LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

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\SFAM-EPA-BM013122.M
Title : SVOA CALIBRATION

Signal : TIC: BM033983.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.284	5	8	13	rVB	22783	28942	1.22%	0.095%
2	3.643	65	69	76	rVB	63093	83333	3.52%	0.273%
3	3.725	80	83	94	rBV	33319	57345	2.42%	0.188%
4	4.055	134	139	147	rVB	61676	89856	3.80%	0.294%
5	4.419	198	201	207	rVB6	7112	12566	0.53%	0.041%
6	5.002	293	300	304	rBV2	14956	24874	1.05%	0.081%
7	5.043	304	307	312	rVB4	5248	5921	0.25%	0.019%
8	5.254	340	343	348	rBV6	4545	6759	0.29%	0.022%
9	5.343	350	358	362	rVV9	6826	16867	0.71%	0.055%
10	5.407	363	369	375	rVV	65601	97924	4.14%	0.321%
11	5.484	379	382	386	rVV5	4820	7337	0.31%	0.024%
12	5.543	386	392	410	rVB	215051	432864	18.29%	1.418%
13	5.919	450	456	463	rVB	109019	173525	7.33%	0.569%
14	6.001	466	470	474	rVB5	3829	5326	0.23%	0.017%
15	6.407	535	539	545	rVB6	5294	8579	0.36%	0.028%
16	6.737	589	595	599	rBV4	6535	10279	0.43%	0.034%
17	7.007	637	641	646	rVB3	9757	13424	0.57%	0.044%
18	7.078	646	653	669	rBV	454382	765754	32.36%	2.509%
19	7.248	675	682	689	rBV	342535	540810	22.85%	1.772%
20	7.448	706	716	726	rBV	446471	716367	30.27%	2.347%
21	7.572	729	737	746	rVB3	15931	46107	1.95%	0.151%
22	7.925	790	797	804	rVV	453070	725916	30.68%	2.378%
23	7.984	805	807	812	rVB4	5832	9447	0.40%	0.031%
24	8.043	812	817	821	rBV5	5143	8373	0.35%	0.027%
25	8.478	886	891	896	rBV8	3671	6129	0.26%	0.020%
26	8.631	910	917	926	rVV	558727	899271	38.00%	2.946%
27	8.748	933	937	943	rVB	13085	21841	0.92%	0.072%
28	9.084	987	994	1001	rVV	443397	727143	30.73%	2.382%
29	9.172	1005	1009	1013	rVB4	5424	8365	0.35%	0.027%
30	9.254	1019	1023	1029	rBV5	5394	10159	0.43%	0.033%
31	9.531	1061	1070	1076	rBV	24546	39849	1.68%	0.131%
32	9.807	1111	1117	1126	rBV	370332	616842	26.07%	2.021%
33	10.207	1180	1185	1190	rBV5	6959	14557	0.62%	0.048%
34	10.260	1192	1194	1199	rVB6	4598	5704	0.24%	0.019%
35	10.348	1202	1209	1221	rBV	581526	976471	41.26%	3.199%
36	10.513	1233	1237	1245	rVB2	17179	30680	1.30%	0.101%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

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\SFAM-EPA-BM013122.M
Title : SVOA CALIBRATION

