LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037747.D
Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BHB41

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-BM112322.M
Title : SVOA CALIBRATION

Signal : TIC: BM037747.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	5	8	11	rBV	43595	54754	0.72%	0.066%
2	3.469	11	14	24	rVB	57032	88435	1.17%	0.106%
3	3.875	80	83	98	rBV	240637	448754	5.92%	0.537%
4	4.110	119	123	131	rVB	32468	51967	0.69%	0.062%
5	4.210	137	140	146	rVB	27986	36064	0.48%	0.043%
6	6.087	454	459	465	rVB3	18464	31615	0.42%	0.038%
7	7.257	652	658	665	rVB	326683	501164	6.62%	0.600%
8	7.428	680	687	694	rBV	930037	1404672	18.55%	1.682%
9	7.634	715	722	730	rBV	926273	1416920	18.71%	1.697%
10	8.110	794	803	809	rBV	948072	1516995	20.03%	1.817%
11	8.169	809	813	818	rVV	43652	69073	0.91%	0.083%
12	8.486	860	867	873	rBV	131258	205583	2.71%	0.246%
13	8.651	889	895	902	rVB	91817	153672	2.03%	0.184%
14	8.816	916	923	931	rVV	815899	1289747	17.03%	1.545%
15	9.204	982	989	991	rBV5	11313	24929	0.33%	0.030%
16	9.280	995	1002	1015	rVV	1176476	1957753	25.85%	2.345%
17	9.475	1031	1035	1041	rVB	66804	105216	1.39%	0.126%
18	9.598	1047	1056	1062	rBV2	46420	100179	1.32%	0.120%
19	9.663	1062	1067	1078	rVV4	28517	73491	0.97%	0.088%
20	10.004	1118	1125	1139	rBV	904893	1480922	19.55%	1.774%
21	10.322	1170	1179	1188	rVB2	44007	87490	1.16%	0.105%
22	10.545	1209	1217	1227	rVB	1255057	2069766	27.33%	2.479%
23	10.698	1237	1243	1250	rVB4	16913	27911	0.37%	0.033%
24	10.927	1275	1282	1288	rBV	1361336	2337958	30.87%	2.800%
25	10.980	1288	1291	1298	rVB	207058	315435	4.16%	0.378%
26	11.063	1298	1305	1310	rBV	1151449	2026260	26.75%	2.427%
27	11.286	1336	1343	1348	rBV3	44828	80765	1.07%	0.097%
28	11.586	1390	1394	1400	rVB5	14434	25487	0.34%	0.031%
29	12.039	1465	1471	1479	rBV	72272	154374	2.04%	0.185%
30	12.304	1511	1516	1525	rVB2	52111	102756	1.36%	0.123%
31	12.474	1540	1545	1548	rBV	47988	81447	1.08%	0.098%
32	12.792	1590	1599	1607	rVB	390640	618270	8.16%	0.740%
33	13.574	1724	1732	1737	rBV2	148324	255530	3.37%	0.306%
34	13.710	1750	1755	1760	rBV7	16142	34657	0.46%	0.042%
35	13.763	1762	1764	1768	rVV3	17230	29164	0.39%	0.035%
36	13.910	1784	1789	1797	rVB5	24029	58168	0.77%	0.070%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BHB41

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-BM112322.M
Title : SVOA CALIBRATION

