LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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: BM037883.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.240	646	655	663	rBV	1110109	1801995	1.57%	0.197%
2	7.410	678	684	691	rBV	877915	1321874	1.16%	0.145%
3	7.616	710	719	728	rVB	1066892	1709090	1.49%	0.187%
4	8.087	792	799	806	rBV	951840	1478015	1.29%	0.162%
5	8.799	913	920	926	rBV	1260721	1985495	1.73%	0.217%
6	9.257	992	998	1006	rBV	946617	1584816	1.38%	0.174%
7	9.987	1115	1122	1129	rBV	764664	1261834	1.10%	0.138%
8	10.522	1207	1213	1221	rVV	1148735	1933800	1.69%	0.212%
9	10.910	1272	1279	1283	rVV	1165517	2012430	1.76%	0.220%
10	10.957	1283	1287	1295	rVV	2181039	3616706	3.16%	0.396%
11	11.046	1295	1302	1320	rVB2	641280	1332514	1.16%	0.146%
12	12.557	1552	1559	1566	rVB	2314874	3439112	3.01%	0.377%
13	13.551	1720	1728	1734	rVV2	782719	1621014	1.42%	0.178%
14	14.122	1821	1825	1830	rVV	1822112	2497811	2.18%	0.274%
15	14.416	1868	1875	1877	rBV	2128403	3431137	3.00%	0.376%
16	14.439	1877	1879	1891	rVB	2121965	2935386	2.56%	0.321%
17	14.592	1901	1905	1911	rBV	1256734	1632710	1.43%	0.179%
18	14.716	1922	1926	1930	rVV	1553508	2266841	1.98%	0.248%
19	14.781	1932	1937	1944	rVV	3632863	5443190	4.76%	0.596%
20	14.916	1954	1960	1969	rVB4	743579	1513937	1.32%	0.166%
21	15.116	1987	1994	1999	rVV	5022203	7617683	6.66%	0.834%
22	15.539	2062	2066	2070	rVB	1775462	2172291	1.90%	0.238%
23	15.704	2089	2094	2099	rBV	2437669	3309932	2.89%	0.362%
24	15.763	2099	2104	2110	rVB	10474934	15995331	13.98%	1.752%
25	16.051	2149	2153	2158	rVB2	865175	1296299	1.13%	0.142%
26	16.198	2175	2178	2186	rVB	994426	1920930	1.68%	0.210%
27	16.398	2208	2212	2215	rBV	2941494	4266155	3.73%	0.467%
28	16.428	2215	2217	2229	rVB3	2352260	3538011	3.09%	0.387%
29	16.757	2267	2273	2278	rBV4	874552	1740247	1.52%	0.191%
30	17.028	2316	2319	2327	rVB2	768104	1317264	1.15%	0.144%
31	17.116	2329	2334	2339	rBV	1812796	2741945	2.40%	0.300%
32	17.198	2343	2348	2353	rVV2	3043154	4427692	3.87%	0.485%
33	17.251	2353	2357	2359	rVV	1598369	2385105	2.08%	0.261%
34	17.275	2359	2361	2370	rVB	1985701	2891674	2.53%	0.317%
35	17.463	2388	2393	2395	rBV	1336603	2053006	1.79%	0.225%
36	17.516	2395	2402	2409	rVV	18413713	32496920	28.40%	3.559%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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	17.651	2410	2425	2429	rBV2	29571237	114441162	100.00%	12.533%
38	17.751	2436	2442	2447	rBV	1948969	3114610	2.72%	0.341%
39	17.886	2456	2465	2469	rBV	15735454	28918697	25.27%	3.167%
40	17.933	2469	2473	2477	rVB	2744291	3239298	2.83%	0.355%
41	18.339	2537	2542	2546	rBV2	2807217	4145090	3.62%	0.454%
42	18.386	2546	2550	2555	rVB	3518650	5169321	4.52%	0.566%
43	18.469	2560	2564	2569	rVB	5223373	7449496	6.51%	0.816%
44	18.539	2570	2576	2580	rBV	10102411	17189617	15.02%	1.882%
45	18.627	2587	2591	2596	rVB3	2545488	3915178	3.42%	0.429%
46	18.680	2597	2600	2604	rBV	1067954	1346510	1.18%	0.147%
47	18.727	2604	2608	2619	rVV	2064777	3481797	3.04%	0.381%
48	18.827	2622	2625	2629	rVV	1916053	2592272	2.27%	0.284%
49	18.880	2629	2634	2641	rVB	3621135	5249127	4.59%	0.575%
50	19.251	2692	2697	2701	rBV2	2858293	4505587	3.94%	0.493%
51	19.310	2705	2707	2716	rVB3	1258017	2390968	2.09%	0.262%
52	19.404	2717	2723	2729	rBV	8508388	15261404	13.34%	1.671%
53	19.533	2736	2745	2749	rBV2	23777614	52832678	46.17%	5.786%
54	19.574	2749	2752	2755	rVV	945783	1361906	1.19%	0.149%
55	19.616	2755	2759	2763	rVB	2316211	3391407	2.96%	0.371%
56	19.669	2765	2768	2772	rVB	1027542	1226767	1.07%	0.134%
57	19.751	2777	2782	2787	rVB2	4409838	7991113	6.98%	0.875%
58	19.827	2792	2795	2796	rVV	1331552	1364009	1.19%	0.149%
59	19.910	2796	2809	2812	rVV3	26338165	78411966	68.52%	8.587%
60	19.945	2812	2815	2821	rVB2	2532649	3605603	3.15%	0.395%
61	20.051	2829	2833	2838	rBV	3387233	4506655	3.94%	0.494%
62	20.127	2839	2846	2851	rVB	8526572	13617512	11.90%	1.491%
63	20.210	2852	2860	2864	rBV3	3682978	9201569	8.04%	1.008%
64	20.368	2875	2887	2891	rBV3	6894374	20302532	17.74%	2.223%
65	20.416	2891	2895	2899	rBV	2101985	3061526	2.68%	0.335%
66	20.463	2899	2903	2907	rVV	4672611	6624852	5.79%	0.725%
67	20.527	2907	2914	2917	rVV2	5668893	10830025	9.46%	1.186%
68	20.563	2917	2920	2923	rVB2	1667286	1921794	1.68%	0.210%
69	20.668	2933	2938	2941	rBV	4824549	7044026	6.16%	0.771%
70	20.710	2942	2945	2953	rVB	4023788	5770403	5.04%	0.632%
71	20.786	2955	2958	2962	rBV3	1581076	2203842	1.93%	0.241%
72	20.851	2967	2969	2975	rVB3	1371188	1858557	1.62%	0.204%
73	21.074	3003	3007	3009	rBV3	1275494	1899404	1.66%	0.208%
74	21.115	3010	3014	3020	rVB2	4201518	6664911	5.82%	0.730%
75	21.280	3037	3042	3045	rBV2	5100985	7845931	6.86%	0.859%
76	21.315	3045	3048	3052	rVV	6482650	8568051	7.49%	0.938%

