LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

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-BM120723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.157	667	675	692	rVB3	1319626	3035090	13.99%	1.656%
2	7.334	699	705	714	rBV	925509	1508216	6.95%	0.823%
3	7.528	731	738	746	rVB	1143280	1859213	8.57%	1.014%
4	7.998	809	818	825	rBV	1545828	2462623	11.35%	1.344%
5	8.710	930	939	949	rBV	995850	1652094	7.62%	0.901%
6	8.834	952	960	970	rVV	1646101	2730687	12.59%	1.490%
7	8.957	974	981	994	rVB	285757	564560	2.60%	0.308%
8	9.169	1010	1017	1025	rBV	1183234	1963069	9.05%	1.071%
9	9.893	1128	1140	1154	rBV	883772	1588827	7.32%	0.867%
10	10.092	1157	1174	1179	rBV	691800	2087923	9.63%	1.139%
11	10.251	1195	1201	1207	rVB	399622	640172	2.95%	0.349%
12	10.422	1224	1230	1239	rVB	1362470	2357581	10.87%	1.286%
13	10.804	1286	1295	1300	rBV	2247329	3955532	18.24%	2.158%
14	10.857	1300	1304	1313	rVB	1415724	2255596	10.40%	1.231%
15	10.951	1313	1320	1333	rBV2	390135	838947	3.87%	0.458%
16	11.345	1379	1387	1395	rBV2	278725	493659	2.28%	0.269%
17	11.551	1417	1422	1426	rBV	94895	169047	0.78%	0.092%
18	11.598	1426	1430	1436	rVB	129367	215909	1.00%	0.118%
19	12.175	1520	1528	1533	rBV	90666	167451	0.77%	0.091%
20	12.463	1569	1577	1584	rBV	1908878	2948555	13.59%	1.609%
21	12.675	1603	1613	1622	rVB	934549	1561050	7.20%	0.852%
22	13.469	1741	1748	1754	rBV	772681	1166760	5.38%	0.637%
23	13.663	1775	1781	1793	rVB	270461	522168	2.41%	0.285%
24	13.792	1793	1803	1804	rBV	325797	499839	2.30%	0.273%
25	13.945	1824	1829	1835	rVV	545328	969242	4.47%	0.529%
26	14.004	1835	1839	1841	rVV	335055	474621	2.19%	0.259%
27	14.045	1841	1846	1853	rVB	2449350	3414685	15.74%	1.863%
28	14.186	1859	1870	1873	rBV	234441	365656	1.69%	0.199%
29	14.322	1886	1893	1907	rVB	2856177	4429235	20.42%	2.416%
30	14.627	1934	1945	1950	rBV	3377297	5344980	24.64%	2.916%
31	14.692	1950	1956	1963	rVV	5130219	7792845	35.93%	4.252%
32	14.763	1963	1968	1972	rVV	160360	238698	1.10%	0.130%
33	14.822	1972	1978	1989	rVV	1227266	1977789	9.12%	1.079%
34	14.933	1989	1997	2001	rVV2	181352	342824	1.58%	0.187%
35	14.980	2001	2005	2007	rVV	264603	361166	1.67%	0.197%
36	15.022	2007	2012	2020	rVV	3844330	5669943	26.14%	3.093%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

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-BM120723.MA.M
Title : SVOA CALIBRATION

37	15.098	2020	2025	2036	rVB2	113612	232006	1.07%	0.127%
38	15.239	2041	2049	2053	rBV4	101540	200491	0.92%	0.109%
39	15.292	2053	2058	2064	rVB2	112744	167317	0.77%	0.091%
40	15.410	2070	2078	2081	rBV2	86155	164847	0.76%	0.090%
41	15.616	2104	2113	2118	rVV	3528292	5133534	23.67%	2.801%
42	15.669	2118	2122	2129	rVV	4608960	6743346	31.09%	3.679%
43	15.733	2129	2133	2136	rVV	286857	453020	2.09%	0.247%
44	15.763	2136	2138	2140	rVV	180142	218457	1.01%	0.119%
45	15.792	2140	2143	2146	rVV	273687	410930	1.89%	0.224%
46	15.833	2146	2150	2154	rVV	483420	713632	3.29%	0.389%
47	15.880	2154	2158	2161	rVV2	121121	208334	0.96%	0.114%
48	15.922	2161	2165	2168	rVV	264538	404837	1.87%	0.221%
49	15.963	2168	2172	2180	rVV	644944	907025	4.18%	0.495%
50	16.110	2188	2197	2205	rVV	629819	1315009	6.06%	0.717%
51	16.198	2205	2212	2217	rVB3	129825	287916	1.33%	0.157%
52	16.333	2227	2235	2245	rBV5	143777	345504	1.59%	0.188%
53	16.669	2280	2292	2297	rBV3	339603	791830	3.65%	0.432%
54	16.821	2314	2318	2323	rVB2	131152	218510	1.01%	0.119%
55	16.898	2323	2331	2335	rBV3	146151	356572	1.64%	0.195%
56	17.021	2347	2352	2358	rVB	383260	580300	2.68%	0.317%
57	17.098	2359	2365	2367	rBV	165503	268604	1.24%	0.147%
58	17.186	2374	2380	2387	rVB	1013556	1492656	6.88%	0.814%
59	17.368	2404	2411	2414	rBV	3490794	5333662	24.59%	2.910%
60	17.410	2414	2418	2423	rVV	14826196	21690539	100.00%	11.834%
61	17.468	2423	2428	2431	rVV2	3615028	5647274	26.04%	3.081%
62	17.498	2431	2433	2439	rVV	2695872	3381930	15.59%	1.845%
63	17.768	2470	2479	2492	rBV	1359659	2213403	10.20%	1.208%
64	17.886	2492	2499	2505	rVV3	174017	368712	1.70%	0.201%
65	17.945	2505	2509	2519	rVB3	84998	171436	0.79%	0.094%
66	18.245	2554	2560	2561	rBV	632239	862145	3.97%	0.470%
67	18.263	2561	2563	2565	rVV	651594	816598	3.76%	0.446%
68	18.286	2565	2567	2573	rVV	944935	1271350	5.86%	0.694%
69	18.368	2574	2581	2586	rVB	267127	410119	1.89%	0.224%
70	18.433	2586	2592	2597	rBV2	1403399	2374116	10.95%	1.295%
71	18.468	2597	2598	2607	rVB	354455	359819	1.66%	0.196%
72	18.739	2640	2644	2648	rVV	515372	687689	3.17%	0.375%
73	18.780	2648	2651	2657	rVV2	205925	325924	1.50%	0.178%
74	18.839	2657	2661	2672	rVB2	377159	539975	2.49%	0.295%
75	18.980	2681	2685	2689	rBV2	161111	209177	0.96%	0.114%
76	19.062	2696	2699	2703	rVB	347921	410322	1.89%	0.224%

LSC Area Percent Report

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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCLH0

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-BM120723.MA.M
Title : SVOA CALIBRATION

77	19.104	2703	2706	2710	rBV	204278	262715	1.21%	0.143%
78	19.151	2710	2714	2718	rBV	114053	184377	0.85%	0.101%
79	19.221	2718	2726	2728	rBV6	179219	333597	1.54%	0.182%
80	19.292	2734	2738	2754	rVV6	306643	1202863	5.55%	0.656%
81	19.415	2754	2759	2764	rVB	8065360	10684289	49.26%	5.829%
82	19.474	2764	2769	2773	rVB	1737421	2092427	9.65%	1.142%
83	19.533	2777	2779	2787	rVB	170595	251687	1.16%	0.137%
84	19.657	2797	2800	2804	rVB	171918	206413	0.95%	0.113%
85	19.751	2810	2816	2818	rBV2	4849717	7025733	32.39%	3.833%
86	19.780	2818	2821	2828	rVB	5076075	6492282	29.93%	3.542%
87	19.845	2829	2832	2837	rBV	152644	194245	0.90%	0.106%
88	19.957	2847	2851	2855	rVB	198832	264631	1.22%	0.144%
89	20.233	2893	2898	2900	rBV5	113504	210480	0.97%	0.115%
90	20.268	2900	2904	2908	rVB	440009	599937	2.77%	0.327%
91	20.368	2917	2921	2925	rBV2	419970	544856	2.51%	0.297%
92	20.427	2926	2931	2935	rVV2	155242	280904	1.30%	0.153%
93	20.621	2958	2964	2968	rBV3	199902	390572	1.80%	0.213%
94	20.668	2968	2972	2977	rVB4	237076	326013	1.50%	0.178%
95	21.221	3062	3066	3068	rBV	247565	300347	1.38%	0.164%
96	21.251	3068	3071	3077	rVB3	838777	1136210	5.24%	0.620%
97	21.533	3112	3119	3123	rBV2	3553398	5671703	26.15%	3.094%
98	21.574	3123	3126	3134	rVB	761141	1030535	4.75%	0.562%
99	23.797	3498	3504	3510	rVB2	1691411	3063740	14.12%	1.671%
100	23.956	3525	3531	3539	rVB	1651980	3228030	14.88%	1.761%

Sum of corrected areas: 183293705

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
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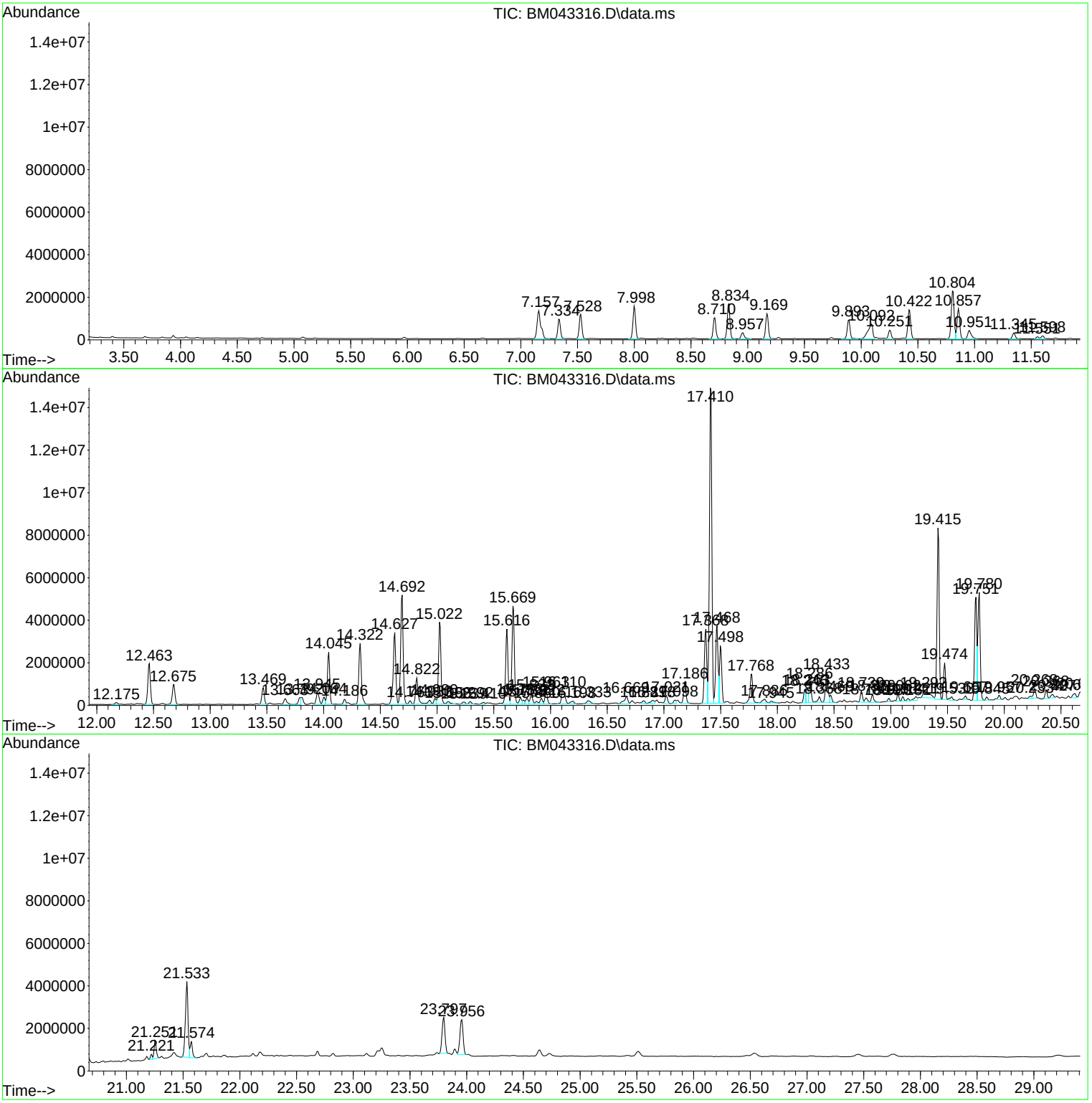
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