37	14.057	1808	1814	1821	rBV	95814	165230	2.18%	0.198%
38	14.139	1821	1828	1834	rBV	2706178	3579341	47.26%	4.287%
39	14.292	1850	1854	1857	rBV	29504	38232	0.50%	0.046%
40	14.321	1857	1859	1864	rVB2	29350	34917	0.46%	0.042%
41	14.427	1864	1877	1887	rBV	2830741	4249759	56.11%	5.089%
42	14.615	1903	1909	1912	rVB3	14460	24861	0.33%	0.030%
43	14.733	1918	1929	1935	rBV	2178560	3169185	41.84%	3.795%
44	14.798	1935	1940	1947	rVB	1194022	1705778	22.52%	2.043%
45	14.915	1954	1960	1966	rBV	355077	531686	7.02%	0.637%
46	15.039	1974	1981	1985	rBV	50880	71861	0.95%	0.086%
47	15.127	1990	1996	2004	rVB	885769	1255010	16.57%	1.503%
48	15.333	2027	2031	2037	rVB4	21583	37117	0.49%	0.044%
49	15.515	2050	2062	2065	rBV9	23699	68511	0.90%	0.082%
50	15.551	2065	2068	2074	rVB4	30430	47564	0.63%	0.057%
51	15.657	2080	2086	2091	rBV3	95890	179844	2.37%	0.215%
52	15.721	2091	2097	2102	rVV	3831761	5274405	69.64%	6.317%
53	15.774	2102	2106	2110	rVV	894777	1212065	16.00%	1.452%
54	15.827	2110	2115	2120	rVV	1289383	1694755	22.38%	2.030%
55	15.898	2124	2127	2130	rVV4	48618	70901	0.94%	0.085%
56	15.933	2130	2133	2139	rVB3	65807	95245	1.26%	0.114%
57	16.021	2145	2148	2151	rBV2	32016	35959	0.47%	0.043%
58	16.068	2151	2156	2163	rVB2	150118	246636	3.26%	0.295%
59	16.174	2168	2174	2176	rBV2	57999	88466	1.17%	0.106%
60	16.209	2176	2180	2189	rVB2	127619	256567	3.39%	0.307%
61	16.304	2189	2196	2202	rVB4	24579	49035	0.65%	0.059%
62	16.445	2212	2220	2226	rVB4	122394	244758	3.23%	0.293%
63	16.562	2235	2240	2245	rBV	40171	71301	0.94%	0.085%
64	16.627	2246	2251	2255	rBV	173608	249031	3.29%	0.298%
65	16.668	2255	2258	2264	rVB3	30707	45089	0.60%	0.054%
66	16.745	2267	2271	2274	rBV	58742	87337	1.15%	0.105%
67	16.851	2287	2289	2298	rVB10	16575	31657	0.42%	0.038%
68	16.927	2298	2302	2304	rBV3	34279	46952	0.62%	0.056%
69	16.956	2304	2307	2311	rVV2	33128	40796	0.54%	0.049%
70	16.998	2311	2314	2318	rVB3	26789	29486	0.39%	0.035%
71	17.086	2325	2329	2333	rBV4	21163	35252	0.47%	0.042%
72	17.121	2333	2335	2342	rVB7	23708	38714	0.51%	0.046%
73	17.209	2344	2350	2354	rBV8	29311	54572	0.72%	0.065%
74	17.286	2355	2363	2368	rBV2	191718	394944	5.21%	0.473%
75	17.345	2368	2373	2382	rVV	367444	603170	7.96%	0.722%
76	17.468	2388	2394	2398	rBV	2709091	3815265	50.37%	4.569%

LSC Area Percent Report

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Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB41

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Title : SVOA CALIBRATION

77	17.509	2398	2401	2406	rVV	1144278	1544188	20.39%	1.849%
78	17.568	2406	2411	2421	rVB2	4551302	6258143	82.63%	7.495%
79	17.645	2422	2424	2428	rVB4	22144	28541	0.38%	0.034%
80	17.868	2453	2462	2468	rVB	273751	399559	5.28%	0.479%
81	18.221	2518	2522	2527	rBV7	28194	42871	0.57%	0.051%
82	18.345	2538	2543	2547	rBV	359365	486283	6.42%	0.582%
83	18.386	2547	2550	2555	rVB2	68572	105773	1.40%	0.127%
84	18.539	2571	2576	2587	rVB	174907	283184	3.74%	0.339%
85	18.639	2590	2593	2596	rBV3	22048	25726	0.34%	0.031%
86	18.680	2598	2600	2604	rBV3	23989	30934	0.41%	0.037%
87	18.768	2611	2615	2620	rVB3	117697	140780	1.86%	0.169%
88	18.839	2624	2627	2630	rVB2	31043	36161	0.48%	0.043%
89	19.415	2722	2725	2730	rVB2	60907	76991	1.02%	0.092%
90	19.515	2734	2742	2747	rVB	461588	700211	9.25%	0.839%
91	19.609	2755	2758	2763	rBV3	137614	158530	2.09%	0.190%
92	19.750	2779	2782	2788	rVB2	96961	135111	1.78%	0.162%
93	19.850	2793	2799	2812	rBV	5531863	7573911	100.00%	9.070%
94	20.250	2865	2867	2871	rVB	55545	58016	0.77%	0.069%
95	20.821	2962	2964	2967	rVB	67643	53892	0.71%	0.065%
96	21.321	3045	3049	3054	rBV	498583	618840	8.17%	0.741%
97	21.633	3097	3102	3108	rBV	3485278	4379102	57.82%	5.244%
98	22.909	3316	3319	3325	rVB	313292	407238	5.38%	0.488%
99	23.962	3491	3498	3508	rVB2	3224915	6814013	89.97%	8.160%
100	24.127	3519	3526	3536	rVB2	1886745	3854186	50.89%	4.616%

Sum of corrected areas: 83500781

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ALS Vial : 59 Sample Multiplier: 1

