LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038168.D
Acq On : 21 Dec 2022 12:46
Operator : CG/JU
Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBXS6

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-BM120722.M
Title : SVOA CALIBRATION

Signal : TIC: BM038168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	31	35	45	rVB	49473	75750	0.80%	0.066%
2	3.828	105	109	130	rBV	639901	1080720	11.45%	0.941%
3	6.704	591	598	606	rVB	640068	948198	10.04%	0.826%
4	7.016	645	651	655	rBV2	42470	72707	0.77%	0.063%
5	7.204	674	683	696	rBV	996351	1625273	17.21%	1.416%
6	7.369	701	711	722	rBV	756362	1163339	12.32%	1.013%
7	7.569	738	745	752	rBV	1059115	1621279	17.17%	1.412%
8	8.039	815	825	833	rBV	622099	975322	10.33%	0.850%
9	8.757	940	947	957	rBV	1230336	1965905	20.82%	1.713%
10	9.216	1018	1025	1032	rBV	987295	1601866	16.97%	1.395%
11	9.939	1140	1148	1156	rBV	849536	1392321	14.75%	1.213%
12	10.475	1231	1239	1250	rBV	1383662	2252762	23.86%	1.962%
13	10.857	1296	1304	1311	rBV	887027	1428817	15.13%	1.245%
14	10.998	1321	1328	1341	rBV	1028590	1764300	18.69%	1.537%
15	13.033	1667	1674	1681	rBV	111962	171616	1.82%	0.149%
16	13.410	1732	1738	1745	rBV6	33971	79079	0.84%	0.069%
17	13.545	1755	1761	1766	rVB	249530	353894	3.75%	0.308%
18	13.774	1795	1800	1808	rBV	92684	169732	1.80%	0.148%
19	13.986	1831	1836	1843	rVV	1350669	1866818	19.77%	1.626%
20	14.080	1843	1852	1857	rVV	2461374	3302743	34.98%	2.877%
21	14.368	1894	1901	1916	rVV	2724944	4410430	46.71%	3.842%
22	14.504	1916	1924	1928	rVV	79883	146693	1.55%	0.128%
23	14.621	1935	1944	1948	rVV	979001	1346733	14.26%	1.173%
24	14.668	1948	1952	1958	rVV	1371398	1914729	20.28%	1.668%
25	14.733	1958	1963	1973	rVB6	186763	435758	4.62%	0.380%
26	14.868	1980	1986	1990	rBV	965834	1409005	14.92%	1.227%
27	14.910	1990	1993	1996	rVV	290185	422874	4.48%	0.368%
28	14.933	1996	1997	2001	rVV	184950	200127	2.12%	0.174%
29	14.980	2001	2005	2010	rVB3	96534	162672	1.72%	0.142%
30	15.068	2015	2020	2027	rVV5	52129	100375	1.06%	0.087%
31	15.657	2113	2120	2126	rBV	3643420	4842809	51.29%	4.219%
32	15.774	2135	2140	2148	rVB	678656	920331	9.75%	0.802%
33	15.986	2170	2176	2178	rBV2	124860	189931	2.01%	0.165%
34	16.021	2178	2182	2191	rVB	253556	384600	4.07%	0.335%
35	16.127	2193	2200	2212	rVB2	375432	579858	6.14%	0.505%
36	16.709	2288	2299	2305	rBV7	24016	73629	0.78%	0.064%

LSC Area Percent Report

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Operator : CG/JU
Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS6

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-BM120722.M
Title : SVOA CALIBRATION

37	16.792	2309	2313	2319	rVV3	48756	68018	0.72%	0.059%
38	17.062	2354	2359	2366	rVB2	88750	141439	1.50%	0.123%
39	17.139	2367	2372	2378	rBV4	41436	79104	0.84%	0.069%
40	17.409	2412	2418	2422	rBV	1648918	2344642	24.83%	2.042%
41	17.451	2422	2425	2429	rVB	814763	1004069	10.63%	0.875%
42	17.509	2429	2435	2439	rBV	3702348	5018434	53.15%	4.372%
43	17.598	2448	2450	2455	rVB3	46472	65274	0.69%	0.057%
44	17.809	2478	2486	2495	rVV2	137518	274318	2.91%	0.239%
45	17.921	2501	2505	2511	rBV2	50265	72935	0.77%	0.064%
46	17.986	2512	2516	2524	rVB8	35296	73790	0.78%	0.064%
47	18.162	2542	2546	2550	rBV4	46335	71447	0.76%	0.062%
48	18.286	2562	2567	2571	rVV2	1336182	1773239	18.78%	1.545%
49	18.327	2571	2574	2583	rVV	281261	453219	4.80%	0.395%
50	18.409	2584	2588	2594	rVV	103114	160183	1.70%	0.140%
51	18.480	2594	2600	2603	rVV2	239586	446887	4.73%	0.389%
52	18.509	2603	2605	2611	rVB	118180	142857	1.51%	0.124%
53	18.586	2613	2618	2621	rBV4	44574	77722	0.82%	0.068%
54	18.703	2635	2638	2644	rVB3	96626	119659	1.27%	0.104%
55	18.774	2646	2650	2654	rVV	142793	181801	1.93%	0.158%
56	18.821	2654	2658	2663	rBV	213446	271797	2.88%	0.237%
57	19.192	2716	2721	2727	rBV3	139212	295168	3.13%	0.257%
58	19.339	2741	2746	2754	rVB2	213903	394208	4.18%	0.343%
59	19.409	2754	2758	2759	rBV2	133286	141703	1.50%	0.123%
60	19.456	2760	2766	2772	rVV	4167164	5564080	58.93%	4.847%
61	19.515	2773	2776	2779	rVV	62708	83619	0.89%	0.073%
62	19.550	2779	2782	2787	rVV	479507	637617	6.75%	0.555%
63	19.603	2788	2791	2795	rVV	136624	194956	2.06%	0.170%
64	19.650	2796	2799	2803	rVV2	75977	121850	1.29%	0.106%
65	19.698	2804	2807	2817	rVV2	129005	282112	2.99%	0.246%
66	19.792	2817	2823	2826	rVV	4804880	7064467	74.82%	6.154%
67	19.821	2826	2828	2835	rVV	3653538	3896988	41.27%	3.395%
68	19.886	2835	2839	2845	rVB2	168171	246634	2.61%	0.215%
69	19.992	2853	2857	2863	rVB	189003	256397	2.72%	0.223%
70	20.062	2863	2869	2875	rVB2	100167	190286	2.02%	0.166%
71	20.150	2876	2884	2885	rBV3	432119	784450	8.31%	0.683%
72	20.168	2885	2887	2894	rVB	536085	631947	6.69%	0.550%
73	20.274	2900	2905	2907	rBV4	230121	413435	4.38%	0.360%
74	20.309	2908	2911	2915	rVB2	546281	745668	7.90%	0.650%
75	20.409	2924	2928	2931	rVB	140246	181600	1.92%	0.158%
76	20.468	2931	2938	2941	rBV2	287098	518787	5.49%	0.452%

LSC Area Percent Report

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Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS6

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

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Title : SVOA CALIBRATION

77	20.603	2957	2961	2964	rBV	259183	348270	3.69%	0.303%
78	20.650	2967	2969	2972	rVB3	150920	169599	1.80%	0.148%
79	20.762	2985	2988	2991	rBV	163804	184464	1.95%	0.161%
80	20.797	2992	2994	3000	rVB2	133671	190057	2.01%	0.166%
81	20.956	3018	3021	3027	rVB2	221970	289674	3.07%	0.252%
82	21.056	3034	3038	3043	rBV	476958	657094	6.96%	0.572%
83	21.121	3043	3049	3053	rVV	8258038	9442025	100.00%	8.225%
84	21.221	3061	3066	3069	rBV2	284723	462028	4.89%	0.402%
85	21.262	3069	3073	3077	rVV2	1367545	1763046	18.67%	1.536%
86	21.297	3077	3079	3084	rVV2	322574	472161	5.00%	0.411%
87	21.350	3084	3088	3098	rVB2	442381	663357	7.03%	0.578%
88	21.568	3119	3125	3130	rBV2	2229919	4880580	51.69%	4.252%
89	21.615	3130	3133	3142	rVB	1484838	1899272	20.12%	1.654%
90	21.903	3179	3182	3188	rVB3	168843	256716	2.72%	0.224%
91	22.162	3224	3226	3229	rBV2	193709	263034	2.79%	0.229%
92	22.197	3229	3232	3242	rVB3	948805	1591881	16.86%	1.387%
93	23.238	3404	3409	3412	rBV	951848	1587999	16.82%	1.383%
94	23.280	3412	3416	3422	rVV2	881022	1970020	20.86%	1.716%
95	23.815	3502	3507	3511	rBV	525104	968293	10.26%	0.843%
96	23.874	3511	3517	3521	rVV2	2177021	4166484	44.13%	3.629%
97	23.921	3521	3525	3534	rVB	837094	1499058	15.88%	1.306%
98	24.027	3538	3543	3549	rBV2	857888	1585402	16.79%	1.381%
99	24.515	3622	3626	3632	rVB4	417210	781478	8.28%	0.681%
100	24.609	3637	3642	3654	rVB	831347	1764274	18.69%	1.537%

Sum of corrected areas: 114796067

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
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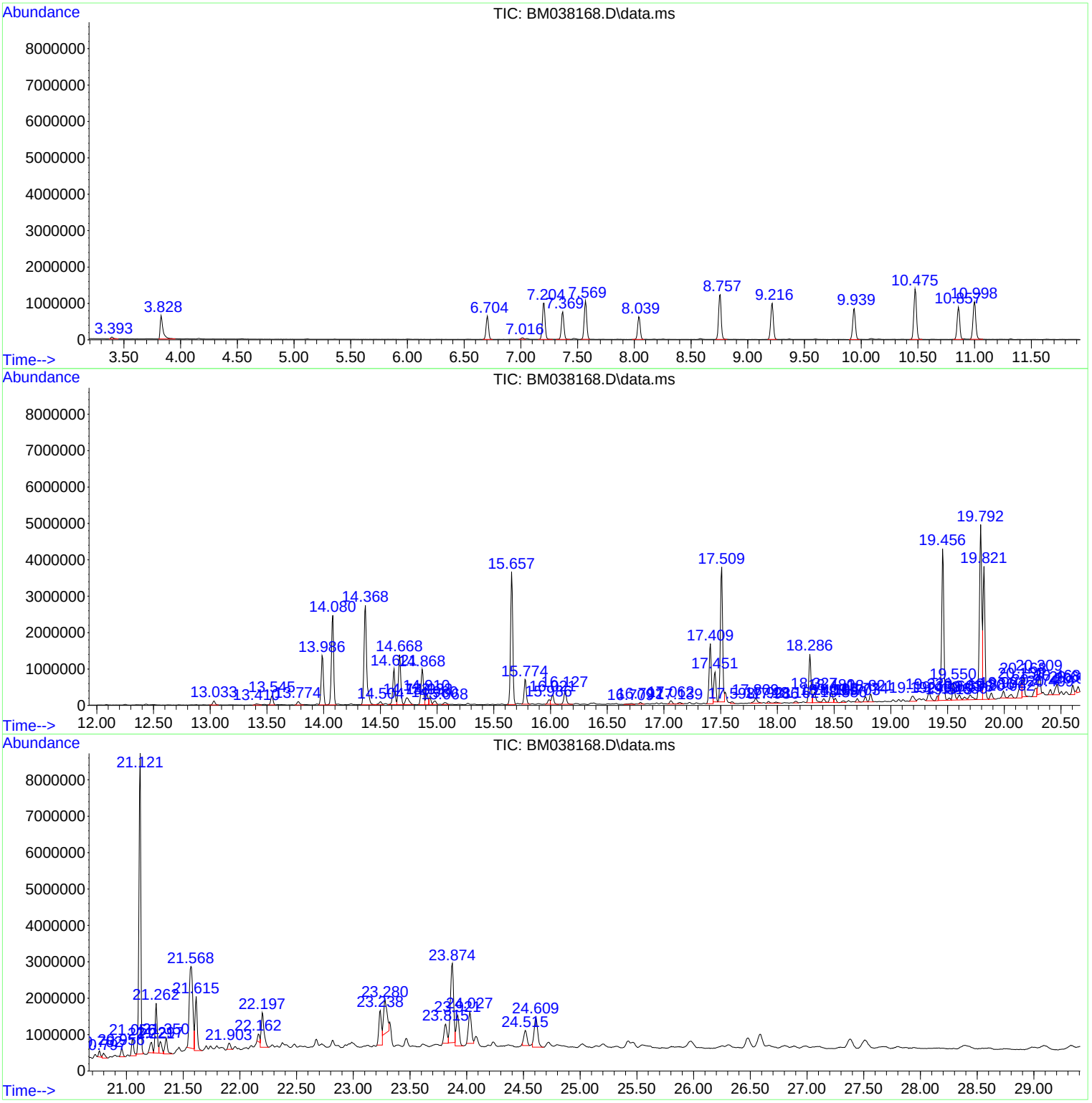
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
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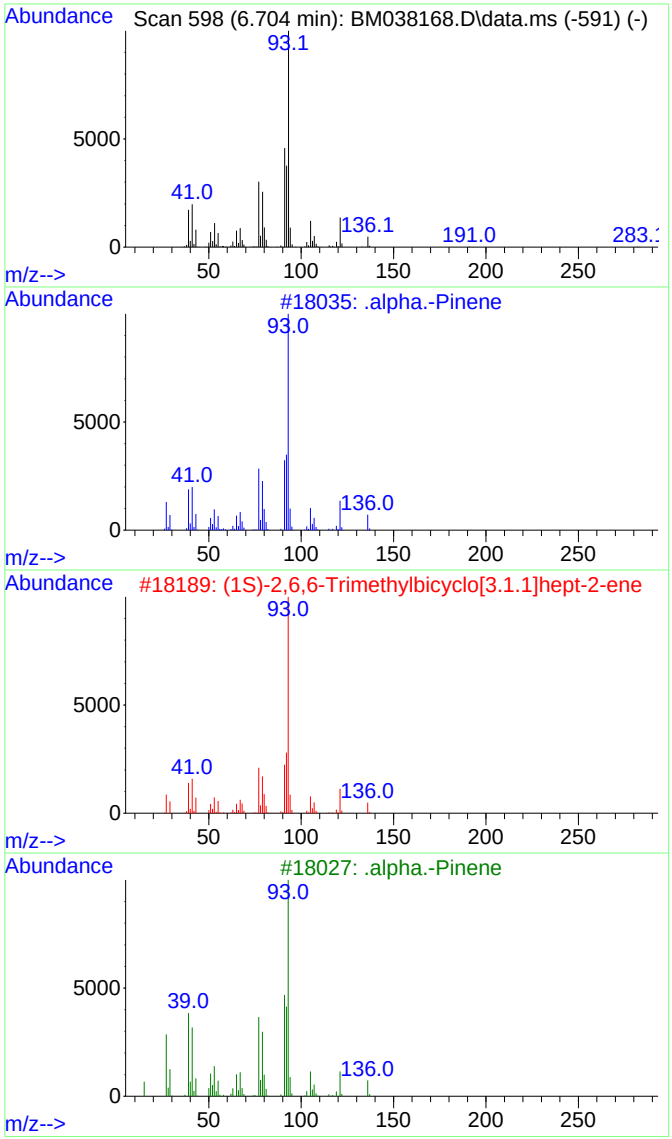
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

