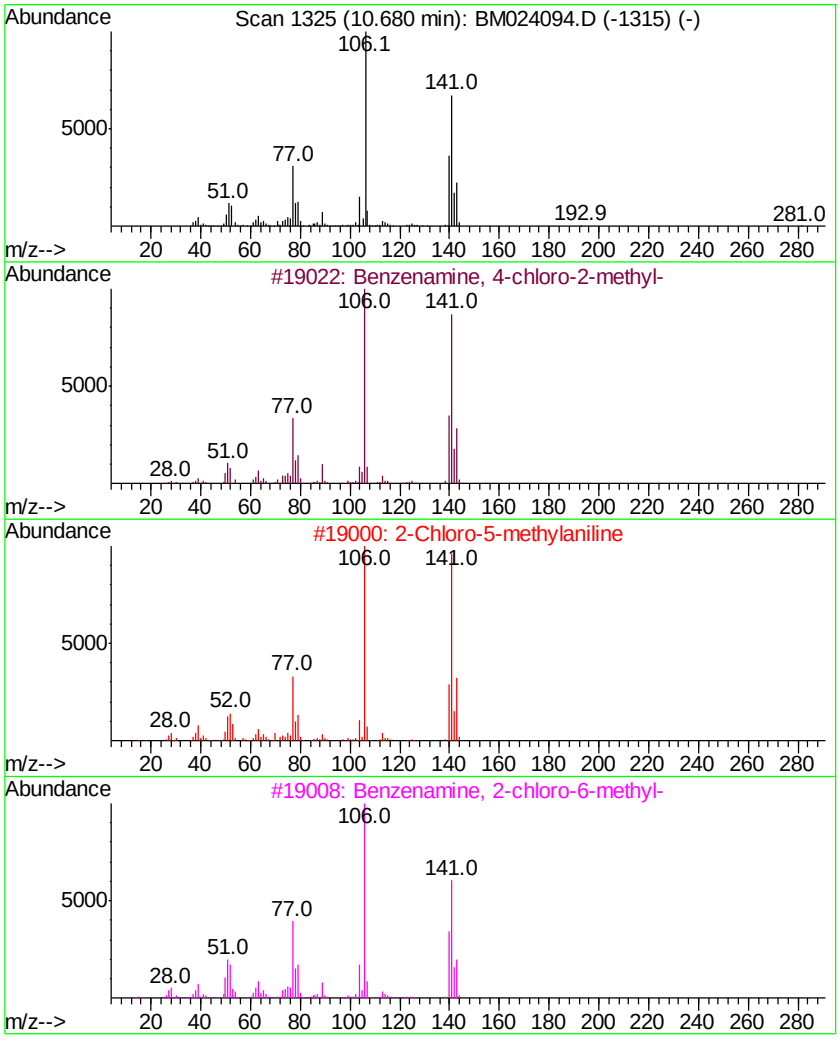
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

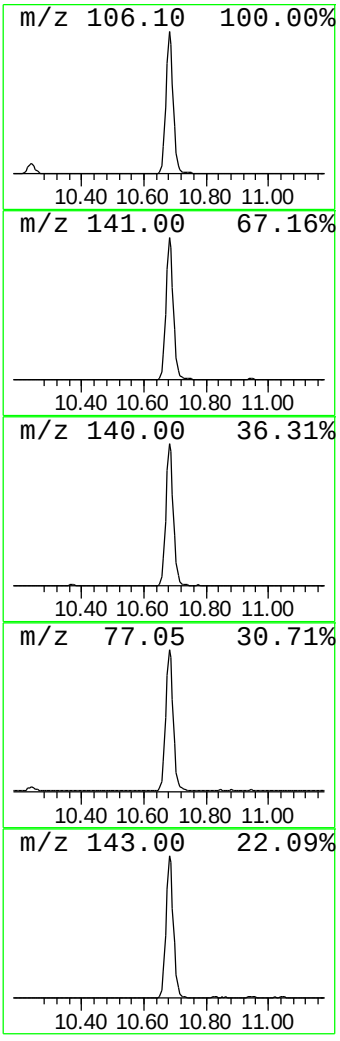
****

Peak Number 6 Benzenamine, 4-chloro-2-met... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	16.35 ng/ul	2212650	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	97
2	2-Chloro-5-methylaniline	141	C7H8ClN	000095-81-8	97
3	Benzenamine, 2-chloro-6-methyl-	141	C7H8ClN	000087-63-8	96
4	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	95
5	Benzenamine, 3-chloro-2-methyl-	141	C7H8ClN	000087-60-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

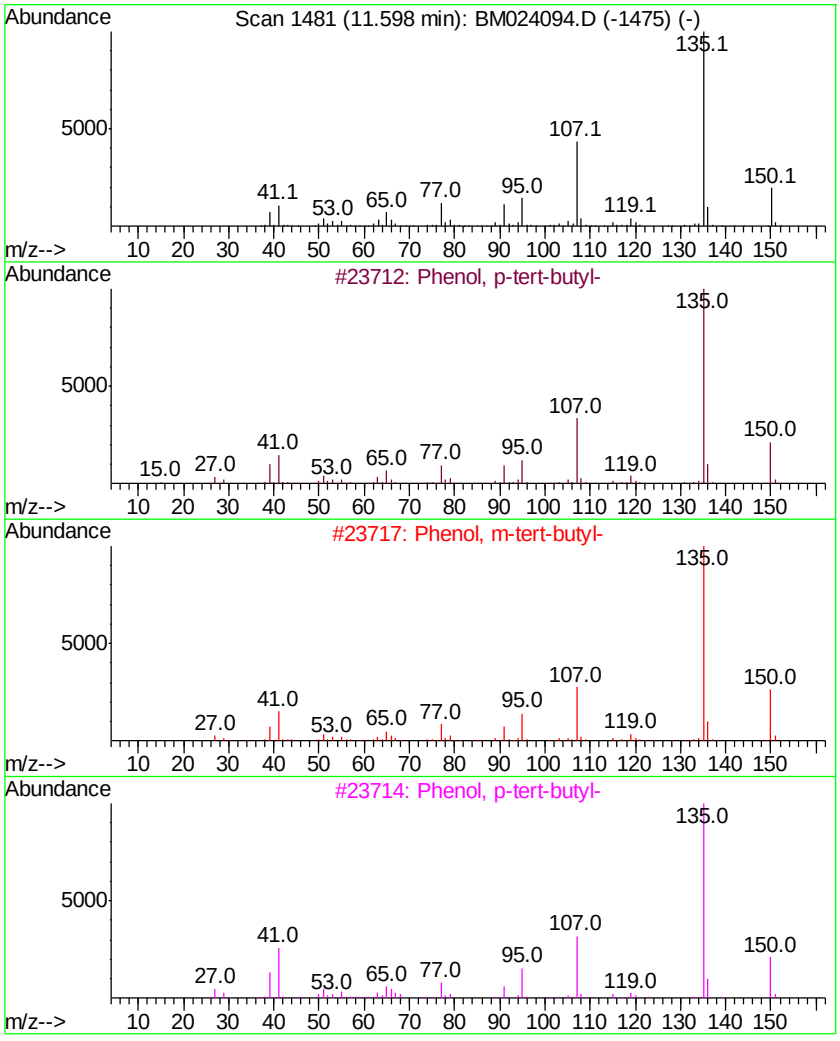
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

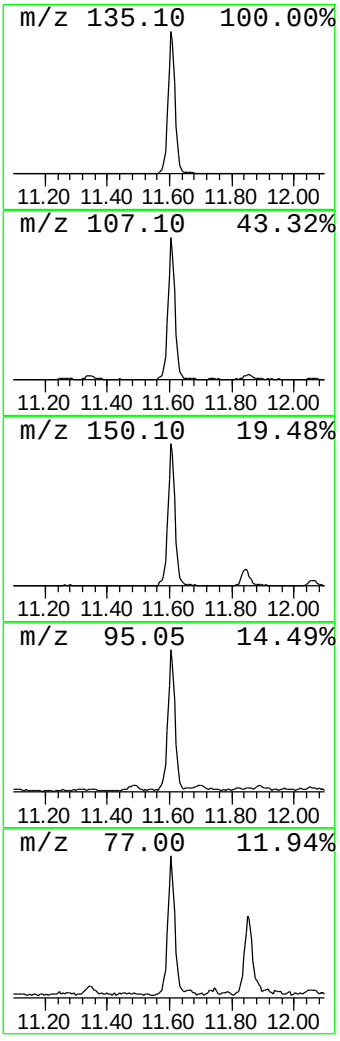
****

Peak Number 7 Phenol, p-tert-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	10.28 ng/ul	1391240	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	94
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	60
5	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