LSC Area Percent Report

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Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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

77	21.363	3052	3056	3060	rVV2	7336375	10054610	8.79%	1.101%
78	21.415	3062	3065	3075	rVB	4188574	6948719	6.07%	0.761%
79	21.521	3079	3083	3090	rVB	3132288	5507190	4.81%	0.603%
80	21.633	3093	3102	3105	rBV	14394734	30700984	26.83%	3.362%
81	21.698	3106	3113	3120	rVB	18487645	39596388	34.60%	4.336%
82	21.774	3121	3126	3129	rBV3	1758662	3359416	2.94%	0.368%
83	21.810	3129	3132	3138	rVB	3361396	5232237	4.57%	0.573%
84	21.974	3155	3160	3165	rVV2	3725284	5843906	5.11%	0.640%
85	22.027	3165	3169	3177	rVB2	1892218	3678082	3.21%	0.403%
86	22.168	3189	3193	3196	rBV3	2160206	3696484	3.23%	0.405%
87	22.451	3237	3241	3245	rBV3	2399998	4105374	3.59%	0.450%
88	22.551	3255	3258	3263	rVB2	1945484	2894876	2.53%	0.317%
89	22.768	3290	3295	3301	rBV2	1955103	3883655	3.39%	0.425%
90	23.092	3344	3350	3362	rVB4	2873428	7205598	6.30%	0.789%
91	23.245	3372	3376	3380	rVB	1255995	1913960	1.67%	0.210%
92	23.409	3391	3404	3408	rBV3	15178474	53225354	46.51%	5.829%
93	23.498	3416	3419	3425	rVB2	1531041	2734381	2.39%	0.299%
94	23.574	3426	3432	3438	rBV	4003070	7153971	6.25%	0.783%
95	23.721	3452	3457	3466	rBV4	1622359	4226469	3.69%	0.463%
96	23.939	3485	3494	3500	rBV	9280467	23820467	20.81%	2.609%
97	24.051	3505	3513	3519	rVB	9754285	22600525	19.75%	2.475%
98	24.204	3533	3539	3547	rVB2	5022483	11893546	10.39%	1.302%
99	26.774	3964	3976	3981	rBV2	5833072	21748104	19.00%	2.382%
100	27.586	4103	4114	4123	rVB2	3413385	11614681	10.15%	1.272%

Sum of corrected areas: 913146342

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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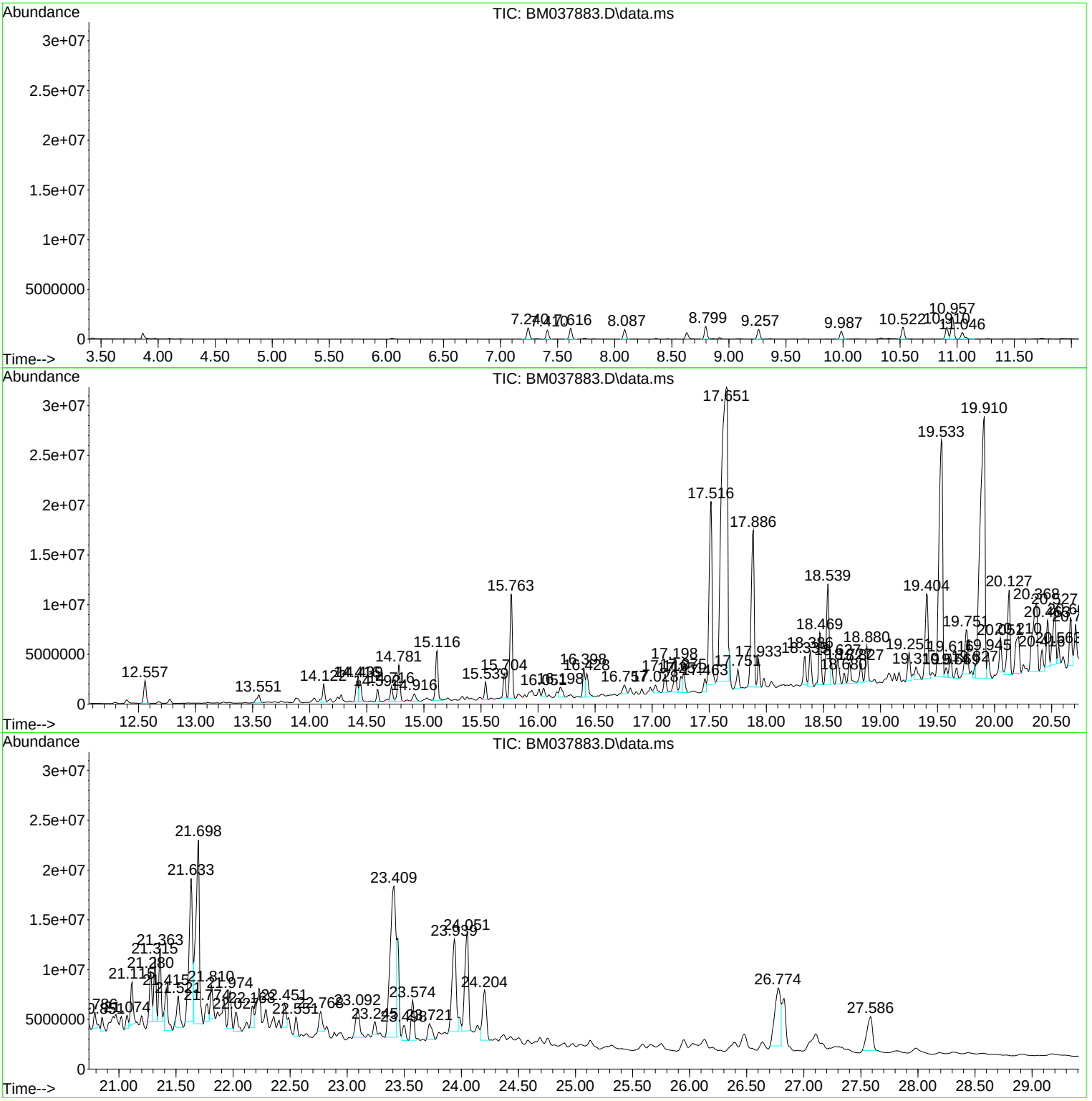
ClientSampleId :
DBXK9