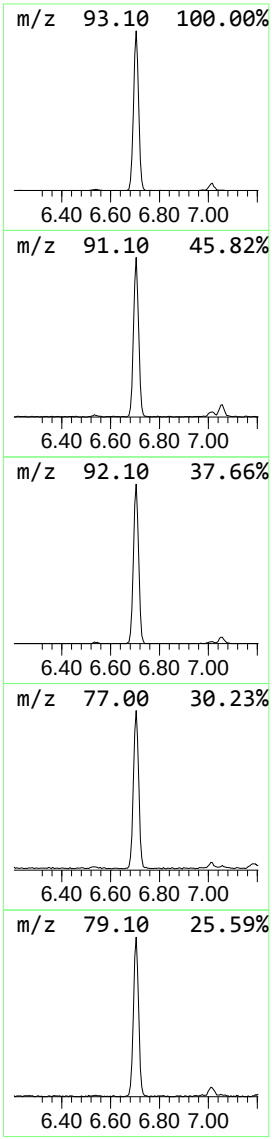
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.704	19.44 ng/ul	948198	1,4-Dichlorobenzene-d4	8.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
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ClientSampleId :
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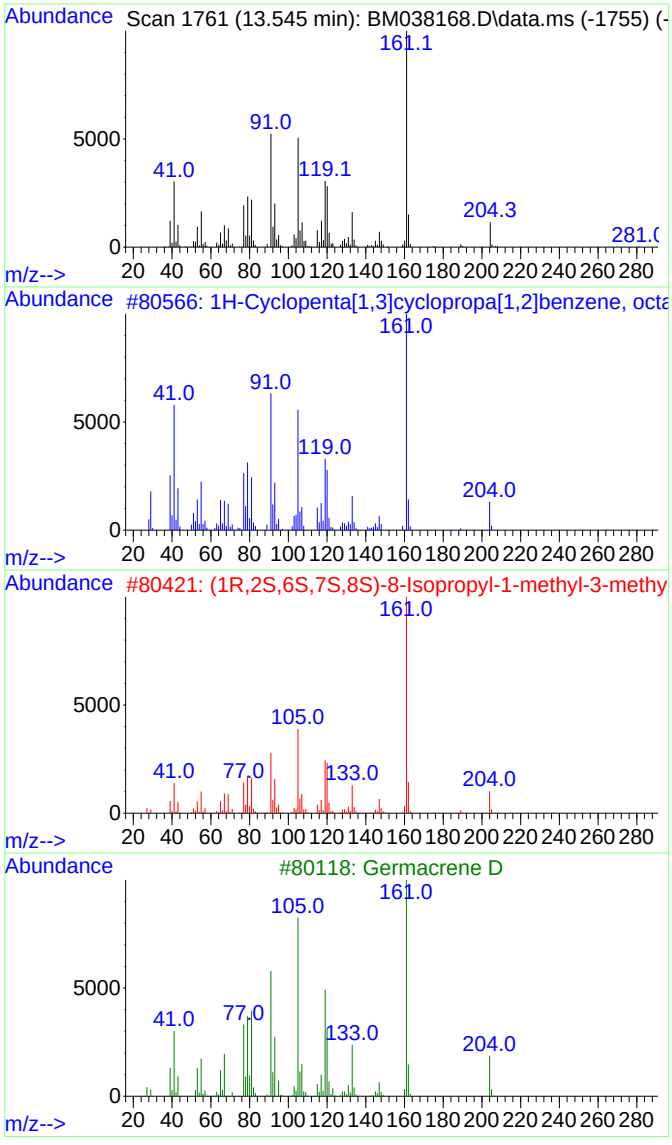
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

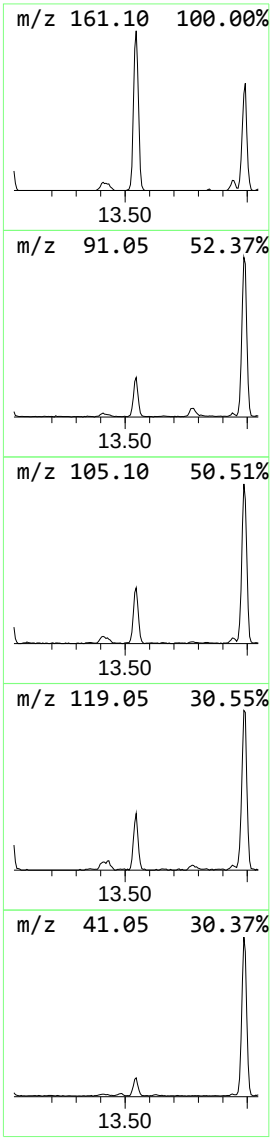
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.545	3.70 ng/ul	353894	Acenaphthene-d10	14.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	99
2	(1R,2S,6S,7S,8S)-8-Isopropyl-1-m...	204	C15H24	018252-44-3	99
3	Germacrene D	204	C15H24	023986-74-5	98
4	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	96
5	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	96





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

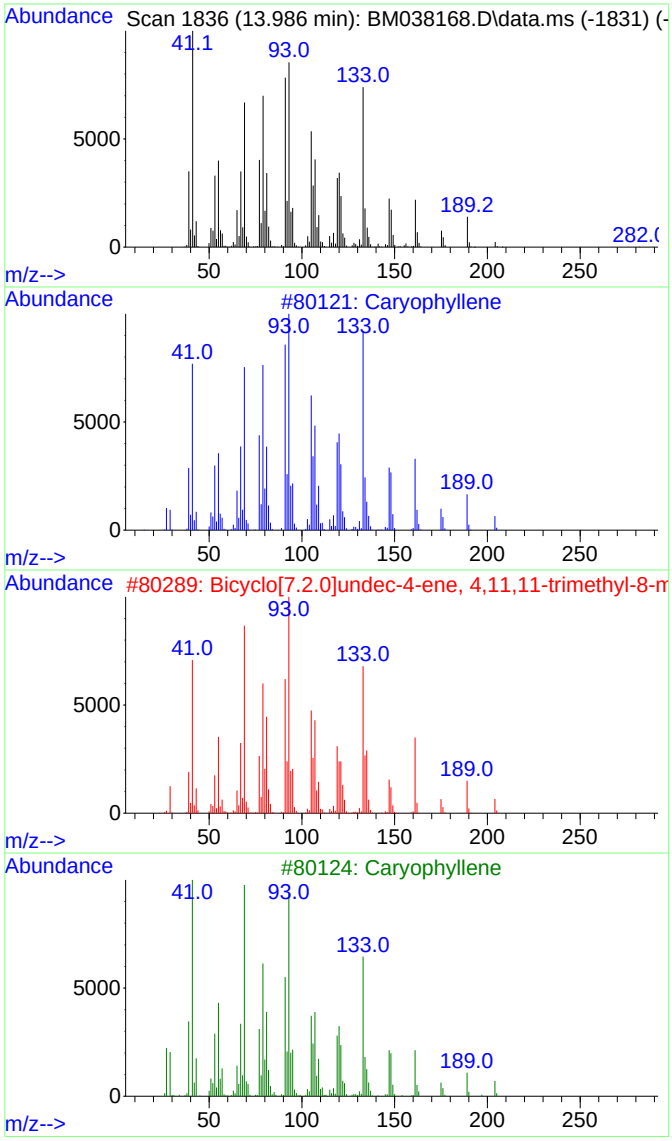
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

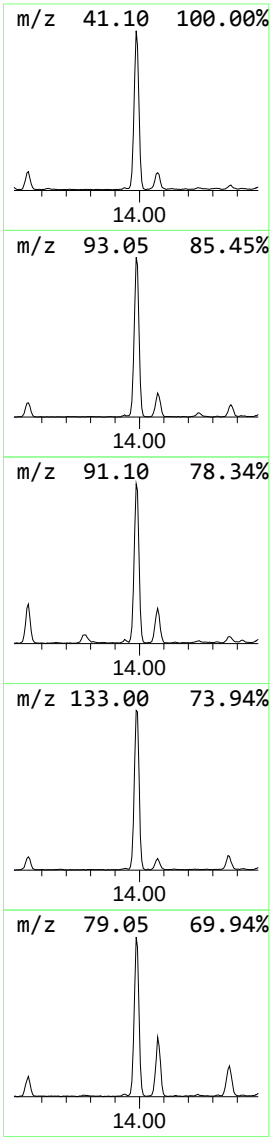
****

Peak Number 3 Caryophyllene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	19.50 ng/ul	1866820	Acenaphthene-d10	14.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	91
3	Caryophyllene	204	C15H24	000087-44-5	90
4	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	87
5	Caryophyllene	204	C15H24	000087-44-5	81





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Data File : BM038168.D
Acq On : 21 Dec 2022 12:46
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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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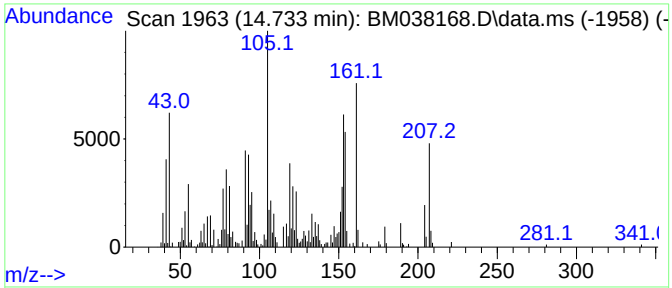
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

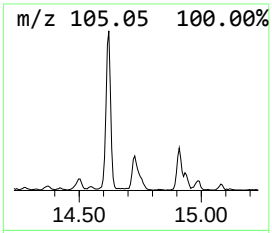
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

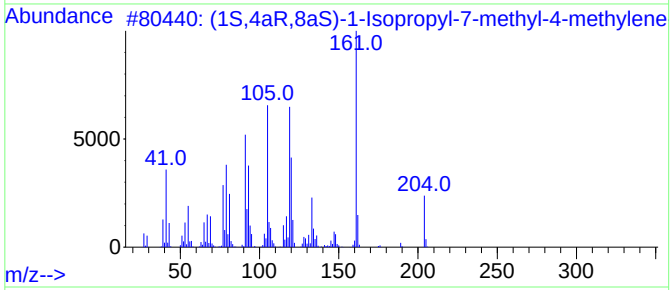
****
Peak Number 4 (1S,4aR,8aS)-1-Isopropyl-7-... Concentration Rank 11

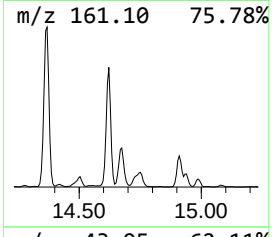
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	4.55 ng/ul	435758	Acenaphthene-d10	14.668

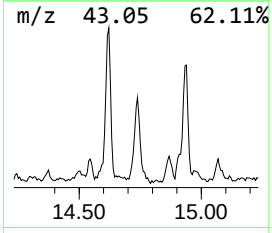
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1S,4aR,8aS)-1-Isopropyl-7-methy...	204	C15H24	006980-46-7	55
2	Selina-3,7(11)-diene	204	C15H24	006813-21-4	51
3	.gamma.-Muurolene	204	C15H24	030021-74-0	50
4	4,7-Methanoazulene, 1,2,3,4,5,6,...	204	C15H24	000514-51-2	49
5	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	48

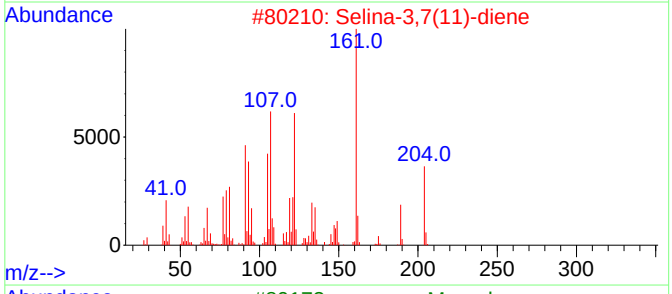


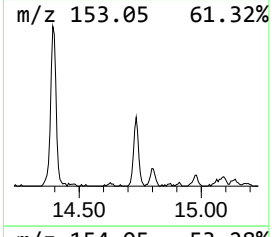


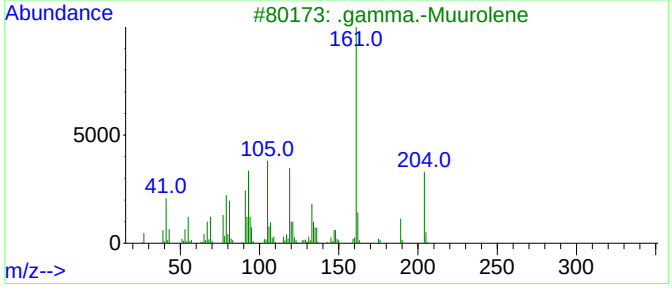


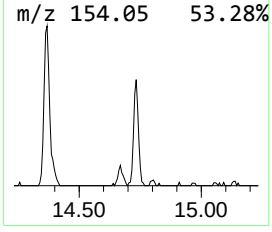












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Acq On : 21 Dec 2022 12:46
Operator : CG/JU
Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