37	10.660	1257	1262	1267	rBV8	4080	7850	0.33%	0.026%
38	10.736	1267	1275	1283	rVB	665431	1140958	48.22%	3.738%
39	10.866	1287	1297	1310	rBV	349335	626793	26.49%	2.054%
40	11.213	1352	1356	1362	rBV5	9326	16723	0.71%	0.055%
41	11.360	1376	1381	1386	rBV7	5256	9435	0.40%	0.031%
42	11.436	1388	1394	1399	rVV2	8650	14862	0.63%	0.049%
43	11.501	1399	1405	1415	rBV	30081	62651	2.65%	0.205%
44	11.642	1422	1429	1437	rBV	58013	110468	4.67%	0.362%
45	11.760	1447	1449	1458	rVB9	4104	8331	0.35%	0.027%
46	12.160	1513	1517	1522	rBV4	10222	14810	0.63%	0.049%
47	12.325	1537	1545	1549	rBV3	10353	17932	0.76%	0.059%
48	12.495	1569	1574	1575	rBV4	4361	5220	0.22%	0.017%
49	12.513	1575	1577	1580	rVV4	4637	5741	0.24%	0.019%
50	12.978	1650	1656	1657	rBV3	8075	11627	0.49%	0.038%
51	13.395	1722	1727	1734	rVB2	27903	37911	1.60%	0.124%
52	13.842	1799	1803	1807	rBV4	5046	5911	0.25%	0.019%
53	13.972	1818	1825	1832	rBV	1104015	1556177	65.76%	5.099%
54	14.095	1841	1846	1852	rVB6	6356	12337	0.52%	0.040%
55	14.213	1861	1866	1867	rBV4	13962	17975	0.76%	0.059%
56	14.254	1867	1873	1882	rVB	1239018	1760156	74.38%	5.767%
57	14.466	1905	1909	1915	rVV2	22725	32443	1.37%	0.106%
58	14.560	1918	1925	1935	rVV	1163367	1660654	70.18%	5.441%
59	14.748	1948	1957	1974	rBV	346156	642333	27.14%	2.104%
60	14.913	1980	1985	1988	rVB7	3441	7567	0.32%	0.025%
61	14.972	1990	1995	2002	rVB8	8152	14725	0.62%	0.048%
62	15.148	2019	2025	2028	rBV7	4831	6513	0.28%	0.021%
63	15.195	2028	2033	2038	rVB	9493	14046	0.59%	0.046%
64	15.371	2057	2063	2066	rBV2	10744	18631	0.79%	0.061%
65	15.413	2066	2070	2075	rVB2	13601	18860	0.80%	0.062%
66	15.548	2084	2093	2105	rBV	1579190	2244767	94.86%	7.355%
67	15.660	2107	2112	2120	rBV	490036	639551	27.03%	2.095%
68	15.789	2130	2134	2142	rVB6	10746	21065	0.89%	0.069%
69	15.966	2159	2164	2168	rBV7	8107	12083	0.51%	0.040%
70	16.236	2205	2210	2214	rBV	105081	151133	6.39%	0.495%
71	16.442	2242	2245	2249	rVB4	8981	10920	0.46%	0.036%
72	16.542	2259	2262	2265	rBV5	4638	4988	0.21%	0.016%
73	16.607	2269	2273	2275	rBV5	5933	8303	0.35%	0.027%
74	16.671	2282	2284	2286	rBV3	4881	5030	0.21%	0.016%
75	16.701	2286	2289	2293	rVB6	6318	8820	0.37%	0.029%
76	16.771	2298	2301	2304	rVV4	5326	7771	0.33%	0.025%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

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\SFAM-EPA-BM013122.M
Title : SVOA CALIBRATION

77	16.807	2304	2307	2312	rVV6	6256	11228	0.47%	0.037%
78	17.018	2339	2343	2345	rBV5	5277	6109	0.26%	0.020%
79	17.060	2346	2350	2356	rVV3	16036	28784	1.22%	0.094%
80	17.113	2356	2359	2364	rVB6	9284	11862	0.50%	0.039%
81	17.165	2364	2368	2371	rBV4	5475	7415	0.31%	0.024%
82	17.218	2375	2377	2380	rVB4	7312	7551	0.32%	0.025%
83	17.295	2383	2390	2399	rBV	1364367	1912783	80.83%	6.267%
84	17.395	2399	2407	2418	rBV	1727458	2366374	100.00%	7.753%
85	17.601	2438	2442	2446	rBV7	4310	6644	0.28%	0.022%
86	17.971	2501	2505	2509	rVB4	13454	19657	0.83%	0.064%
87	18.071	2517	2522	2530	rBV10	7196	21620	0.91%	0.071%
88	18.189	2538	2542	2549	rBV	97962	152582	6.45%	0.500%
89	18.495	2590	2594	2601	rBV8	9850	17823	0.75%	0.058%
90	18.618	2612	2615	2620	rVB7	8545	11341	0.48%	0.037%
91	19.248	2718	2722	2726	rBV3	19173	27747	1.17%	0.091%
92	19.318	2731	2734	2738	rBV2	19647	32292	1.36%	0.106%
93	19.465	2755	2759	2766	rBV6	26772	50231	2.12%	0.165%
94	19.677	2790	2795	2800	rBV	1704482	2357012	99.60%	7.722%
95	19.724	2800	2803	2810	rVB2	45933	67886	2.87%	0.222%
96	21.171	3045	3049	3058	rVB	238750	336741	14.23%	1.103%
97	21.459	3093	3098	3109	rBV	1257802	1593409	67.34%	5.221%
98	22.712	3307	3311	3317	rVB	191774	272889	11.53%	0.894%
99	23.694	3472	3478	3484	rVB2	843808	1587109	67.07%	5.200%
100	23.847	3498	3504	3515	rVB2	688525	1395444	58.97%	4.572%

