LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023875.D
Acq On : 23 Nov 2019 02:10
Operator : JU
Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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-BM111119MA.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	3.052	26	28	36	rVB	46879	84112	1.15%	0.100%
2	3.552	111	113	122	rVB3	23740	37994	0.52%	0.045%
3	3.675	129	134	139	rVB2	51642	86271	1.18%	0.103%
4	3.757	144	148	155	rVB	133884	186014	2.53%	0.222%
5	4.669	298	303	313	rBV	47239	91881	1.25%	0.109%
6	5.051	363	368	376	rVB	157036	239973	3.27%	0.286%
7	5.181	384	390	399	rBV	147491	295678	4.03%	0.352%
8	5.522	442	448	461	rVV2	228888	444474	6.06%	0.529%
9	6.016	527	532	539	rVB	58439	96282	1.31%	0.115%
10	6.498	609	614	619	rVB	29977	48715	0.66%	0.058%
11	6.610	629	633	638	rVV	51937	66619	0.91%	0.079%
12	6.698	638	648	661	rVV2	771804	1651764	22.51%	1.968%
13	6.857	669	675	687	rBV	590092	1021018	13.91%	1.216%
14	7.045	701	707	717	rBV	856317	1367682	18.64%	1.629%
15	7.157	720	726	732	rBV2	61471	111988	1.53%	0.133%
16	7.510	779	786	795	rBV	1313108	2082674	28.38%	2.481%
17	7.622	802	805	813	rVB2	19368	35170	0.48%	0.042%
18	8.057	874	879	884	rVB3	16743	30800	0.42%	0.037%
19	8.151	890	895	900	rBV3	23104	37357	0.51%	0.044%
20	8.228	902	908	918	rBV	822067	1376509	18.76%	1.640%
21	8.339	924	927	936	rVB2	40135	73758	1.01%	0.088%
22	8.604	969	972	975	rBV4	20732	29841	0.41%	0.036%
23	8.657	975	981	991	rVV	712272	1242745	16.93%	1.480%
24	8.745	991	996	1004	rVB	34190	55398	0.75%	0.066%
25	9.104	1051	1057	1065	rVB3	32715	62388	0.85%	0.074%
26	9.375	1096	1103	1111	rBV	597509	1041566	14.19%	1.241%
27	9.916	1186	1195	1206	rBV	947256	1705934	23.24%	2.032%
28	9.998	1207	1209	1216	rVB6	17276	25911	0.35%	0.031%
29	10.281	1250	1257	1263	rBV	1827986	3037748	41.39%	3.619%
30	10.328	1263	1265	1274	rVB	56986	94010	1.28%	0.112%
31	10.428	1274	1282	1302	rBV	771064	1484390	20.23%	1.768%
32	11.328	1430	1435	1443	rBV10	10751	26465	0.36%	0.032%
33	11.480	1453	1461	1466	rBV8	17815	35617	0.49%	0.042%
34	11.739	1499	1505	1513	rVB	40306	68388	0.93%	0.081%

LSC Area Percent Report

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Data File : BM023875.D
Acq On : 23 Nov 2019 02:10
Operator : JU
Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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-BM111119MA.M
Title : SVOA CALIBRATION