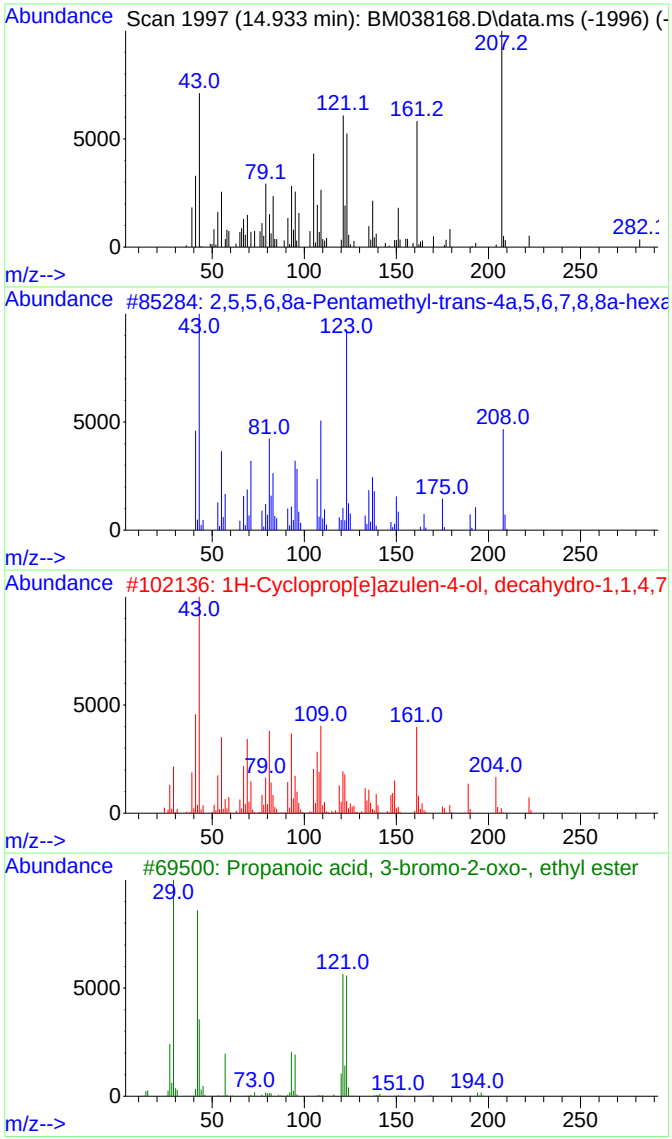
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

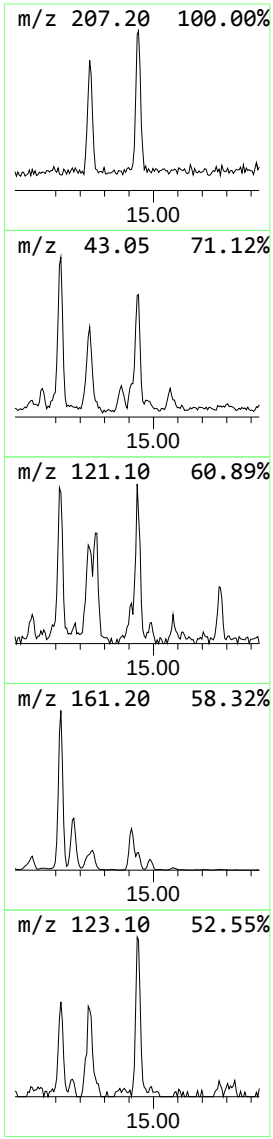
****

Peak Number 5 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	2.09 ng/ul	200127	Acenaphthene-d10	14.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,5,6,8a-Pentamethyl-trans-4a,...	208	C14H24O	1000215-77-8	22
2	1H-Cycloprop[e]azulen-4-ol, deca...	222	C15H26O	000552-02-3	18
3	Propanoic acid, 3-bromo-2-oxo-, ...	194	C5H7BrO3	000070-23-5	14
4	3-(4-Nitrophenyl)-4H-1,2,4-oxadi...	207	C8H5N3O4	019932-97-9	14
5	Phorone	138	C9H14O	000504-20-1	11





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ClientSampleId :
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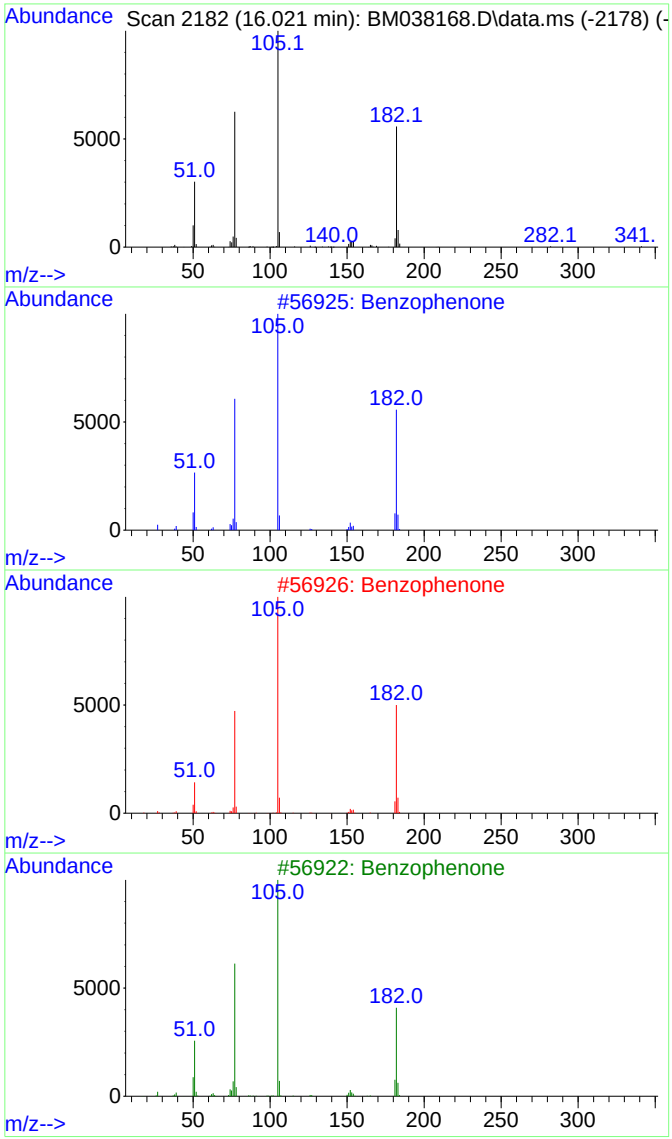
Quant Title : SVOA CALIBRATION

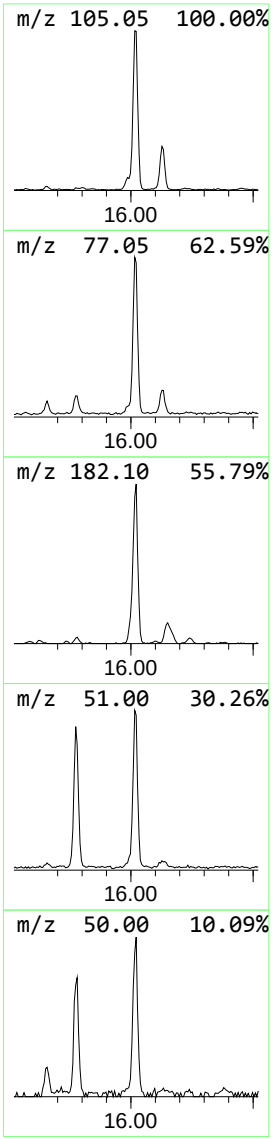
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.021	4.02 ng/ul	384600	Acenaphthene-d10	14.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Benzophenone	182	C13H10O	000119-61-9	91
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	87
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52





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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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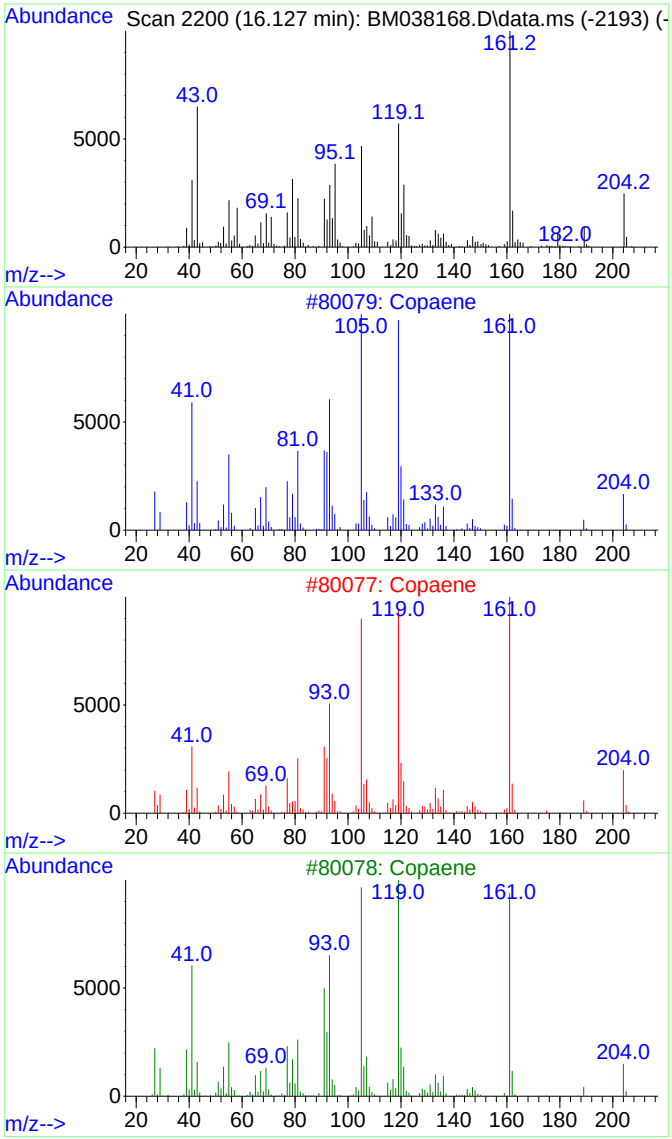
Quant Title : SVOA CALIBRATION

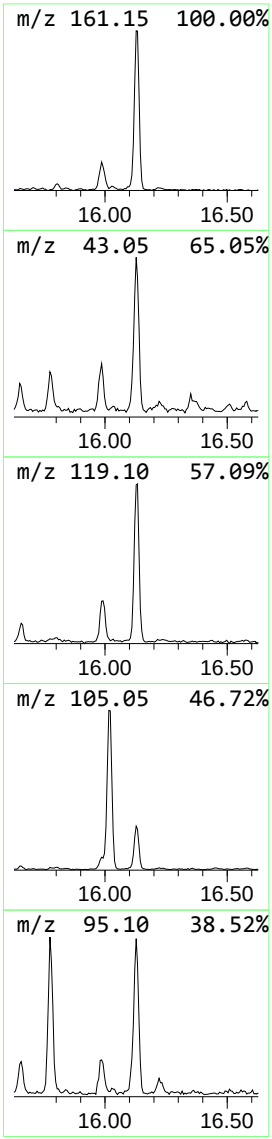
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Copaene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.127	4.95 ng/ul	579858	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	96
2	Copaene	204	C15H24	003856-25-5	96
3	Copaene	204	C15H24	003856-25-5	94
4	.alpha.-Cubebene	204	C15H24	017699-14-8	94
5	1-Naphthalenol, 1,2,3,4,4a,7,8,8...	222	C15H26O	019435-97-3	90





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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId :
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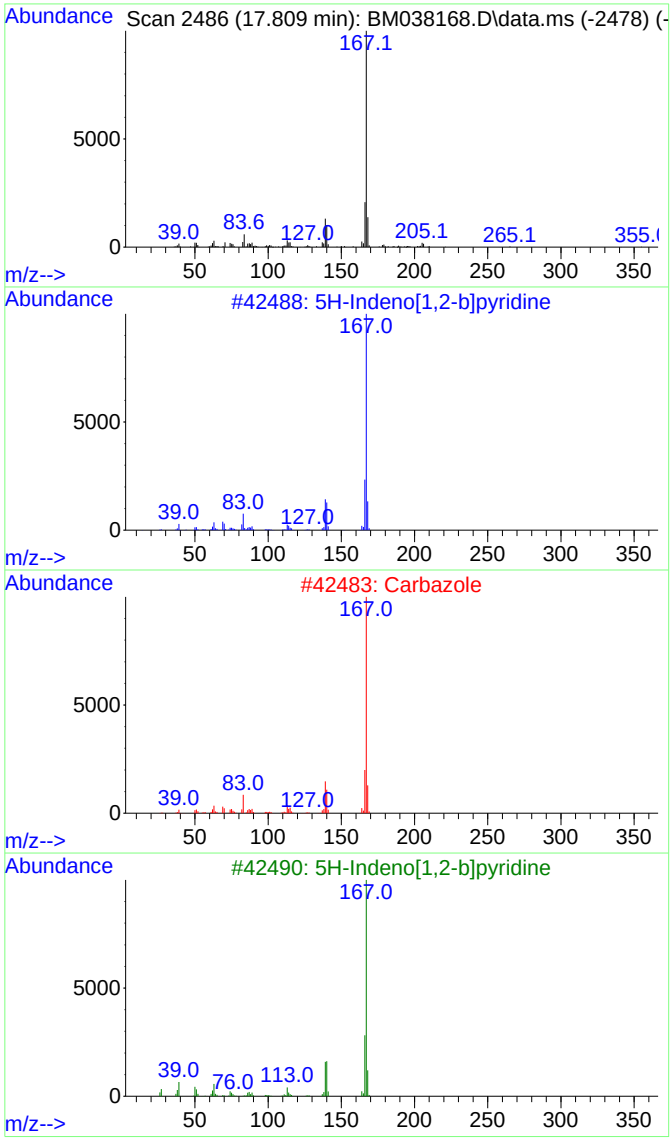
Quant Title : SVOA CALIBRATION

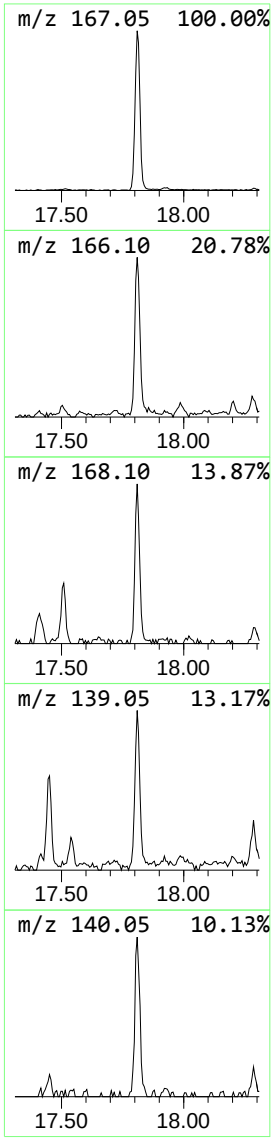
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.809	2.34 ng/ul	274318	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	87
5	Carbazole	167	C12H9N	000086-74-8	87