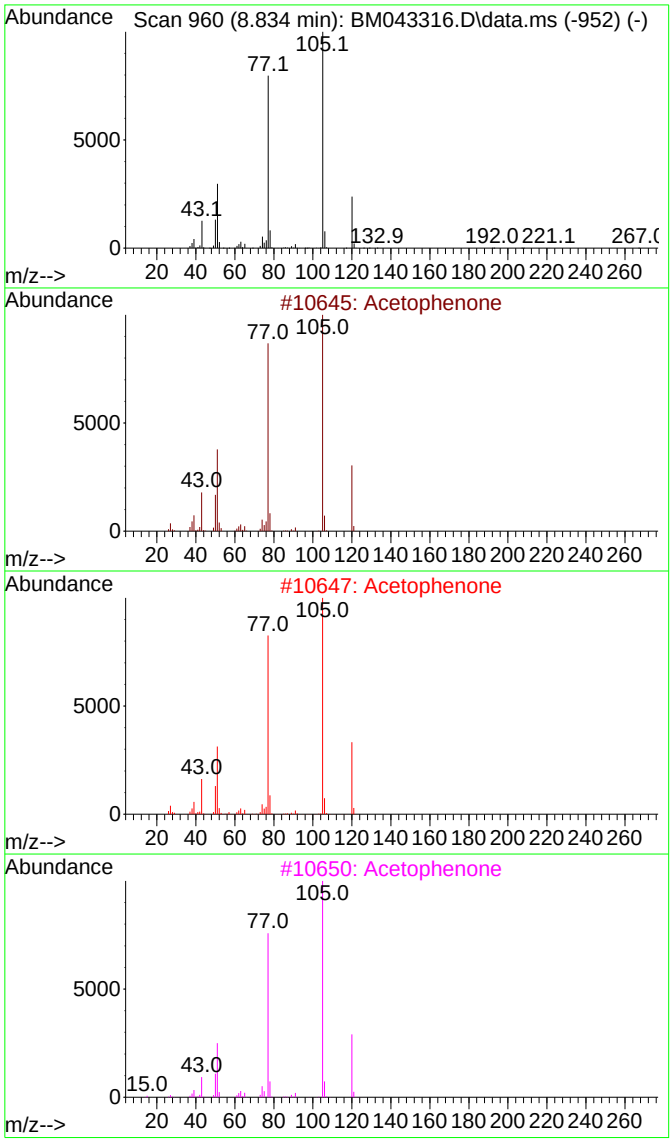
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

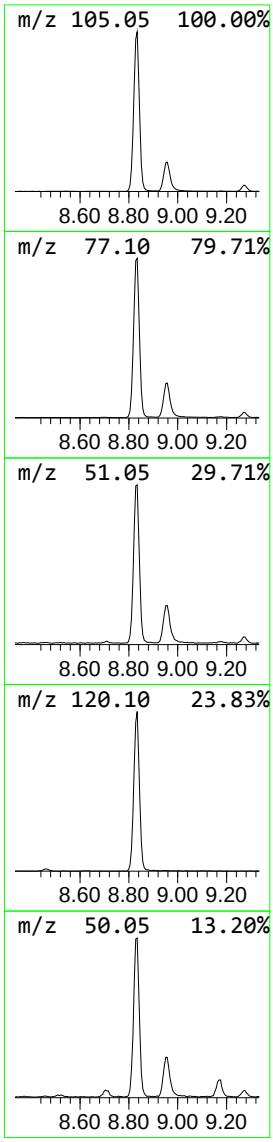
****

Peak Number 1 Aceto phenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.834	22.18 ng/ul	2730690	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetophenone	120	C8H8O	000098-86-2	97
2	Acetophenone	120	C8H8O	000098-86-2	95
3	Acetophenone	120	C8H8O	000098-86-2	95
4	Acetophenone	120	C8H8O	000098-86-2	94
5	Acetophenone	120	C8H8O	000098-86-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

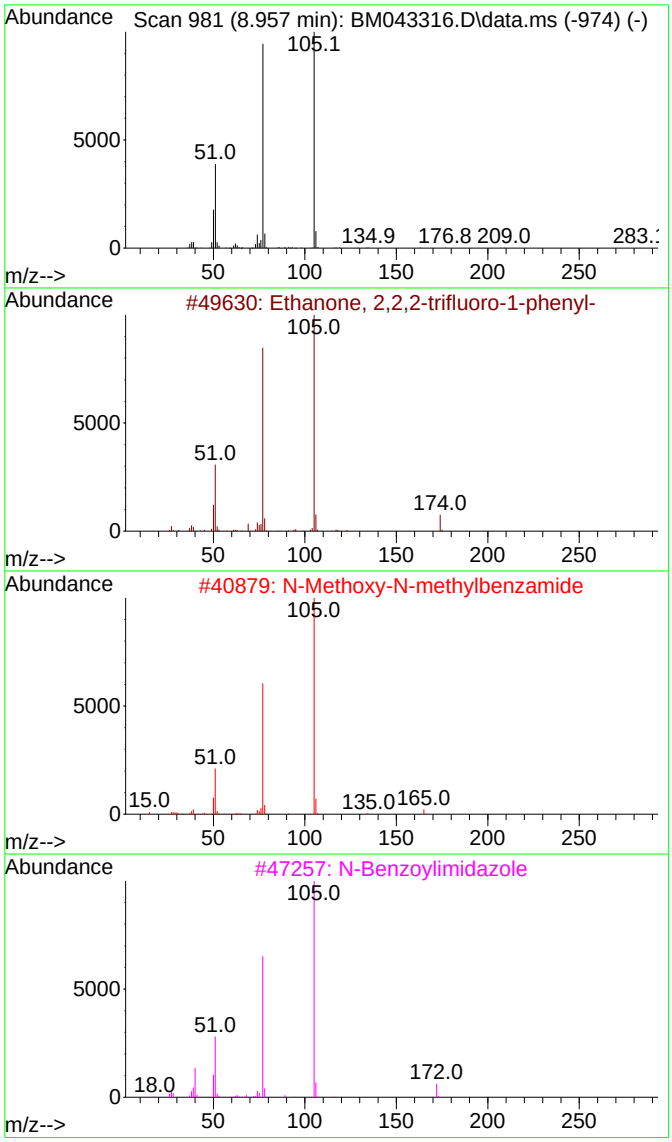
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

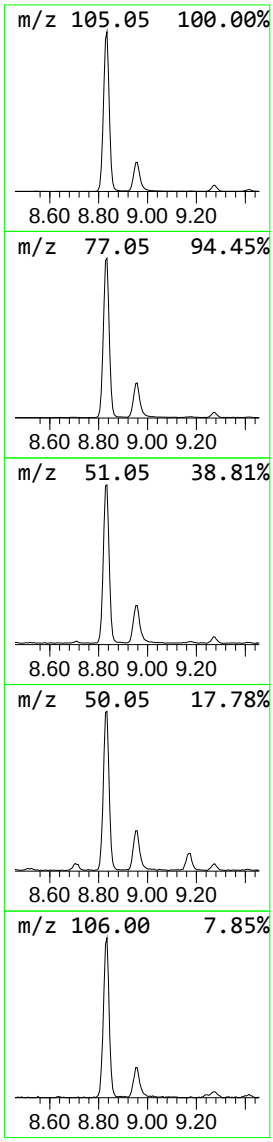
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanone, 2,2,2-trifluoro-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.957	4.59 ng/ul	564560	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	90
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	83
3	N-Benzoylimidazole	172	C10H8N2O	010364-94-0	83
4	Benzamide, N-(2-chloroacetyl)-	197	C9H8ClNO2	1000303-20-8	83
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

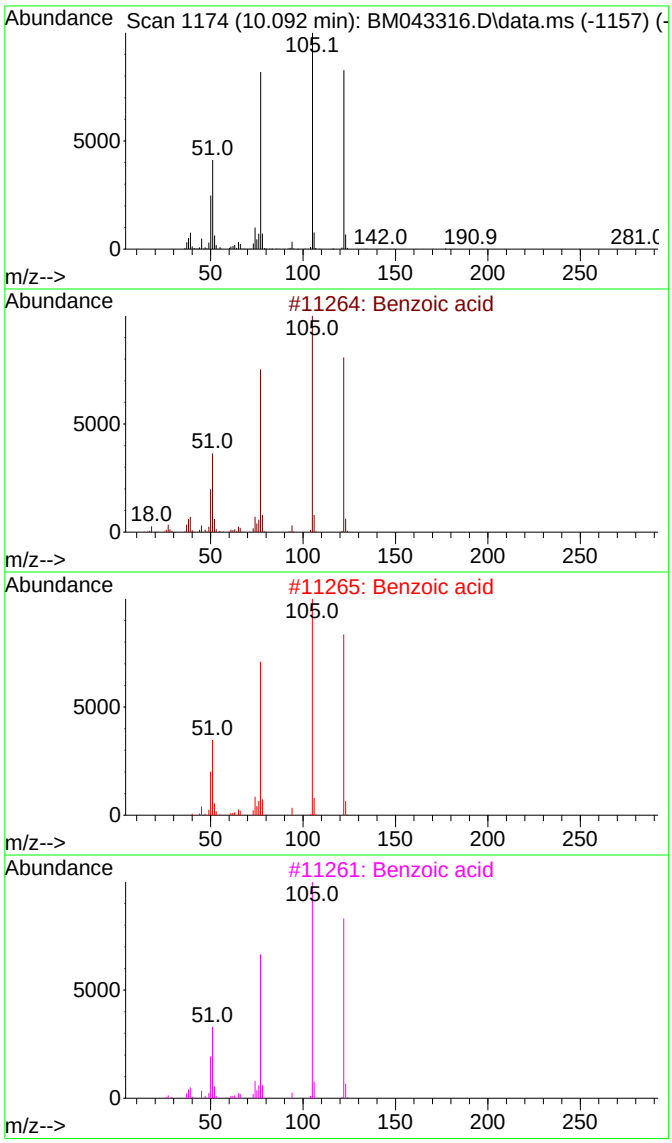
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

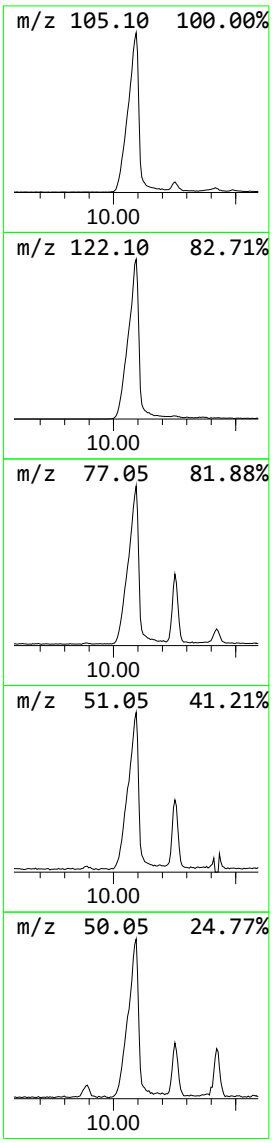
****

Peak Number 3 Benzoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.092	10.56 ng/ul	2087920	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid	122	C7H6O2	000065-85-0	97
2	Benzoic acid	122	C7H6O2	000065-85-0	96
3	Benzoic acid	122	C7H6O2	000065-85-0	94
4	Benzoic acid	122	C7H6O2	000065-85-0	91
5	Cyclobutane-1,1-dicarboxamide, N...	382	C20H18N2O6	1000253-25-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

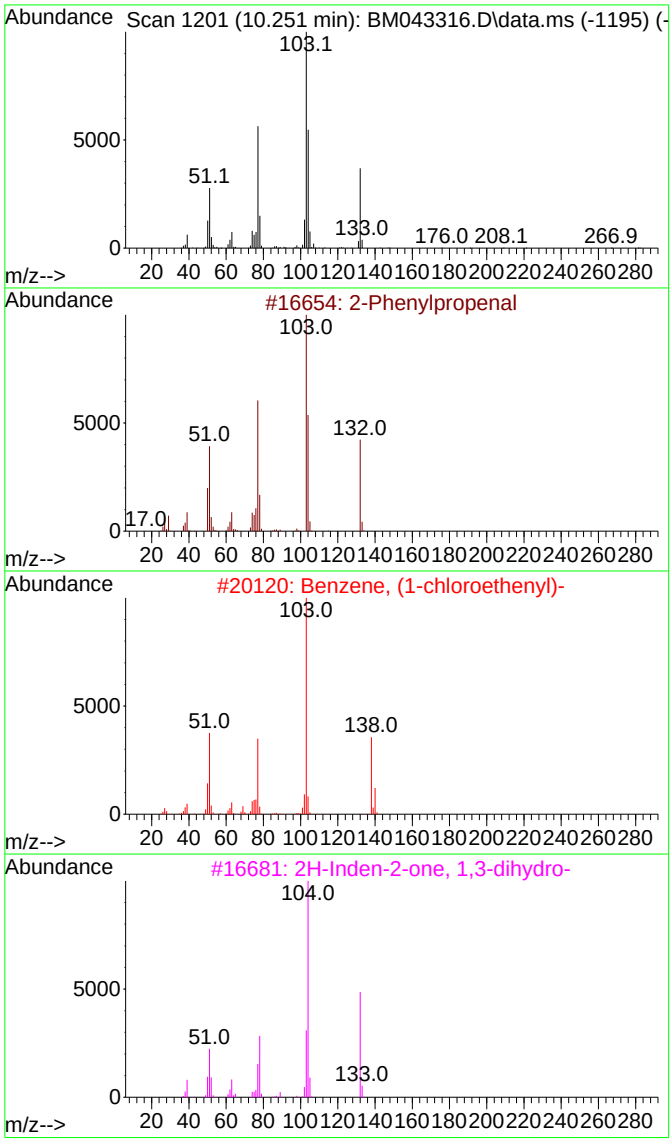
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