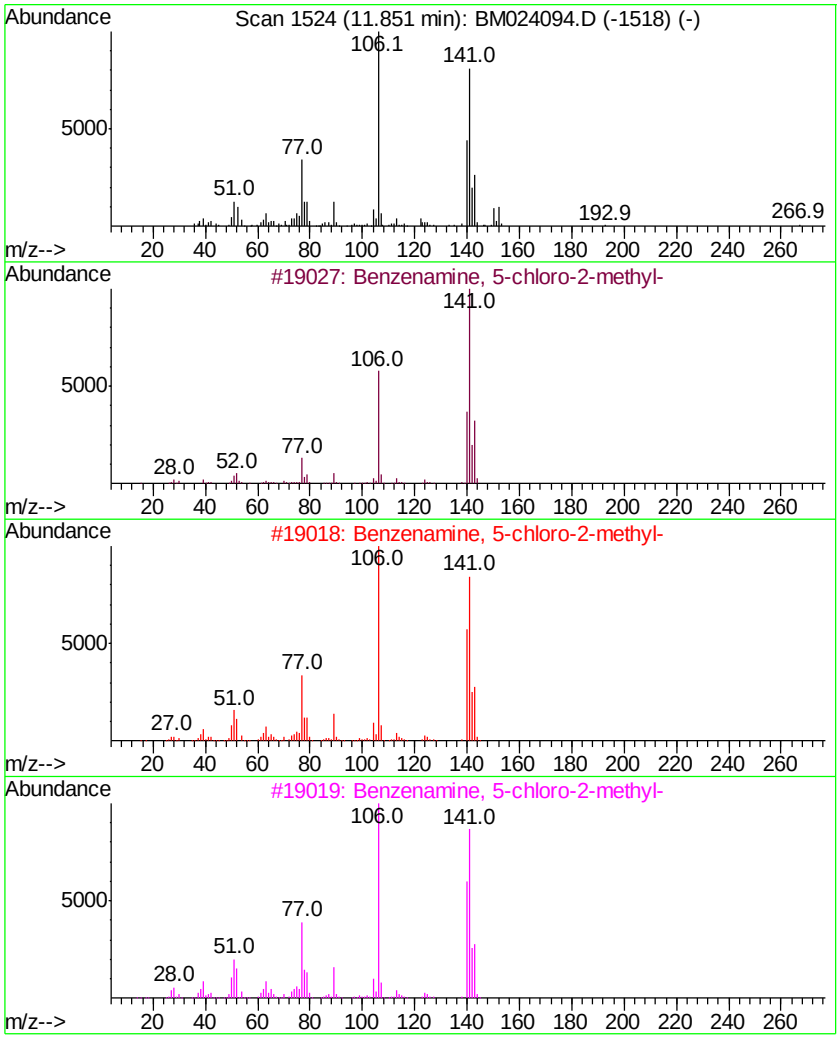
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

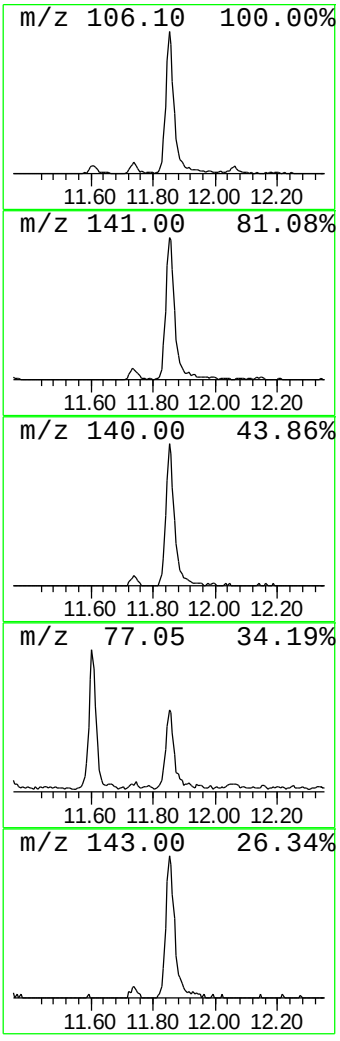
****

Peak Number 8 Benzenamine, 5-chloro-2-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.05 ng/ul	548533	Naphthalene-d8	10.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	94
2	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	94
3	Benzenamine, 5-chloro-2-methyl-	141	C7H8ClN	000095-79-4	93
4	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	93
5	Benzenamine, 4-chloro-2-methyl-	141	C7H8ClN	000095-69-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

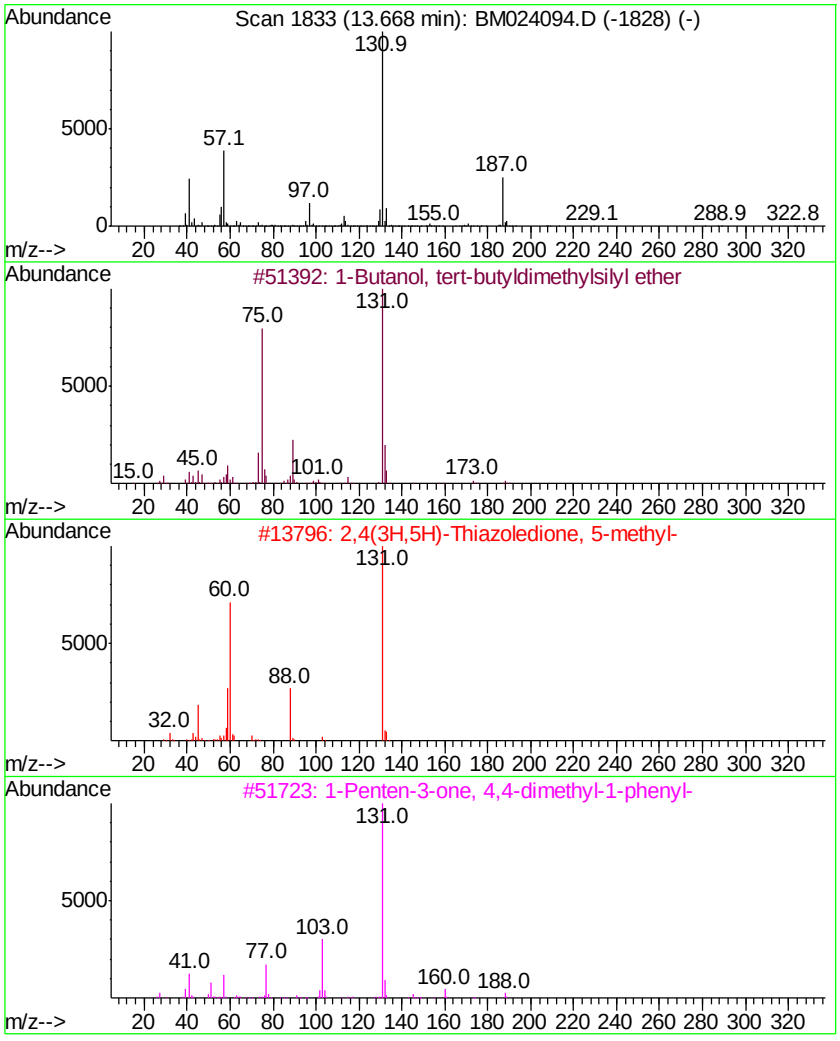
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

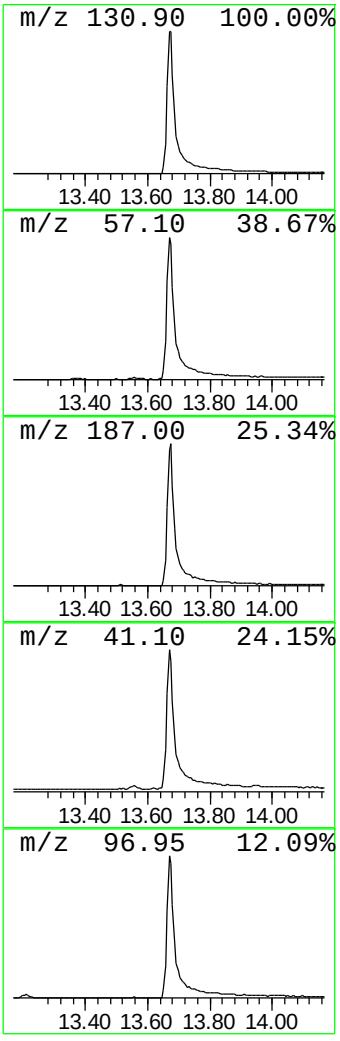
****

Peak Number 9 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	50.63 ng/ul	8944250	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, tert-butyldimethylsil...	188	C10H24OSi	1000333-04-7	9
2	2,4(3H,5H)-Thiazoledione, 5-methyl-	131	C4H5NO2S	1000319-17-7	7
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	4
4	2-Oxazolidinethione, 4,4-dimethyl-	131	C5H9NOS	054013-55-7	4
5	4-Methyltetrahydro-1,3-oxazine-2...	131	C5H9NOS	014760-60-2	4