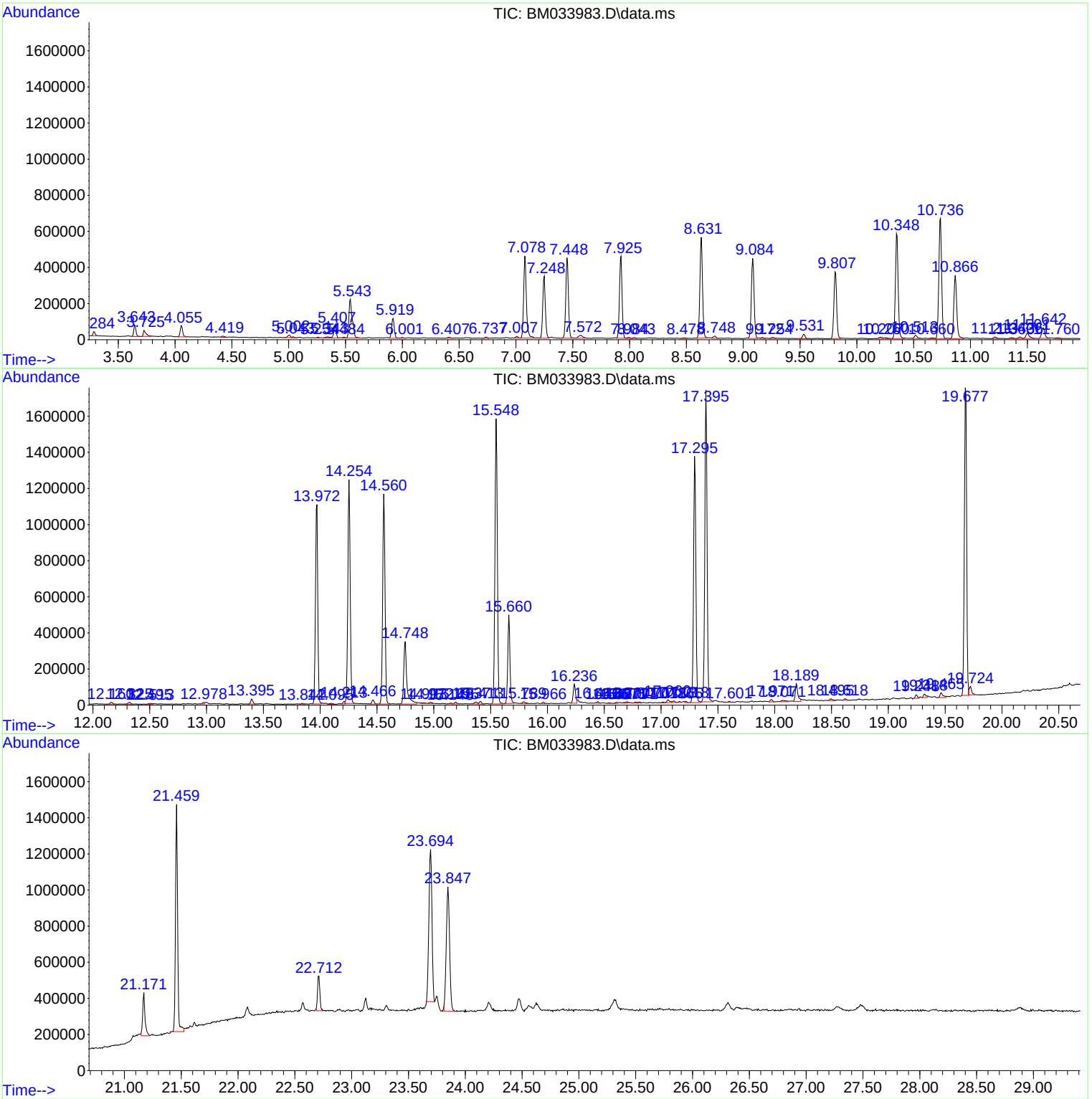
Sum of corrected areas: 30522110

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

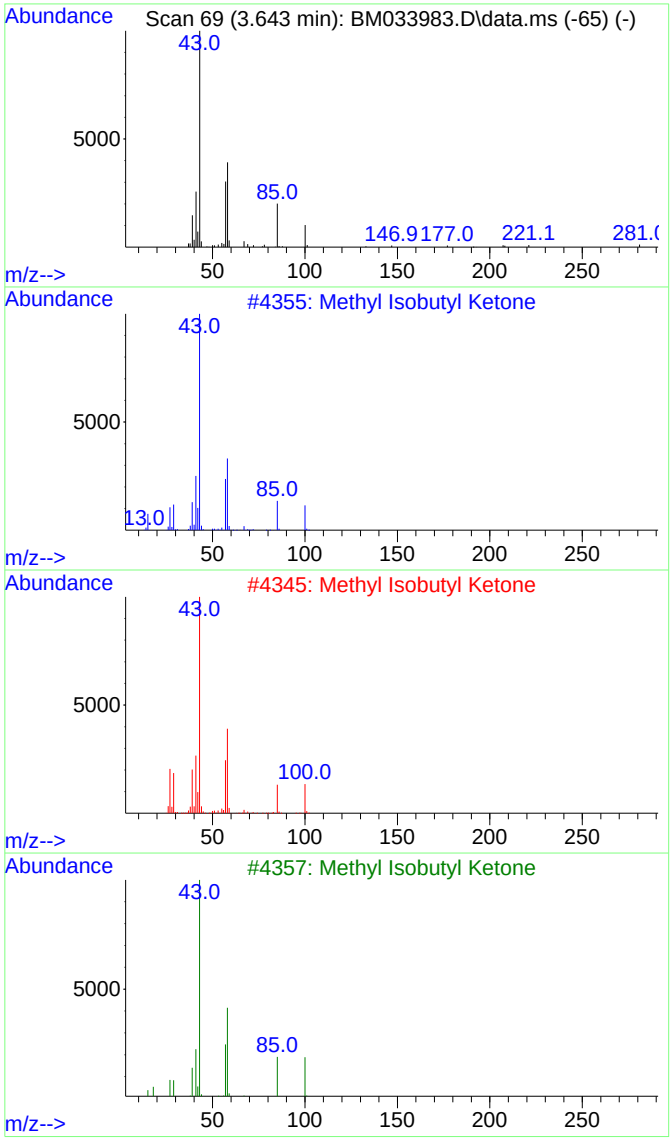
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