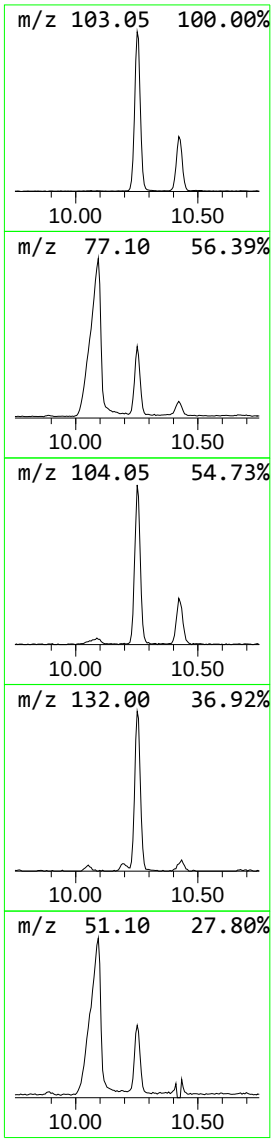
****

Peak Number 4 2-Phenylpropenal Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	3.24 ng/ul	640172	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylpropenal	132	C9H8O	004432-63-7	95
2	Benzene, (1-chloroethenyl)-	138	C8H7Cl	000618-34-8	47
3	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	38
4	Azetidine, 2-methyl-1-phenyl-	147	C10H13N	055702-57-3	38
5	3-Buten-2-one, 3-phenyl-	146	C10H10O	032123-84-5	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

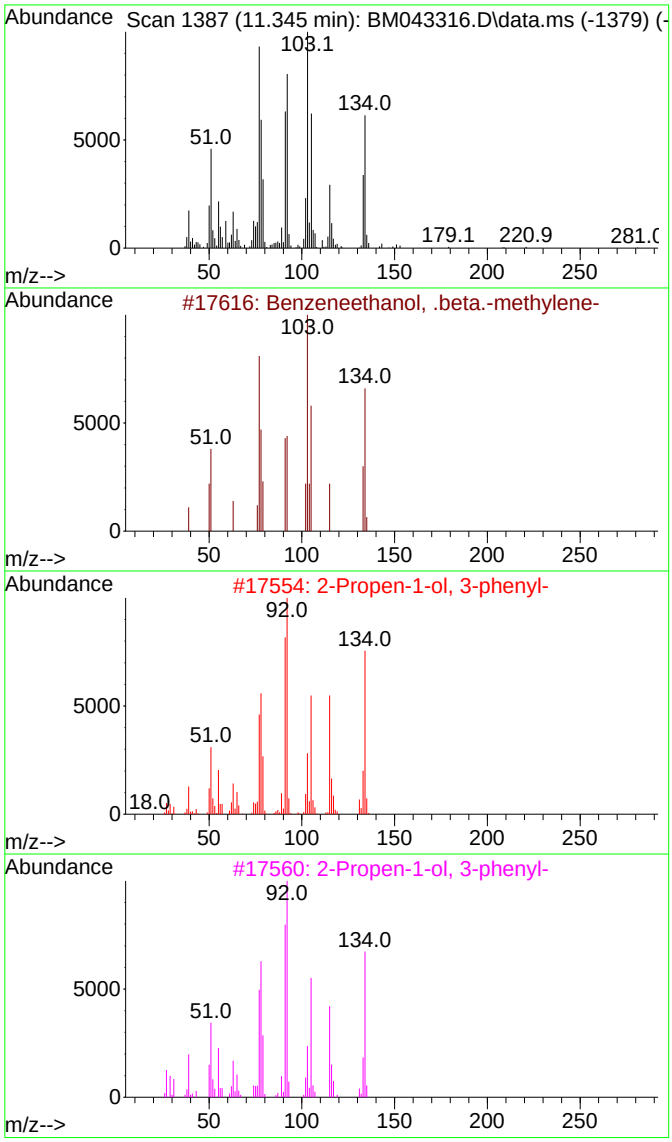
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

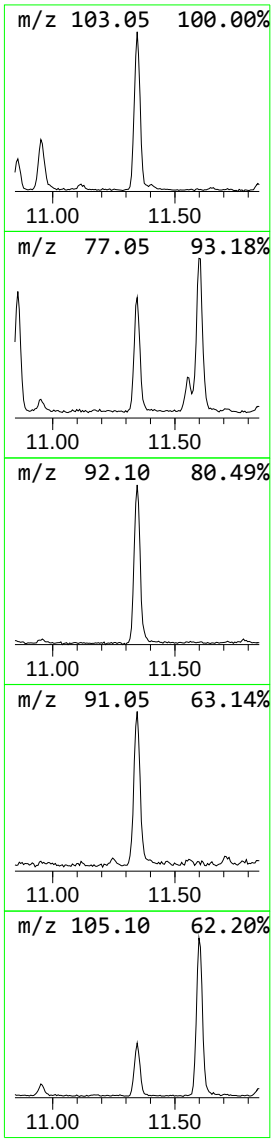
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzeneethanol, .beta.-meth... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	2.50 ng/ul	493659	Naphthalene-d8	10.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .beta.-methylene-	134	C9H10O	006006-81-1	93
2	2-Propen-1-ol, 3-phenyl-	134	C9H10O	000104-54-1	64
3	2-Propen-1-ol, 3-phenyl-	134	C9H10O	000104-54-1	64
4	2-Propen-1-ol, 3-phenyl-, (E)-	134	C9H10O	004407-36-7	53
5	2-Propen-1-ol, 3-phenyl-	134	C9H10O	000104-54-1	46





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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCLH0

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Quant Title : SVOA CALIBRATION

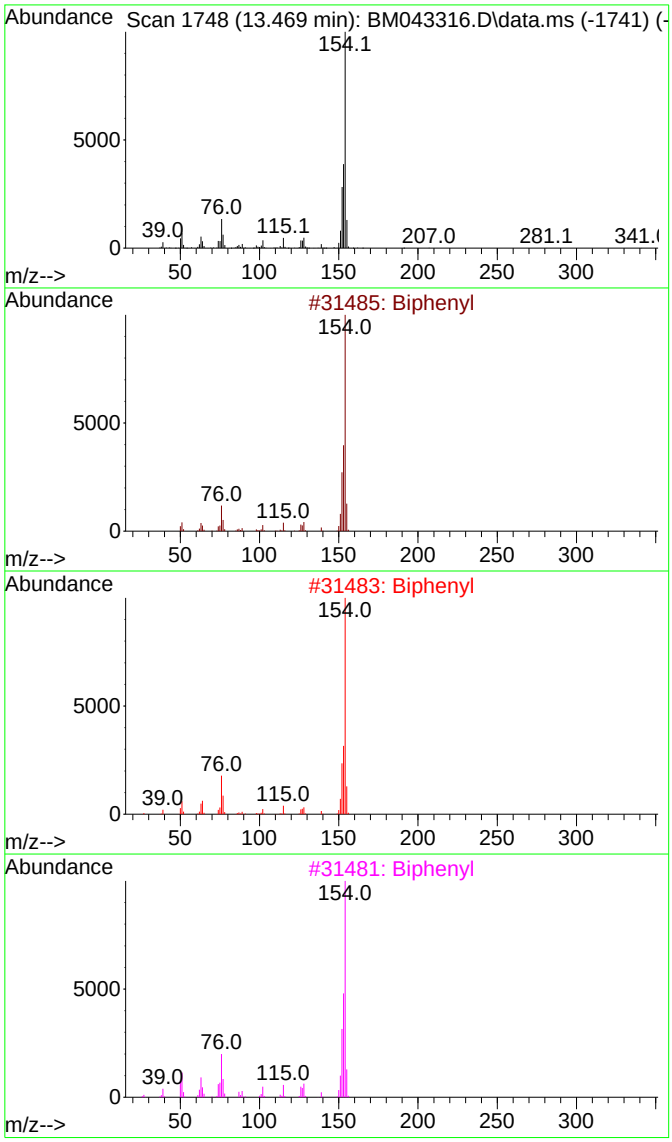
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

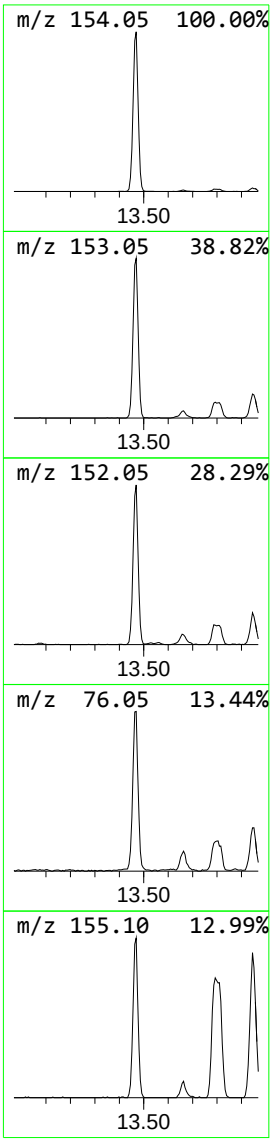
****

Peak Number 6 Biphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	4.37 ng/ul	1166760	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	94
3	Biphenyl	154	C12H10	000092-52-4	93
4	Biphenyl	154	C12H10	000092-52-4	93
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87





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Instrument :
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ClientSampleId :
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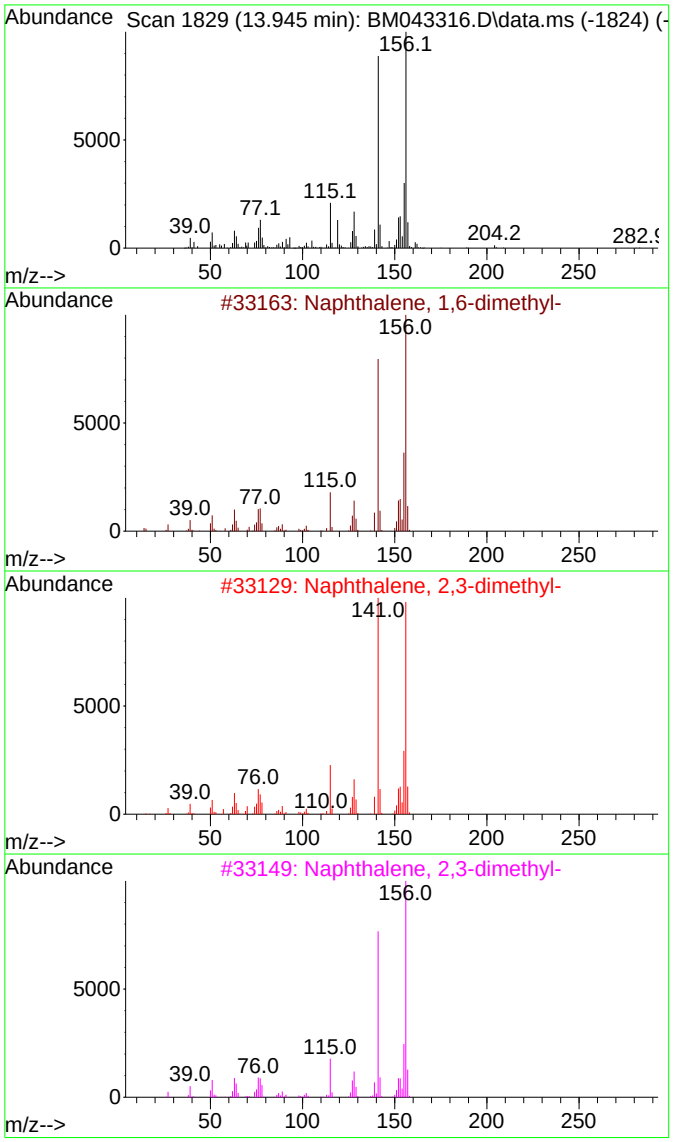
Quant Title : SVOA CALIBRATION

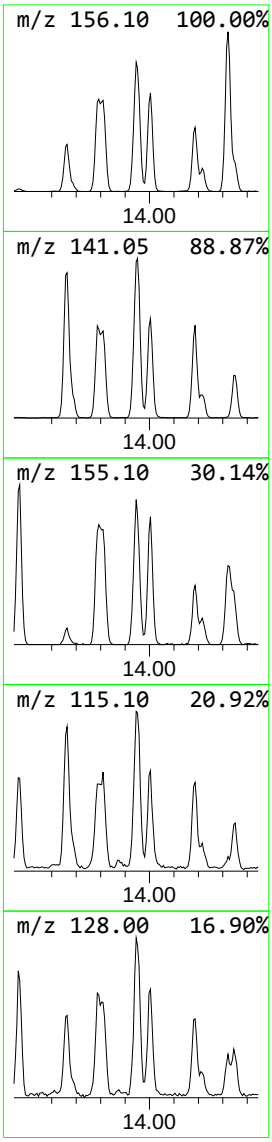
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.945	3.63 ng/ul	969242	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