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ClientSampleId :
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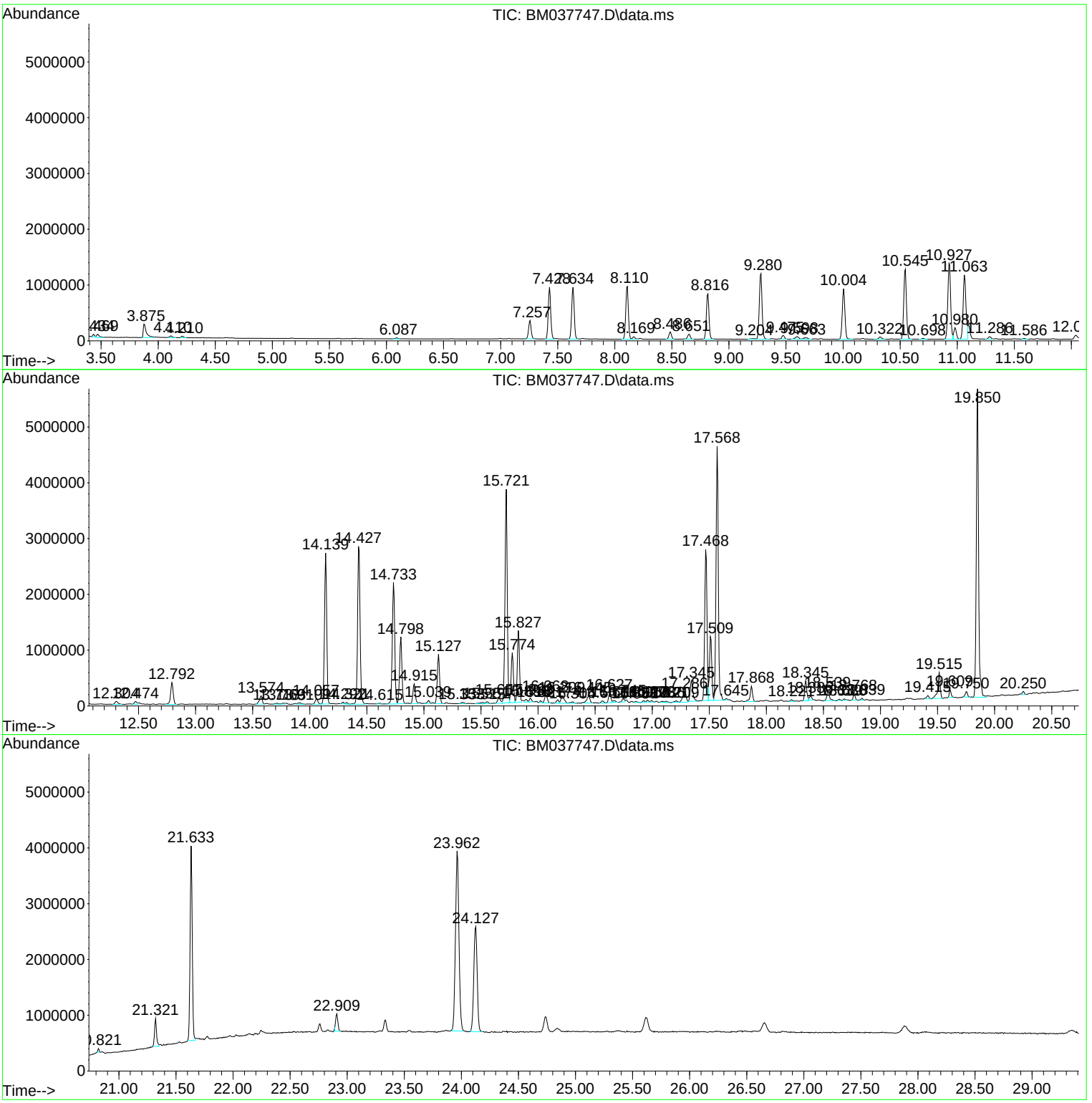
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037747.D
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Instrument :
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ClientSampleId :
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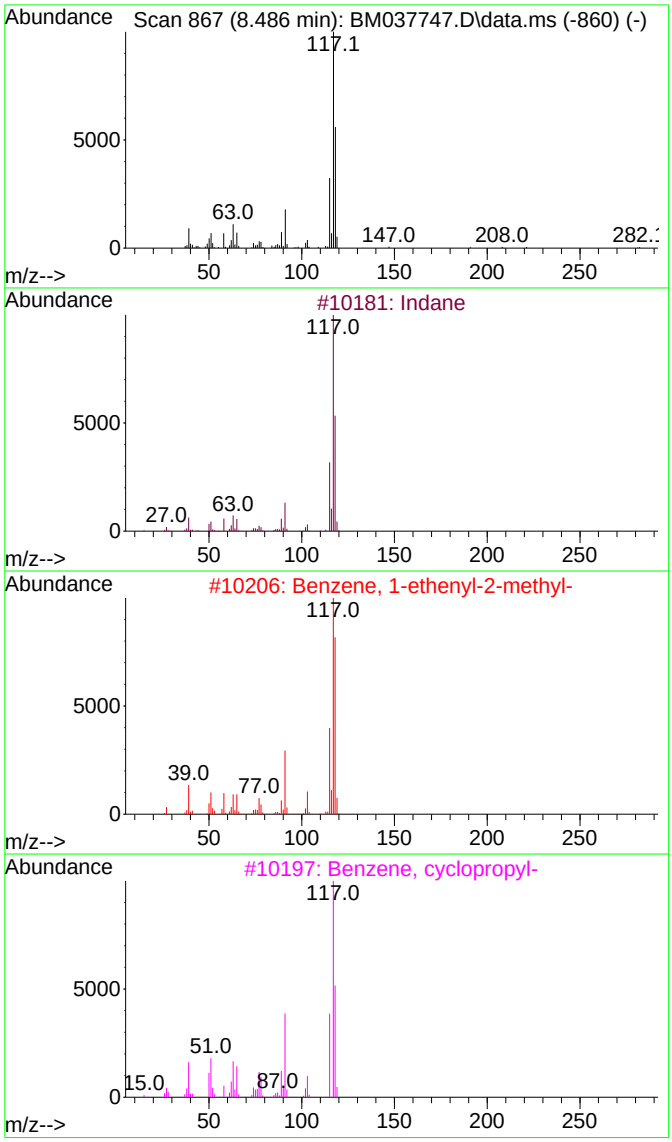
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