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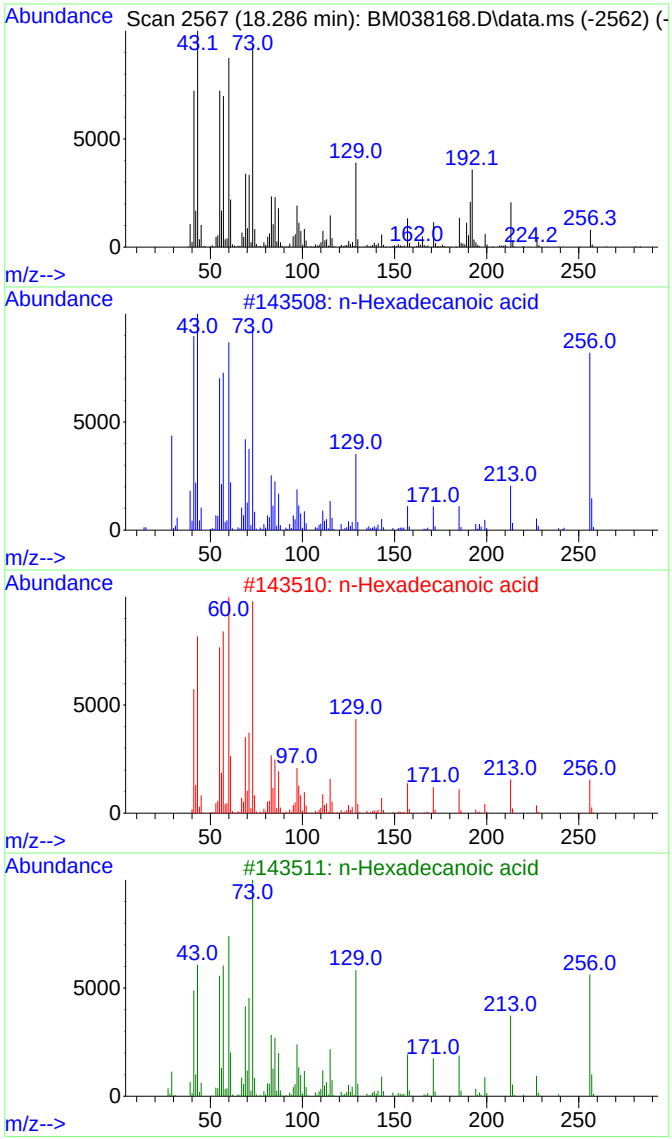
Quant Title : SVOA CALIBRATION

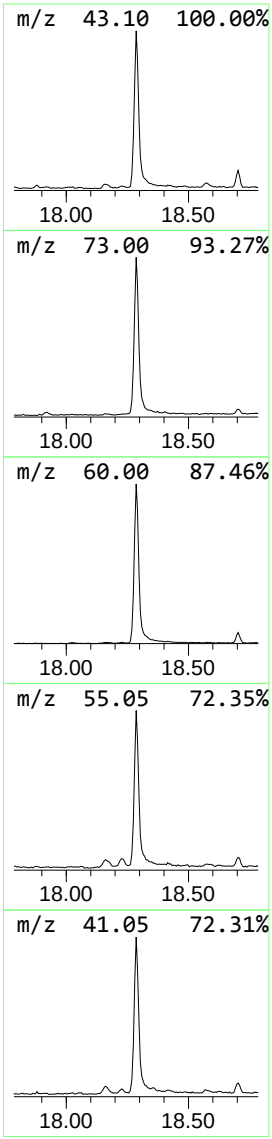
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	15.13 ng/ul	1773240	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90





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ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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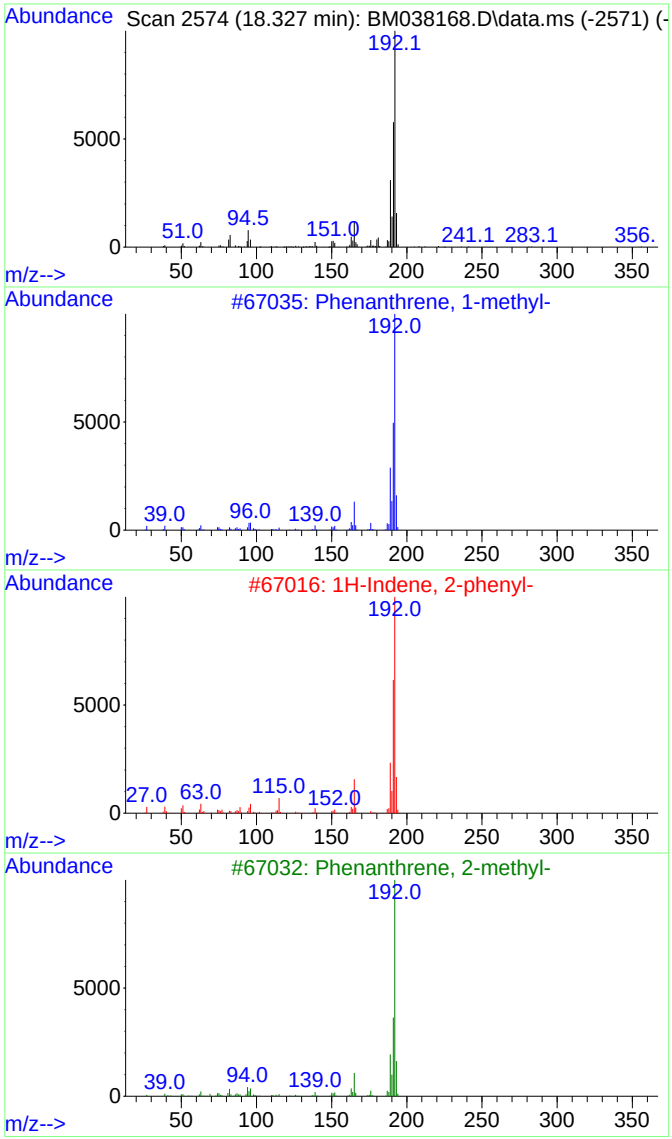
Quant Title : SVOA CALIBRATION

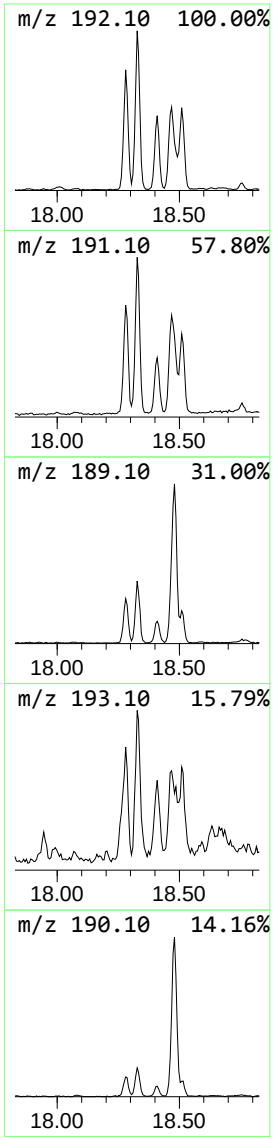
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	3.87 ng/ul	453219	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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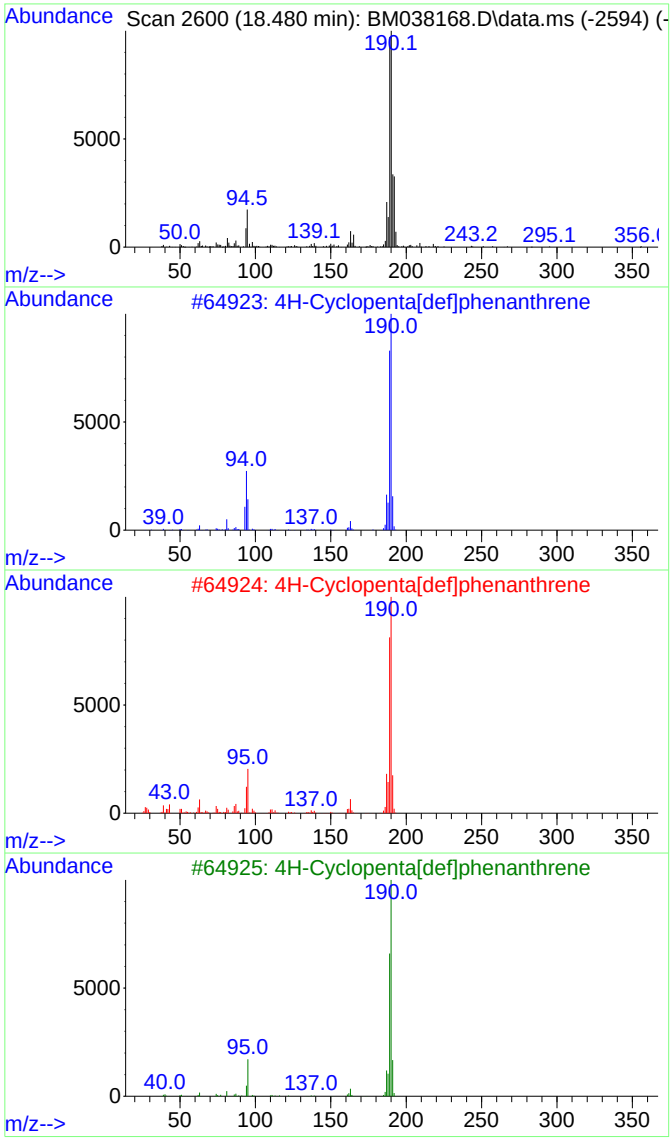
Quant Title : SVOA CALIBRATION

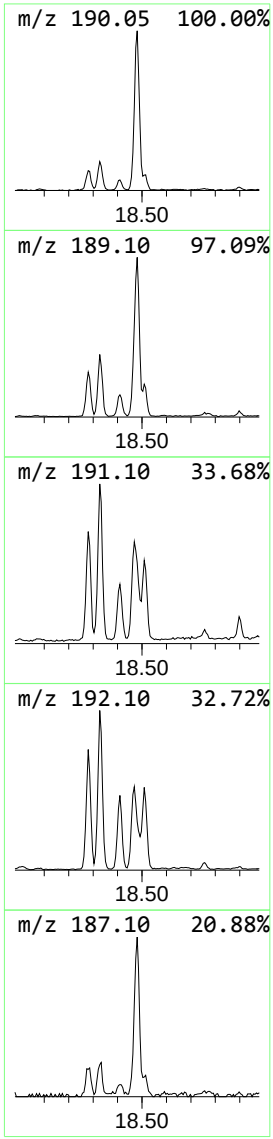
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	3.81 ng/ul	446887	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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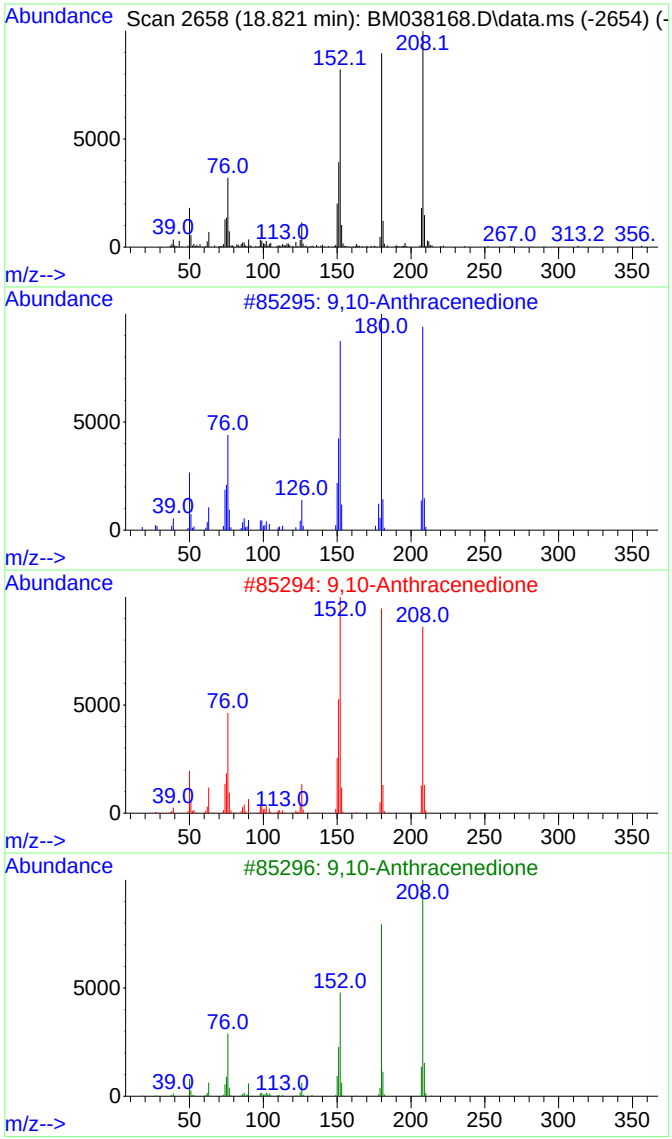
Quant Title : SVOA CALIBRATION

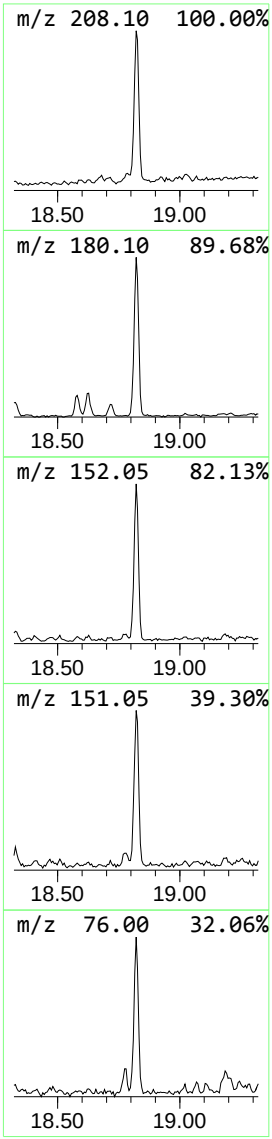
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,10-Anthracenedione Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.821	2.32 ng/ul	271797	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90