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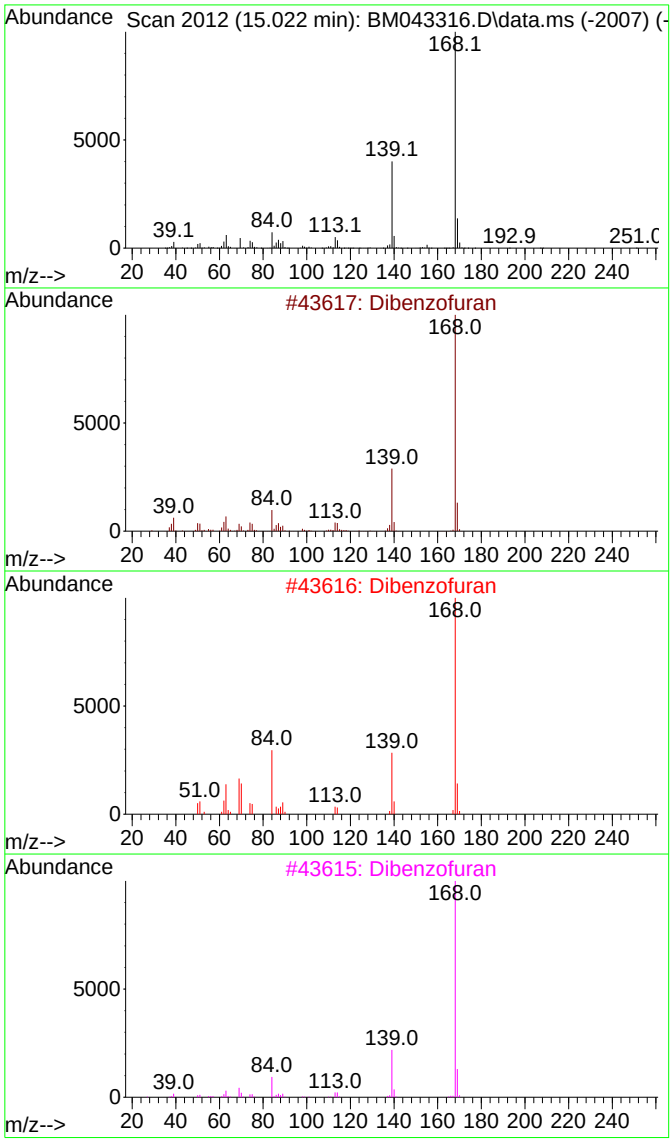
Quant Title : SVOA CALIBRATION

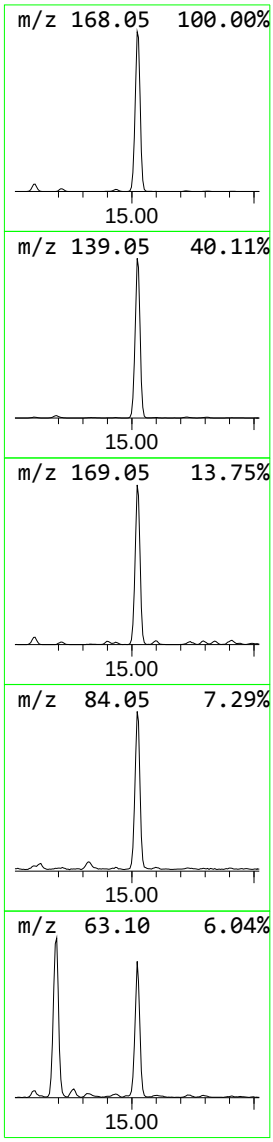
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Dibenzo furan Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.022	21.22 ng/ul	5669940	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	86
3	Dibenzofuran	168	C12H8O	000132-64-9	59
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	58
5	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	56





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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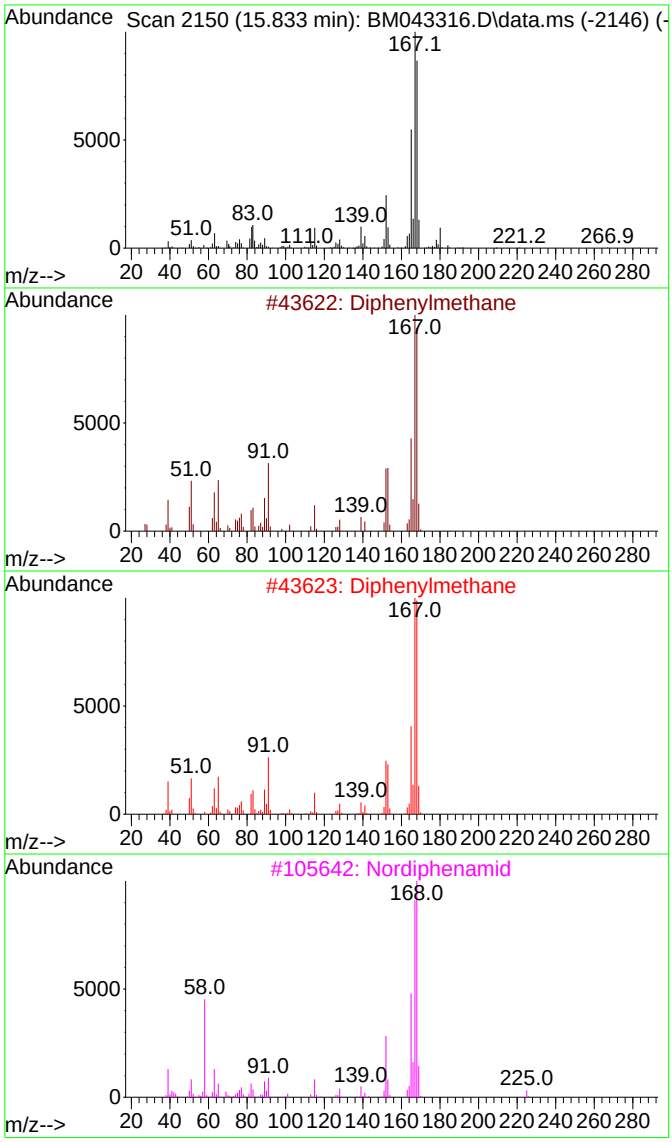
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

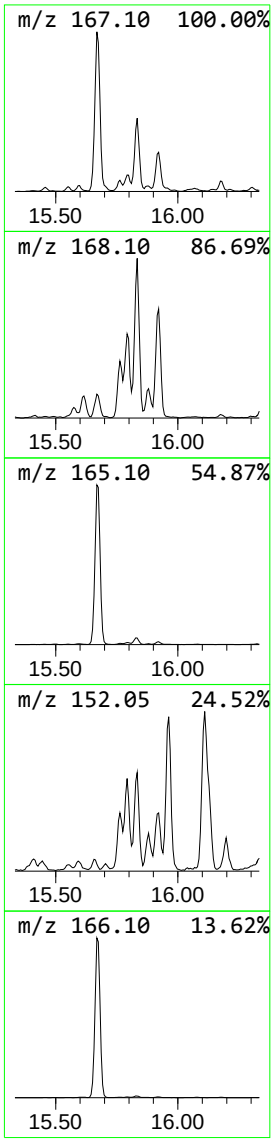
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Diphenylmethane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.833	2.67 ng/ul	713632	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	89
2	Diphenylmethane	168	C13H12	000101-81-5	89
3	Nordiphenamid	225	C15H15NO	000954-21-2	86
4	Nordiphenamid	225	C15H15NO	000954-21-2	64
5	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	62





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Instrument :
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ClientSampleId :
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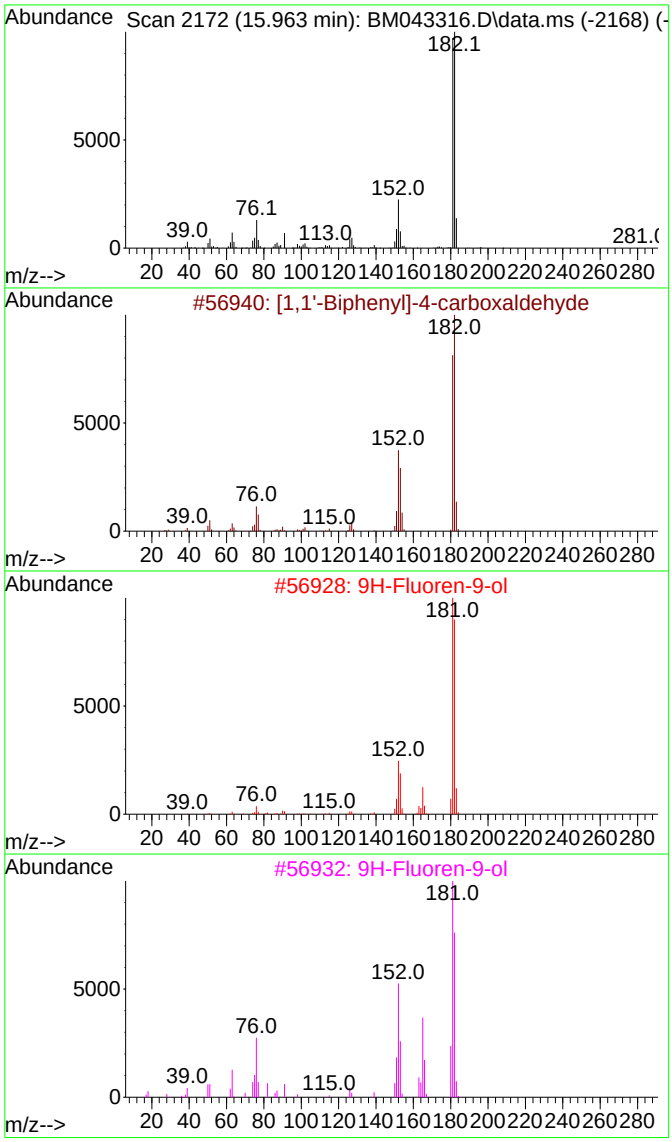
Quant Title : SVOA CALIBRATION

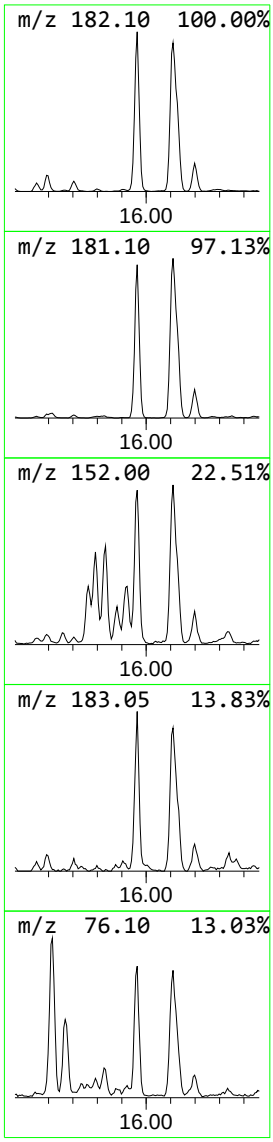
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	3.39 ng/ul	907025	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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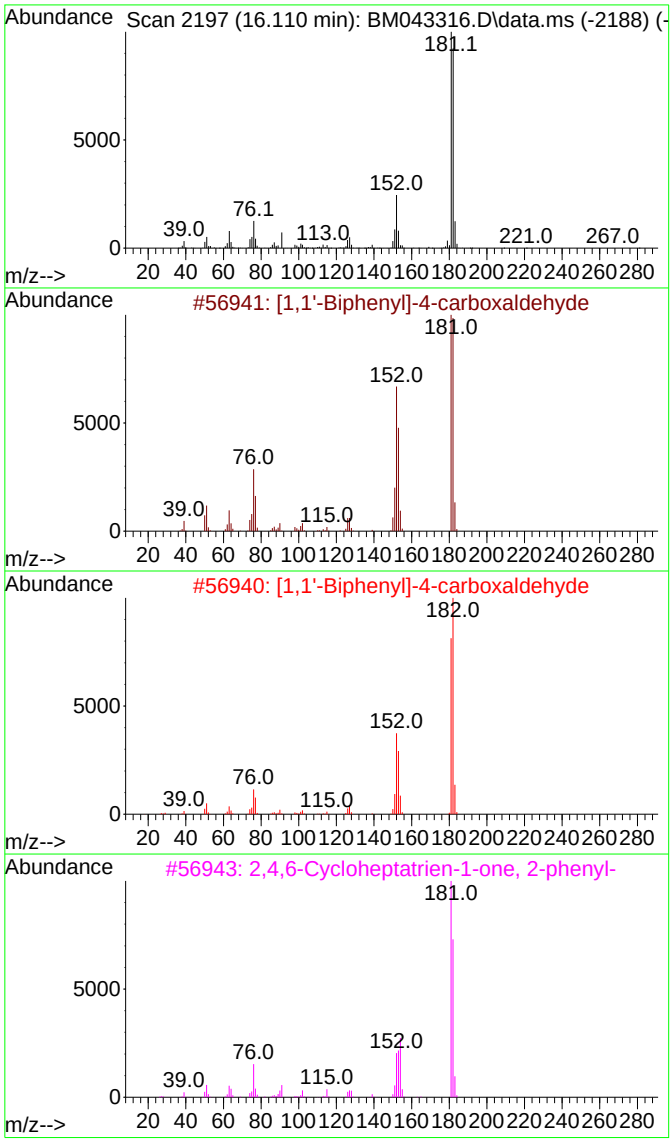
Quant Title : SVOA CALIBRATION