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

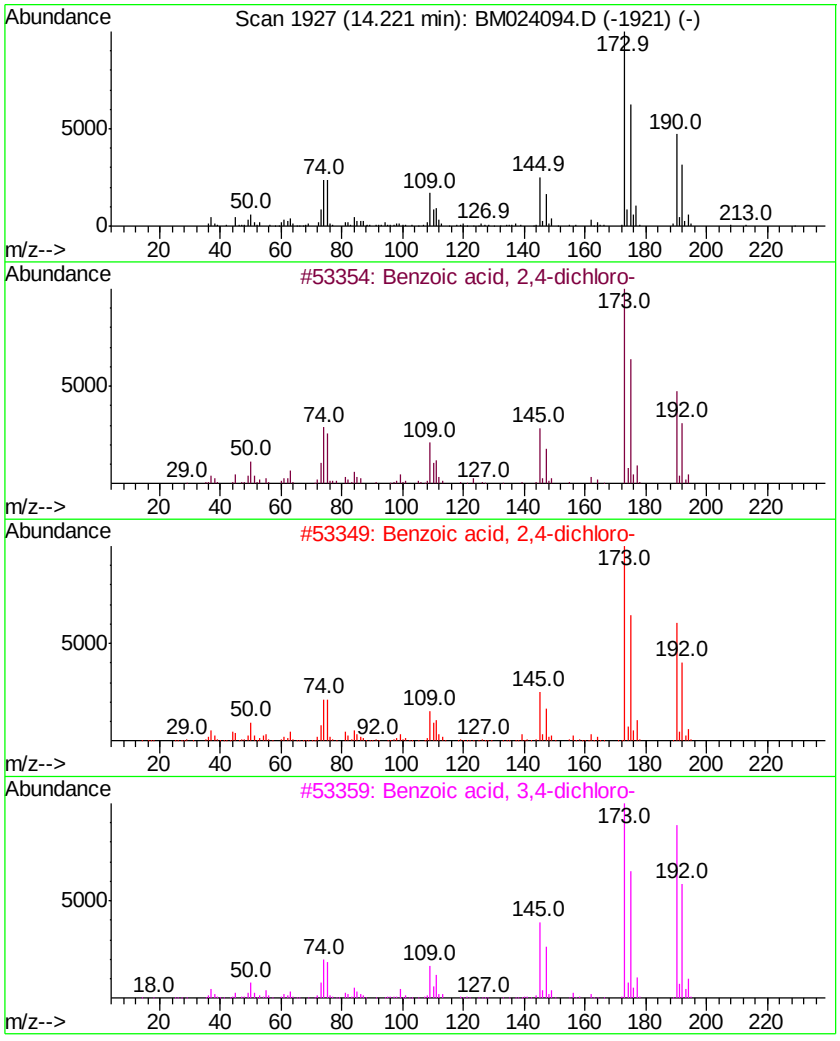
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

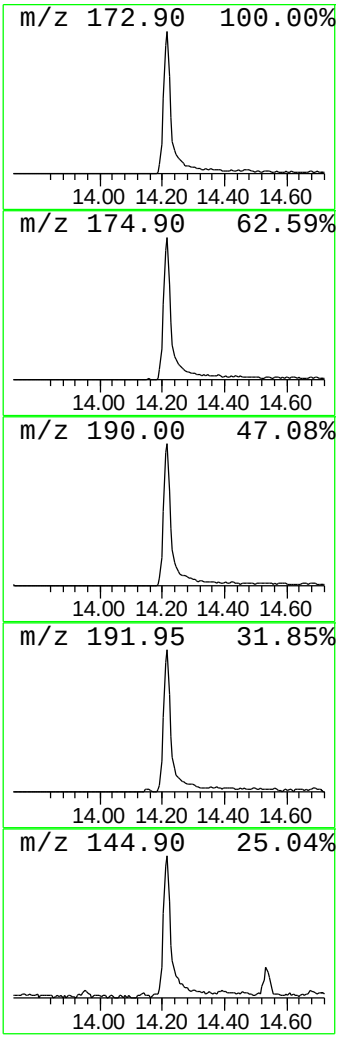
****

Peak Number 10 Benzoic acid, 2,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	4.37 ng/ul	771442	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	99
2	Benzoic acid, 2,4-dichloro-	190	C7H4Cl2O2	000050-84-0	98
3	Benzoic acid, 3,4-dichloro-	190	C7H4Cl2O2	000051-44-5	96
4	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	95
5	Benzoic acid, 2,6-dichloro-	190	C7H4Cl2O2	000050-30-6	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

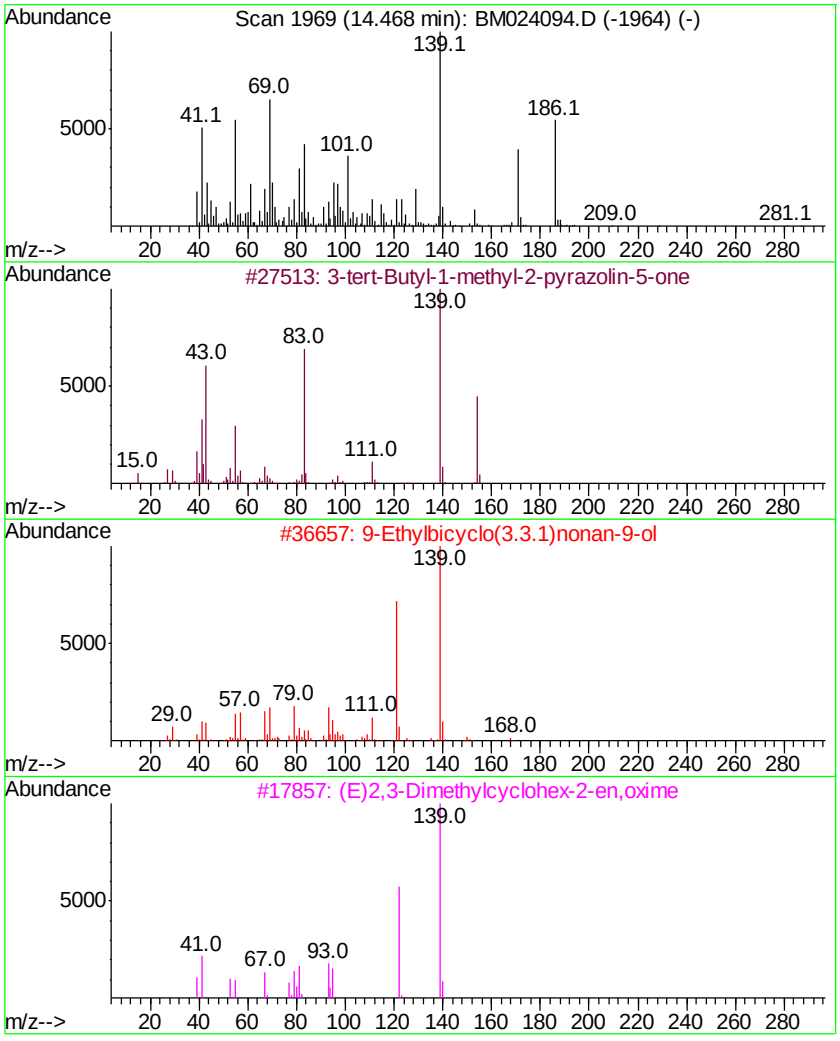
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

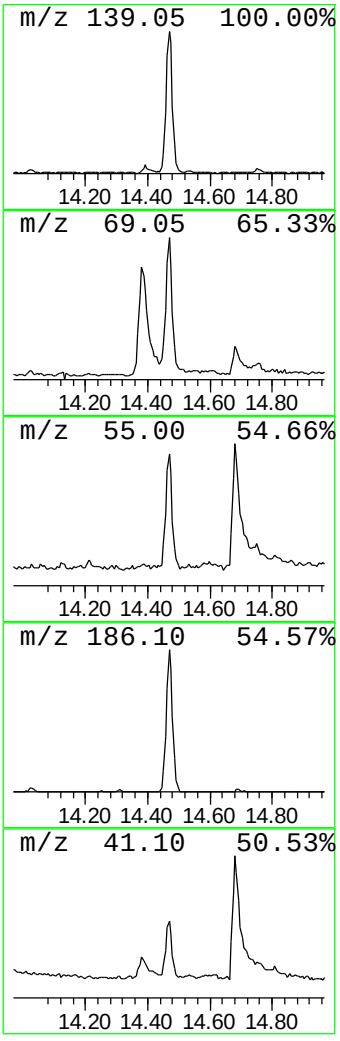
****

Peak Number 11 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.06 ng/ul	894139	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-tert-Butyl-1-methyl-2-pyrazoli...	154	C8H14N2O	087031-30-9	27
2	9-Ethylbicyclo(3.3.1)nonan-9-ol	168	C11H20O	021915-33-3	20
3	(E)2,3-Dimethylcyclohex-2-en,oxime	139	C8H13NO	1000311-90-7	18
4	Benzenamine, N-sulfinyl-	139	C6H5NOS	001122-83-4	15
5	Thiophene, 2,5-dipropyl-	168	C10H16S	054411-07-3	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

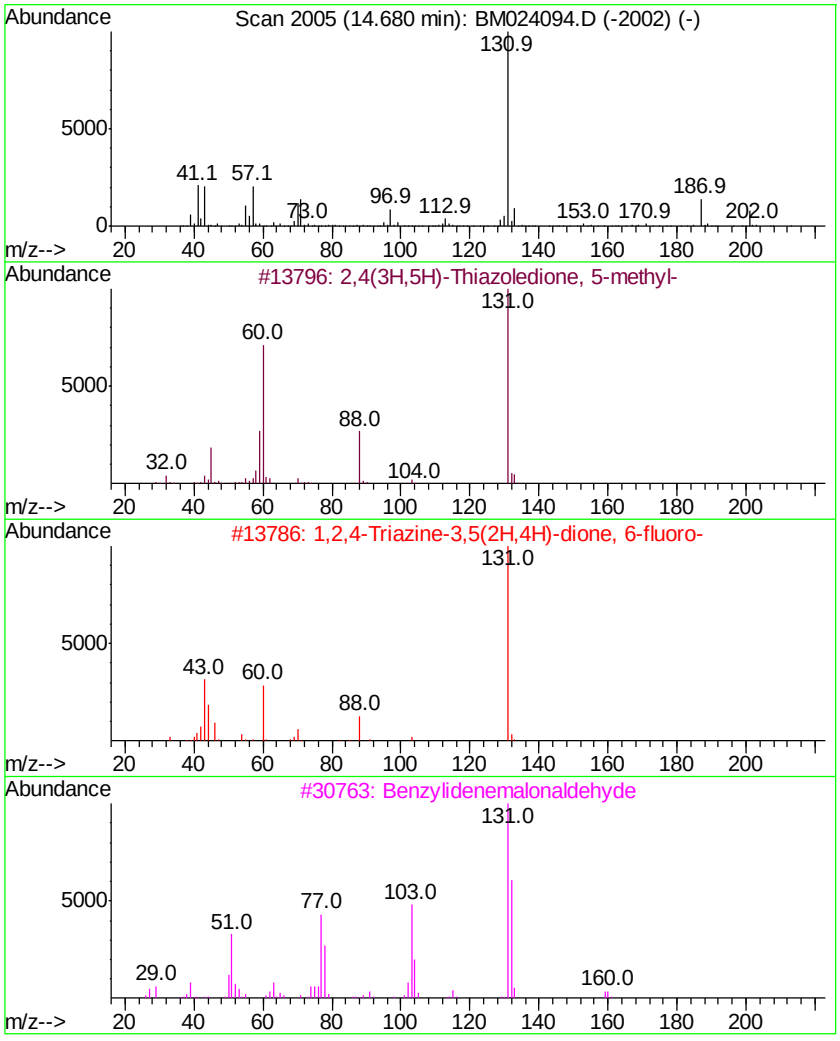
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