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\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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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

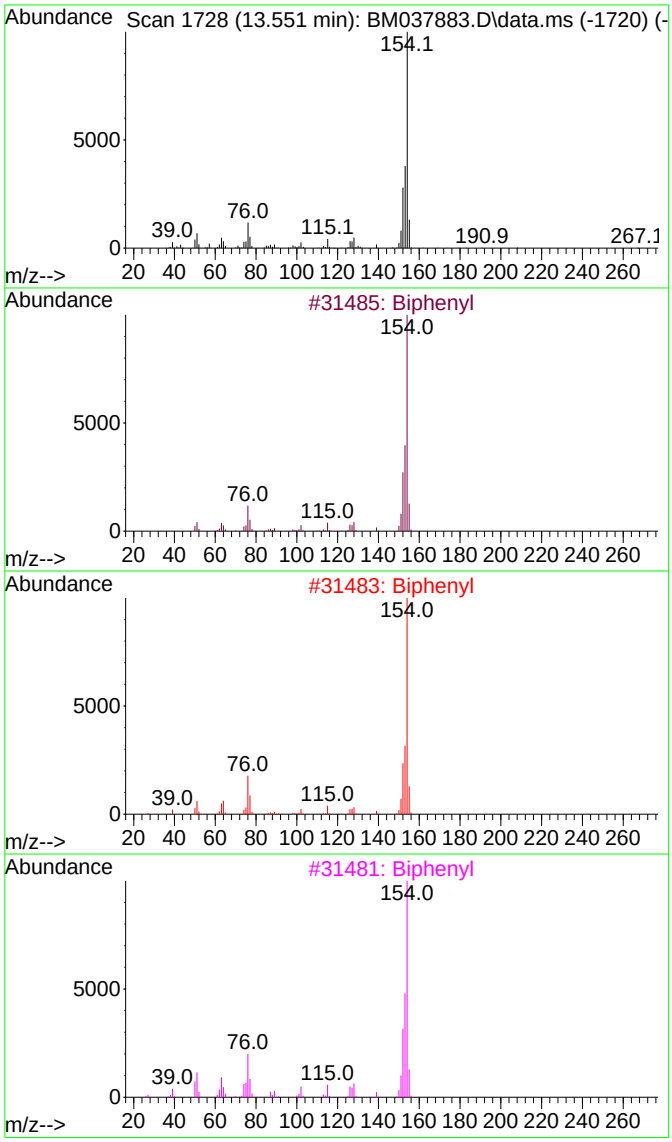
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

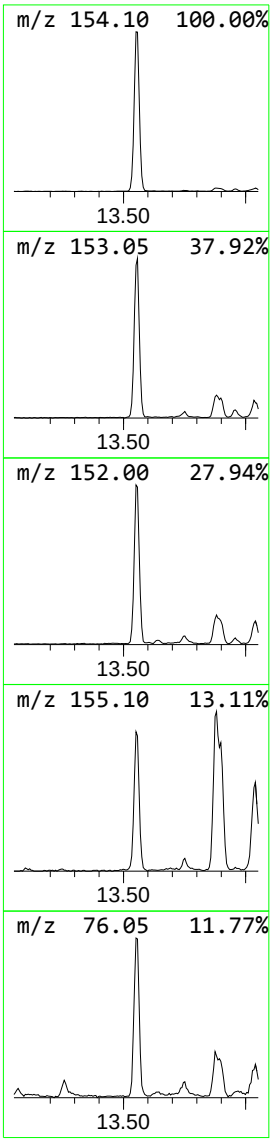
****

Peak Number 1 Biphenyl Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	14.30 ng/ul	1621010	Acenaphthene-d10	14.716

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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ALS Vial : 9 Sample Multiplier: 1