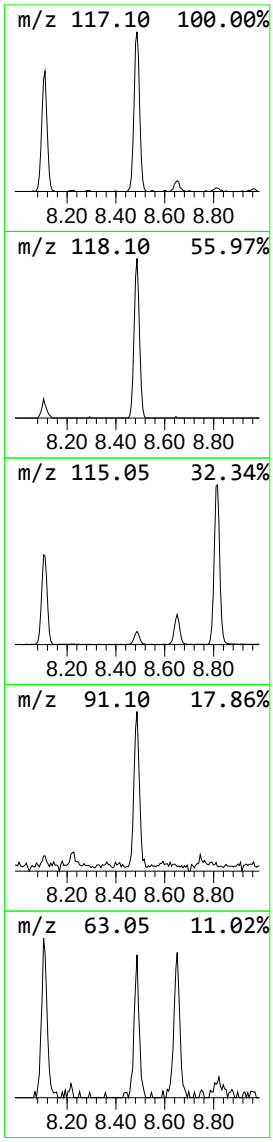
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.486	2.71 ng/ul	205583	1,4-Dichlorobenzene-d4	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	78
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037747.D
Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB41

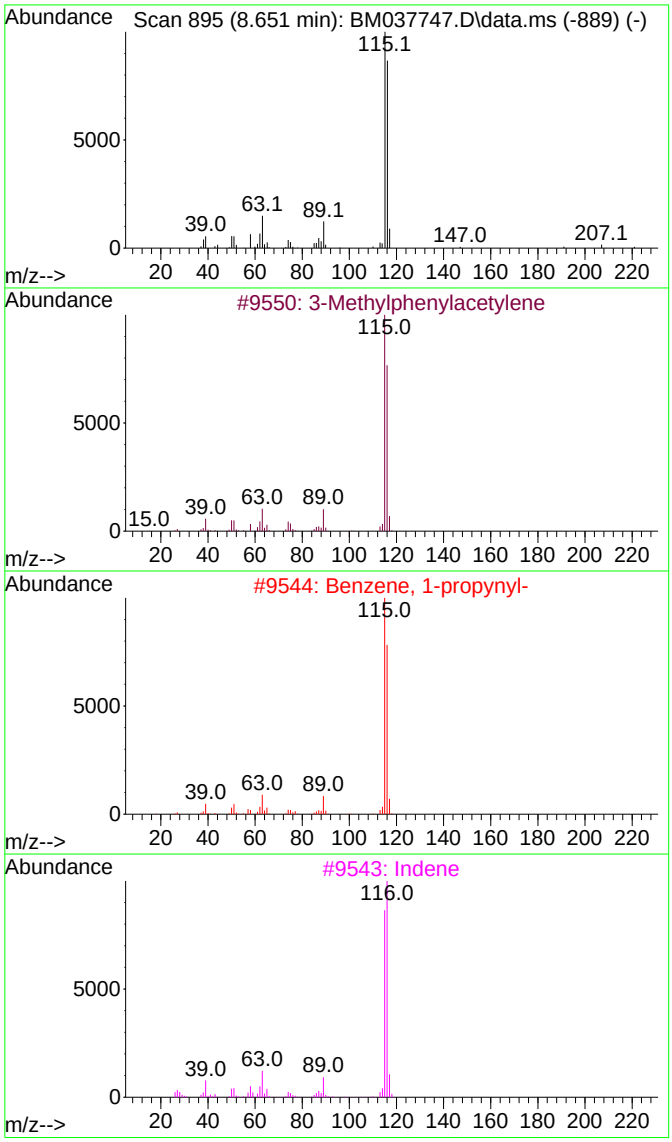
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

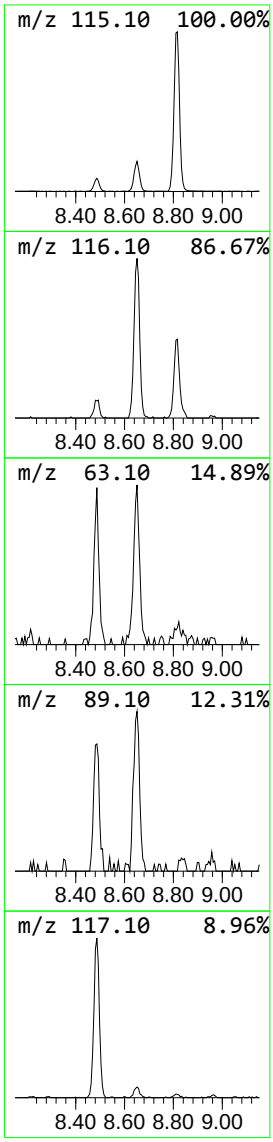
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Methylphenylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	2.03 ng/ul	153672	1,4-Dichlorobenzene-d4	8.110