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ALS Vial : 36 Sample Multiplier: 1

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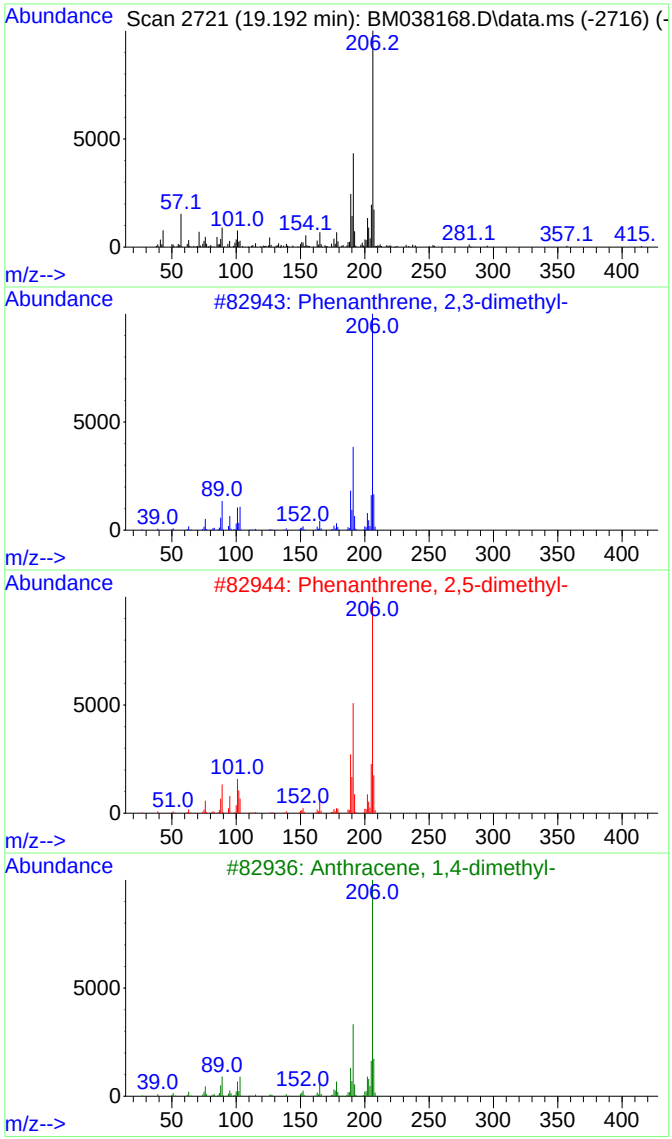
Quant Title : SVOA CALIBRATION

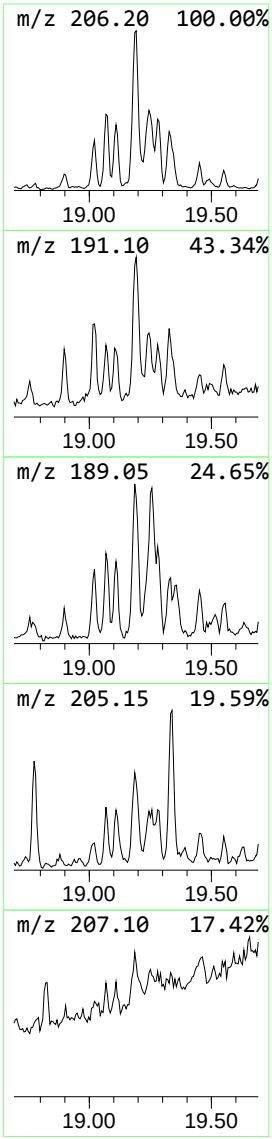
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	2.52 ng/ul	295168	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90





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ClientSampleId :
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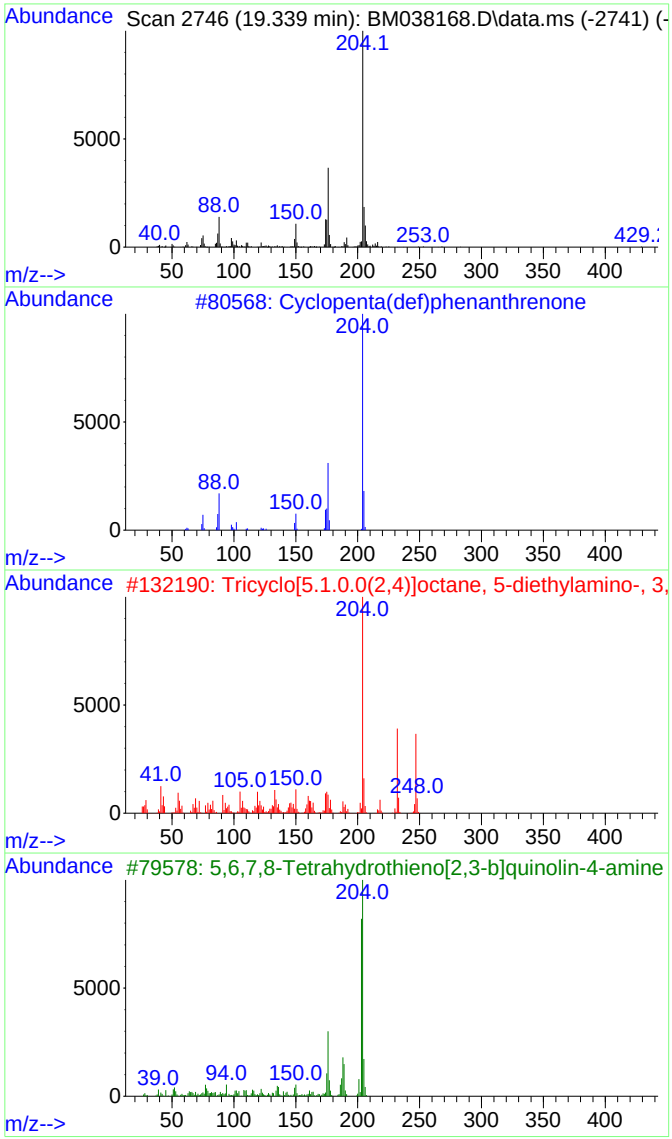
Quant Title : SVOA CALIBRATION

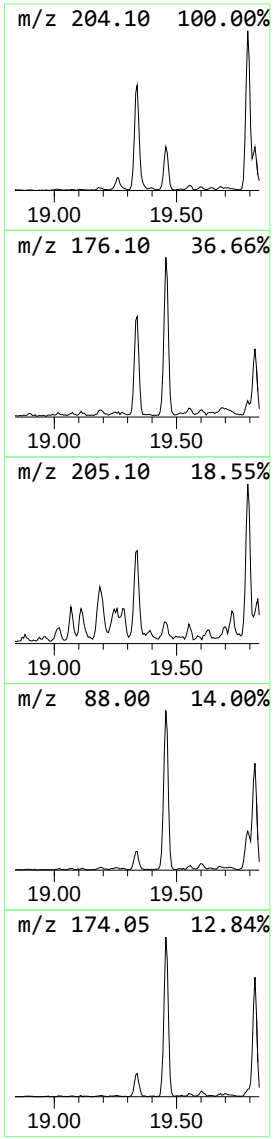
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	3.36 ng/ul	394208	Phenanthrene-d10	17.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59
4	4-Methoxy-6-(3-fluorophenyl)pyri...	204	C11H9FN2O	076128-74-0	50
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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TIC Library : C:\Database\NIST20.L
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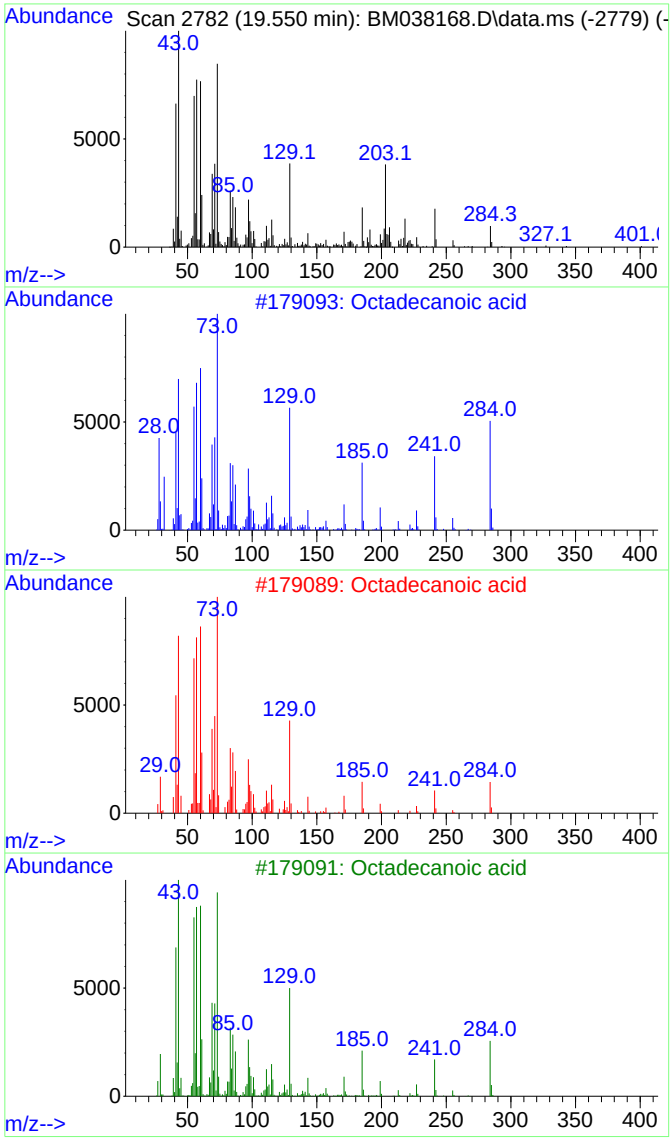
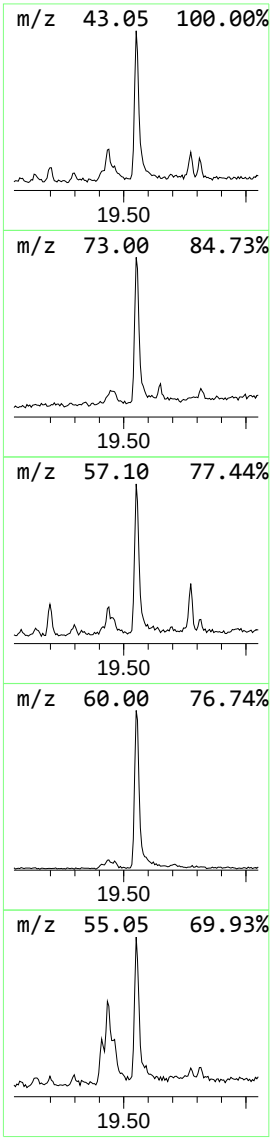
****
Peak Number 15 Octadecanoic acid Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.551	2.61 ng/ul	637617	Chrysene-d12	21.580

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





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Acq On : 21 Dec 2022 12:46
Operator : CG/JU
Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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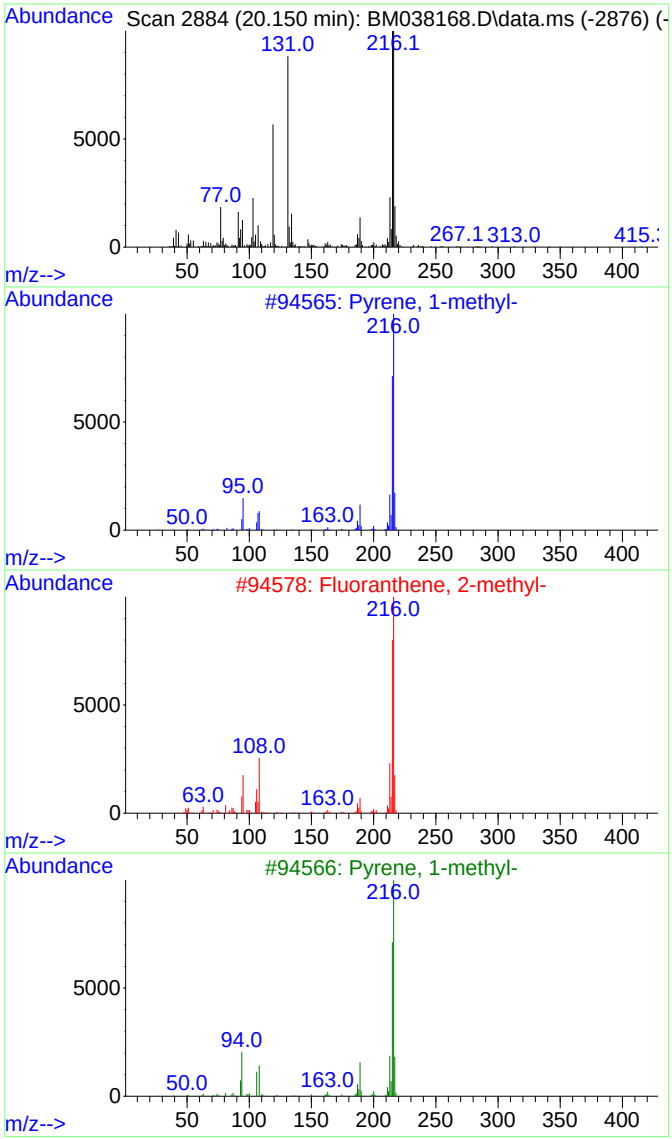
Quant Title : SVOA CALIBRATION

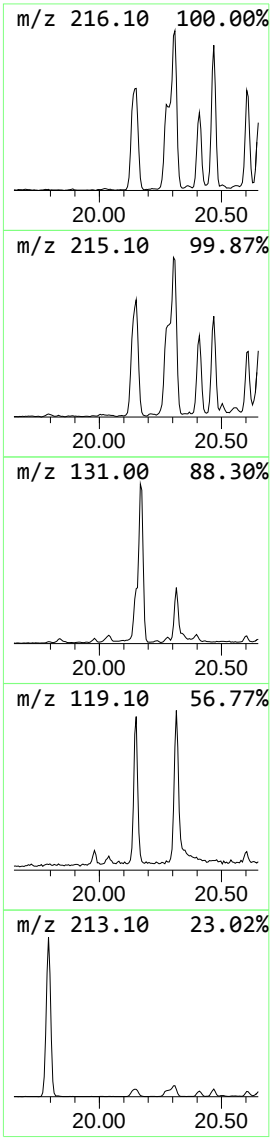
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.150	3.21 ng/ul	784450	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	55