35	11.886	1526	1530	1535	rVV3	19567	33350	0.45%	0.040%
36	11.957	1537	1542	1554	rVB	95892	160846	2.19%	0.192%
37	12.180	1572	1580	1585	rBV	47266	83620	1.14%	0.100%
38	13.004	1713	1720	1727	rVB2	64722	120407	1.64%	0.143%
39	13.192	1749	1752	1758	rVV2	17064	26733	0.36%	0.032%
40	13.327	1768	1775	1776	rBV	48812	65638	0.89%	0.078%
41	13.492	1796	1803	1808	rBV3	68253	127259	1.73%	0.152%
42	13.539	1808	1811	1814	rVV2	44949	59820	0.82%	0.071%
43	13.586	1814	1819	1824	rVV	1831068	2548660	34.73%	3.036%
44	13.633	1824	1827	1833	rVB	361503	475707	6.48%	0.567%
45	13.721	1838	1842	1847	rVV4	33931	55495	0.76%	0.066%
46	13.857	1857	1865	1877	rBV	2284082	3397244	46.29%	4.047%
47	14.092	1899	1905	1910	rBV	52032	70023	0.95%	0.083%
48	14.169	1910	1918	1925	rBV	2878903	4191119	57.11%	4.992%
49	14.233	1925	1929	1939	rVB2	123544	222113	3.03%	0.265%
50	14.410	1951	1959	1968	rBV2	316068	703845	9.59%	0.838%
51	14.574	1981	1987	1989	rVV2	93299	159326	2.17%	0.190%
52	14.604	1989	1992	1998	rVV	167588	272149	3.71%	0.324%
53	14.657	1998	2001	2005	rVB	31653	40166	0.55%	0.048%
54	14.798	2021	2025	2030	rBV4	25753	46970	0.64%	0.056%
55	14.851	2030	2034	2038	rVB2	33589	49976	0.68%	0.060%
56	14.998	2056	2059	2065	rVB4	27183	44873	0.61%	0.053%
57	15.057	2065	2069	2073	rVB	51392	62565	0.85%	0.075%
58	15.168	2082	2088	2094	rBV	2959852	4168013	56.79%	4.965%
59	15.227	2094	2098	2103	rVB	151624	209774	2.86%	0.250%
60	15.310	2107	2112	2117	rBV	205761	300790	4.10%	0.358%
61	15.404	2123	2128	2132	rBV4	29955	55551	0.76%	0.066%
62	15.468	2136	2139	2144	rVB7	33873	47176	0.64%	0.056%
63	15.527	2144	2149	2152	rBV	37797	58654	0.80%	0.070%
64	15.610	2159	2163	2168	rBV7	14958	33220	0.45%	0.040%
65	15.668	2168	2173	2181	rVV4	56827	119706	1.63%	0.143%
66	15.751	2181	2187	2194	rVV7	35854	110101	1.50%	0.131%
67	15.863	2203	2206	2210	rBV5	15667	29469	0.40%	0.035%
68	15.915	2212	2215	2219	rVV3	50647	67654	0.92%	0.081%
69	16.227	2266	2268	2273	rVB5	23429	33143	0.45%	0.039%
70	16.280	2273	2277	2282	rBV	98326	136079	1.85%	0.162%
71	16.445	2302	2305	2309	rBV3	83427	120476	1.64%	0.144%

LSC Area Percent Report

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Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	16.580	2325	2328	2337	rVB2	76368	140887	1.92%	0.168%
73	16.662	2339	2342	2345	rVV3	37781	65621	0.89%	0.078%
74	16.710	2346	2350	2353	rVV3	157679	255493	3.48%	0.304%
75	16.739	2353	2355	2363	rVV2	109539	173071	2.36%	0.206%
76	16.810	2364	2367	2370	rVB3	49224	55198	0.75%	0.066%
77	16.921	2380	2386	2390	rBV	3505600	4902445	66.80%	5.840%
78	16.962	2390	2393	2398	rVV	1529737	2060784	28.08%	2.455%
79	17.021	2398	2403	2407	rVV	3214039	4550108	62.00%	5.420%
80	17.057	2407	2409	2415	rVV	408360	466574	6.36%	0.556%
81	17.121	2417	2420	2426	rVB2	69514	117815	1.61%	0.140%
82	17.333	2452	2456	2460	rVB	176110	244390	3.33%	0.291%
83	17.451	2473	2476	2479	rVB4	52576	60723	0.83%	0.072%
84	17.798	2531	2535	2539	rBV	151020	208278	2.84%	0.248%
85	17.845	2539	2543	2551	rBV2	539702	818130	11.15%	0.975%
86	17.992	2564	2568	2572	rBV2	244582	381072	5.19%	0.454%
87	18.151	2591	2595	2600	rBV4	112400	177425	2.42%	0.211%
88	18.304	2619	2621	2625	rVB	110854	131876	1.80%	0.157%
89	18.992	2733	2738	2747	rVB	2169586	2842868	38.74%	3.386%
90	19.139	2760	2763	2768	rBV3	115791	179121	2.44%	0.213%
91	19.327	2790	2795	2798	rBV	4284529	6078420	82.82%	7.241%
92	19.356	2798	2800	2809	rVB	1749798	2037499	27.76%	2.427%
93	19.862	2883	2886	2890	rVB	288701	353382	4.82%	0.421%
94	19.956	2900	2902	2906	rVB	234692	254802	3.47%	0.304%
95	20.833	3049	3051	3054	rBV	350501	416800	5.68%	0.496%
96	20.868	3054	3057	3061	rVB2	708788	872194	11.88%	1.039%
97	21.127	3095	3101	3105	rBV2	4752279	7339036	100.00%	8.742%
98	21.162	3105	3107	3116	rVB	1054717	1493450	20.35%	1.779%
99	23.144	3439	3444	3449	rBV	3164192	5081858	69.24%	6.053%
100	23.280	3462	3467	3473	rBV	3122463	5305914	72.30%	6.320%