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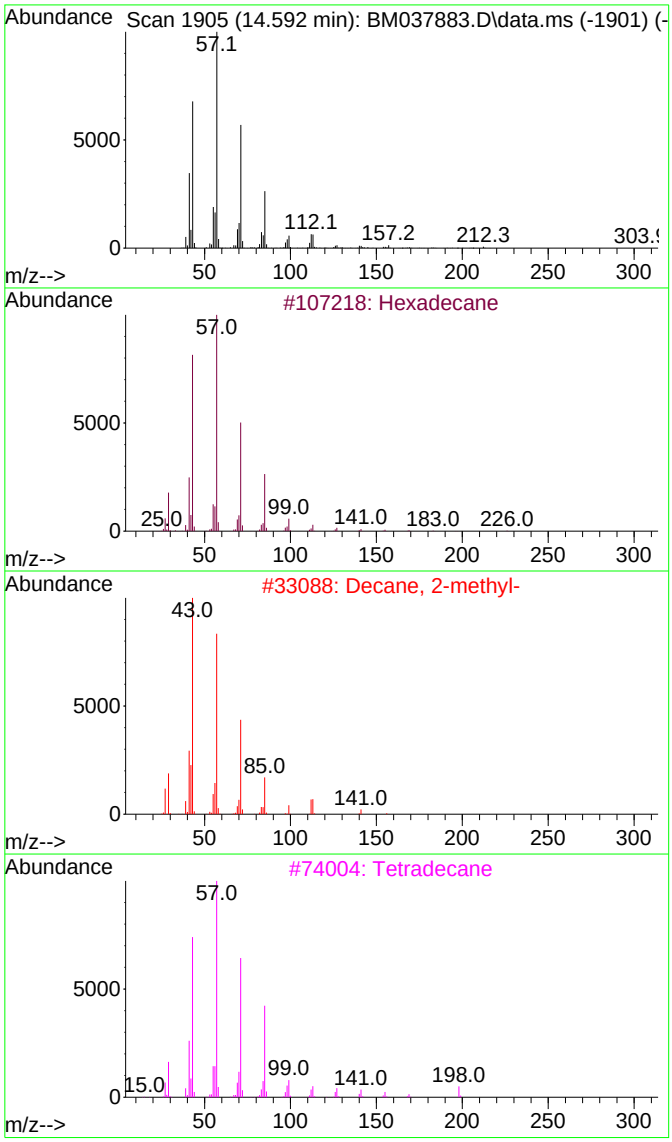
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

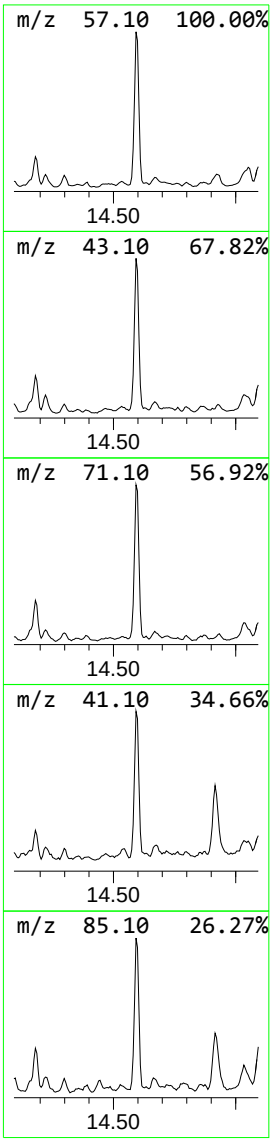
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	14.41 ng/ul	1632710	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 2-methyl-	156	C11H24	006975-98-0	83
3	Tetradecane	198	C14H30	000629-59-4	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
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ALS Vial : 9 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

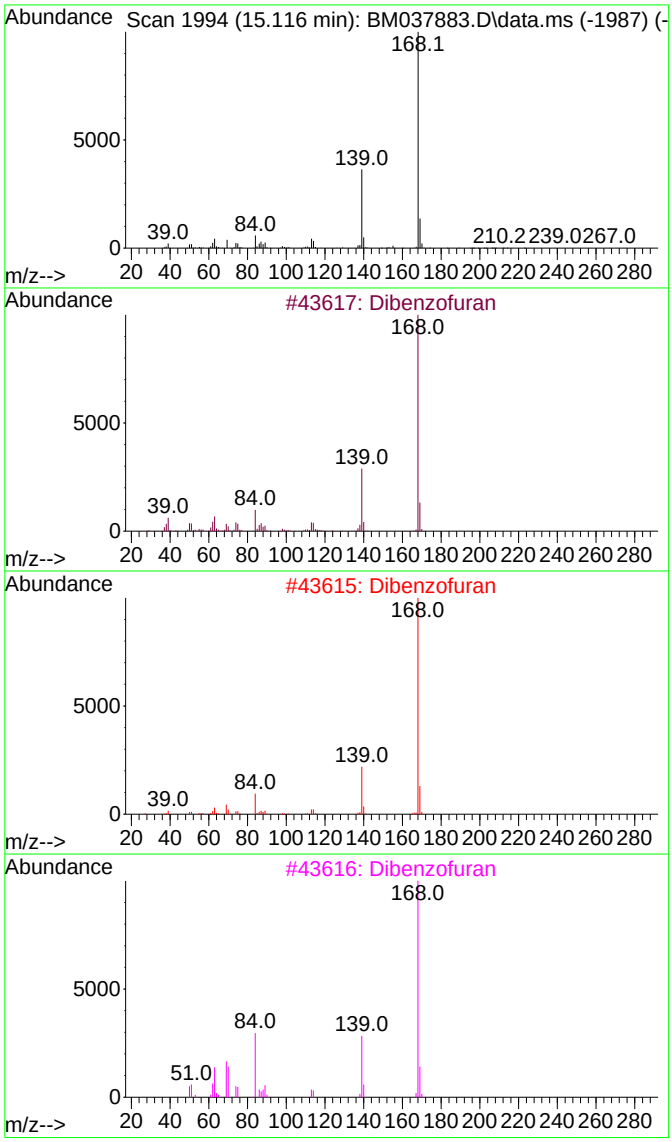
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