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Indene	116	C9H8	000095-13-6	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Acq On : 26 Nov 2022 23:36
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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

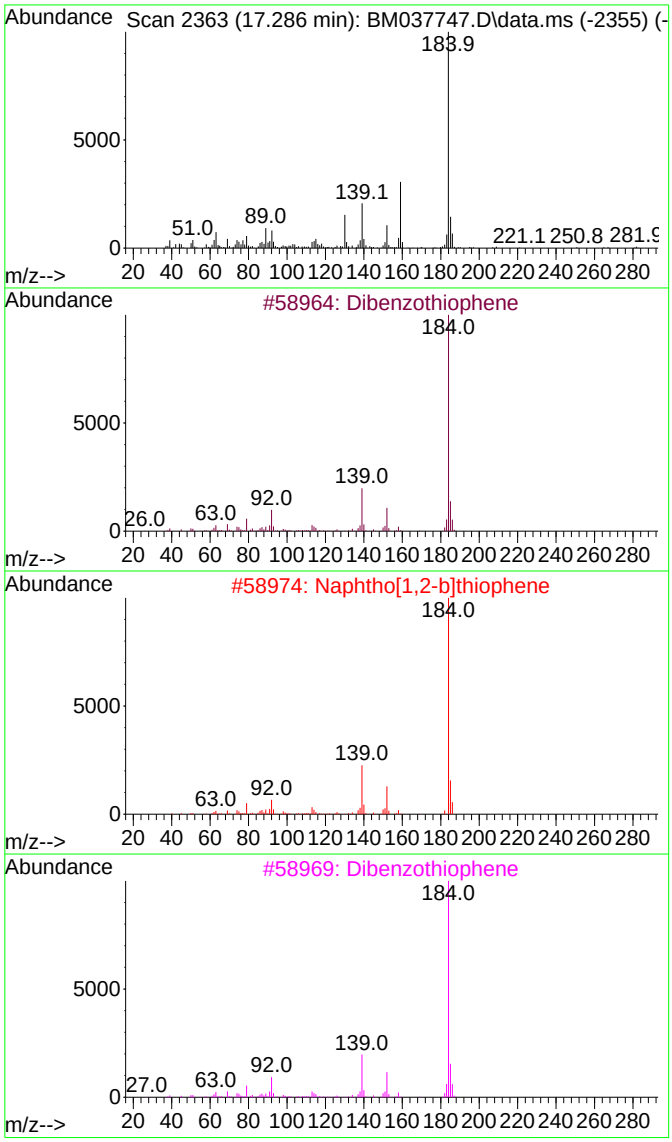
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