Sum of corrected areas: 83950078

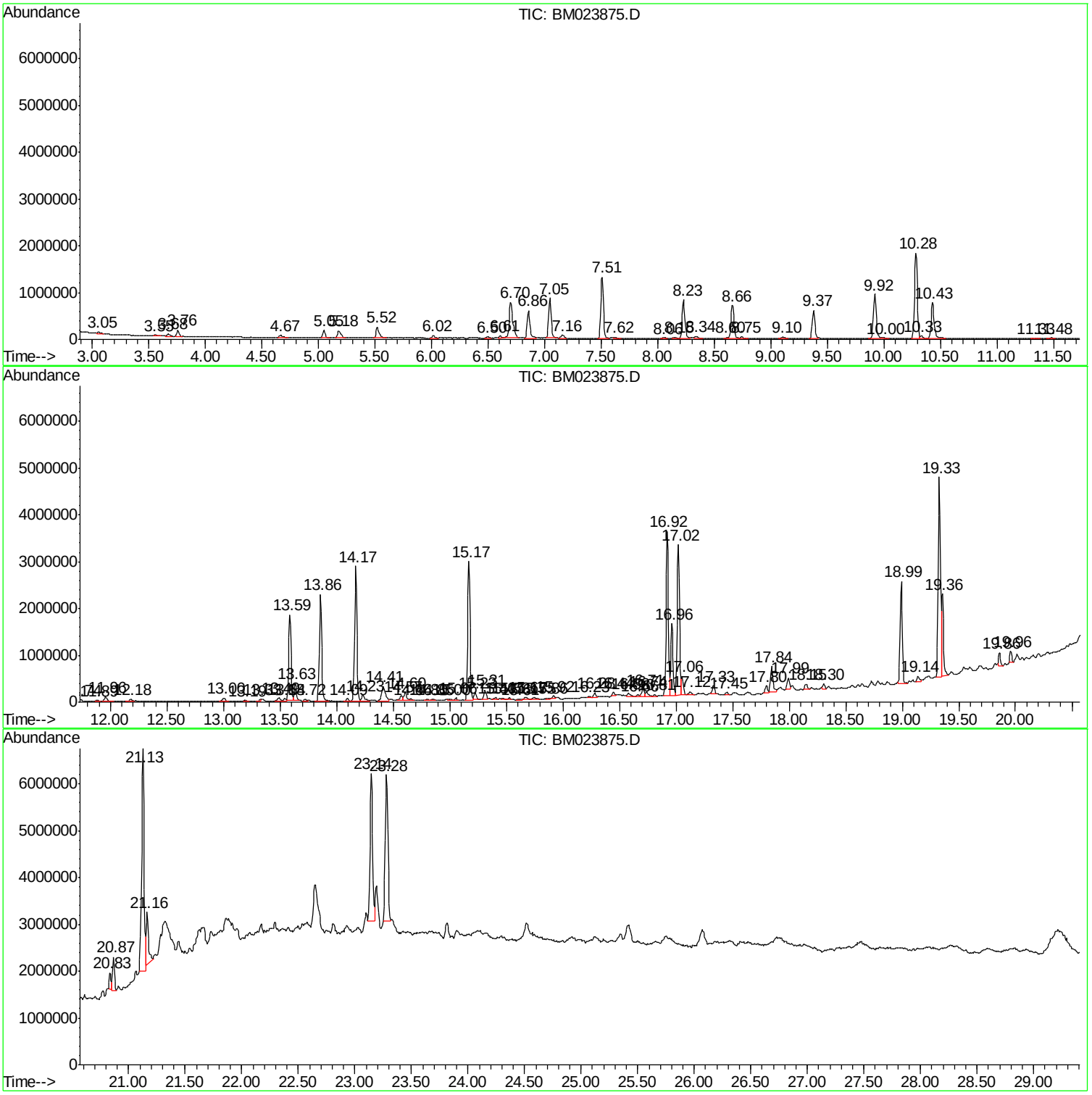
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023875.D
Acq On : 23 Nov 2019 02:10
Operator : JU
Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_M
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