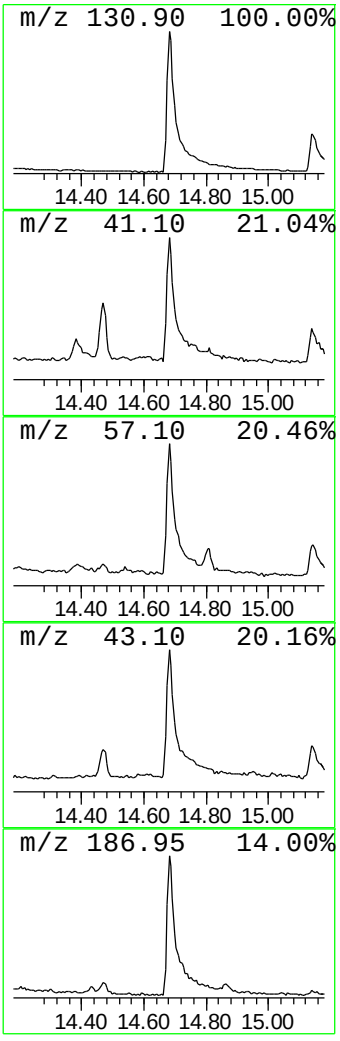
****

Peak Number 12 unknown-03 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	10.11 ng/ul	1785820	Acenaphthene-d10	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(3H,5H)-Thiazoledione, 5-methyl-	131	C4H5NO2S	1000319-17-7	7
2	1,2,4-Triazine-3,5(2H,4H)-dione,...	131	C3H2FN3O2	082736-95-6	7
3	Benzylidenemalonaldehyde	160	C10H8O2	082700-43-4	7
4	Pyrido[2,3-d]pyrimidine	131	C7H5N3	000254-61-5	4
5	6-Methyltetrahydro-1,3-oxazine-2...	131	C5H9NOS	085333-94-4	4





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

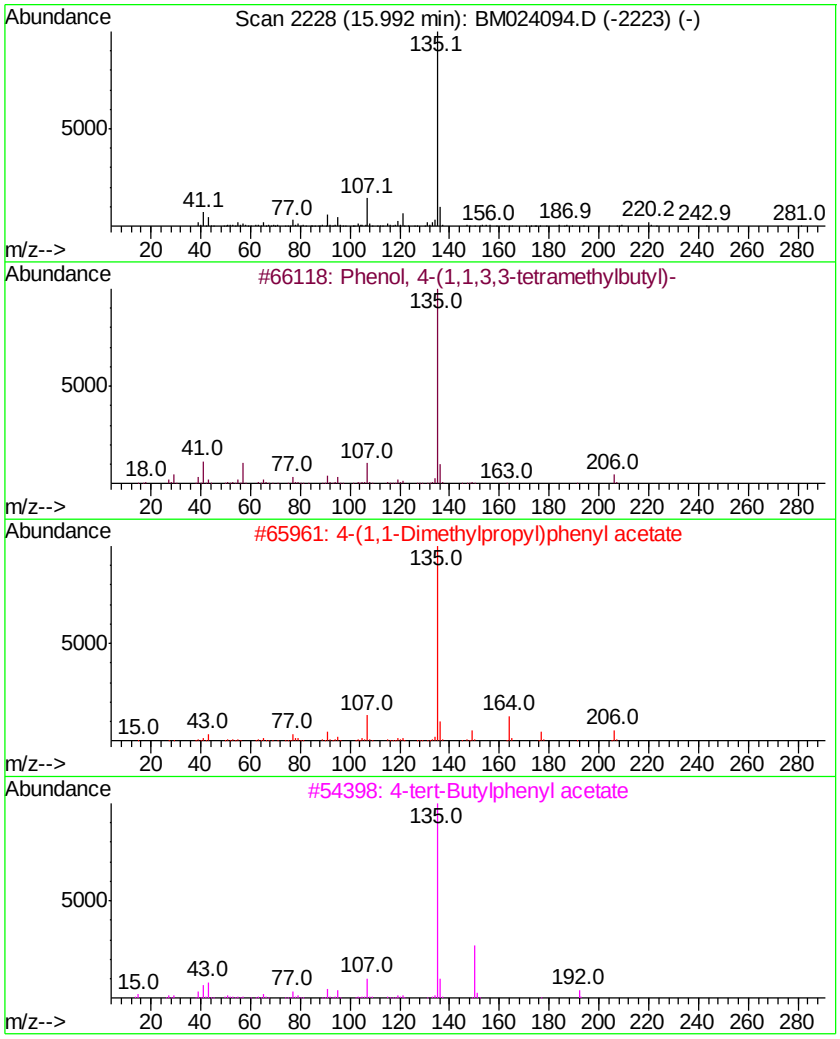
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

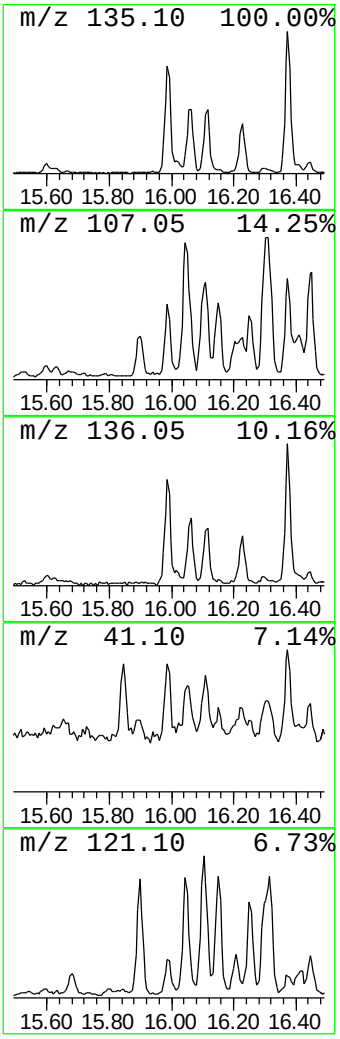
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.22 ng/ul	415738	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
5	1-Adamantanecarboxylic acid, 4-c...	281	C18H19NO2	1000307-66-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

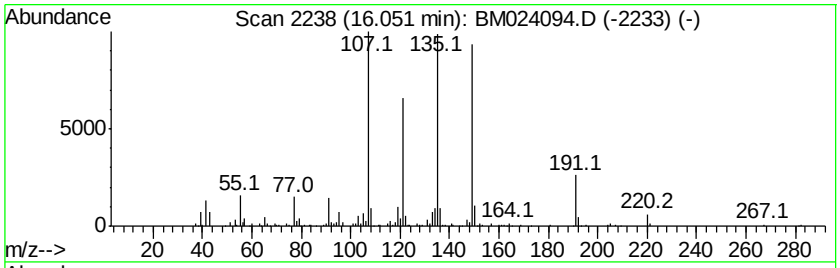
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

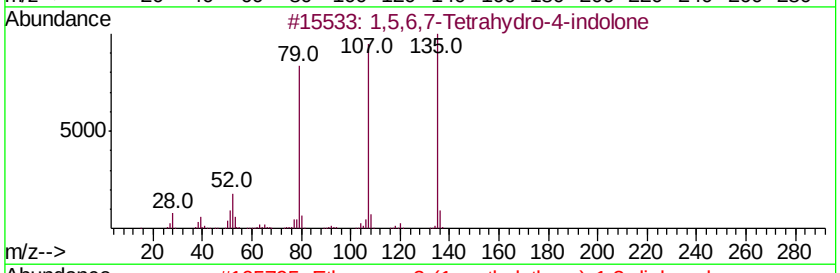
****

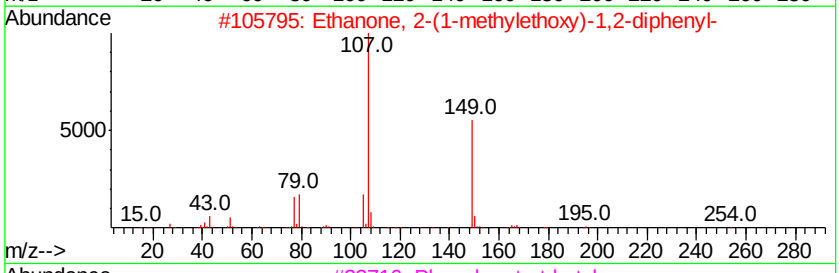
Peak Number 14 unknown-04 Concentration Rank 19