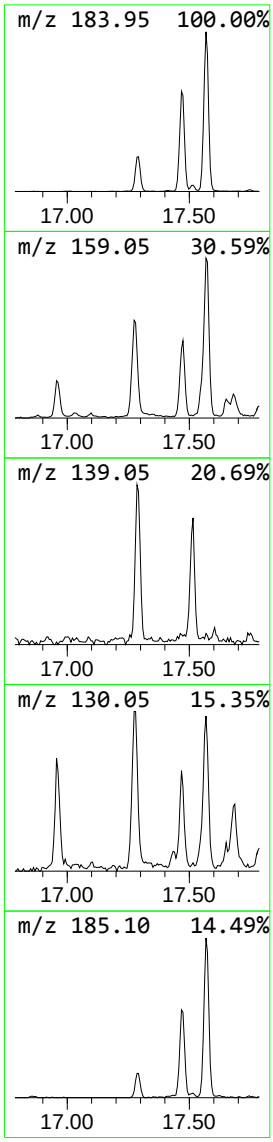
****

Peak Number 3 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.286	2.07 ng/ul	394944	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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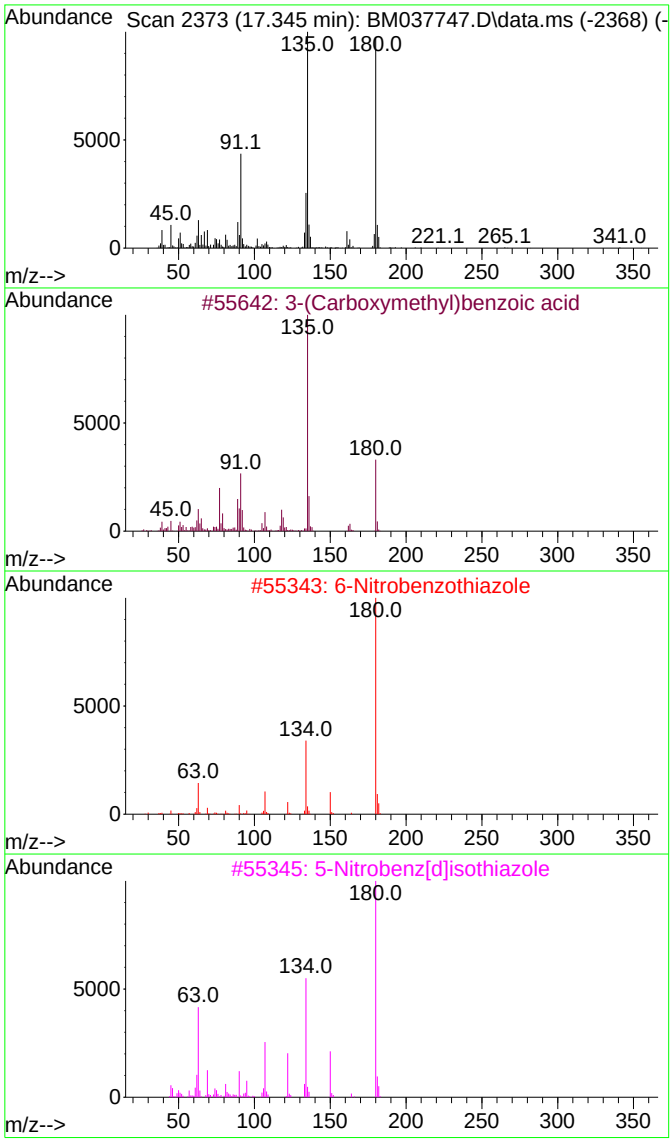
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

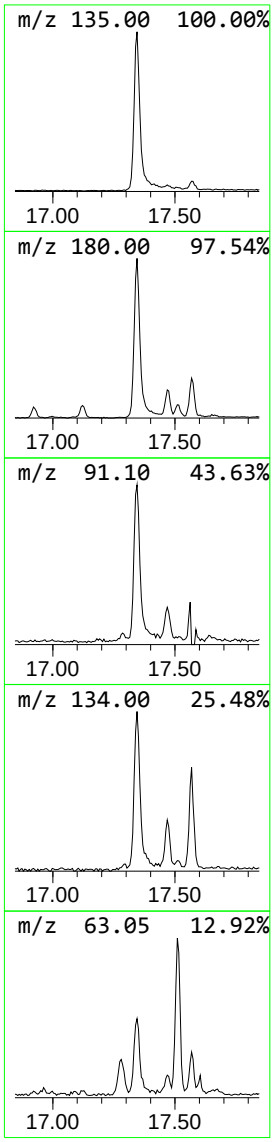
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3-(Carboxymethyl)benzoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.345	3.16 ng/ul	603170	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(Carboxymethyl)benzoic acid	180	C9H8O4	1000481-02-3	53
2	6-Nitrobenzothiazole	180	C7H4N2O2S	002942-06-5	43
3	5-Nitrobenz[d]isothiazole	180	C7H4N2O2S	060768-66-3	38
4	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	30
5	Benzothiazole	135	C7H5NS	000095-16-9	30





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Data File : BM037747.D
Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB41

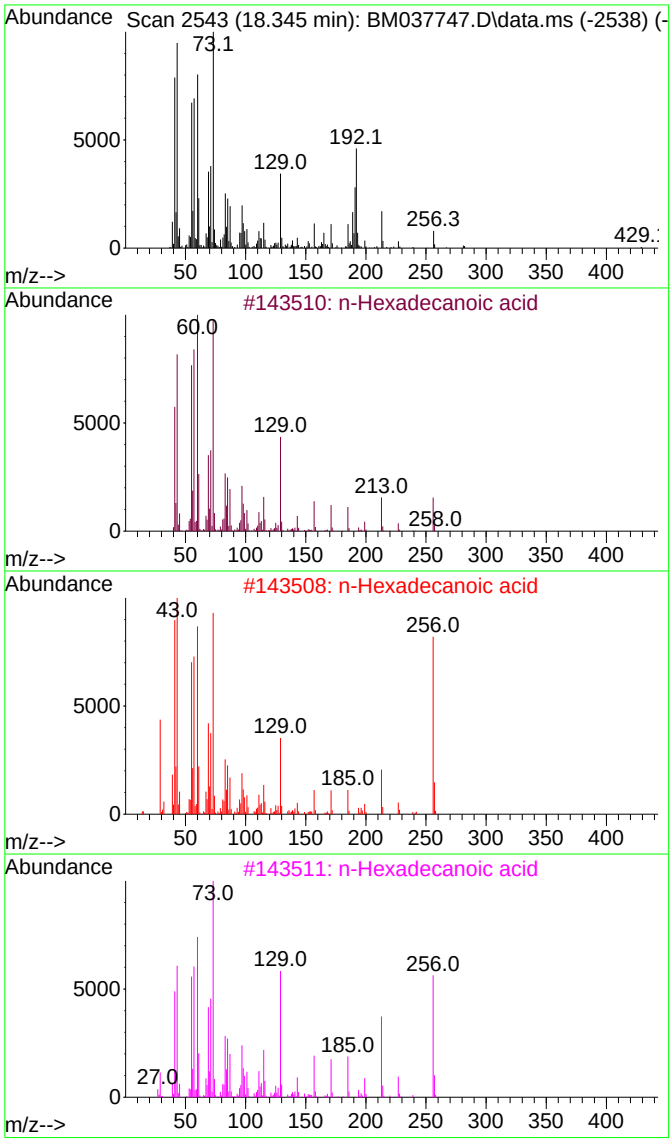
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