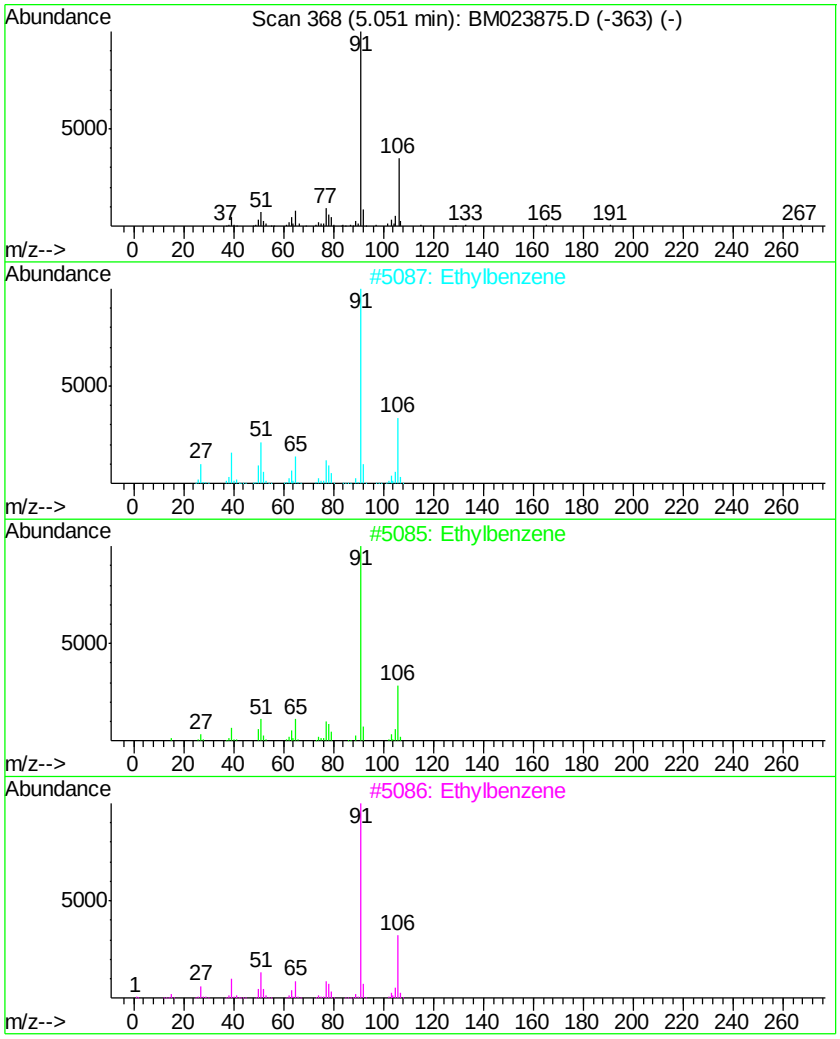
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

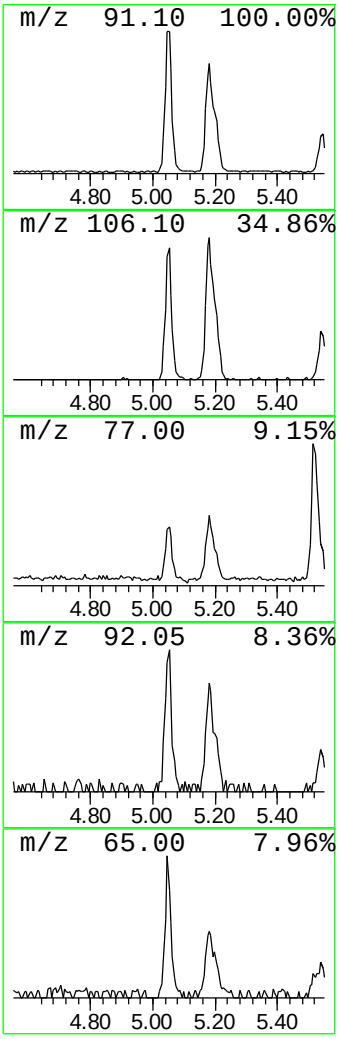
****

Peak Number 1 Ethylbenzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	2.30 ng/ul	239973	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	91
2	Ethylbenzene	106	C8H10	000100-41-4	90
3	Ethylbenzene	106	C8H10	000100-41-4	90
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
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Acq On : 23 Nov 2019 02:10
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