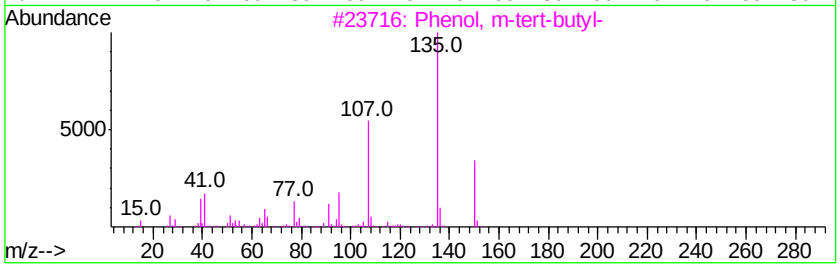
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.60 ng/ul	486920	Phenanthrene-d10	16.88

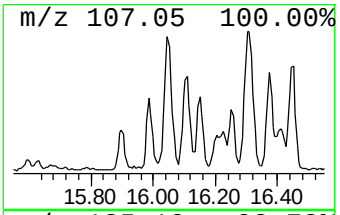
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,6,7-Tetrahydro-4-indolone	135	C8H9NO	013754-86-4	46
2	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	43
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	43
4	2-Iodobenzyl alcohol, acetate	276	C9H9IO2	1000364-47-1	43
5	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	43

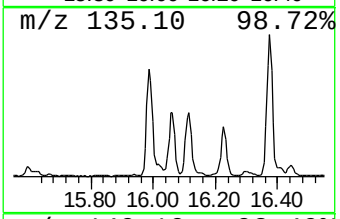


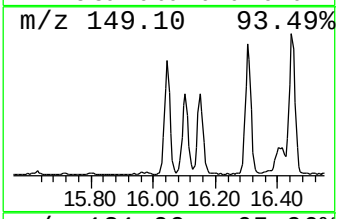


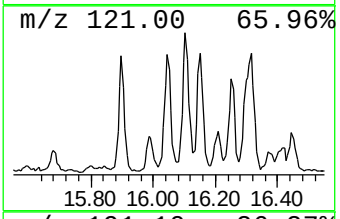


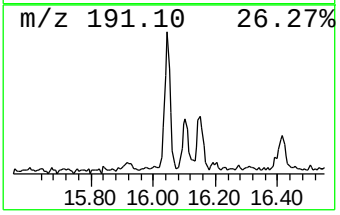












Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

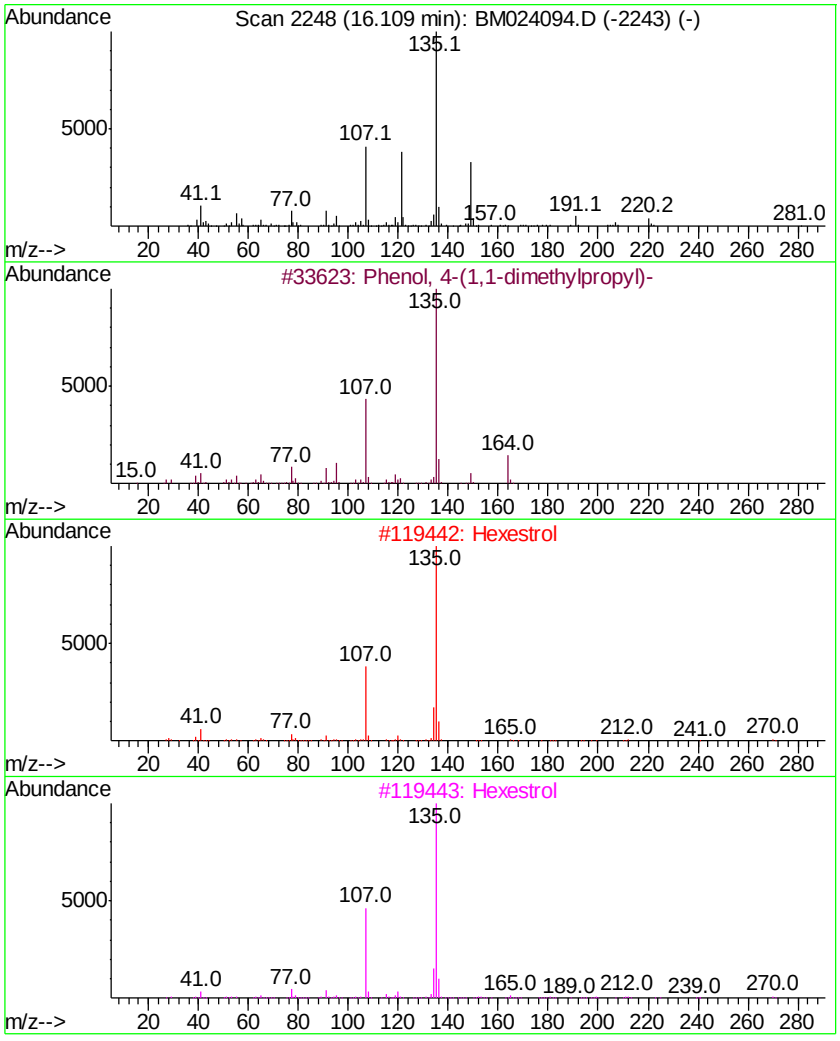
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

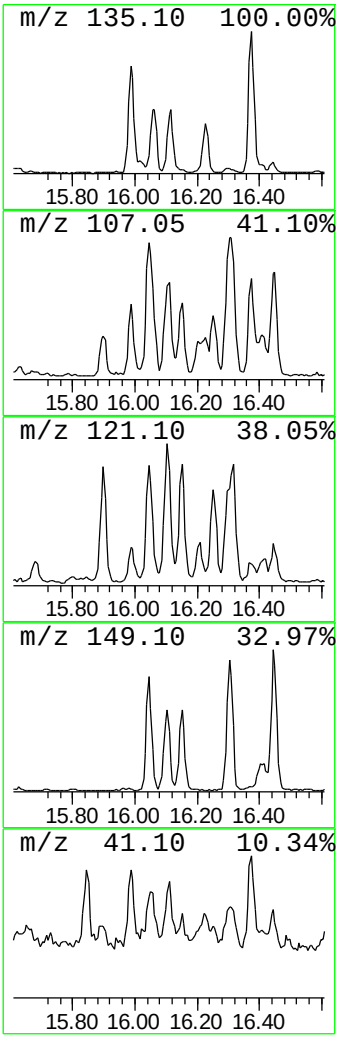
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 4-(1,1-dimethylprop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	2.21 ng/ul	412813	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
2	Hexestrol	270	C18H22O2	005635-50-7	53
3	Hexestrol	270	C18H22O2	000084-16-2	53
4	Hexestrol	270	C18H22O2	000084-16-2	53
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

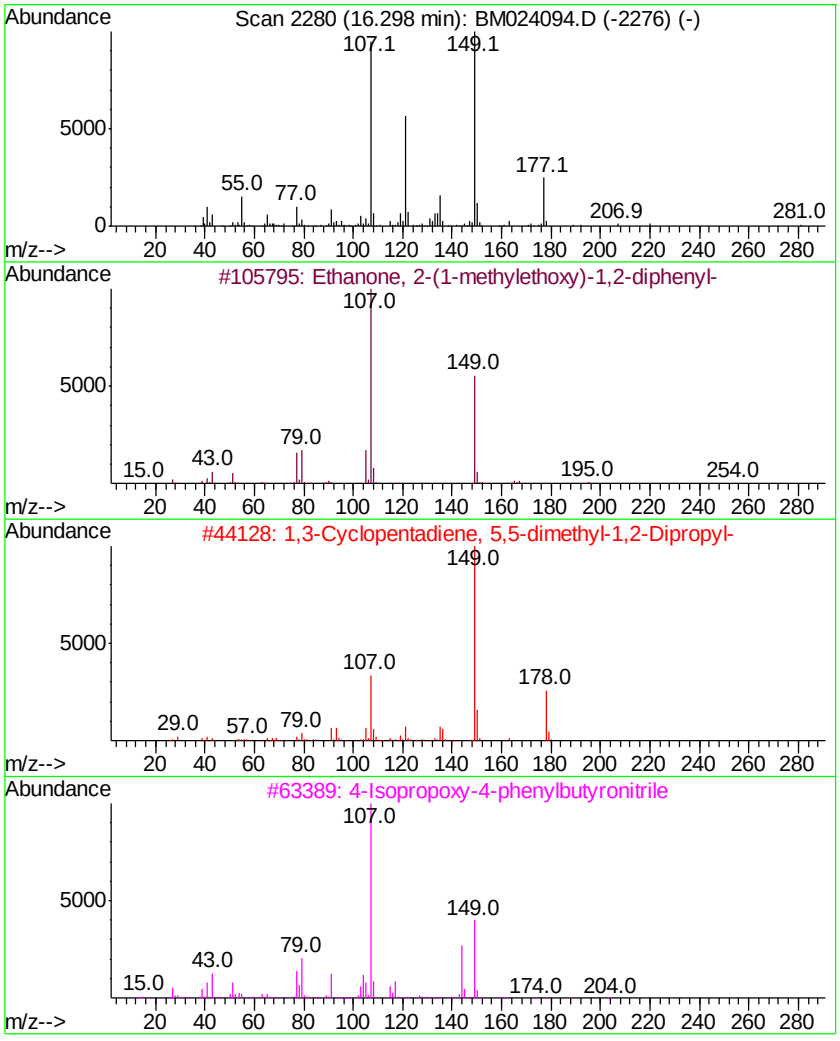
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