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Sample : N6014-14
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ClientSampleId :
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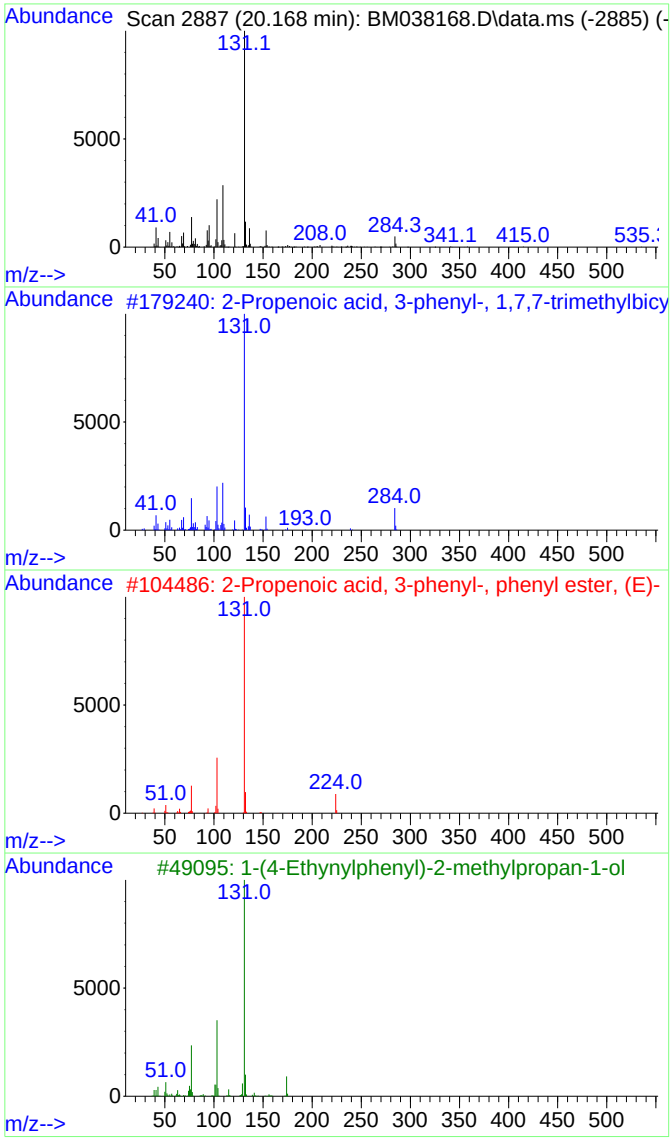
Quant Title : SVOA CALIBRATION

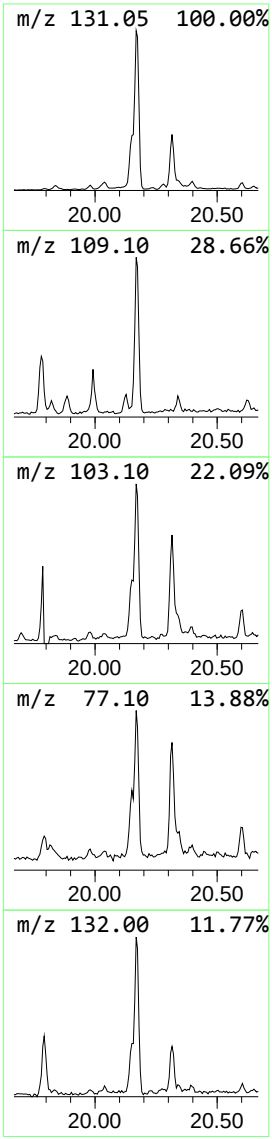
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2-Propenoic acid, 3-phenyl-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.168	2.59 ng/ul	631947	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 3-phenyl-, 1,7...	284	C19H24O2	006330-67-2	93
2	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	53
3	1-(4-Ethynylphenyl)-2-methylprop...	174	C12H14O	1000466-39-4	53
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	53
5	Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	53





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Quant Title : SVOA CALIBRATION

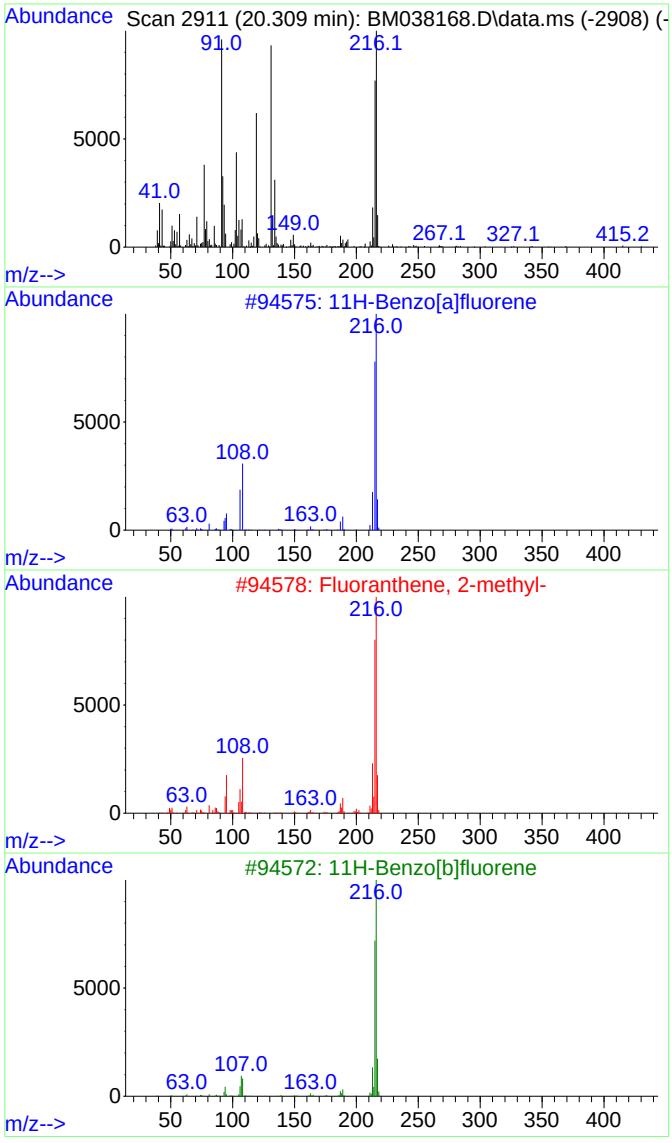
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

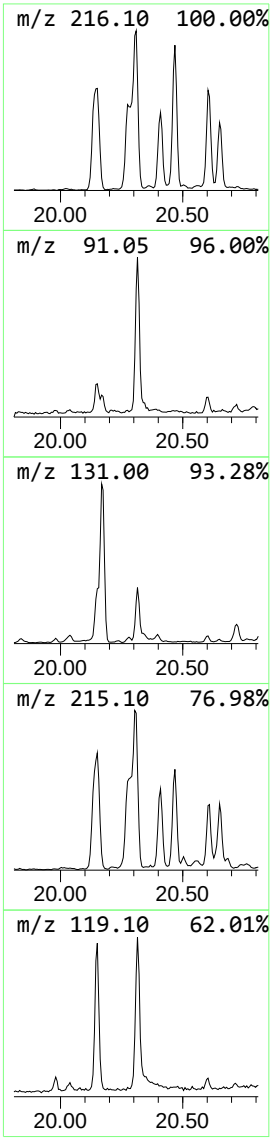
****

Peak Number 18 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.309	3.06 ng/ul	745668	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	42
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	30
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	30
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	30
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	27





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ClientSampleId :
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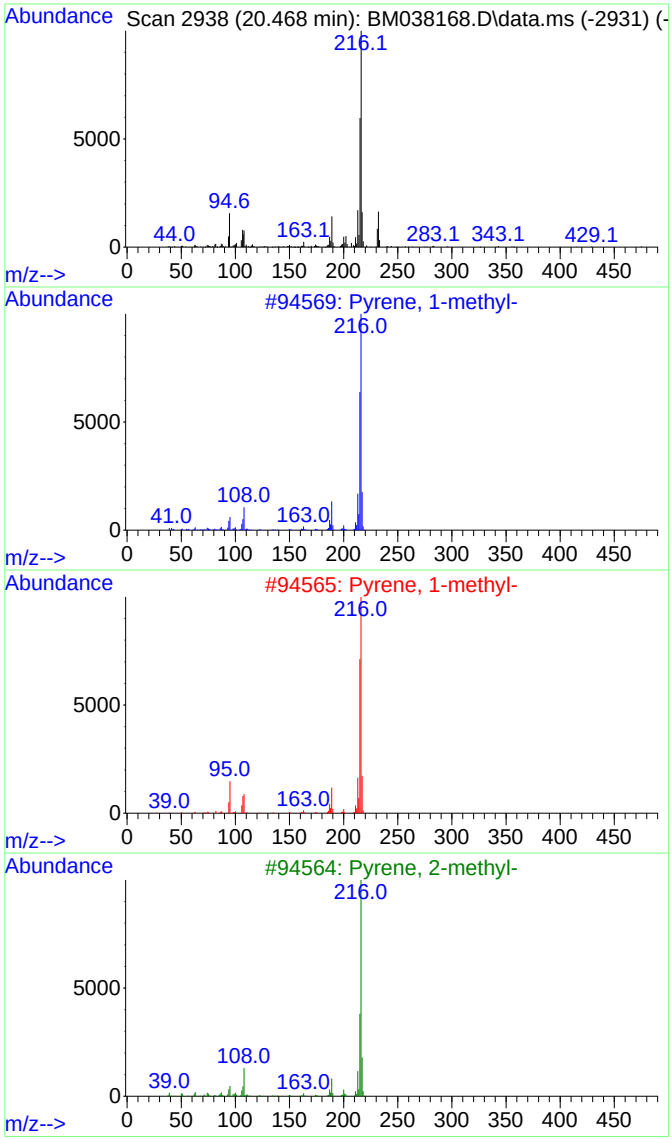
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

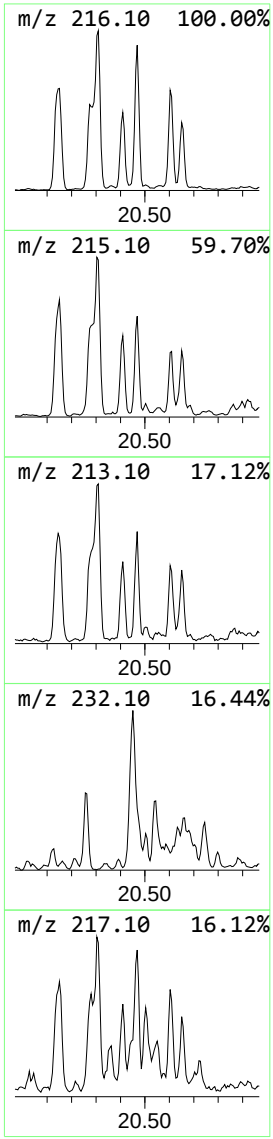
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.468	2.13 ng/ul	518787	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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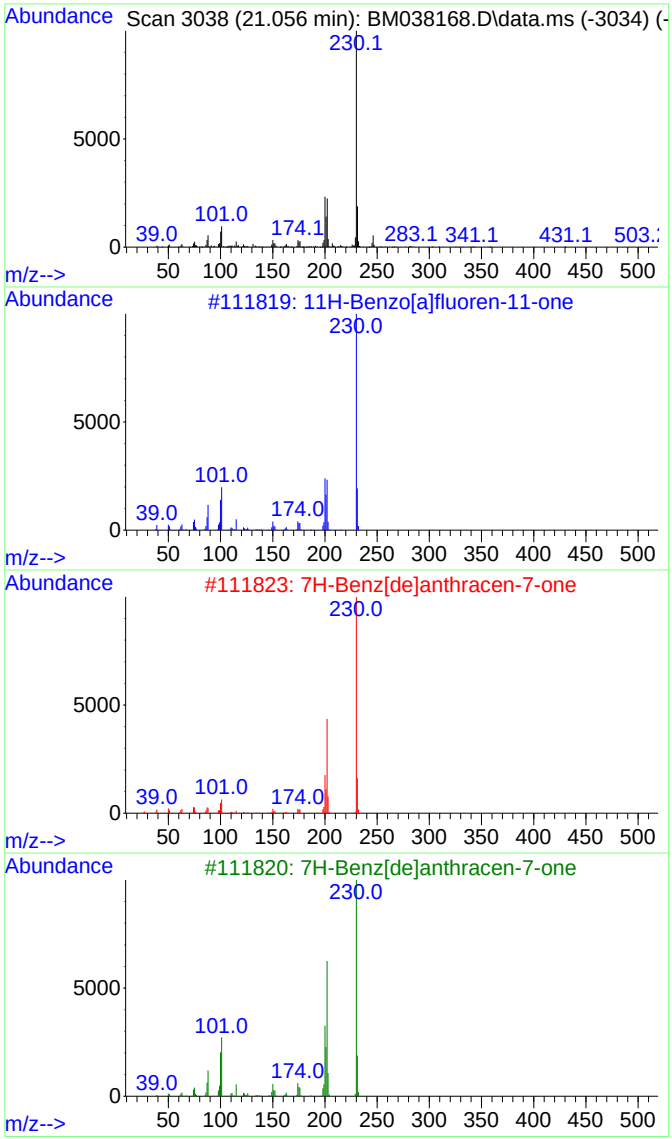
Quant Title : SVOA CALIBRATION