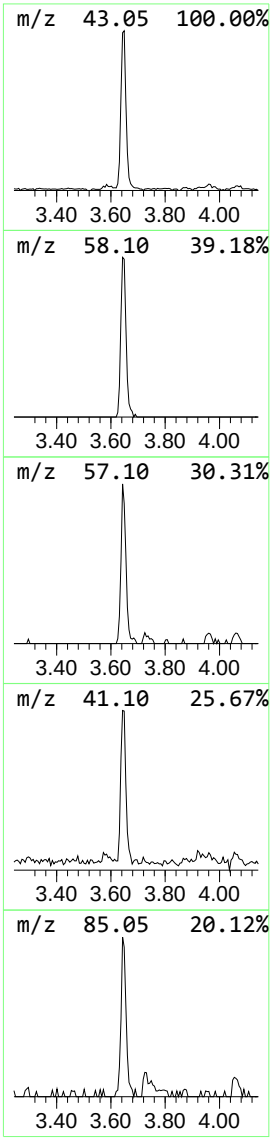
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.643	2.30 ng/ul	83333	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	78
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	72
5	2-Hexanone	100	C6H12O	000591-78-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

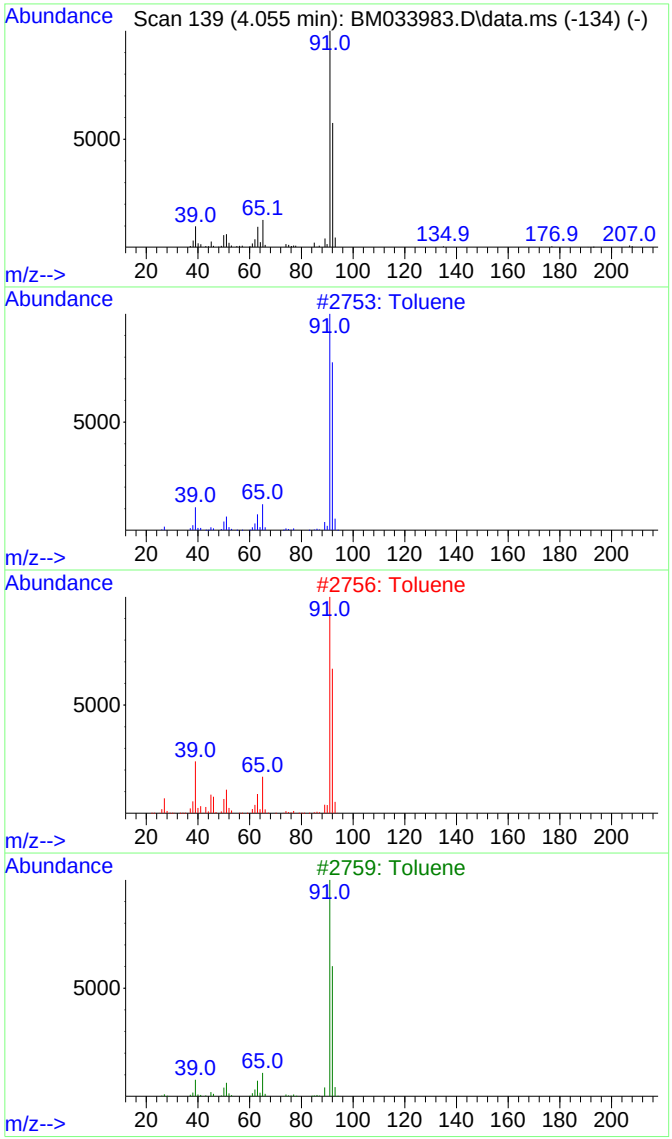
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

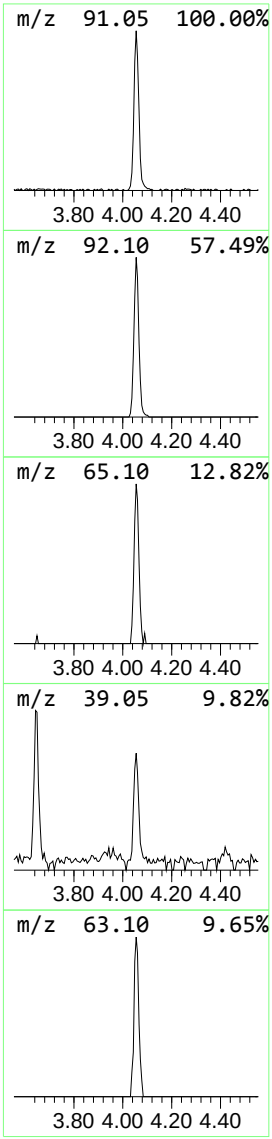
****

Peak Number 2 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.055	2.48 ng/ul	89856	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	90
3	Toluene	92	C7H8	000108-88-3	90
4	Toluene	92	C7H8	000108-88-3	87
5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