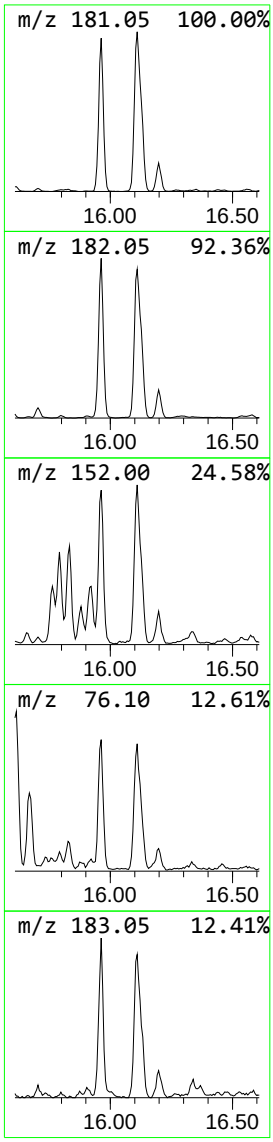
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 2,4,6-Cycloheptatrien-1-one... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	4.93 ng/ul	1315010	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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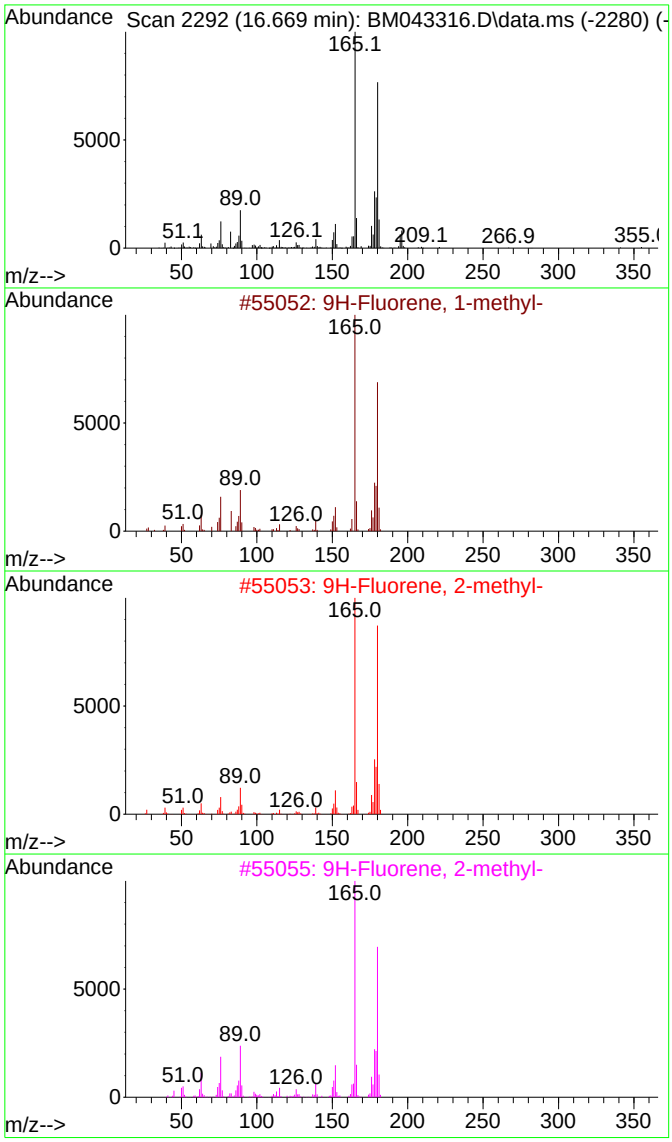
Quant Title : SVOA CALIBRATION

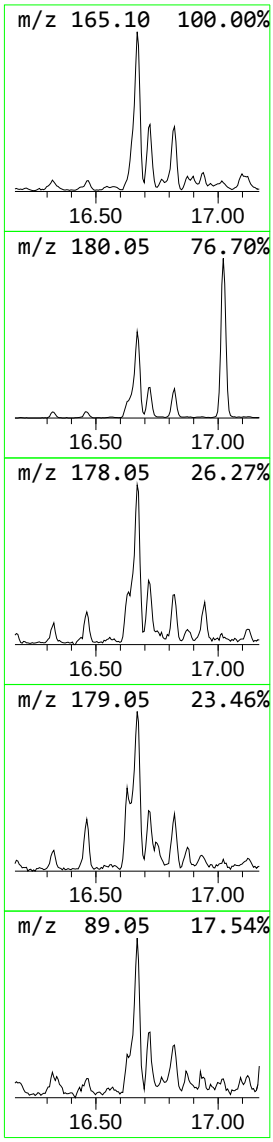
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	2.97 ng/ul	791830	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93





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Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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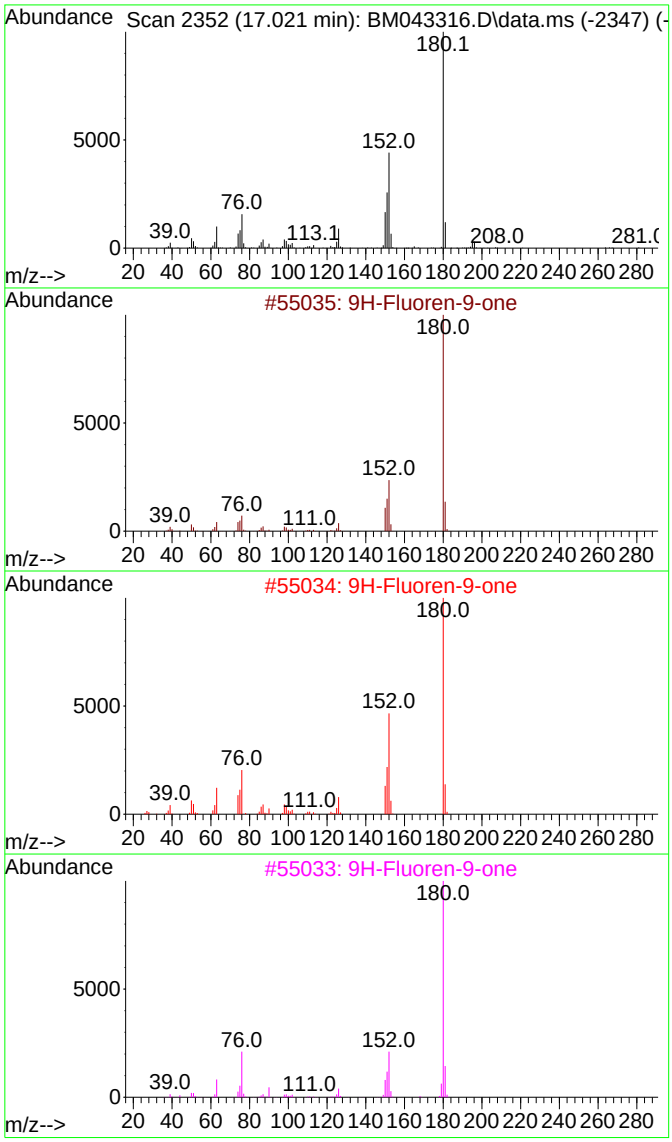
Quant Title : SVOA CALIBRATION

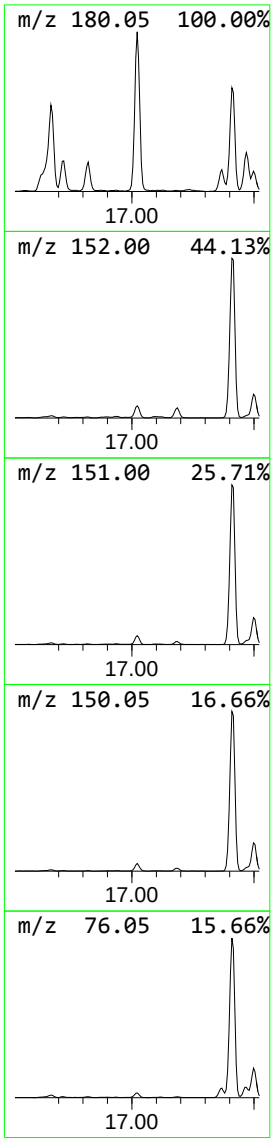
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluoren-9-one Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.022	2.18 ng/ul	580300	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5	Diphenic anhydride	224	C14H8O3	006050-13-1	91





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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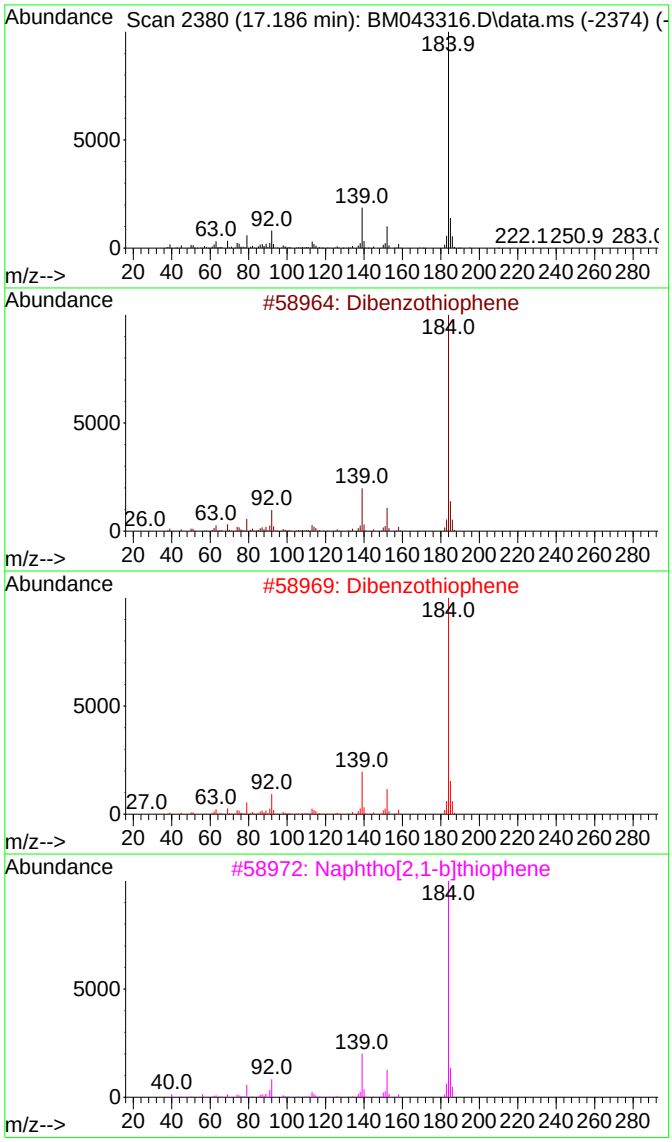
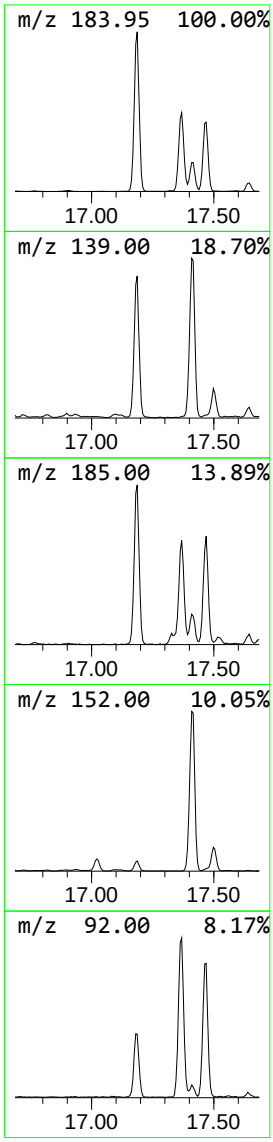
Peak Number 14 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	5.60 ng/ul	1492660	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97





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Quant Title : SVOA CALIBRATION

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

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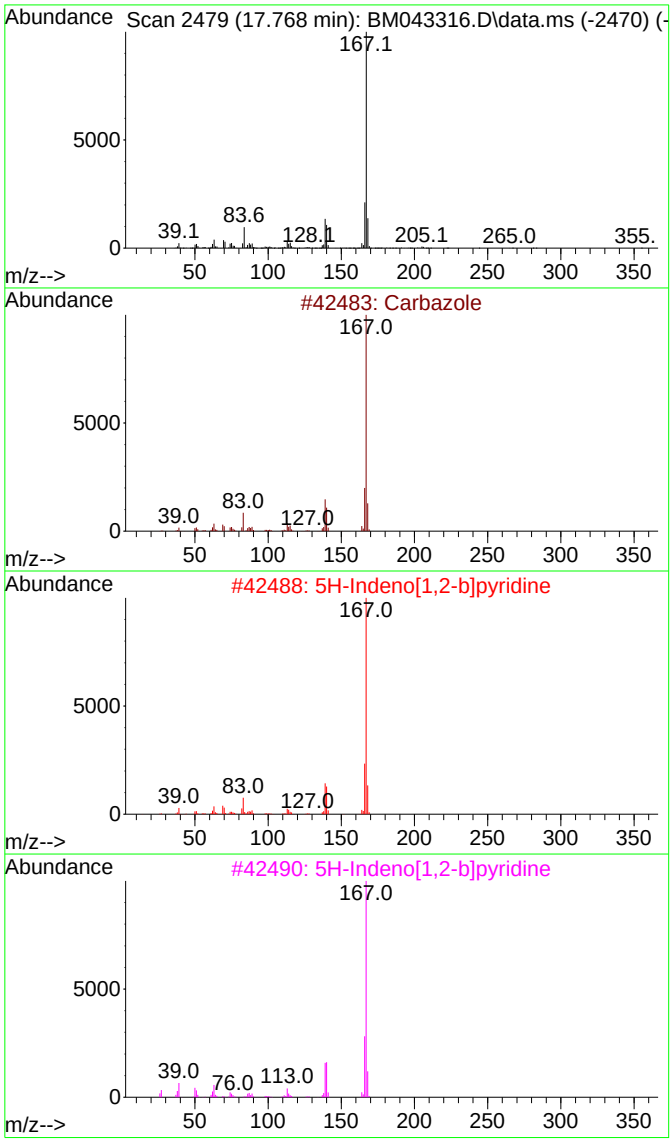
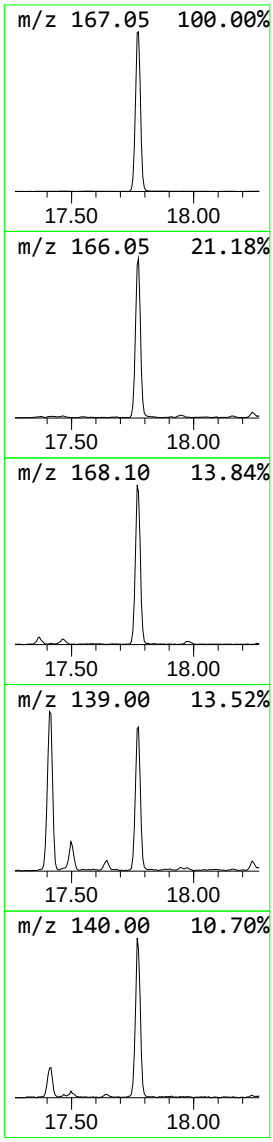
Peak Number 15 Carba zole Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	8.30 ng/ul	2213400	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	96
2	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87