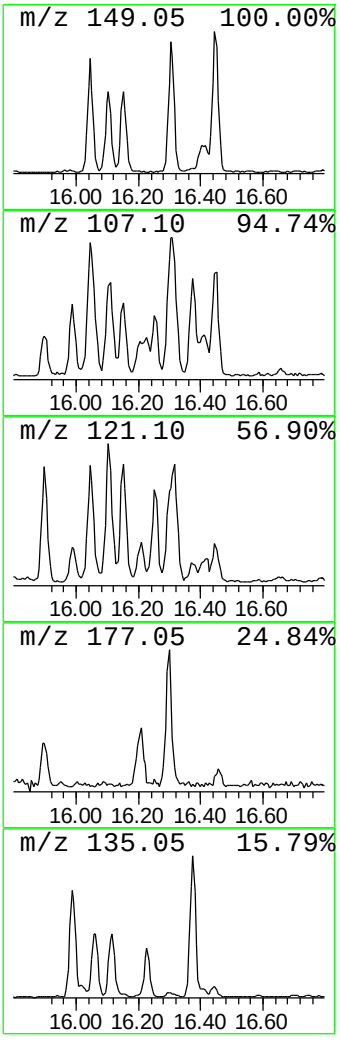
****

Peak Number 16 Ethanone, 2-(1-methylethoxy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.67 ng/ul	499997	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	59
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	56
3	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	47
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

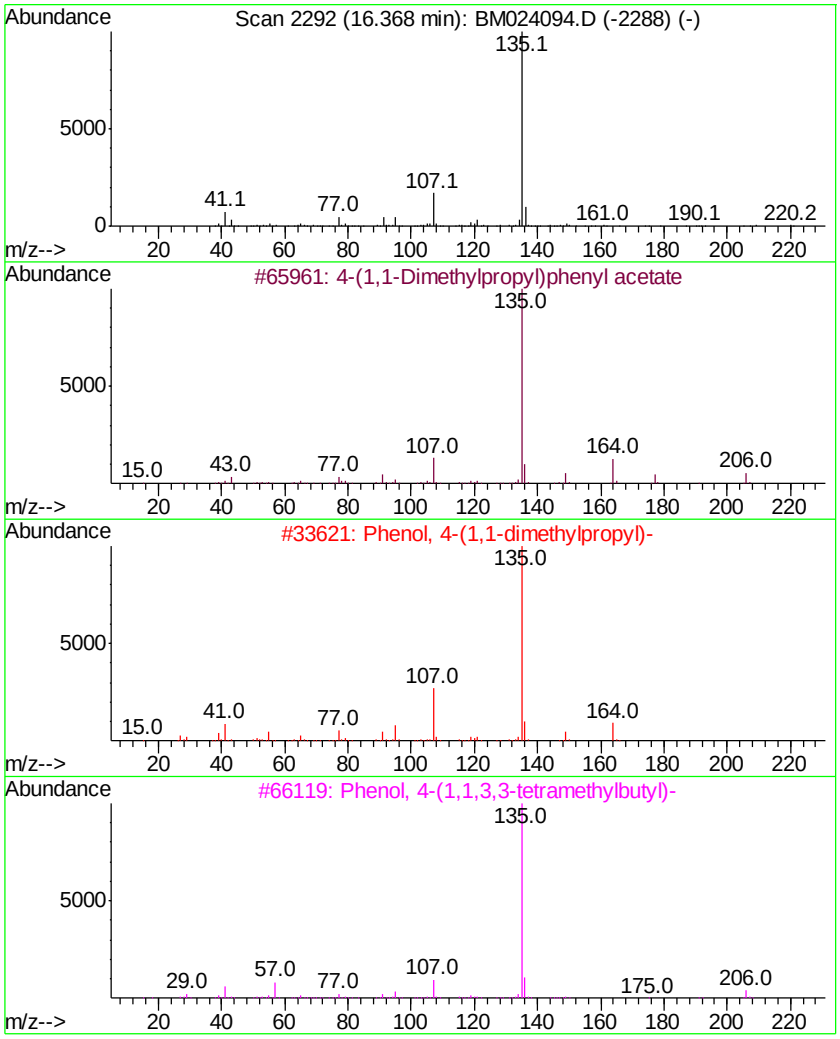
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

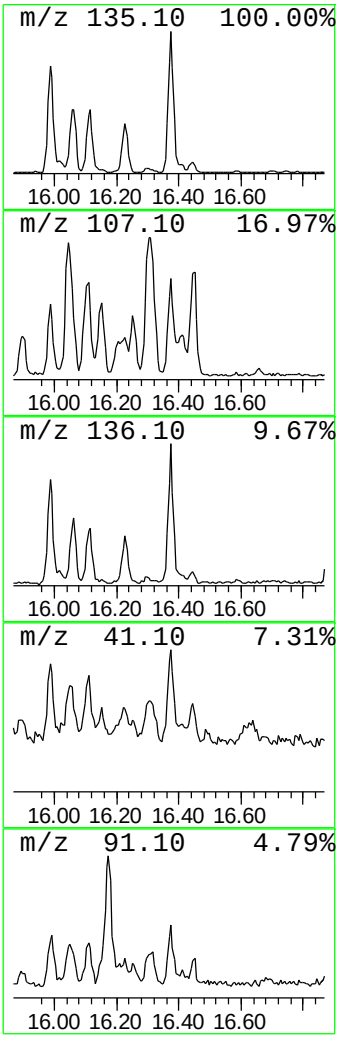
****

Peak Number 17 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.90 ng/ul	541653	Phenanthrene-d10	16.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	83
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
5	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

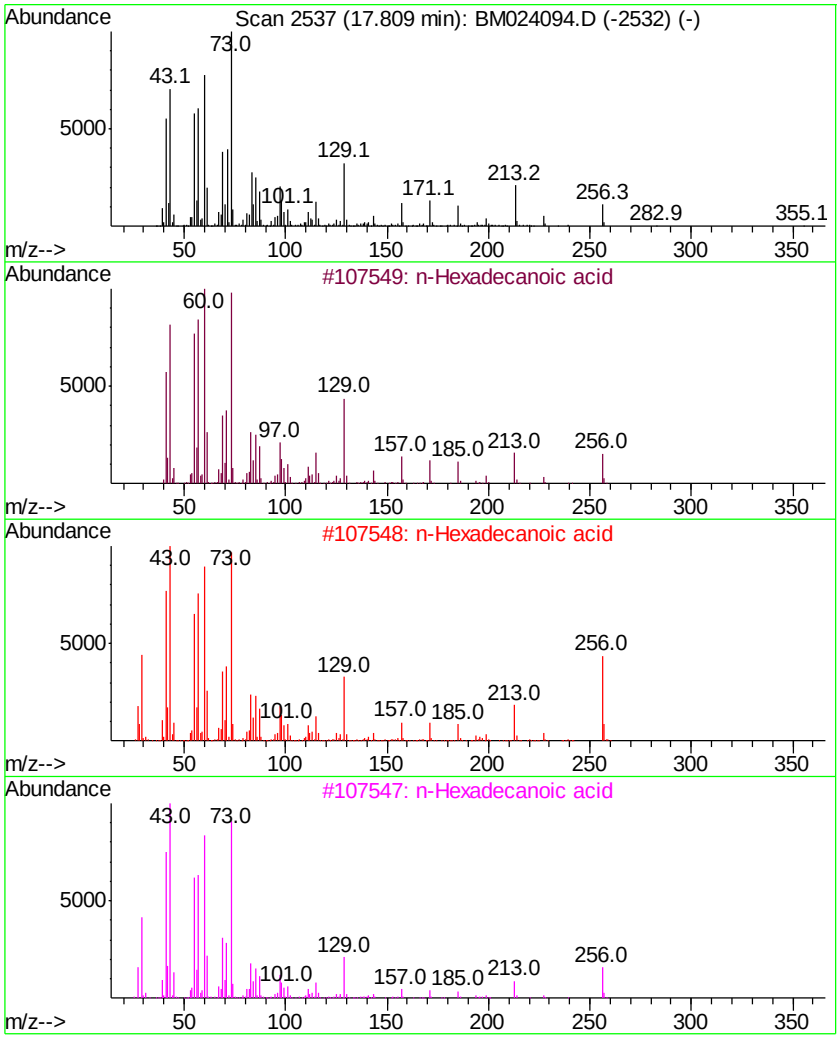
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

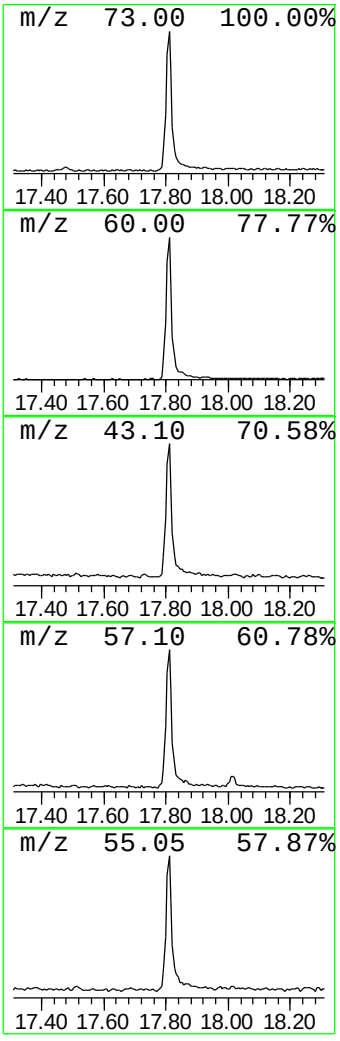
****

Peak Number 18 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	7.73 ng/ul	1445940	Phenanthrene-d10	16.88