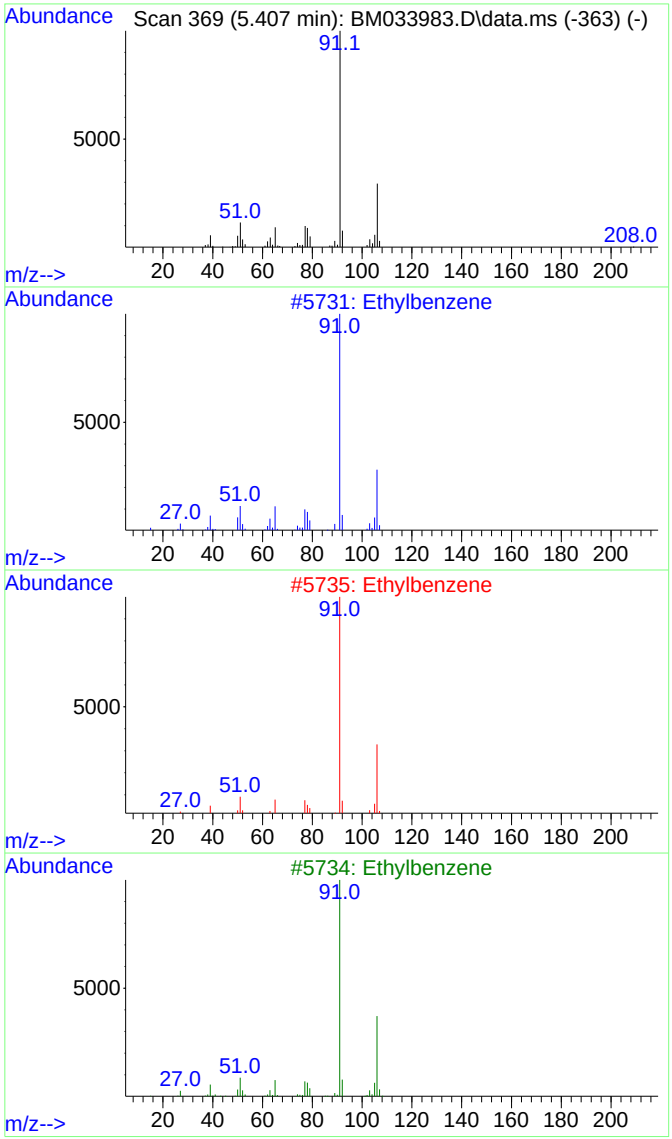
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

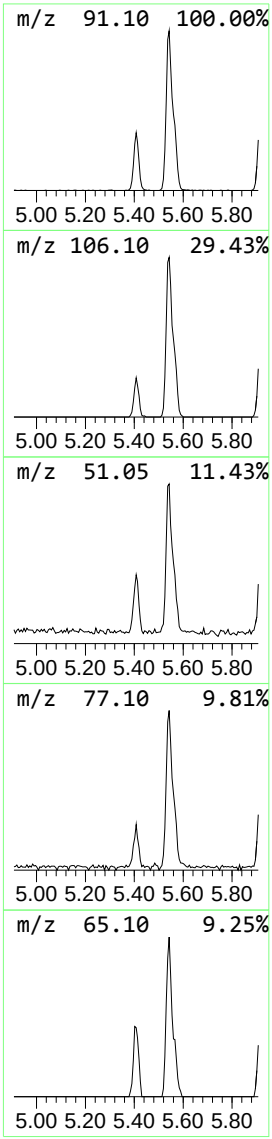
****

Peak Number 3 Ethylbenzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.407	2.70 ng/ul	97924	1,4-Dichlorobenzene-d4	7.925

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	94
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Ethylbenzene	106	C8H10	000100-41-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