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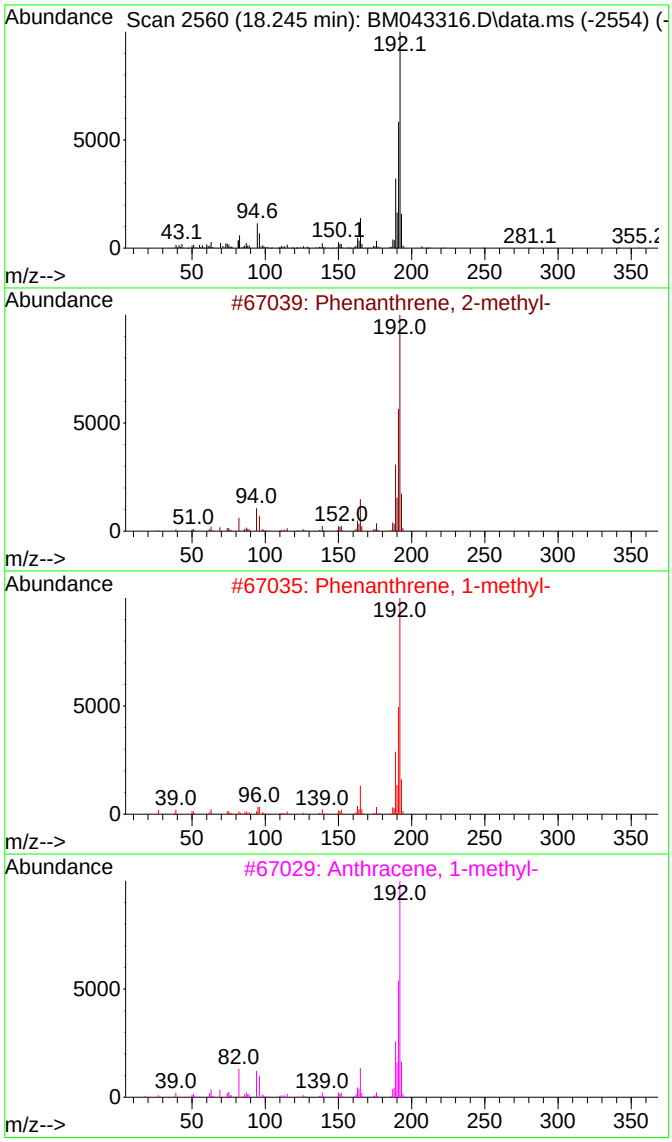
Quant Title : SVOA CALIBRATION

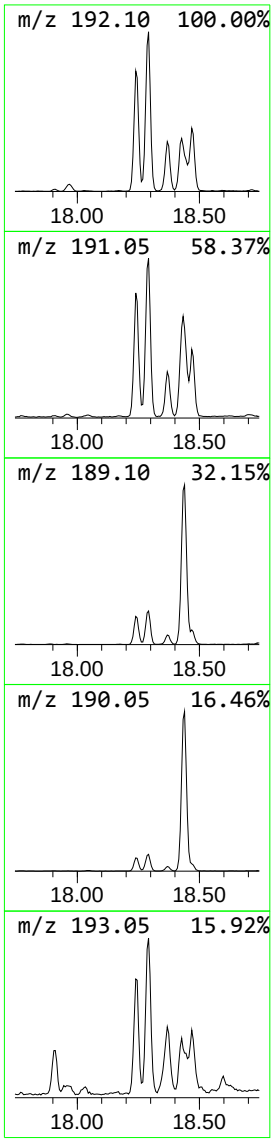
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	3.23 ng/ul	862145	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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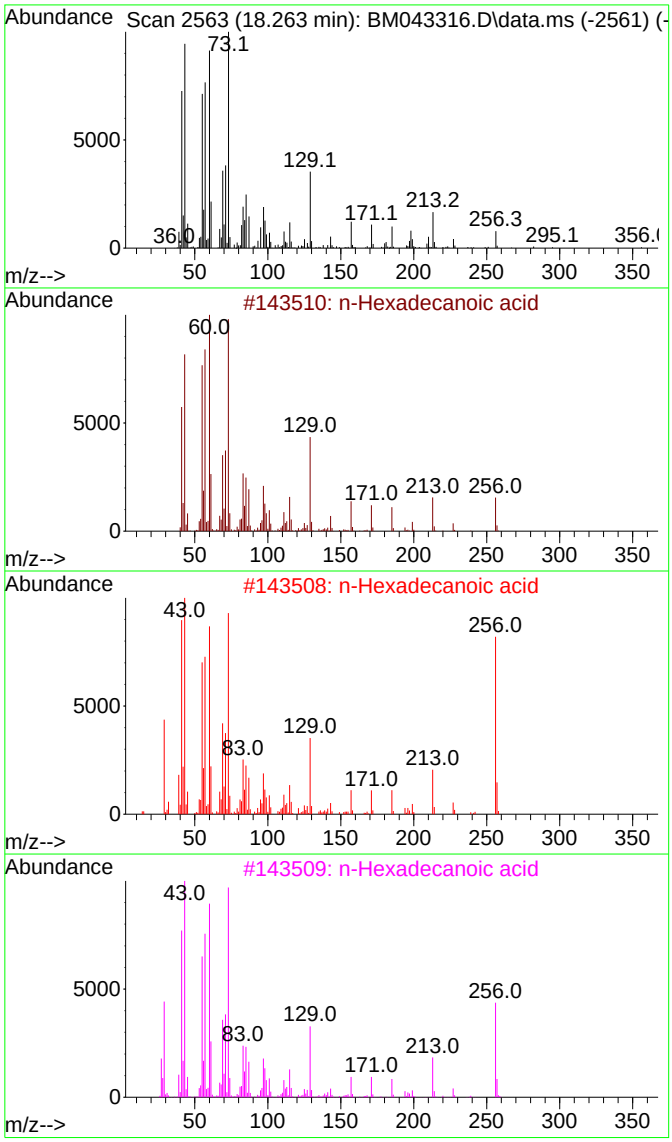
Quant Title : SVOA CALIBRATION

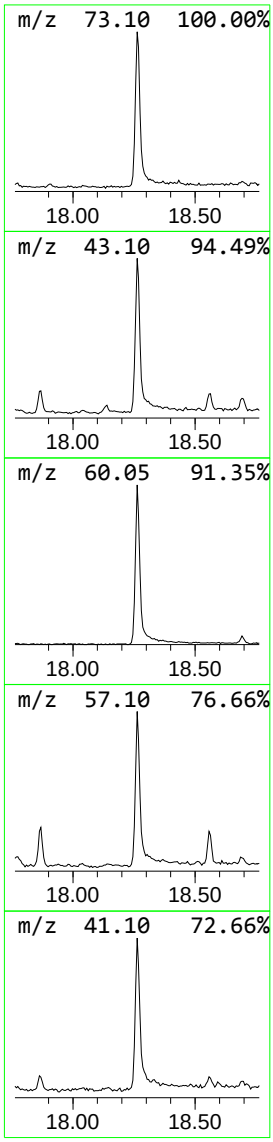
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	3.06 ng/ul	816598	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

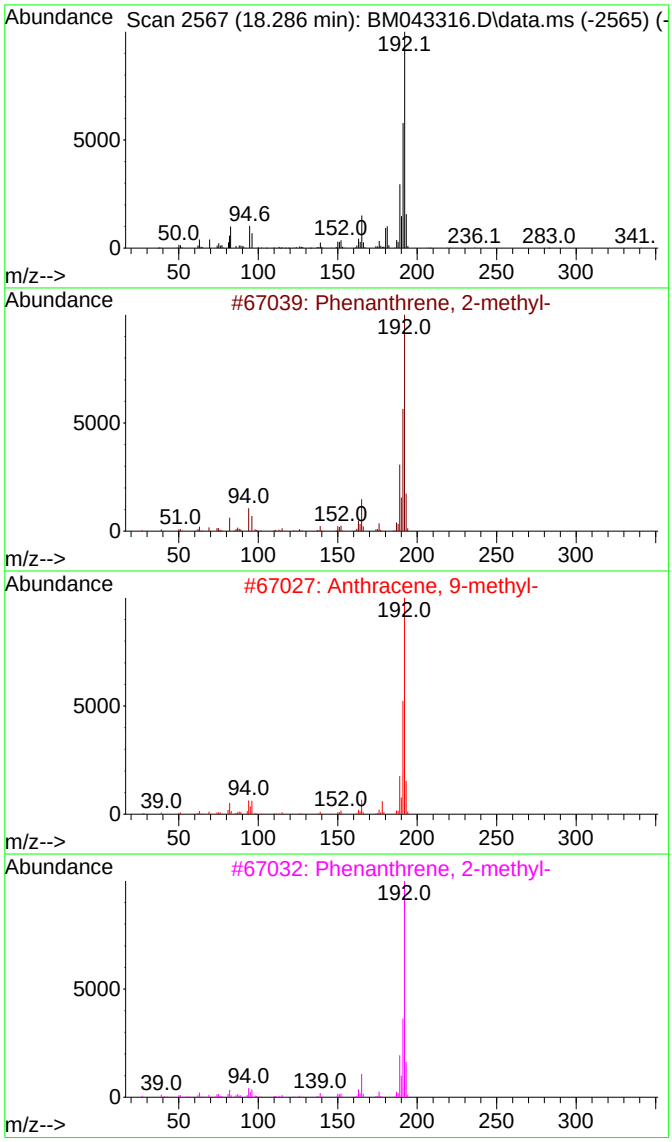
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

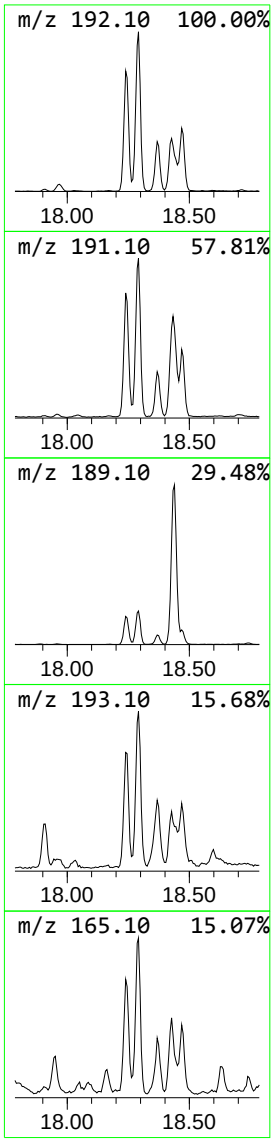
****

Peak Number 18 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	4.77 ng/ul	1271350	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

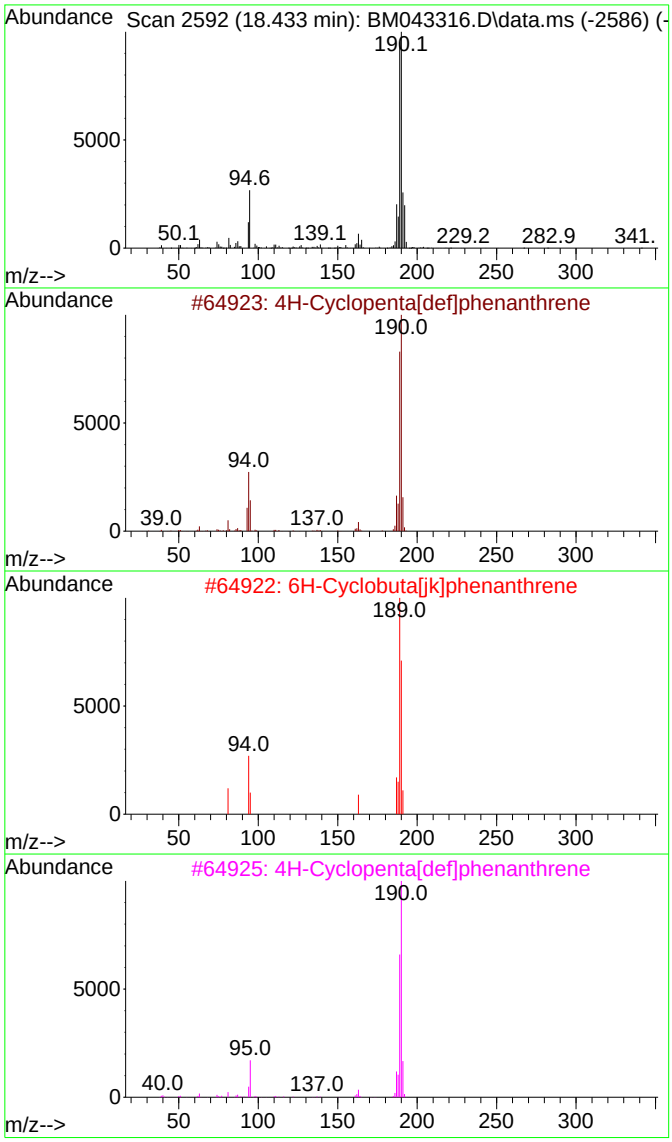
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