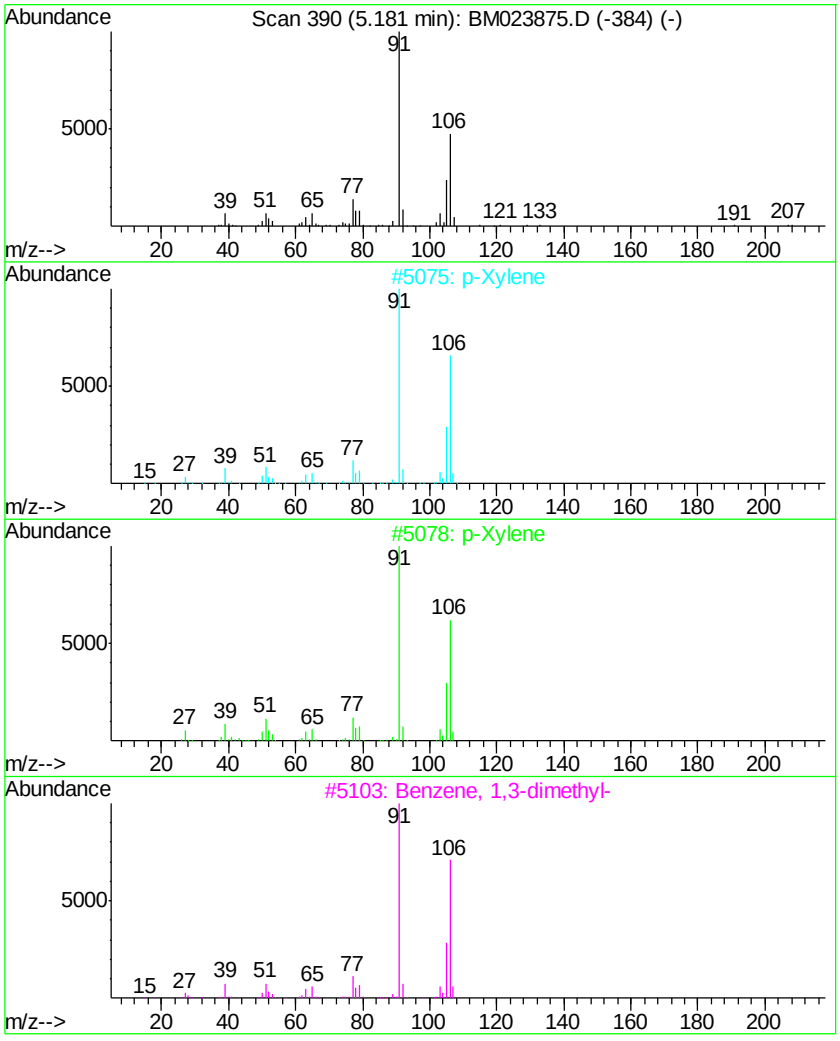
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

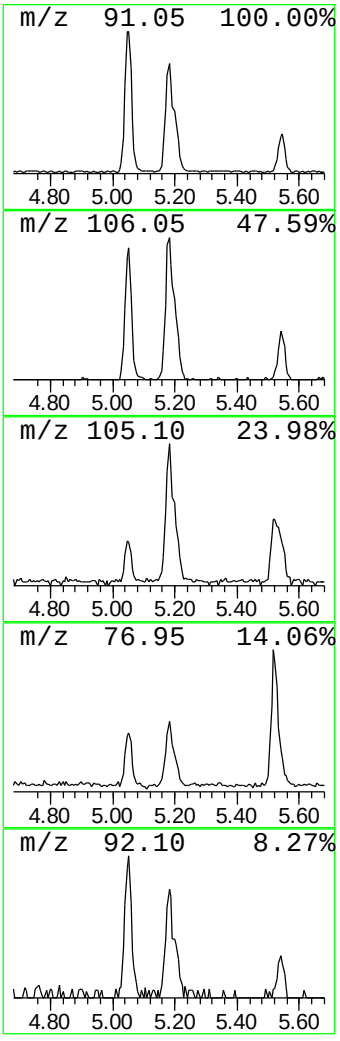
****

Peak Number 2 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.84 ng/ul	295678	1,4-Dichlorobenzene-d4	7.51

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





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Quant Title : SVOA CALIBRATION