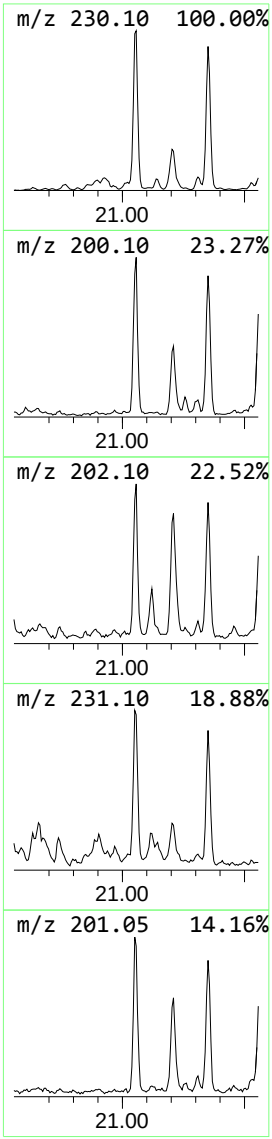
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	2.69 ng/ul	657094	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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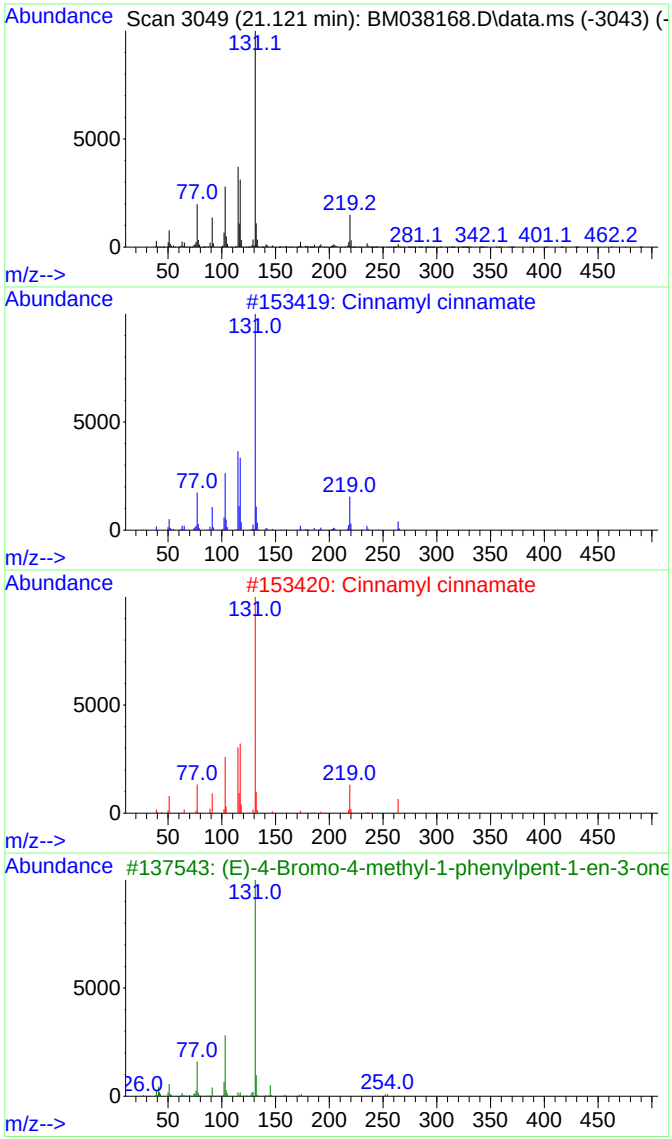
Quant Title : SVOA CALIBRATION

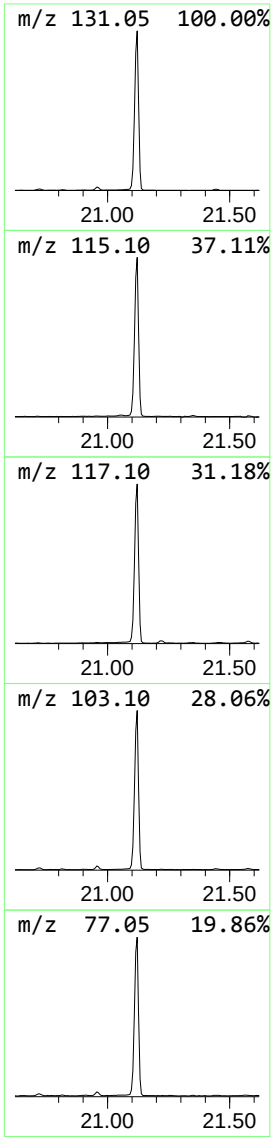
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.121	38.69 ng/ul	9442030	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	91
2	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	87
3	(E)-4-Bromo-4-methyl-1-phenylpen...	252	C12H13BrO	1000443-02-8	53
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	52
5	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	50





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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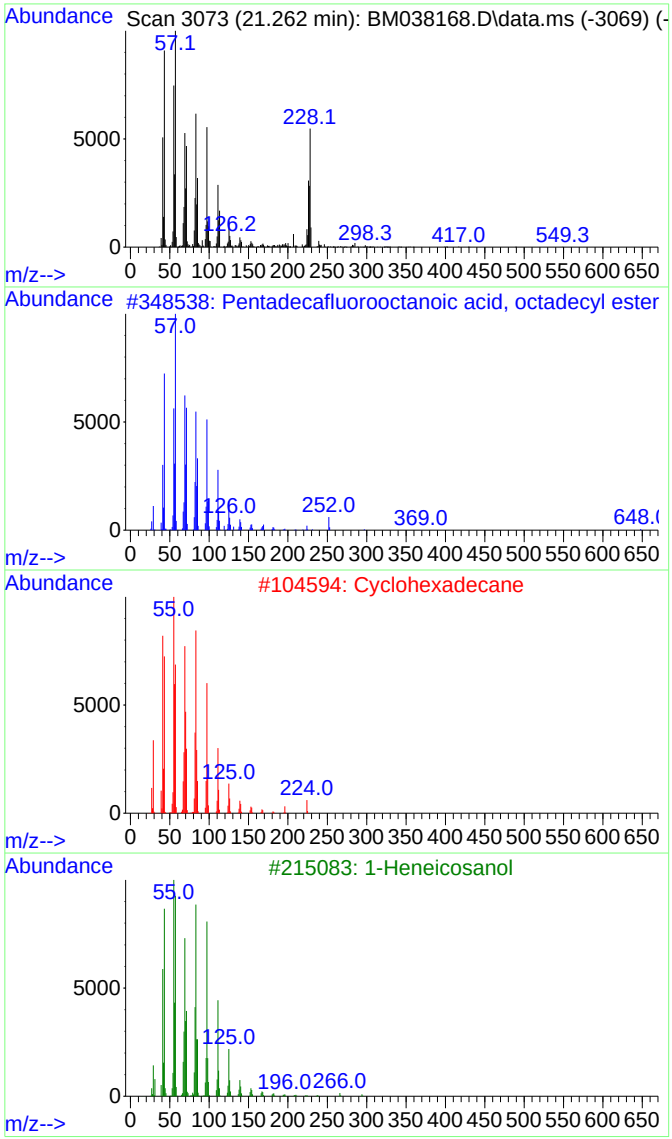
Quant Title : SVOA CALIBRATION

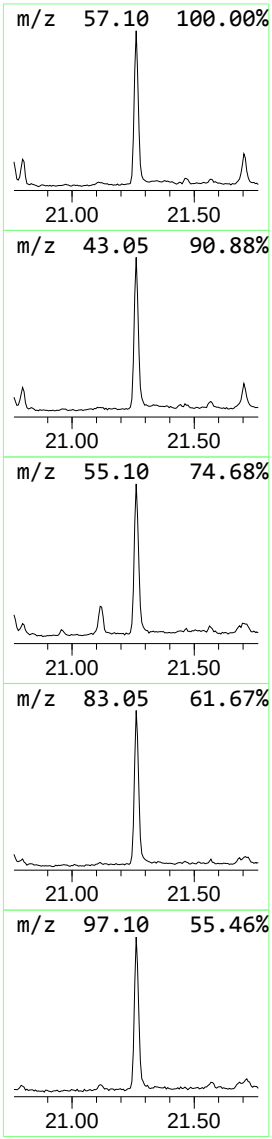
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Pentadecafluorooctanoic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	7.22 ng/ul	1763050	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	64
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	64





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ALS Vial : 36 Sample Multiplier: 1

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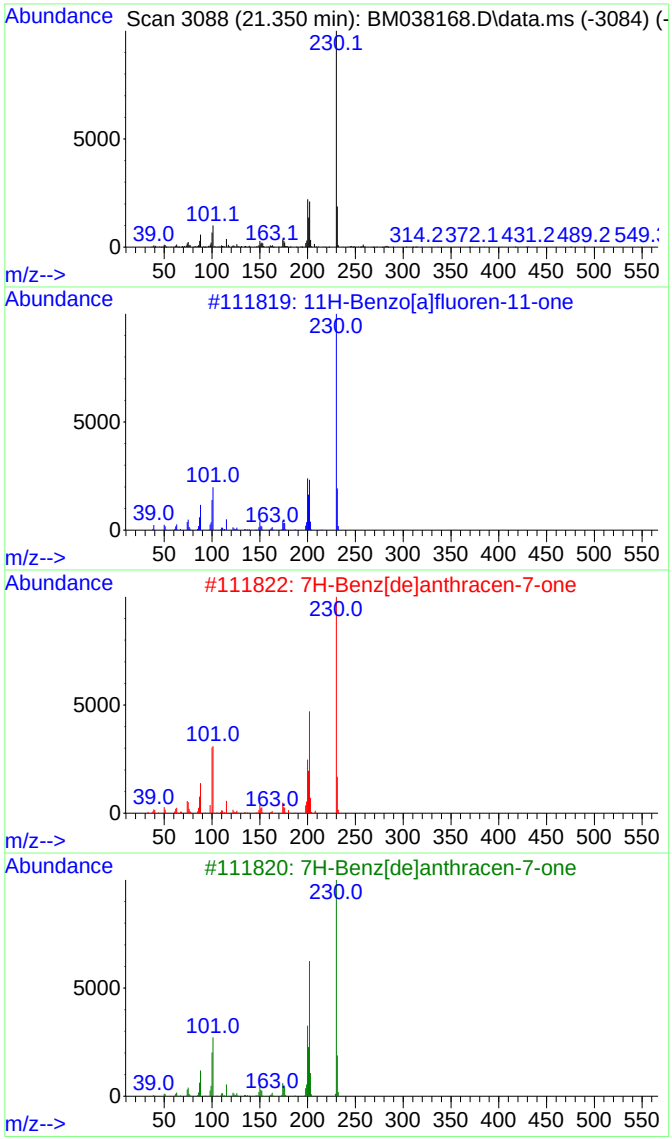
Quant Title : SVOA CALIBRATION

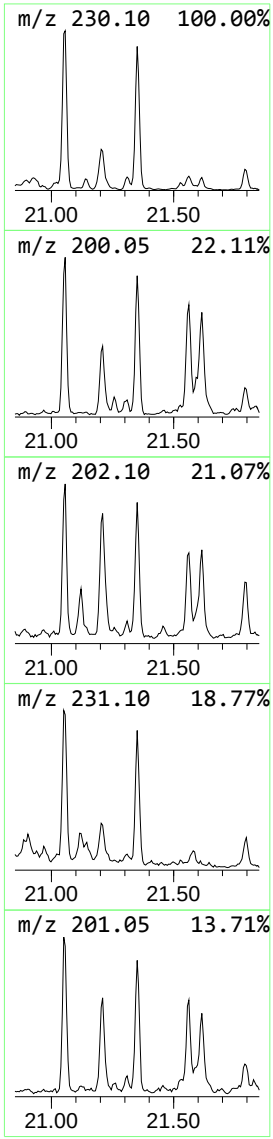
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.350	2.72 ng/ul	663357	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72





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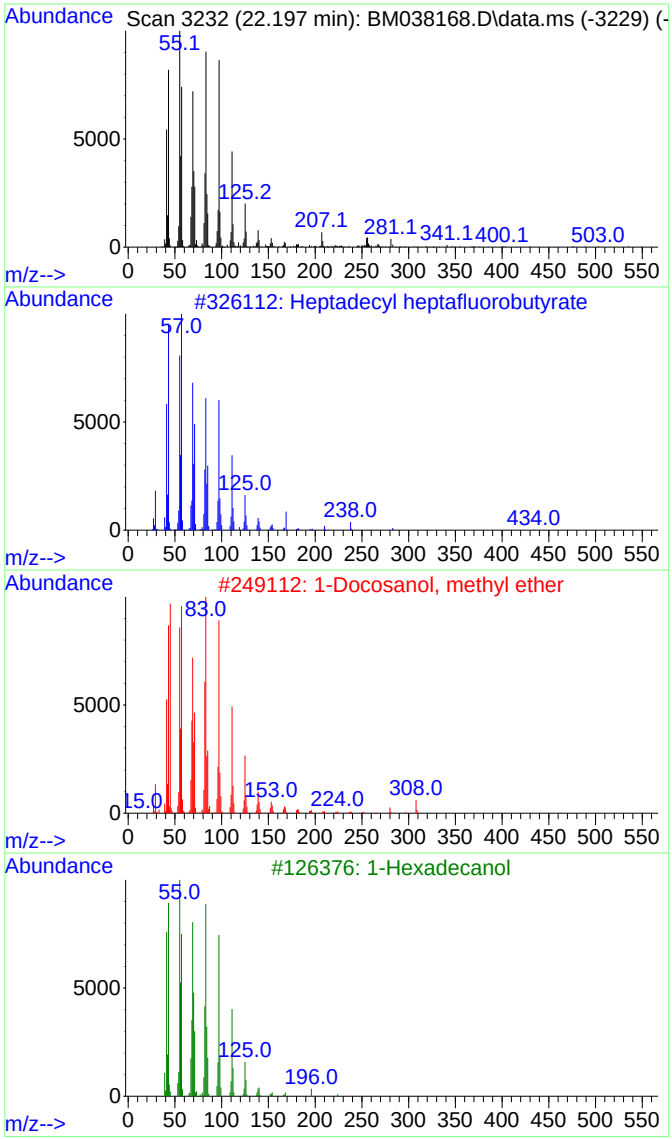
Quant Title : SVOA CALIBRATION

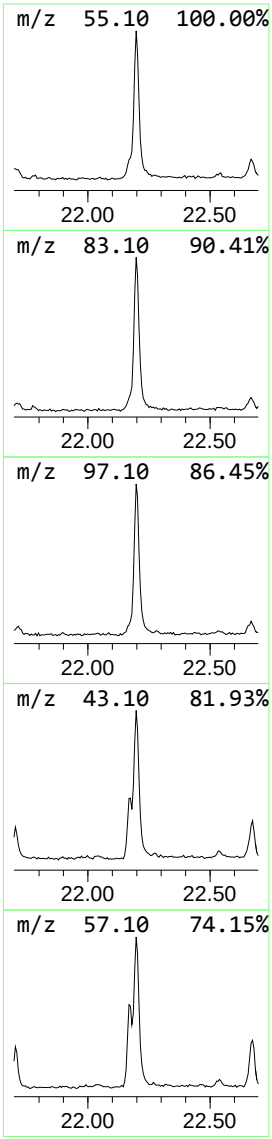
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Heptadecyl heptafluorobutyrate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.197	6.52 ng/ul	1591880	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	86
3	1-Hexadecanol	242	C16H34O	036653-82-4	81
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	70
5	1-Octadecanol	270	C18H38O	000112-92-5	70