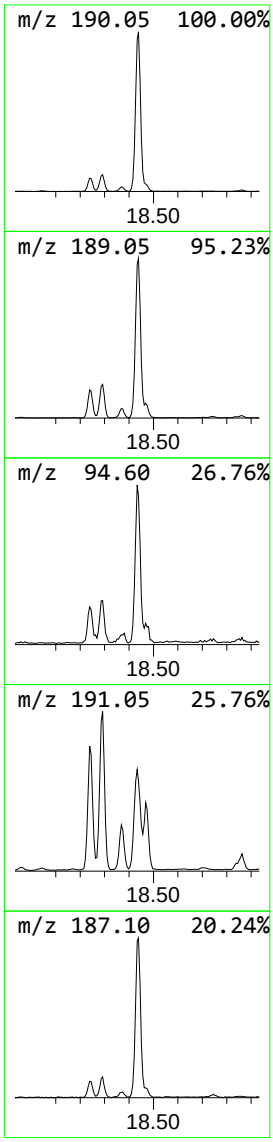
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	8.90 ng/ul	2374120	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47





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Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

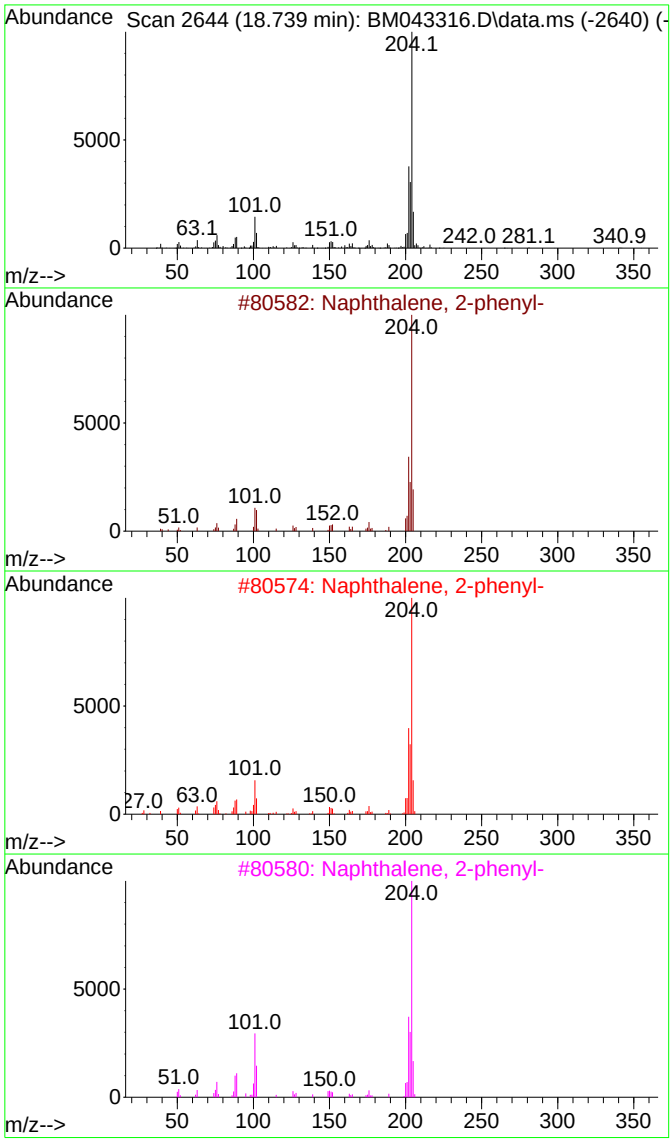
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

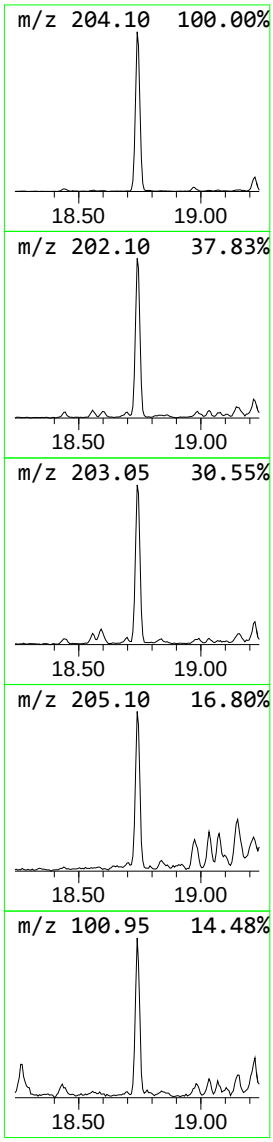
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	2.58 ng/ul	687689	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

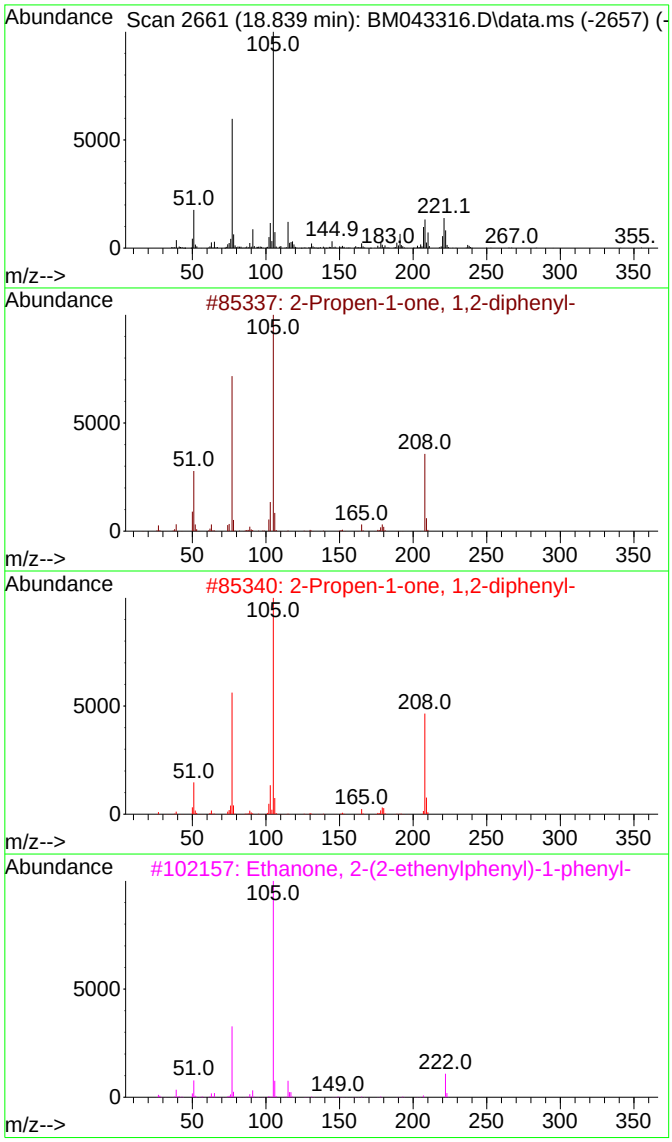
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

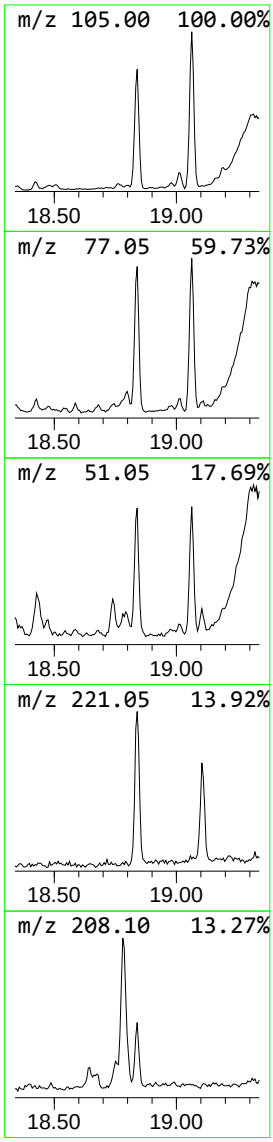
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Propen-1-one, 1,2-diphenyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.839	2.02 ng/ul	539975	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	64
2	2-Propen-1-one, 1,2-diphenyl-	208	C15H12O	004452-11-3	64
3	Ethanone, 2-(2-ethenylphenyl)-1-...	222	C16H14O	066657-90-7	55
4	Acetic acid, nitroso-benzoyl-, e...	221	C11H11NO4	1000261-71-7	53
5	.beta.-Phenylpropiophenone	210	C15H14O	001083-30-3	49





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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

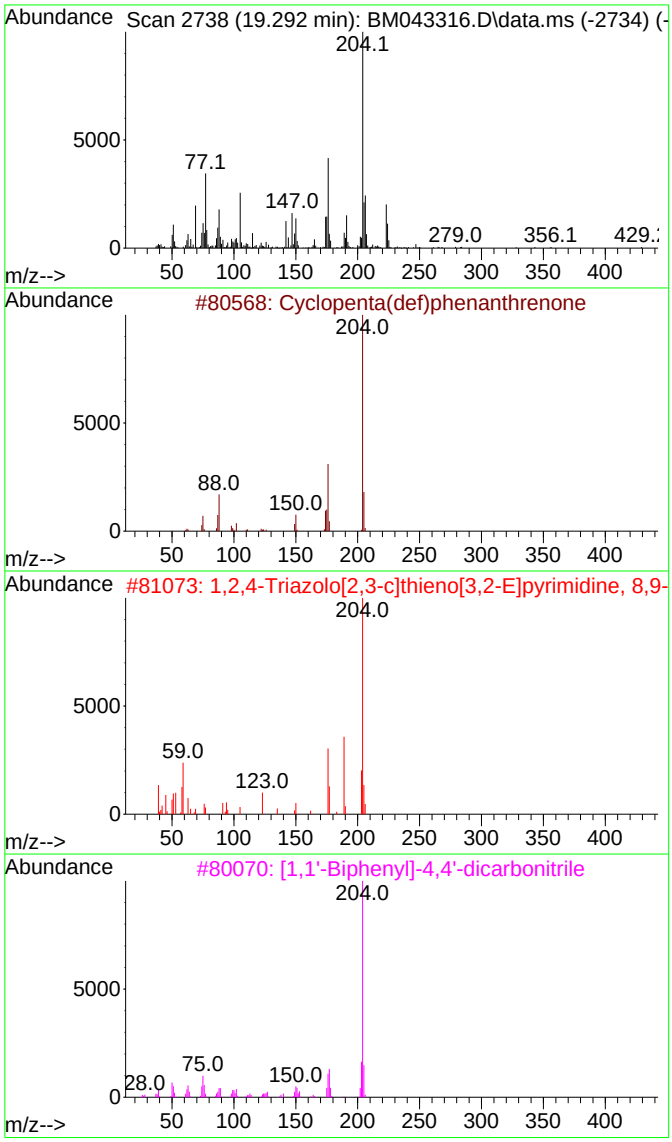
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

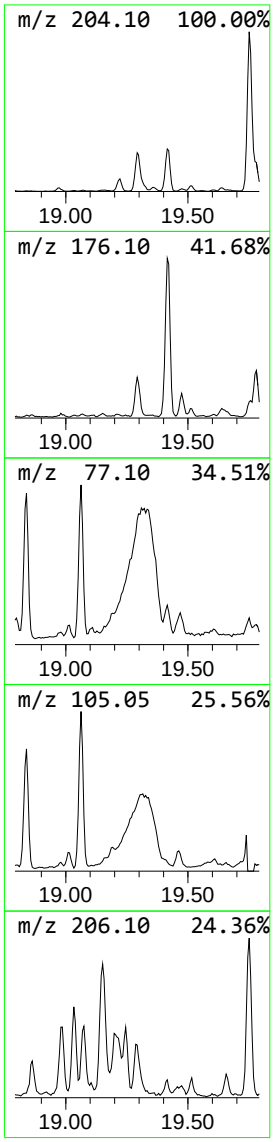
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	4.51 ng/ul	1202860	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	47
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	45
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