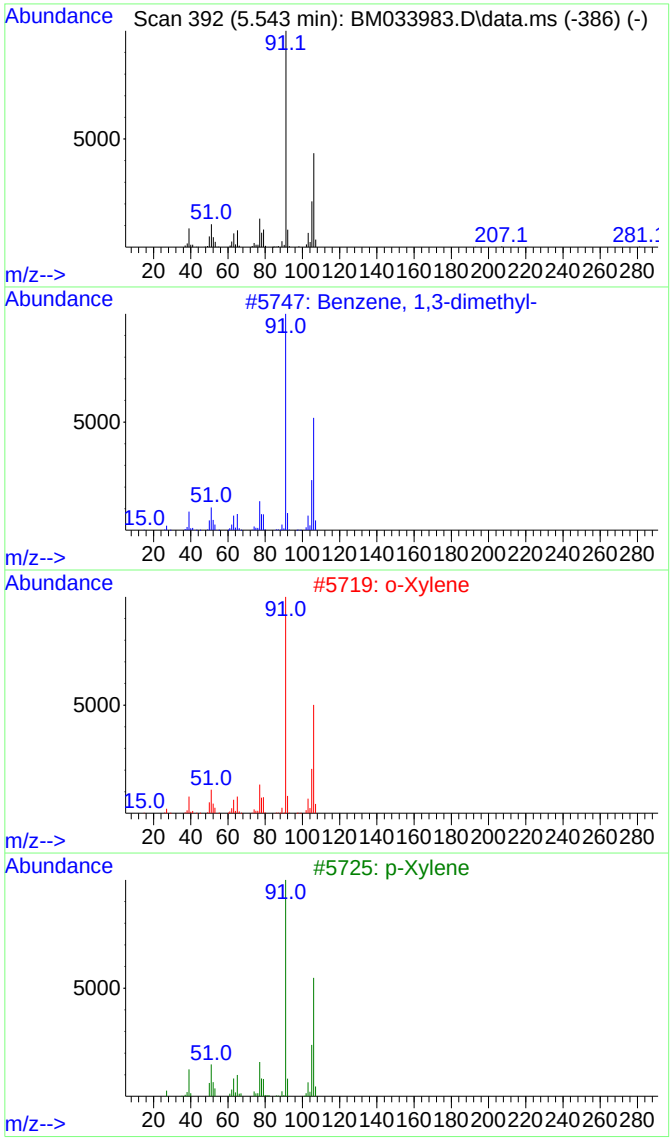
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

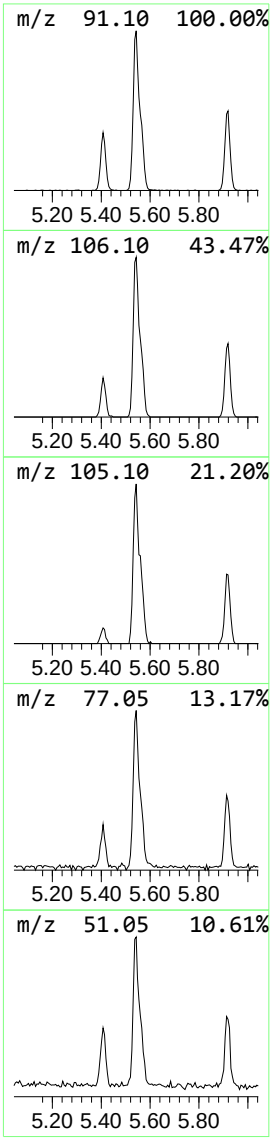
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.543	11.93 ng/ul	432864	1,4-Dichlorobenzene-d4	7.925

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

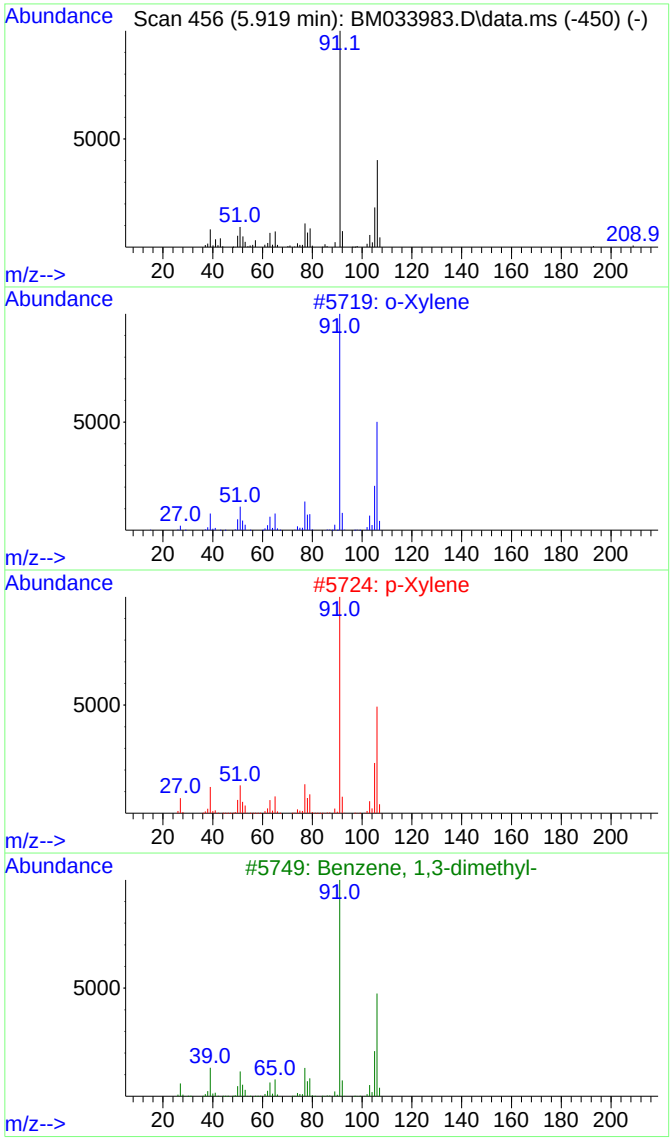
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