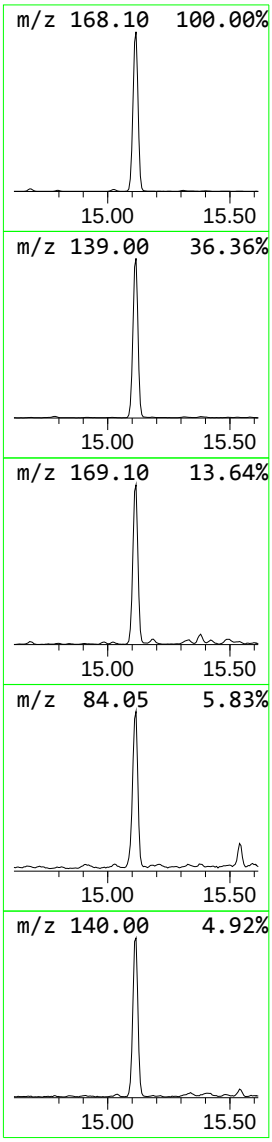
****

Peak Number 3 Dibenzo furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	67.21 ng/ul	7617680	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	91
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	64
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

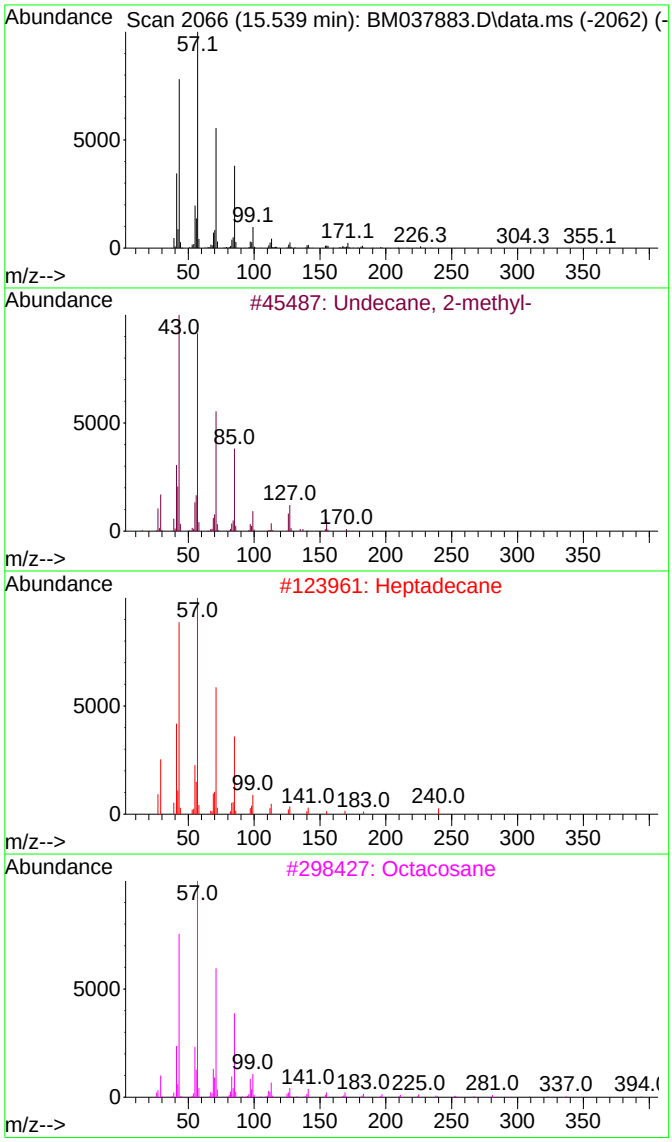
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

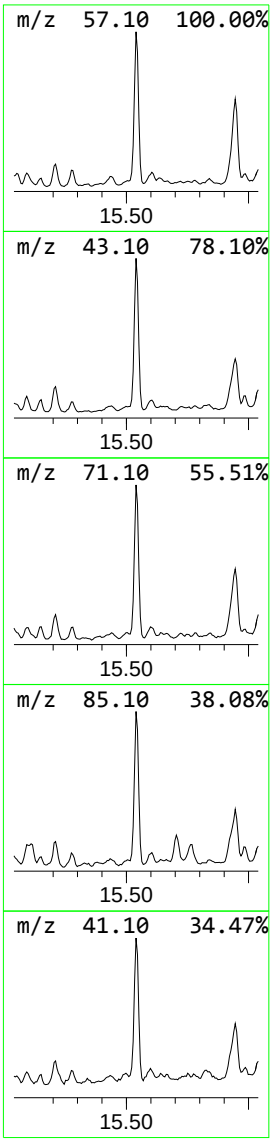
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.539	19.17 ng/ul	2172290	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Decane, 3-methyl-	156	C11H24	013151-34-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