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Quant Title : SVOA CALIBRATION

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

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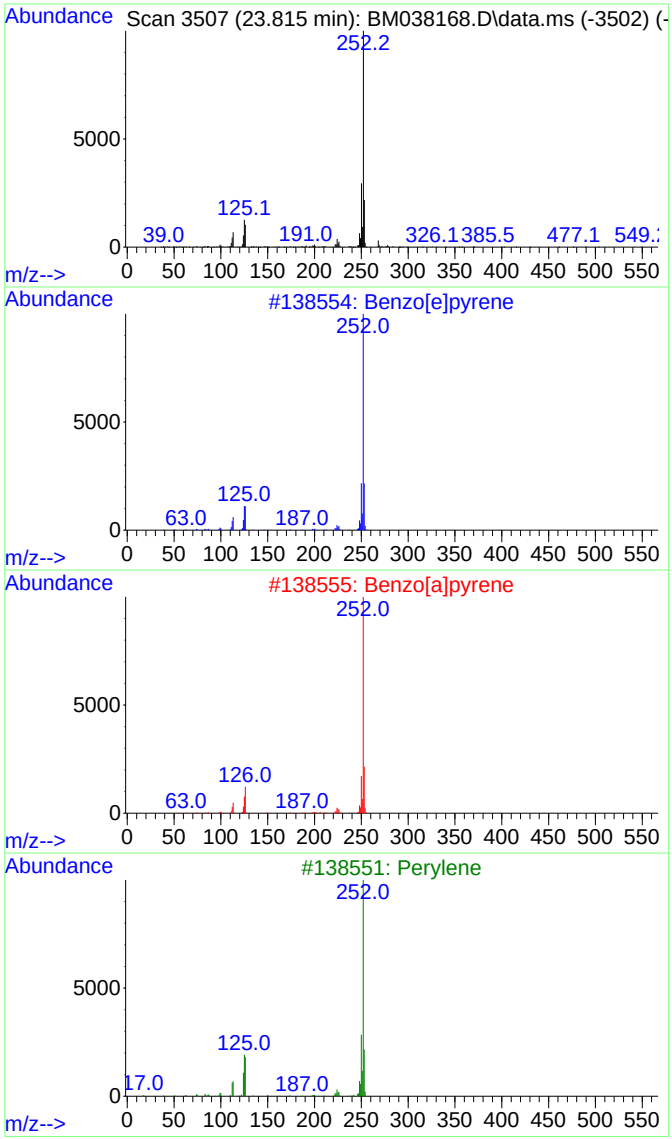
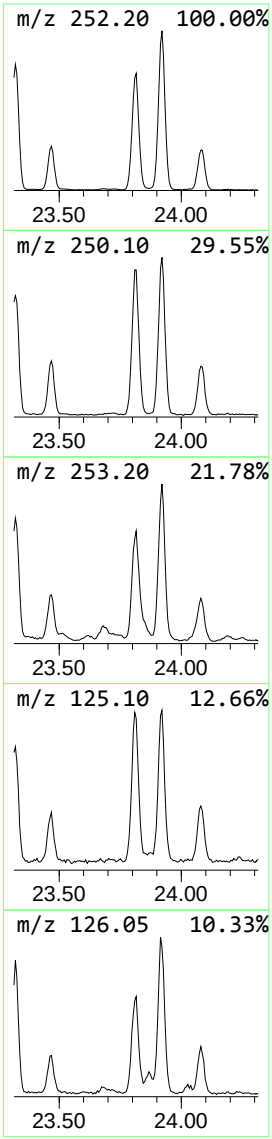
Peak Number 25 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.815	12.22 ng/ul	968293	Perylene-d12	24.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





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Quant Title : SVOA CALIBRATION

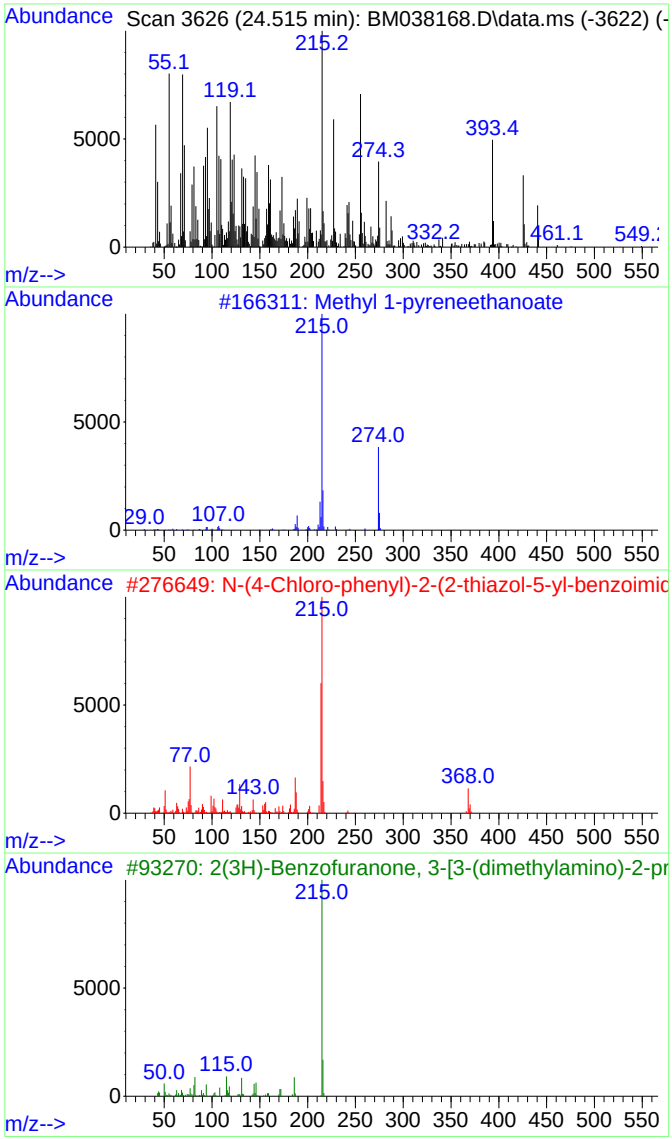
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

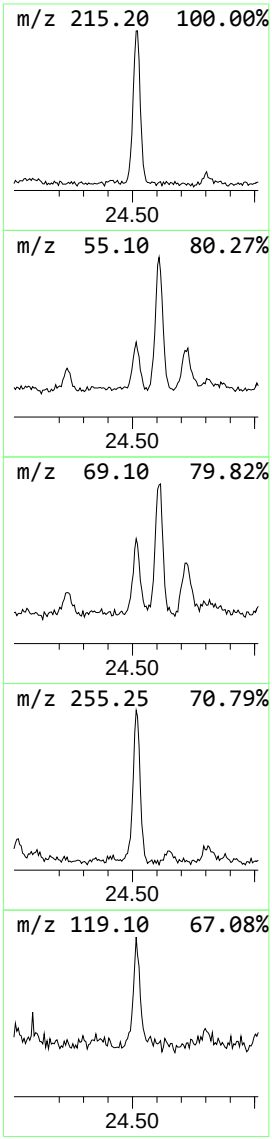
****

Peak Number 26 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.515	9.86 ng/ul	781478	Perylene-d12	24.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 1-pyreneethanoate	274	C19H14O2	073654-19-0	30
2	N-(4-Chloro-phenyl)-2-(2-thiazol...	368	C18H13ClN4OS	1010274-75-8	25
3	2(3H)-Benzofuranone, 3-[3-(dimet...	215	C13H13NO2	056771-83-6	15
4	3-[5-(Pyridin-3-yl)-2-thienyl]pr...	215	C12H9NOS	1000267-23-5	11
5	3-Imidazo[2,1-b][1,3]thiazol-6-y...	215	C11H9N3S	861206-26-0	11





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BNA_M
ClientSampleId :
DBXS6

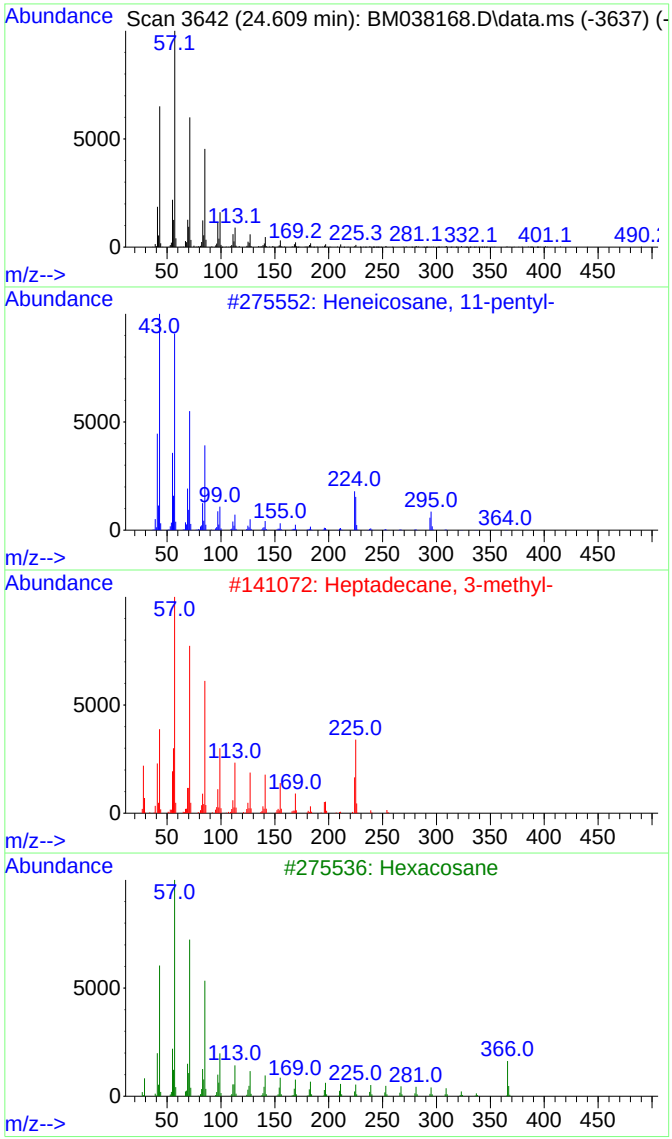
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

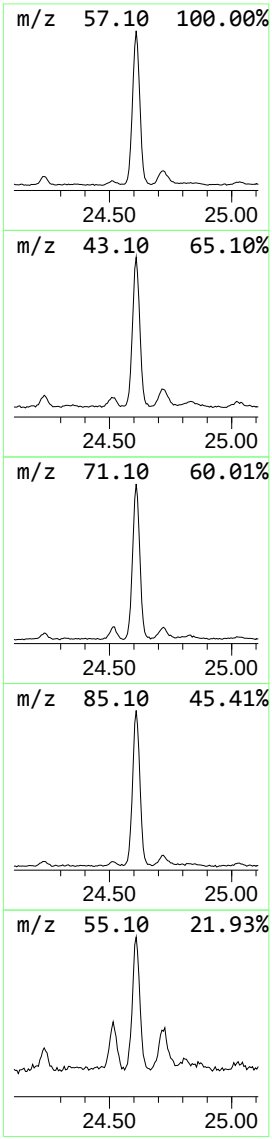
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.609	22.26 ng/ul	1764270	Perylene-d12	24.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	94
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122022\
Data File : BM038168.D
Acq On : 21 Dec 2022 12:46
Operator : CG/JU
Sample : N6014-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXS6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.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
.alpha.-Pinene	6.704	19.4	ng/ul	948198	1	8.039	975322	20.0
1H-Cyclopenta[1...	13.545	3.7	ng/ul	353894	3	14.668	1914730	20.0
Caryophyllene	13.986	19.5	ng/ul	1866820	3	14.668	1914730	20.0
(1S,4aR,8aS)-1-...	14.733	4.5	ng/ul	435758	3	14.668	1914730	20.0
unknown-01	14.933	2.1	ng/ul	200127	3	14.668	1914730	20.0
Benzophenone	16.021	4.0	ng/ul	384600	3	14.668	1914730	20.0
Copaene	16.127	5.0	ng/ul	579858	4	17.409	2344640	20.0
5H-Indeno[1,2-b...	17.809	2.3	ng/ul	274318	4	17.409	2344640	20.0
n-Hexadecanoic ...	18.286	15.1	ng/ul	1773240	4	17.409	2344640	20.0
Phenanthrene, 1...	18.327	3.9	ng/ul	453219	4	17.409	2344640	20.0
4H-Cyclopenta[d...	18.480	3.8	ng/ul	446887	4	17.409	2344640	20.0
9,10-Anthracene...	18.821	2.3	ng/ul	271797	4	17.409	2344640	20.0
Phenanthrene, 2...	19.192	2.5	ng/ul	295168	4	17.409	2344640	20.0
Cyclopenta(def)...	19.339	3.4	ng/ul	394208	4	17.409	2344640	20.0
Octadecanoic acid	19.551	2.6	ng/ul	637617	5	21.580	4880580	20.0
Pyrene, 1-methyl-	20.150	3.2	ng/ul	784450	5	21.580	4880580	20.0
2-Propenoic aci...	20.168	2.6	ng/ul	631947	5	21.580	4880580	20.0
unknown-02	20.309	3.1	ng/ul	745668	5	21.580	4880580	20.0
Pyrene, 2-methyl-	20.468	2.1	ng/ul	518787	5	21.580	4880580	20.0
11H-Benzo[a]flu...	21.056	2.7	ng/ul	657094	5	21.580	4880580	20.0
Cinnamyl cinnamate	21.121	38.7	ng/ul	9442030	5	21.580	4880580	20.0
Pentadecafluoro...	21.262	7.2	ng/ul	1763050	5	21.580	4880580	20.0
7H-Benz[de]anth...	21.350	2.7	ng/ul	663357	5	21.580	4880580	20.0
Heptadecyl hept...	22.197	6.5	ng/ul	1591880	5	21.580	4880580	20.0
Benzo[e]pyrene	23.815	12.2	ng/ul	968293	6	24.027	1585400	20.0
unknown-03	24.515	9.9	ng/ul	781478	6	24.027	1585400	20.0
(DEL) Alkane: S...	24.609	22.3	ng/ul	1764270	6	24.027	1585400	20.0