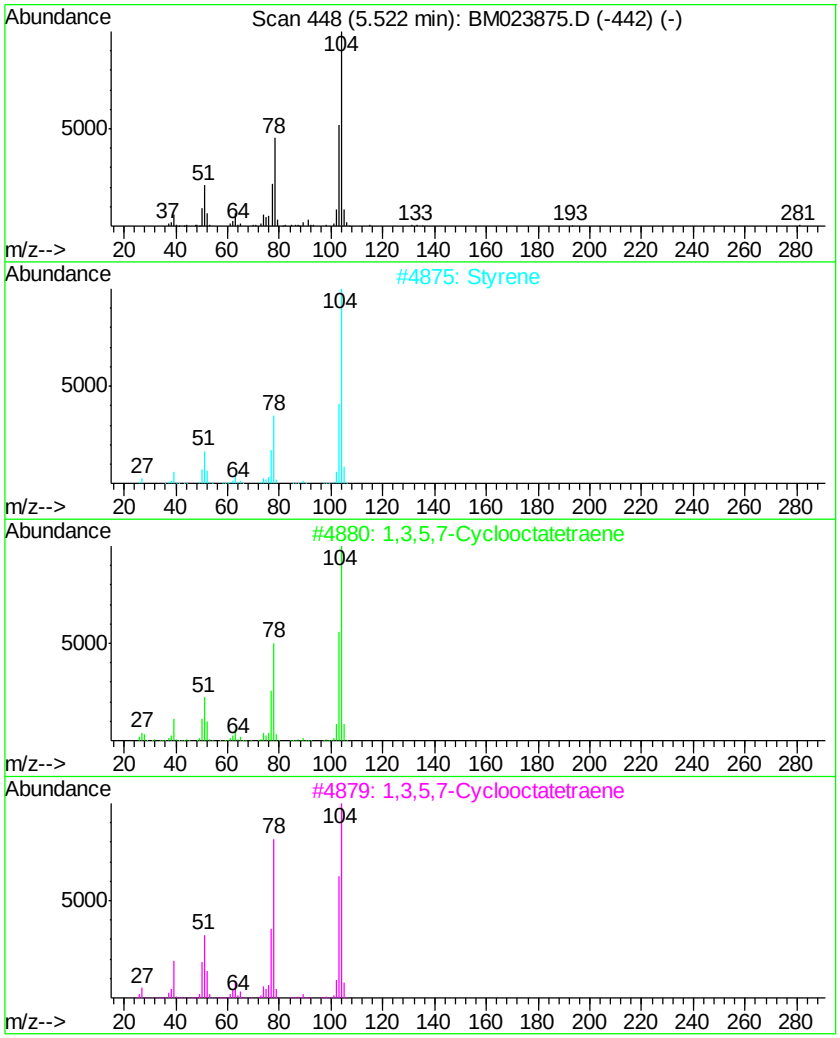
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