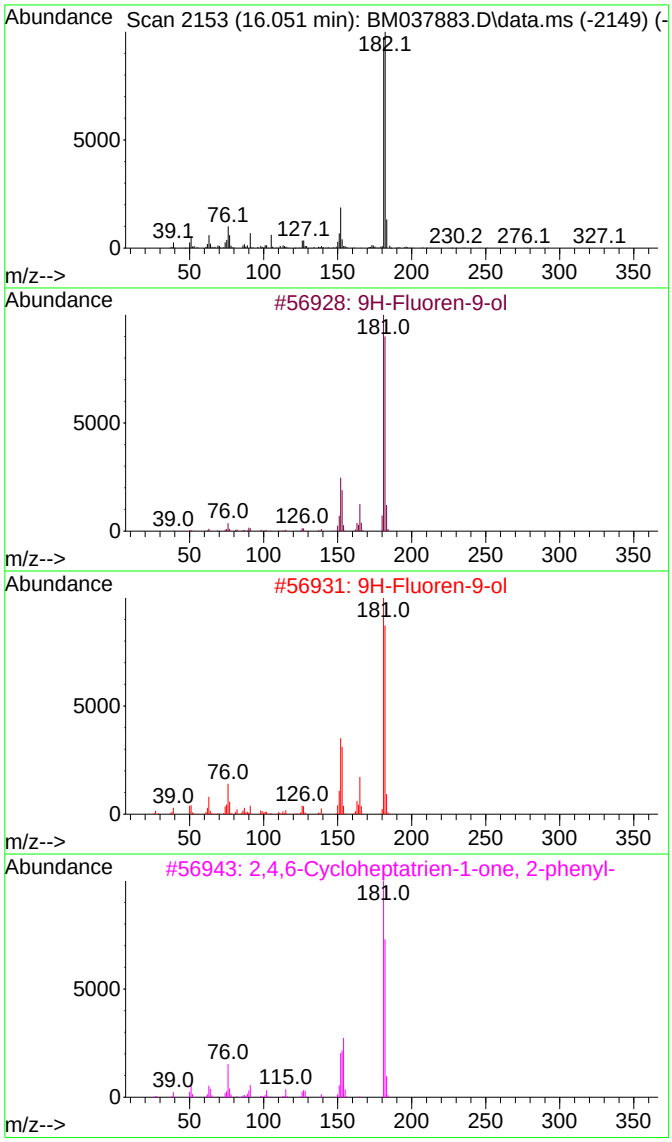
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

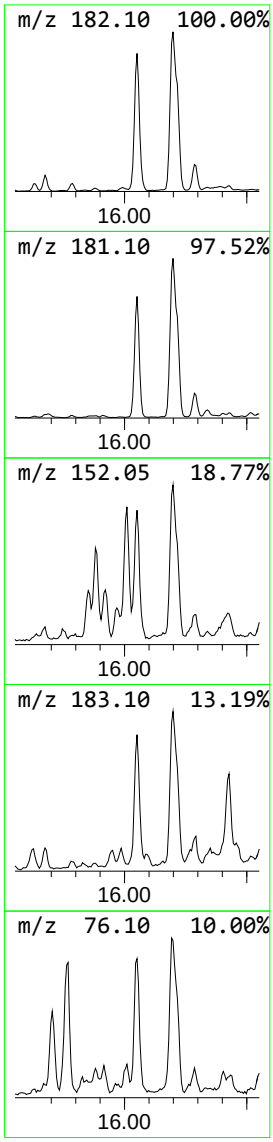
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluoren-9-ol Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.051	11.44 ng/ul	1296300	Acenaphthene-d10	14.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBXK9

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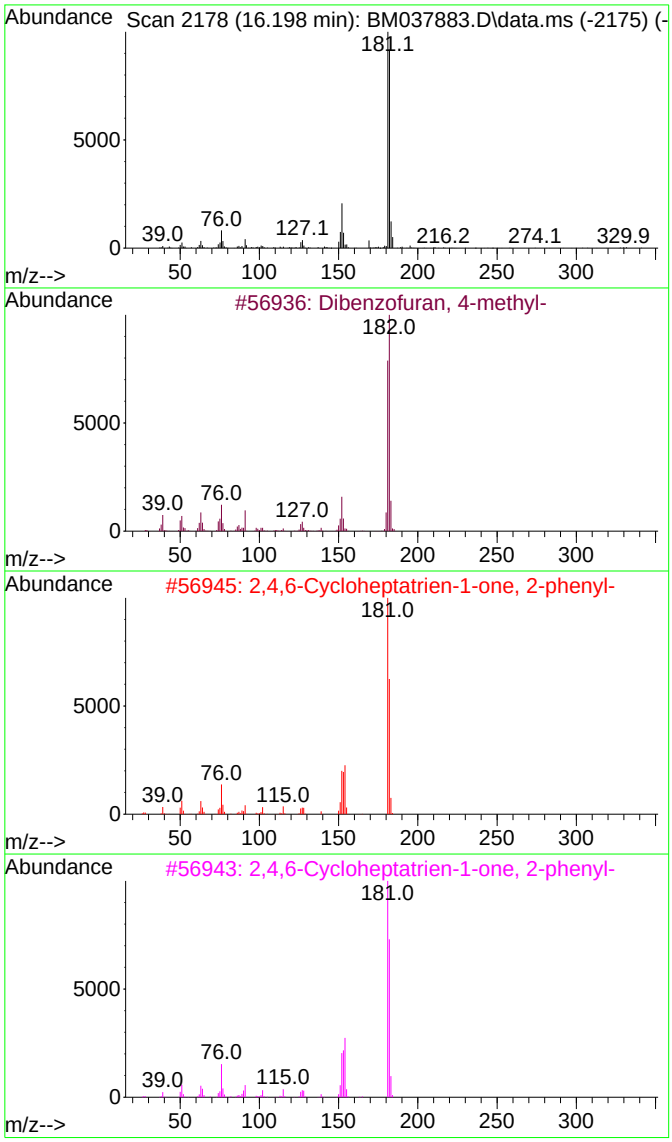
Quant Title : SVOA CALIBRATION