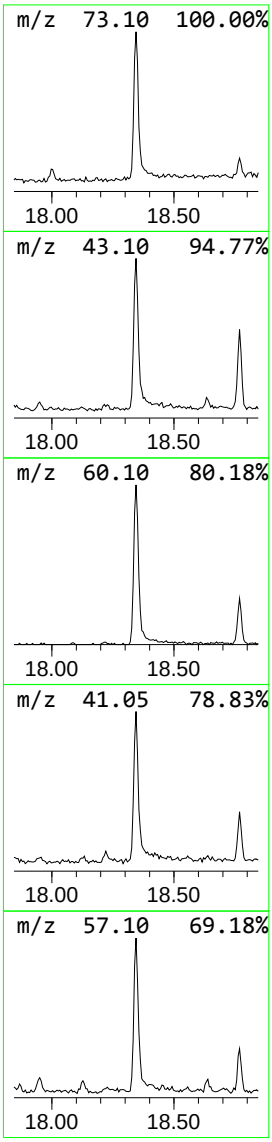
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	2.55 ng/ul	486283	Phenanthrene-d10	17.468

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





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Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB41

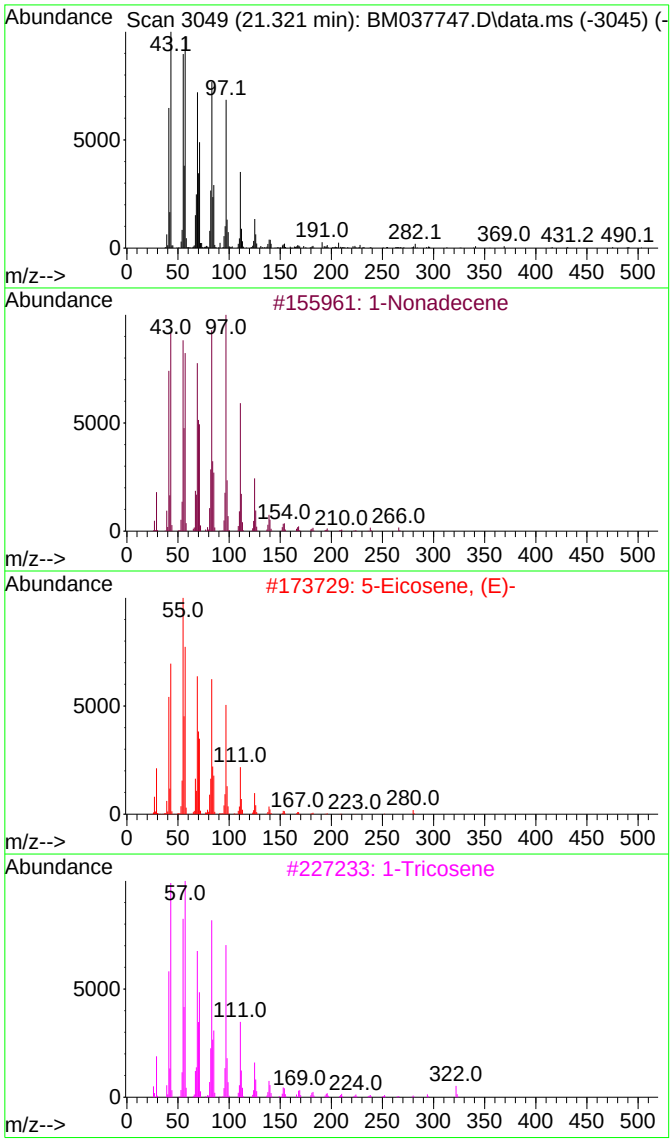
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

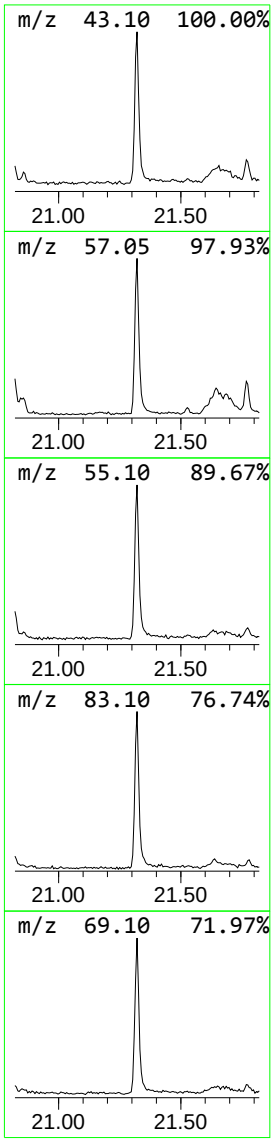
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.321	2.83 ng/ul	618840	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	1-Tricosene	322	C23H46	018835-32-0	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037747.D
Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION