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

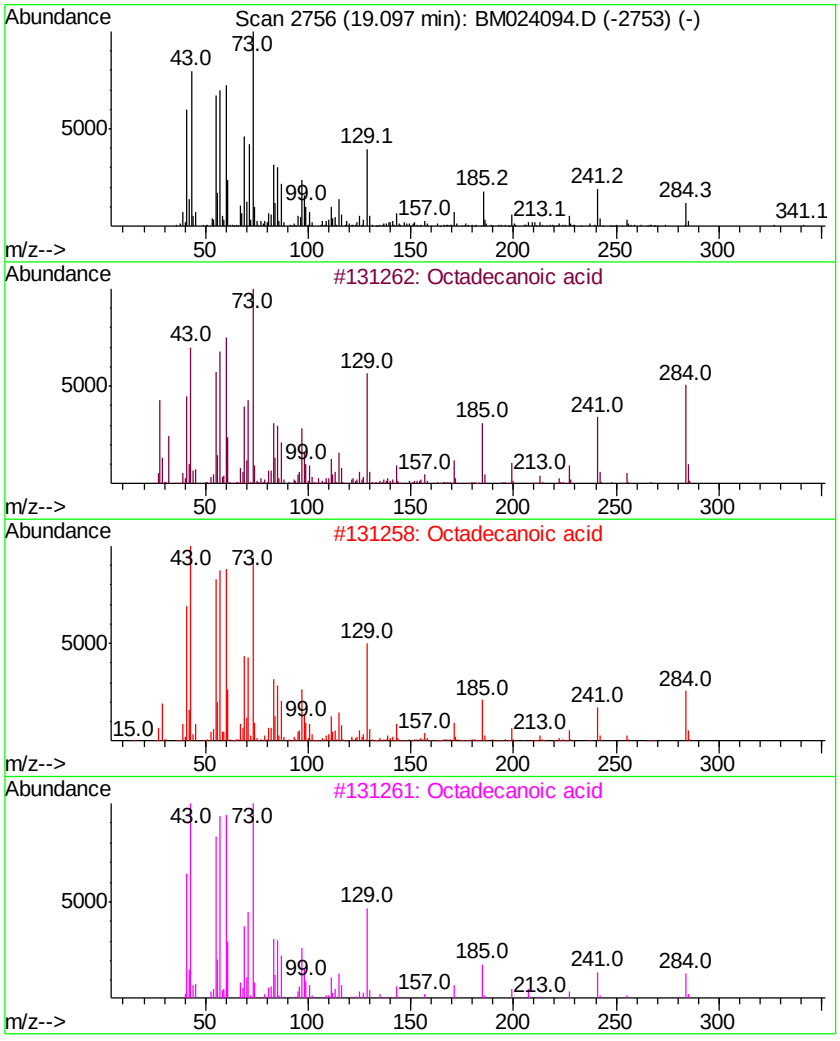
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

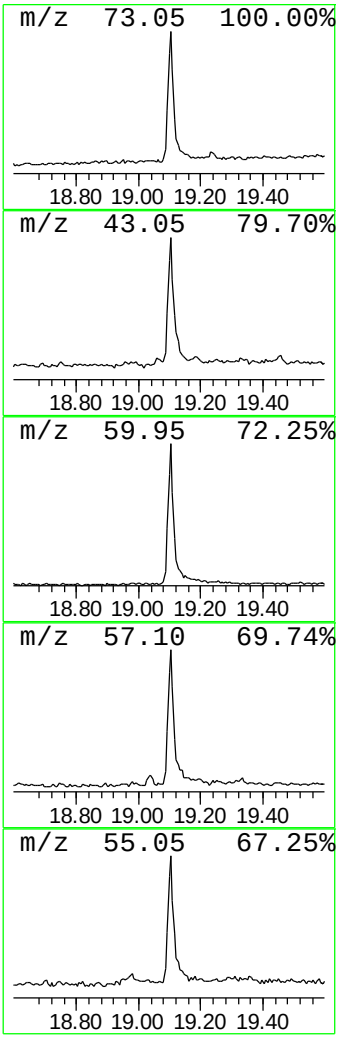
****

Peak Number 19 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.05 ng/ul	846236	Chrysene-d12	21.09

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	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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

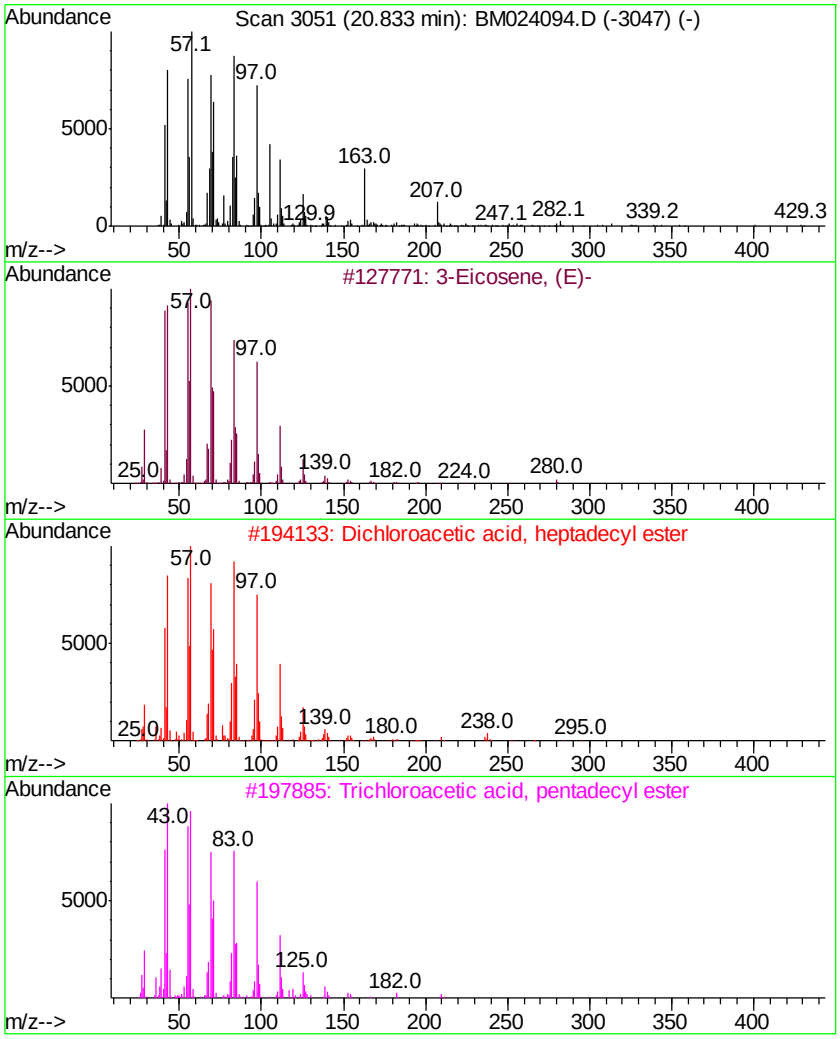
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

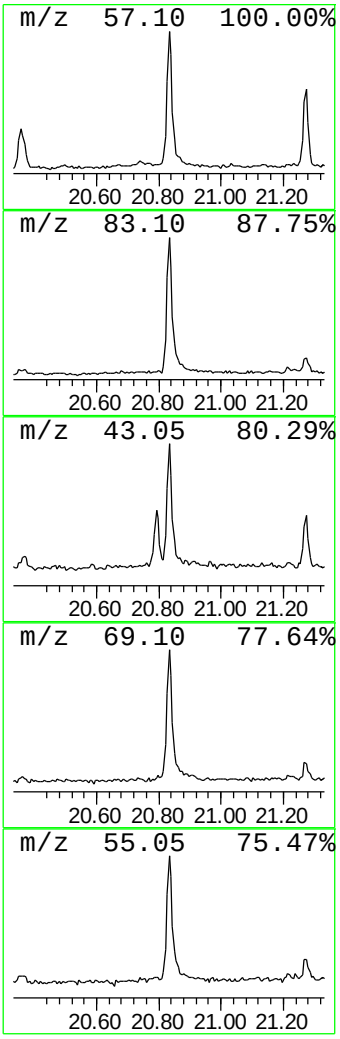
****

Peak Number 20 (DEL) Alkane: Cyclic20.83 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	3.84 ng/ul	801538	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