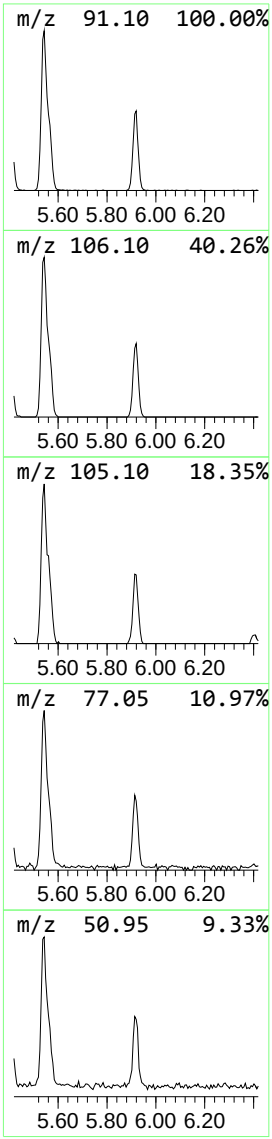
****

Peak Number 5 o-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.919	4.78 ng/ul	173525	1,4-Dichlorobenzene-d4	7.925

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

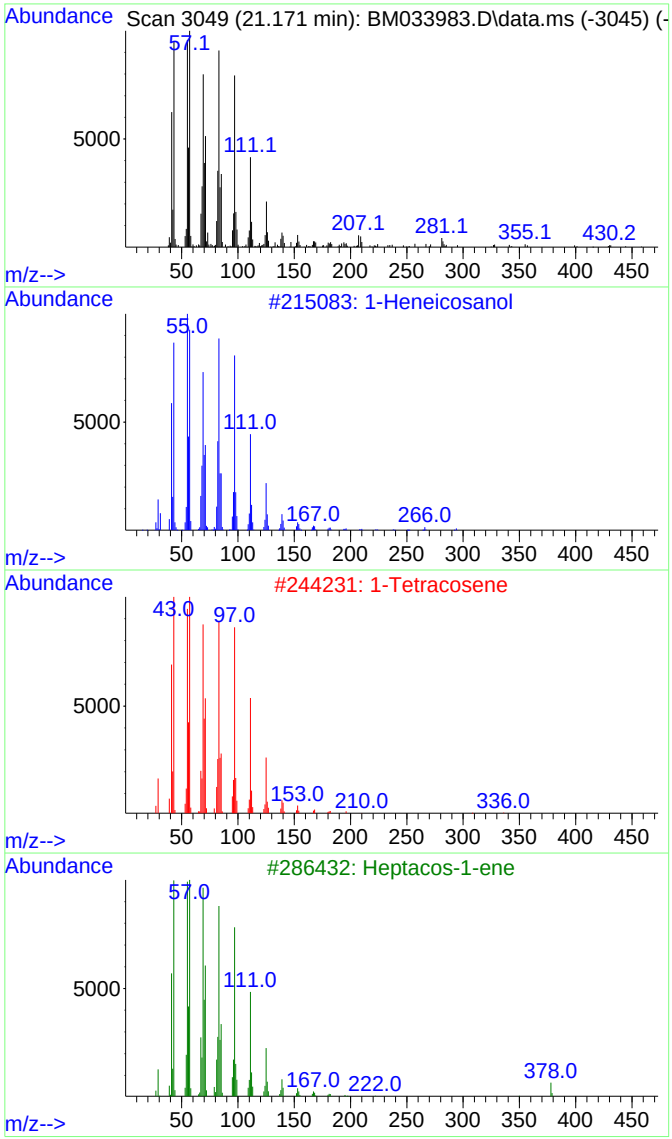
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

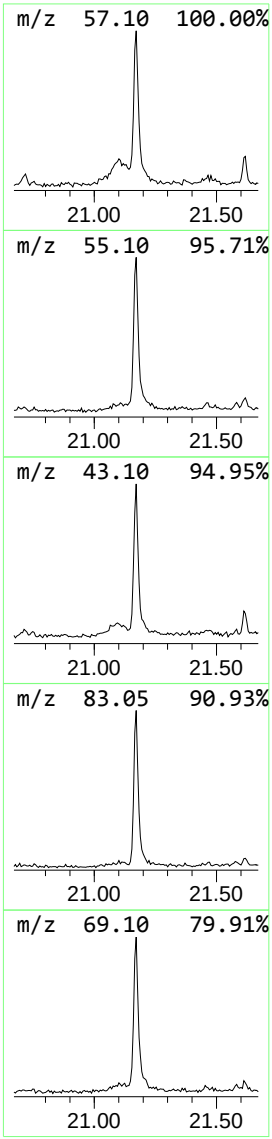
****

Peak Number 6 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.171	4.23 ng/ul	336741	Chrysene-d12	21.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Tetracosene	336	C24H48	010192-32-2	95
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