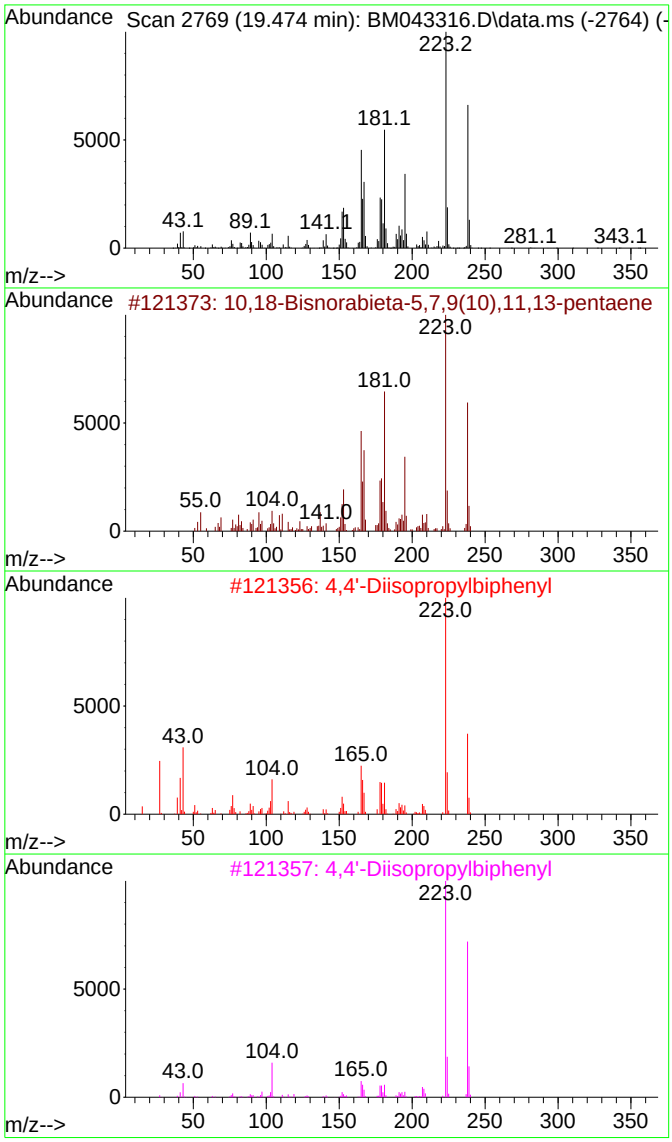
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

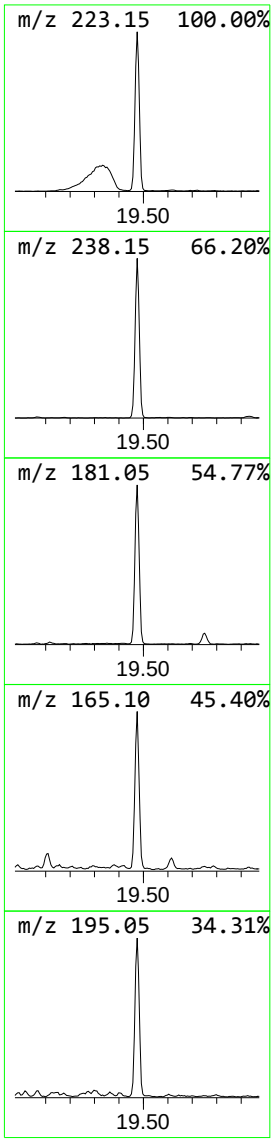
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.474	7.38 ng/ul	2092430	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	45
5	2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	38





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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

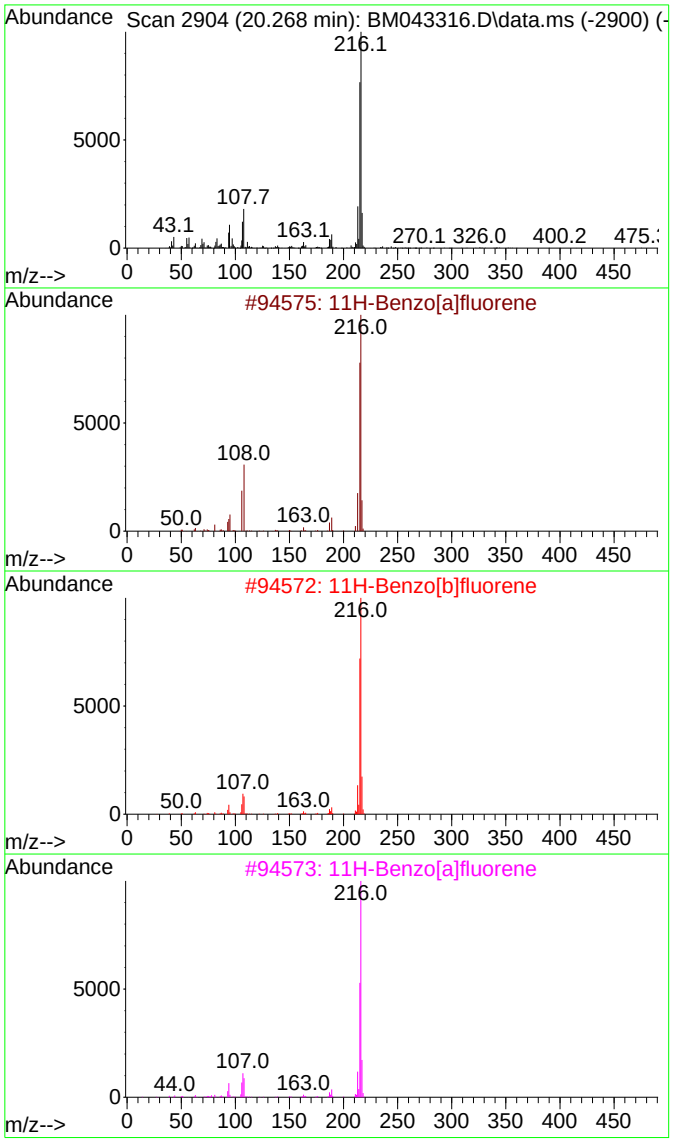
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

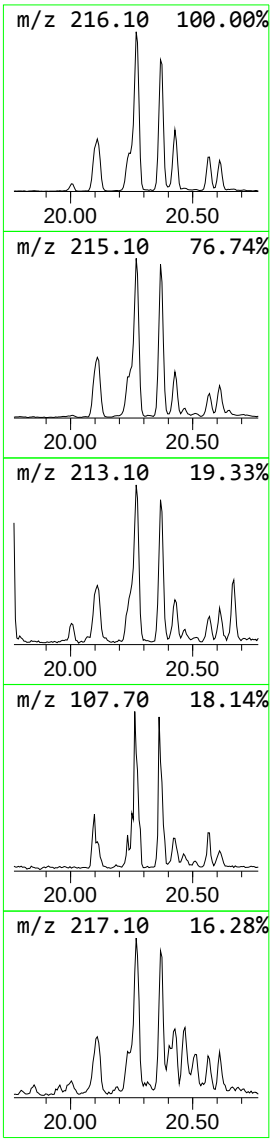
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 11H-Benzo[a]fluorene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	2.12 ng/ul	599937	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

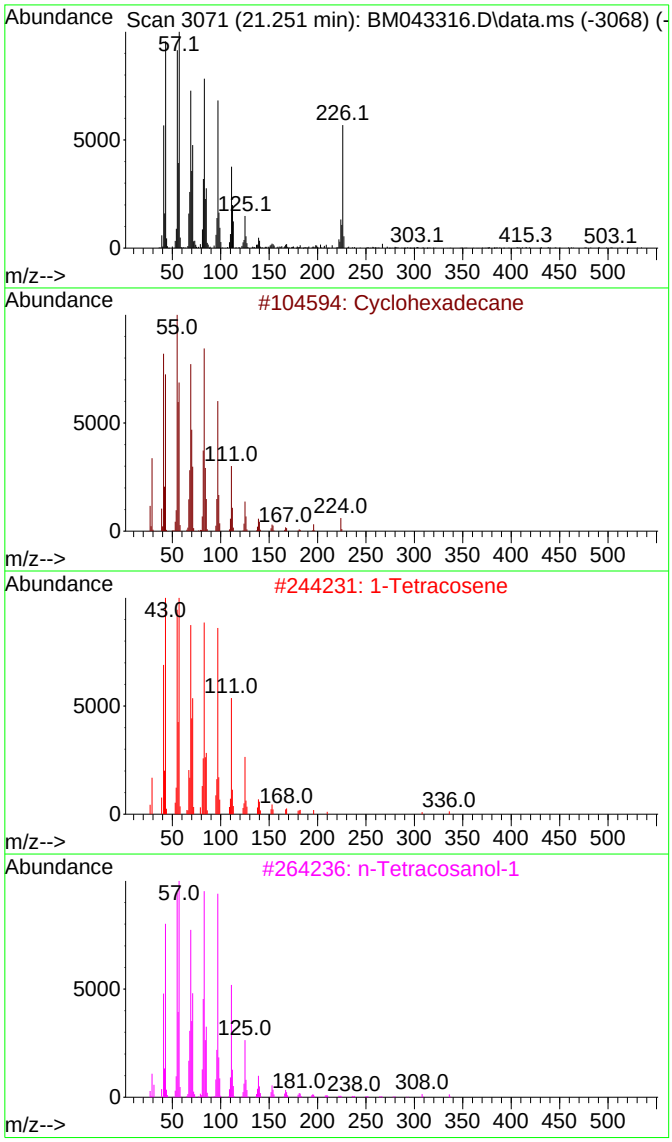
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION

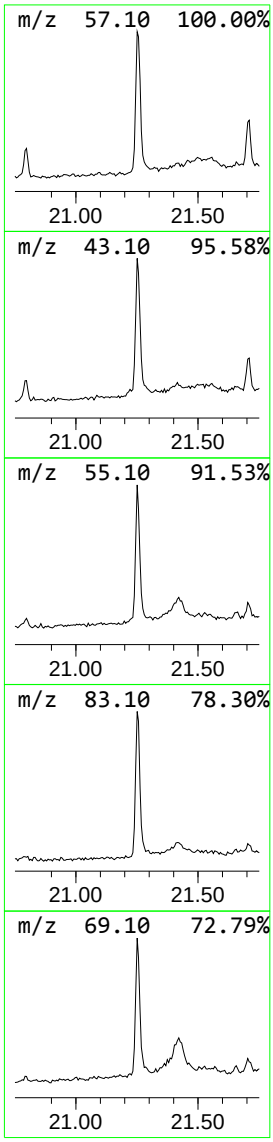
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic21.251 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.251	4.01 ng/ul	1136210	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Tetracosene	336	C24H48	010192-32-2	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	81





Tentatively Identified Compound (LSC) summary

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Data File : BM043316.D
Acq On : 14 Dec 2023 00:01
Operator : MA/JU
Sample : 05690-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCLH0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.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
Aceto phenone	8.834	22.2	ng/ul	2730690	1	7.998	2462620	20.0
Ethanone, 2,2,2...	8.957	4.6	ng/ul	564560	1	7.998	2462620	20.0
Benzoic acid	10.092	10.6	ng/ul	2087920	2	10.810	3955530	20.0
2-Phenylpropenal	10.251	3.2	ng/ul	640172	2	10.810	3955530	20.0
Benzeneethanol,...	11.345	2.5	ng/ul	493659	2	10.810	3955530	20.0
Biphenyl	13.469	4.4	ng/ul	1166760	3	14.628	5344980	20.0
Naphthalene, 1,...	13.945	3.6	ng/ul	969242	3	14.628	5344980	20.0
Dibenzo furan	15.022	21.2	ng/ul	5669940	3	14.628	5344980	20.0
Diphenylmethane	15.833	2.7	ng/ul	713632	3	14.628	5344980	20.0
[1,1'-Biphenyl]...	15.963	3.4	ng/ul	907025	3	14.628	5344980	20.0
2,4,6-Cyclohept...	16.110	4.9	ng/ul	1315010	4	17.369	5333660	20.0
9H-Fluorene, 1-...	16.669	3.0	ng/ul	791830	4	17.369	5333660	20.0
9H-Fluoren-9-one	17.022	2.2	ng/ul	580300	4	17.369	5333660	20.0
Dibenzothiophene	17.186	5.6	ng/ul	1492660	4	17.369	5333660	20.0
Carba zole	17.769	8.3	ng/ul	2213400	4	17.369	5333660	20.0
Phenanthrene, 2...	18.245	3.2	ng/ul	862145	4	17.369	5333660	20.0
n-Hexadecanoic ...	18.262	3.1	ng/ul	816598	4	17.369	5333660	20.0
Anthracene, 9-m...	18.286	4.8	ng/ul	1271350	4	17.369	5333660	20.0
4H-Cyclopenta[d...	18.433	8.9	ng/ul	2374120	4	17.369	5333660	20.0
Naphthalene, 2-...	18.739	2.6	ng/ul	687689	4	17.369	5333660	20.0
2-Propen-1-one,...	18.839	2.0	ng/ul	539975	4	17.369	5333660	20.0
Cyclopenta(def)...	19.292	4.5	ng/ul	1202860	4	17.369	5333660	20.0
10,18-Bisnorabi...	19.474	7.4	ng/ul	2092430	5	21.533	5671700	20.0
11H-Benzo[a]flu...	20.268	2.1	ng/ul	599937	5	21.533	5671700	20.0
(DEL) Alkane: C...	21.251	4.0	ng/ul	1136210	5	21.533	5671700	20.0