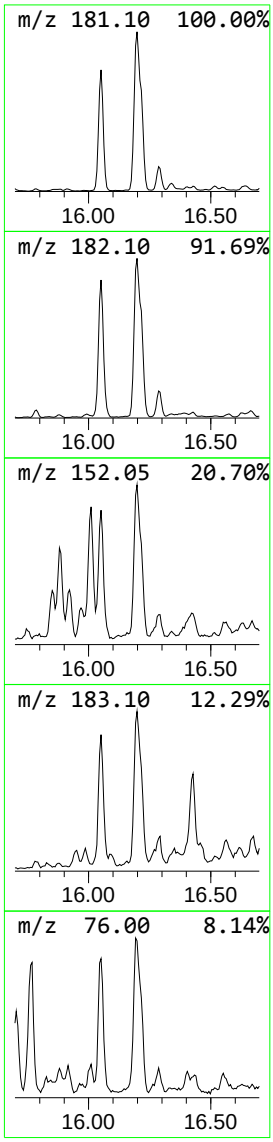
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.198	18.71 ng/ul	1920930	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Instrument :
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ClientSampleId :
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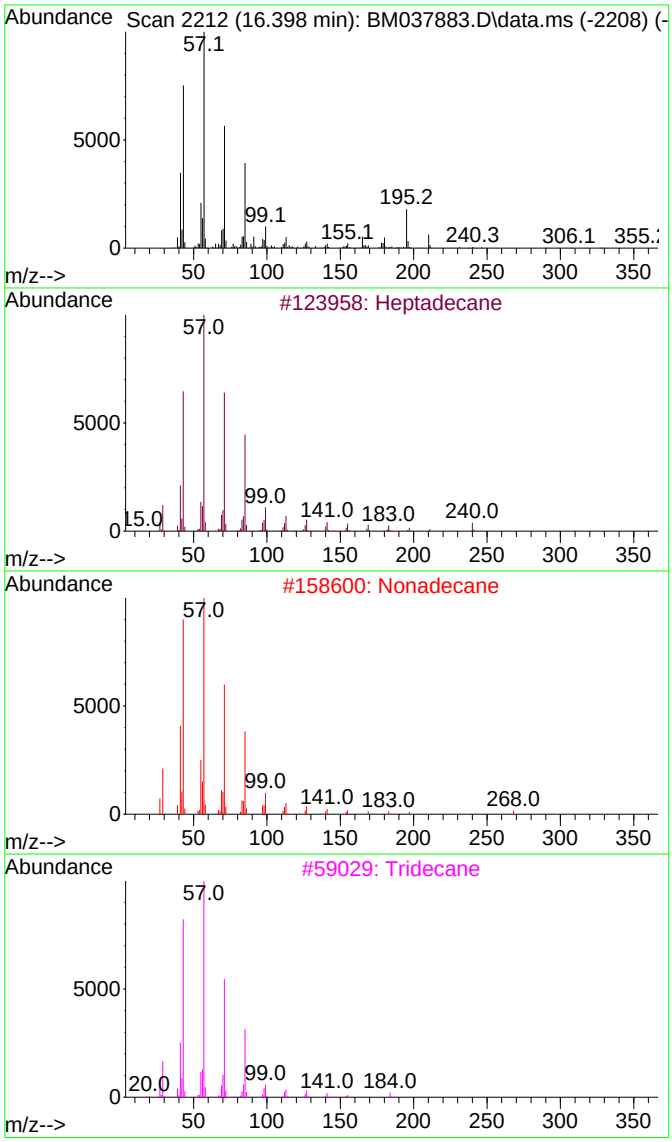
Quant Title : SVOA CALIBRATION

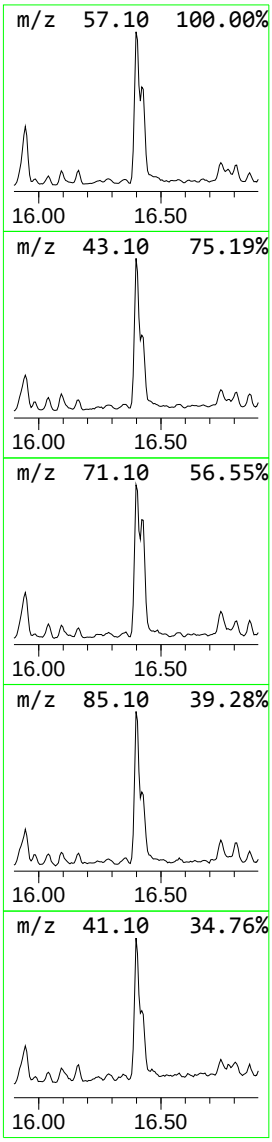
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	41.56 ng/ul	4266160	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Nonadecane	268	C19H40	000629-92-5	81
3	Tridecane	184	C13H28	000629-50-5	72
4	Tetradecane	198	C14H30	000629-59-4	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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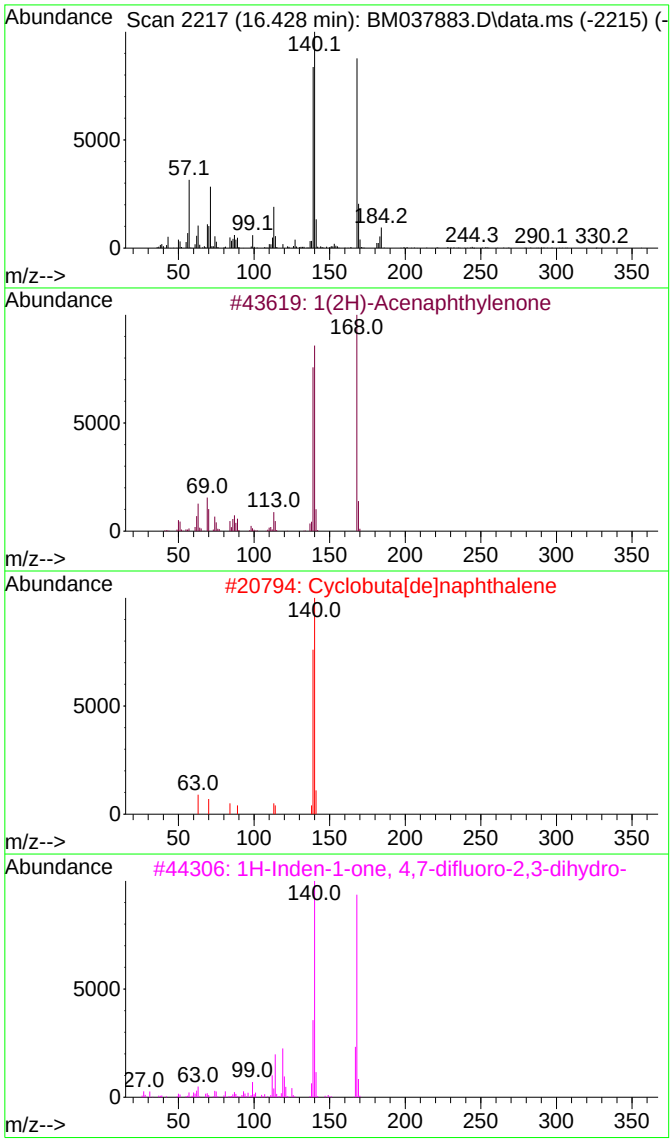
Quant Title : SVOA CALIBRATION