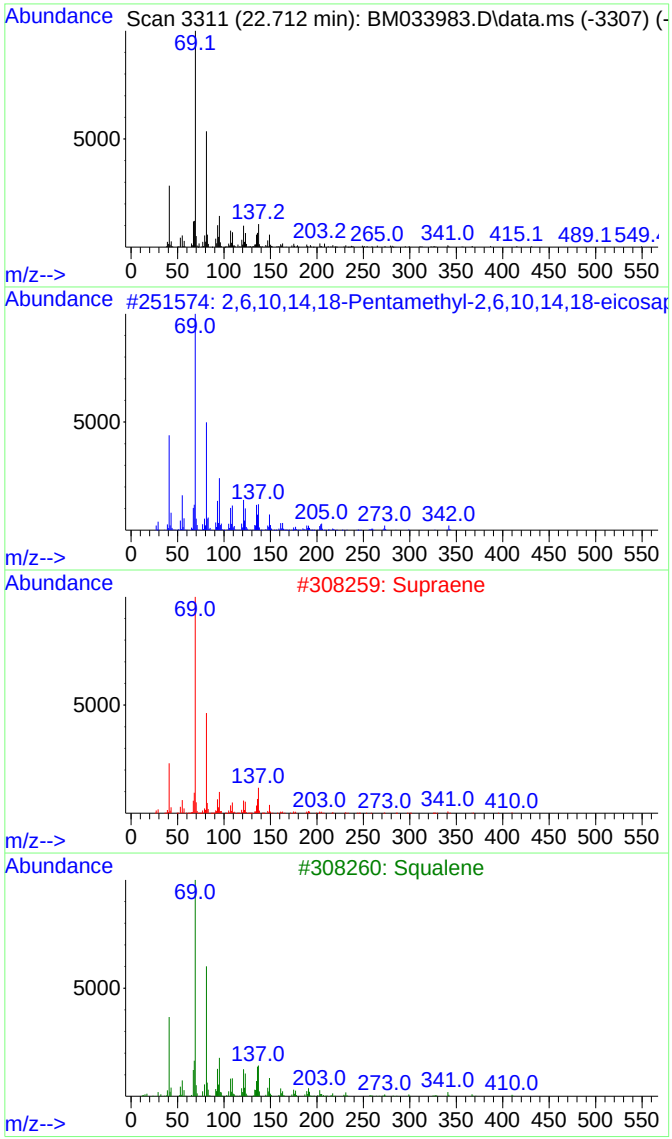
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

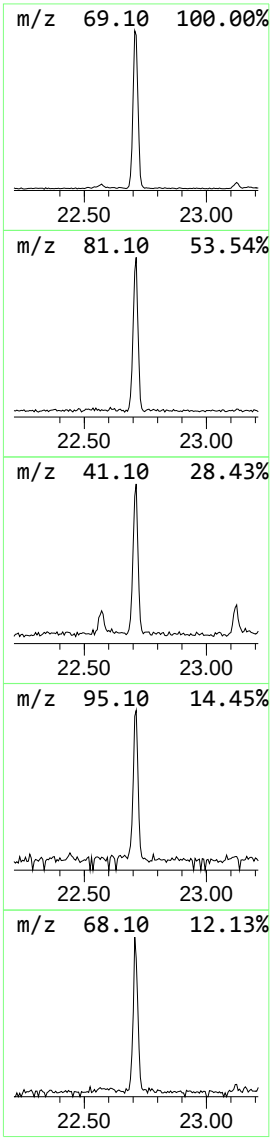
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.712	3.91 ng/ul	272889	Perylene-d12	23.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	93
2	Supraene	410	C30H50	007683-64-9	87
3	Squalene	410	C30H50	000111-02-4	86
4	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020122\
Data File : BM033983.D
Acq On : 02 Feb 2022 20:48
Operator : CG/JU
Sample : N1355-08
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0VF2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013122.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl...	3.643	2.3	ng/ul	83333	1	7.925	725916	20.0
Toluene	4.055	2.5	ng/ul	89856	1	7.925	725916	20.0
Ethylbenzene	5.407	2.7	ng/ul	97924	1	7.925	725916	20.0
Benzene, 1,3-di...	5.543	11.9	ng/ul	432864	1	7.925	725916	20.0
o-Xylene	5.919	4.8	ng/ul	173525	1	7.925	725916	20.0
1-Heneicosanol	21.171	4.2	ng/ul	336741	5	21.459	1593410	20.0
2,6,10,14,18-Pe...	22.712	3.9	ng/ul	272889	6	23.847	1395440	20.0