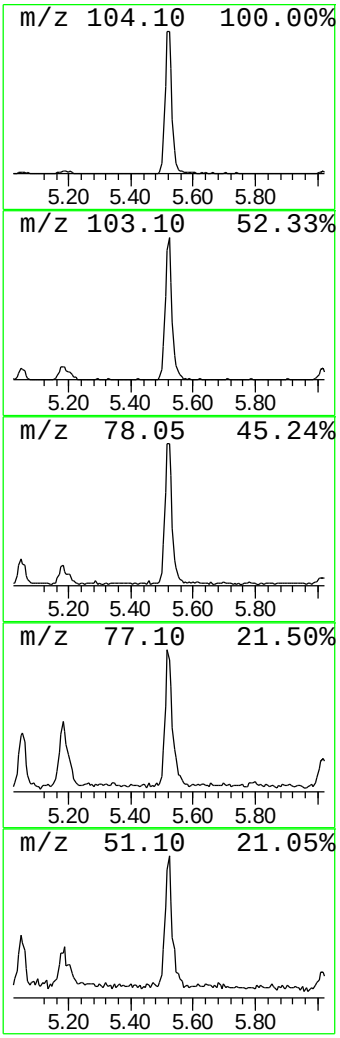
****

Peak Number 3 Styrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	4.27 ng/ul	444474	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	95
2	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4	Styrene	104	C8H8	000100-42-5	91
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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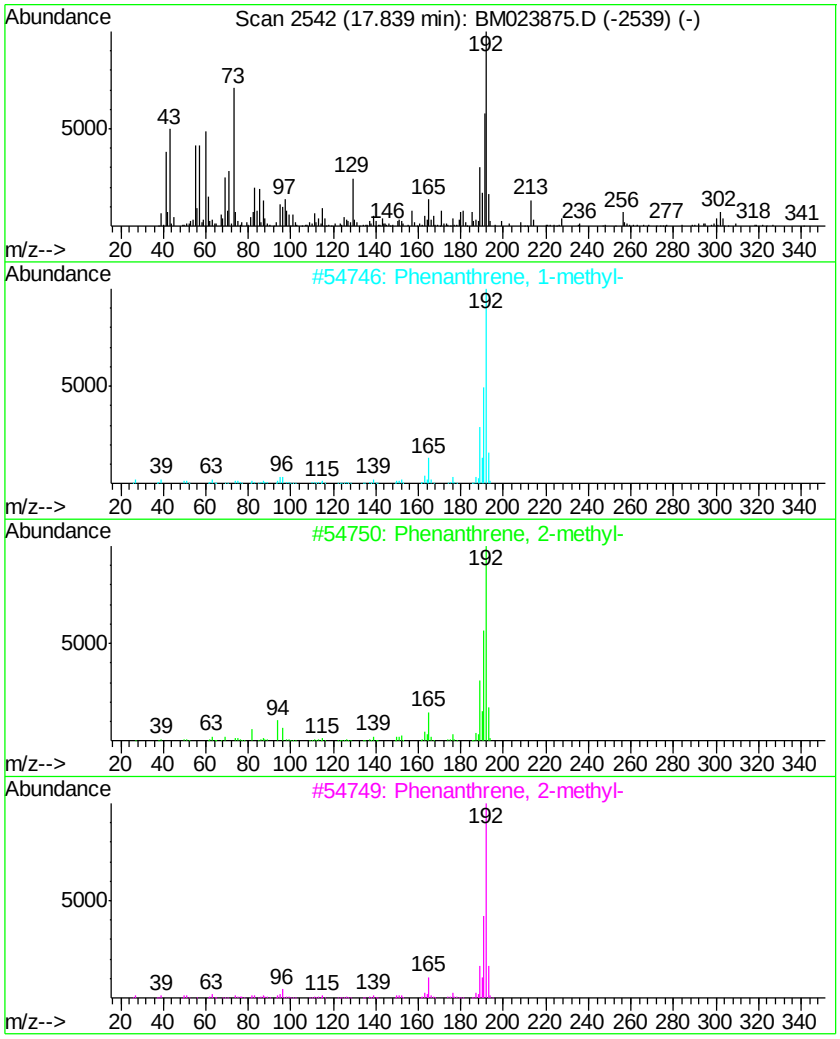
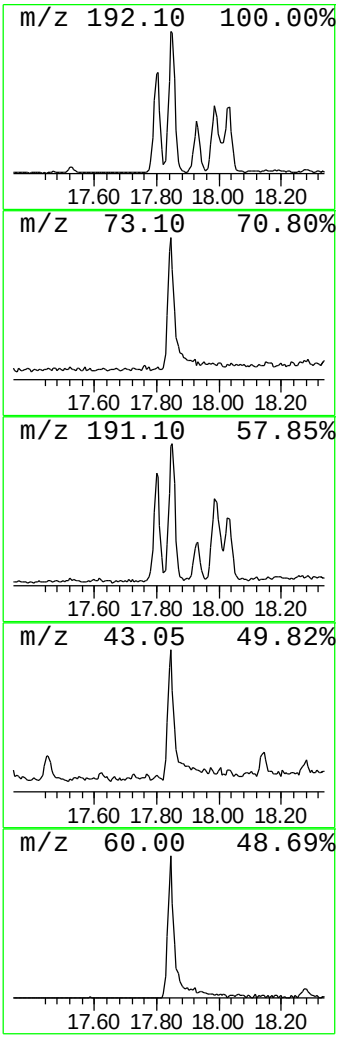
Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.34 ng/ul	818130	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
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Acq On : 23 Nov 2019 02:10
Operator : JU
Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