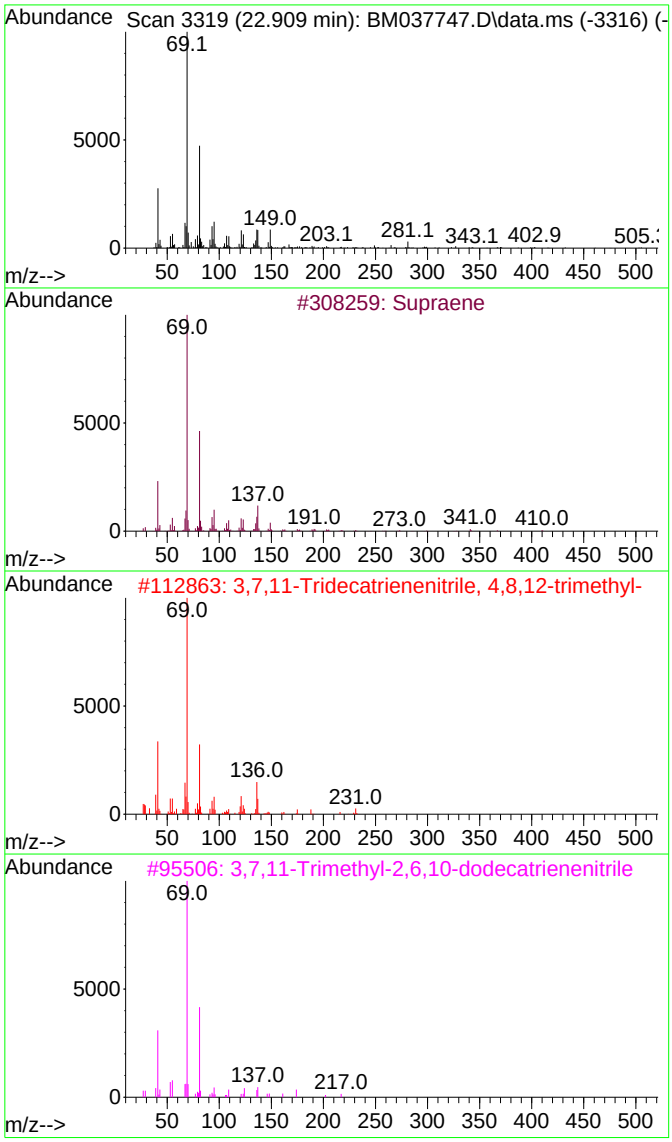
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

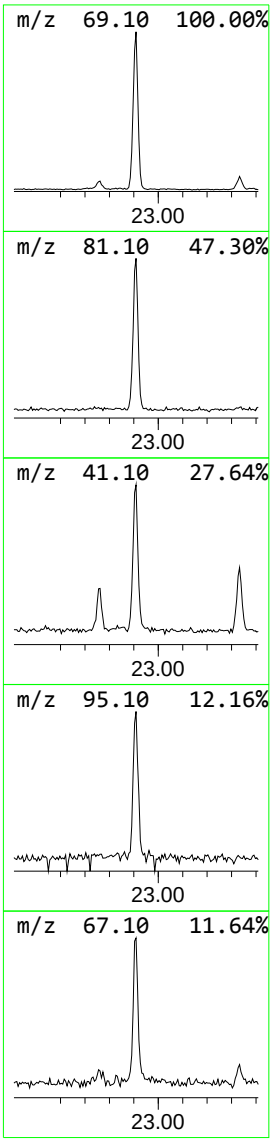
****

Peak Number 7 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.909	2.11 ng/ul	407238	Perylene-d12	24.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	72
3	3,7,11-Trimethyl-2,6,10-dodecatr...	217	C15H23N	029789-67-1	72
4	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112522\
Data File : BM037747.D
Acq On : 26 Nov 2022 23:36
Operator : CG/JU
Sample : N5694-05
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BHB41

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.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
Indane	8.486	2.7	ng/ul	205583	1	8.110	1517000	20.0
3-Methylphenyla...	8.651	2.0	ng/ul	153672	1	8.110	1517000	20.0
Dibenzothiophene	17.286	2.1	ng/ul	394944	4	17.468	3815270	20.0
3-(Carboxymethy...	17.345	3.2	ng/ul	603170	4	17.468	3815270	20.0
n-Hexadecanoic ...	18.345	2.5	ng/ul	486283	4	17.468	3815270	20.0
(DEL) Alkane: S...	21.321	2.8	ng/ul	618840	5	21.633	4379100	20.0
Supraene	22.909	2.1	ng/ul	407238	6	24.127	3854190	20.0