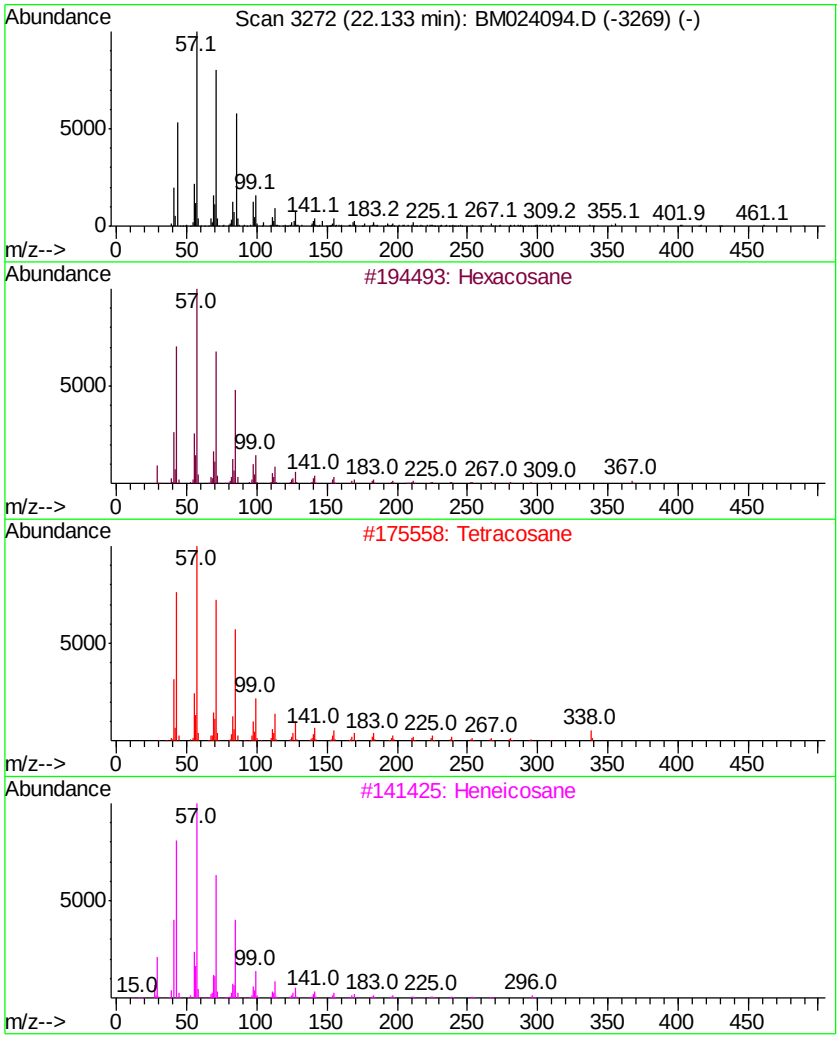
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

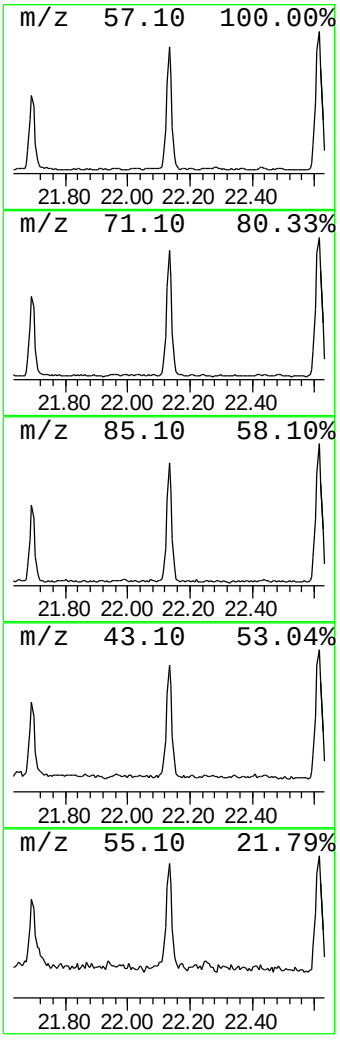
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	2.52 ng/ul	526115	Chrysene-d12	21.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

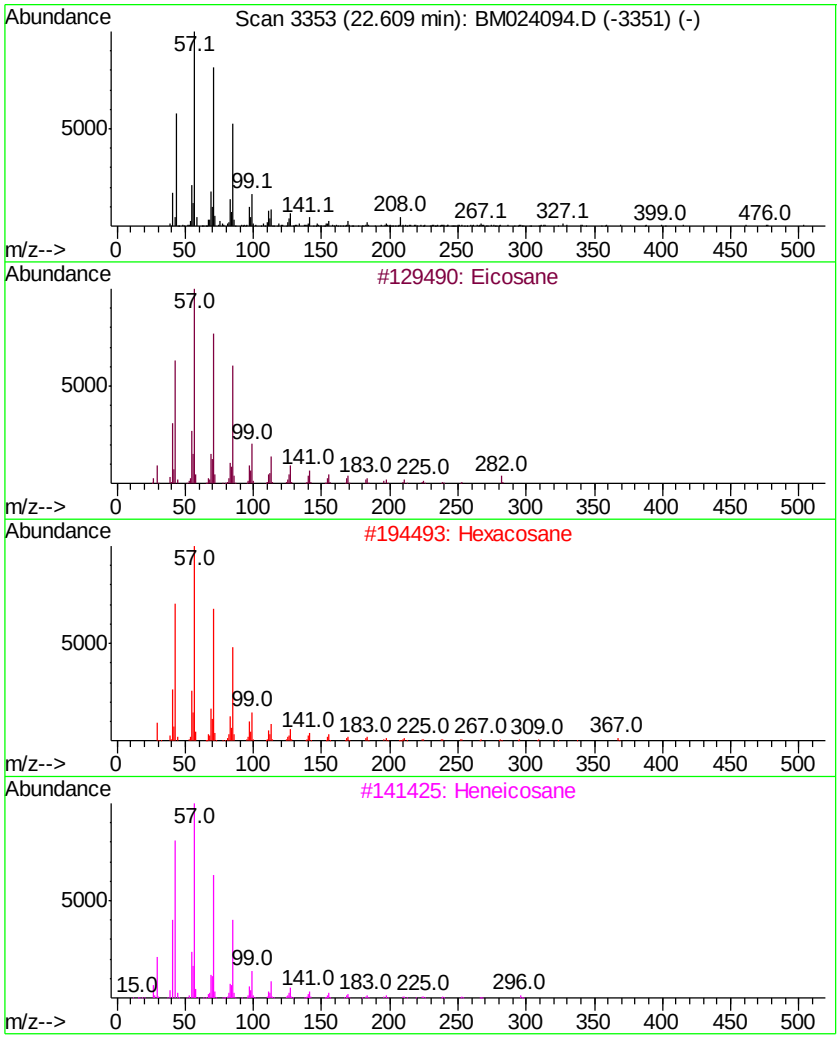
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

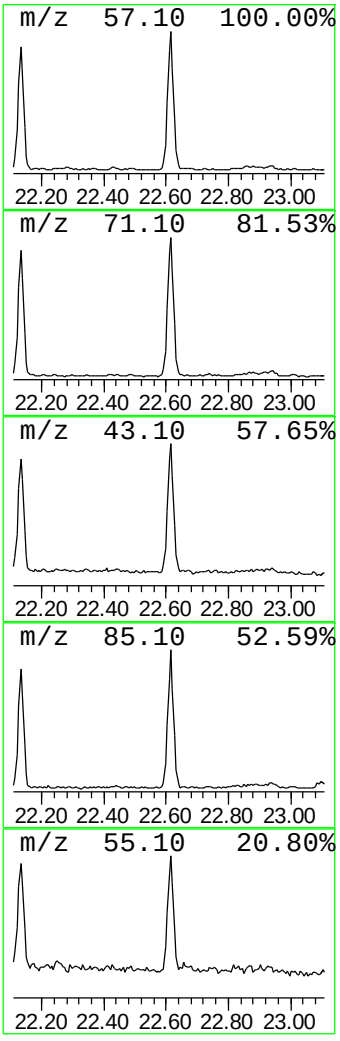
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	3.02 ng/ul	683633	Perylene-d12	23.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121219\
Data File : BM024094.D
Acq On : 13 Dec 2019 16:36
Operator : JU
Sample : K6167-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFQT7

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
1-Butanol, 2-methyl-	3.34	3.8	ng/ul	375194	1	7.47	1995360	20.0
1-Pentanol	3.65	3.9	ng/ul	384980	1	7.47	1995360	20.0
o-Toluidine	8.38	2.7	ng/ul	268964	1	7.47	1995360	20.0
3,3-Dimethylhepta...	9.10	2.9	ng/ul	392483	2	10.24	2706060	20.0
Benzenamine, 4-ch...	10.68	16.4	ng/ul	2212650	2	10.24	2706060	20.0
Phenol, p-tert-bu...	11.60	10.3	ng/ul	1391240	2	10.24	2706060	20.0
Benzenamine, 5-ch...	11.85	4.0	ng/ul	548533	2	10.24	2706060	20.0
unknown-01	13.67	50.6	ng/ul	8944250	3	14.13	3533450	20.0
Benzoic acid, 2,4...	14.22	4.4	ng/ul	771442	3	14.13	3533450	20.0
unknown-02	14.47	5.1	ng/ul	894139	3	14.13	3533450	20.0
unknown-03	14.68	10.1	ng/ul	1785820	3	14.13	3533450	20.0
Phenol, 4-(1,1,3,...	15.99	2.2	ng/ul	415738	4	16.88	3741270	20.0
unknown-04	16.05	2.6	ng/ul	486920	4	16.88	3741270	20.0
Phenol, 4-(1,1-di...	16.11	2.2	ng/ul	412813	4	16.88	3741270	20.0
Ethanone, 2-(1-me...	16.30	2.7	ng/ul	499997	4	16.88	3741270	20.0
4-(1,1-Dimethylpr...	16.37	2.9	ng/ul	541653	4	16.88	3741270	20.0
n-Hexadecanoic acid	17.81	7.7	ng/ul	1445940	4	16.88	3741270	20.0
Octadecanoic acid	19.10	4.0	ng/ul	846236	5	21.09	4177930	20.0
(DEL) Alkane: Cyc...	20.83	3.8	ng/ul	801538	5	21.09	4177930	20.0
(DEL) Alkane: Str...	22.13	2.5	ng/ul	526115	5	21.09	4177930	20.0
(DEL) Alkane: Str...	22.61	3.0	ng/ul	683633	6	23.23	4523090	20.0