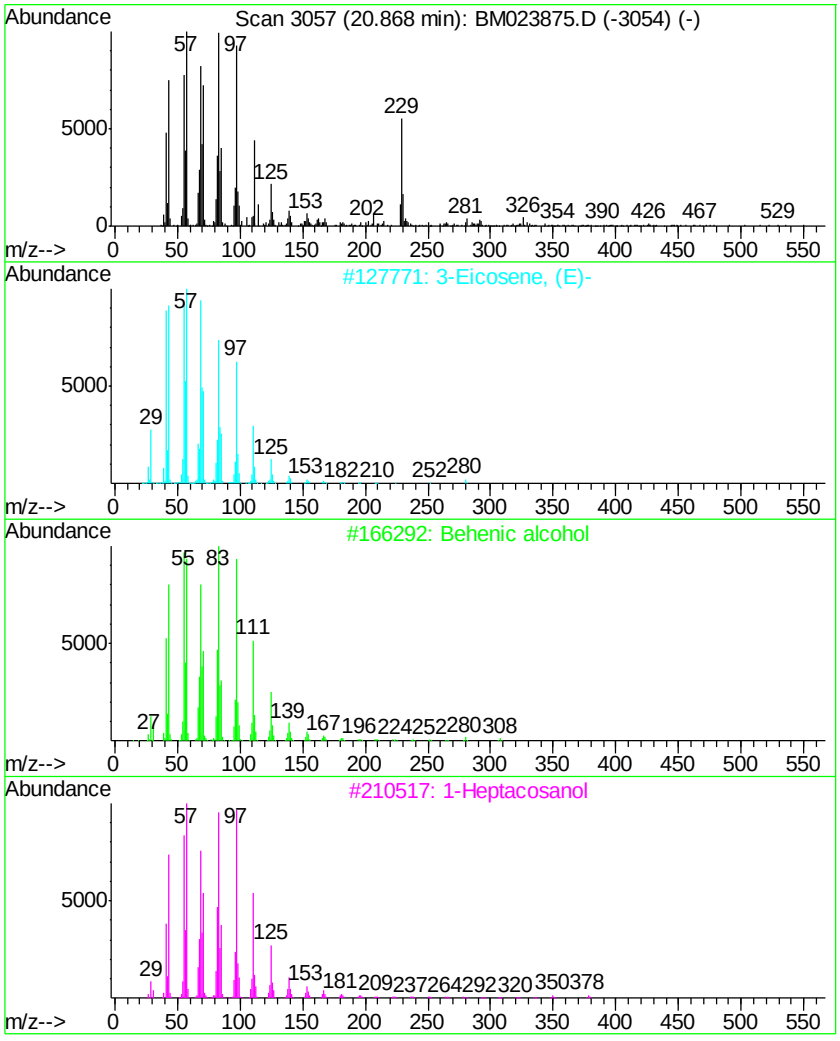
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

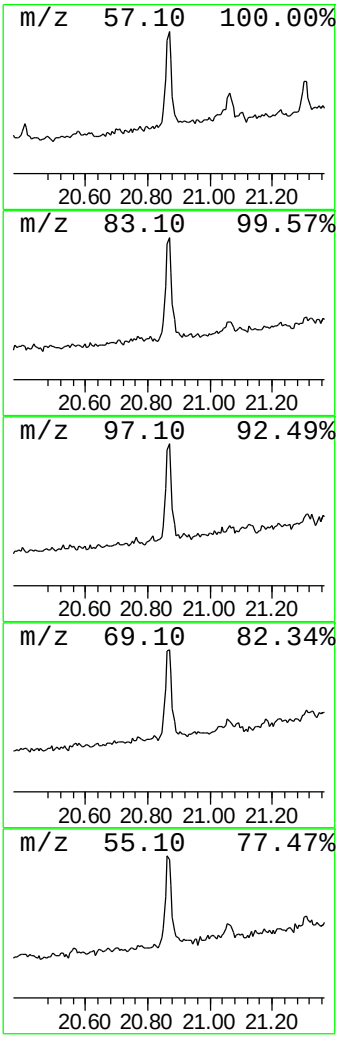
****

Peak Number 5 (DEL) Alkane: Cyclic20.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.38 ng/ul	872194	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	89
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87





Tentatively Identified Compound (LSC) summary

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Sample : K5854-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
Ethylbenzene	5.05	2.3	ng/ul	239973	1	7.51	2082670	20.0
p-Xylene	5.18	2.8	ng/ul	295678	1	7.51	2082670	20.0
Styrene	5.52	4.3	ng/ul	444474	1	7.51	2082670	20.0
Phenanthrene, 1-m...	17.84	3.3	ng/ul	818130	4	16.92	4902450	20.0
(DEL) Alkane: Cyc...	20.87	2.4	ng/ul	872194	5	21.13	7339040	20.0