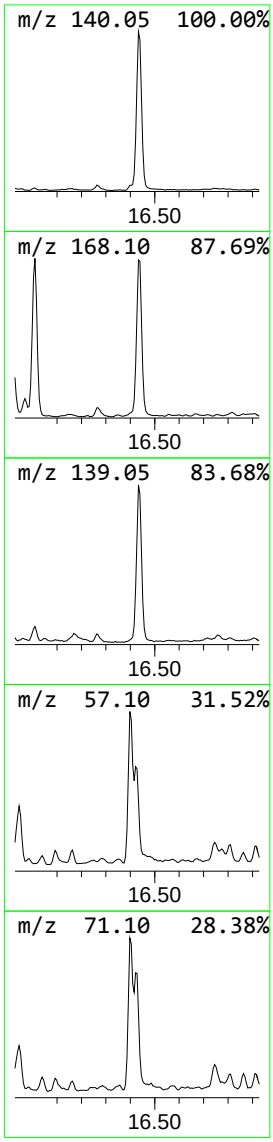
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1(2H)-Acenaphthylenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.427	34.47 ng/ul	3538010	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	70
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	47
4	Dibenzofuran	168	C12H8O	000132-64-9	46
5	Benzaldehyde, 4-fluoro-3-hydroxy-	140	C7H5FO2	103438-85-3	43





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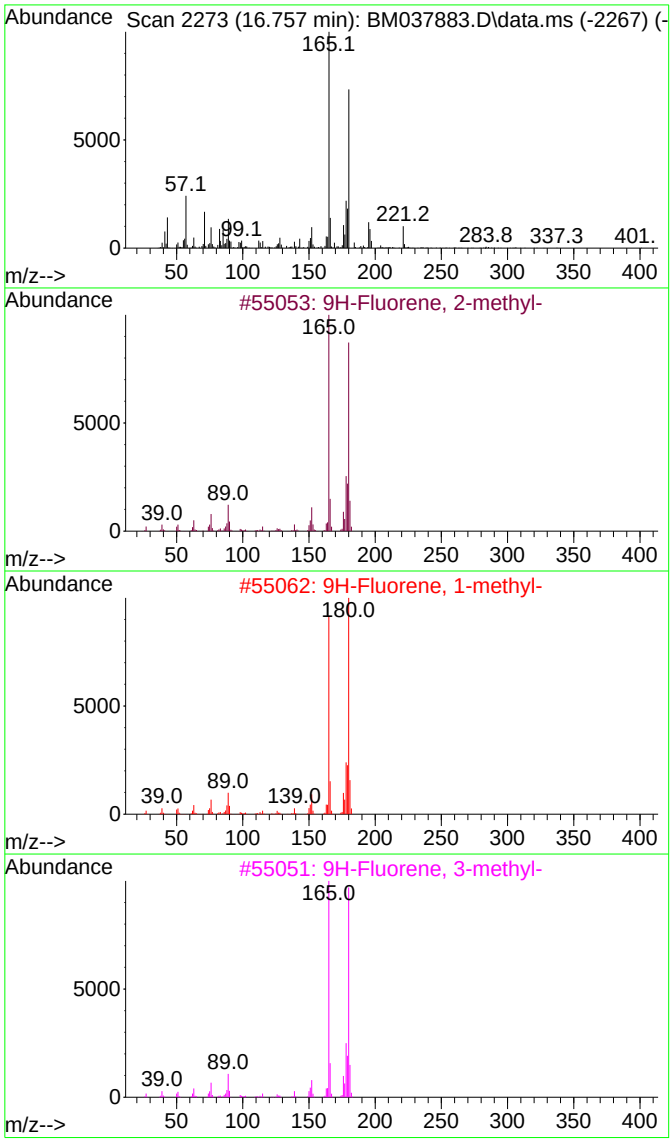
Quant Title : SVOA CALIBRATION

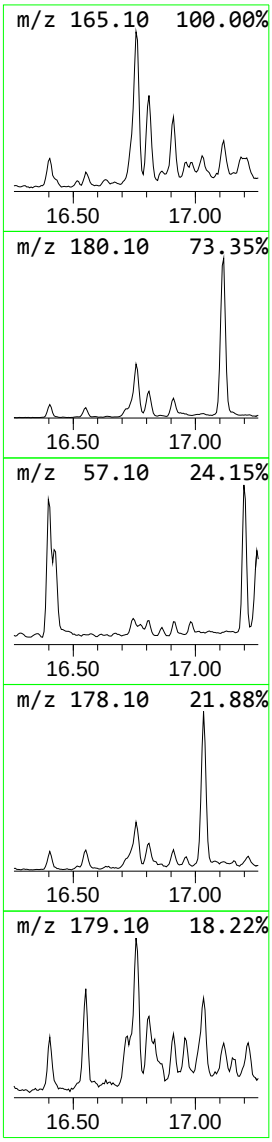
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9H-Fluorene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	16.95 ng/ul	1740250	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92





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Misc :
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Instrument :
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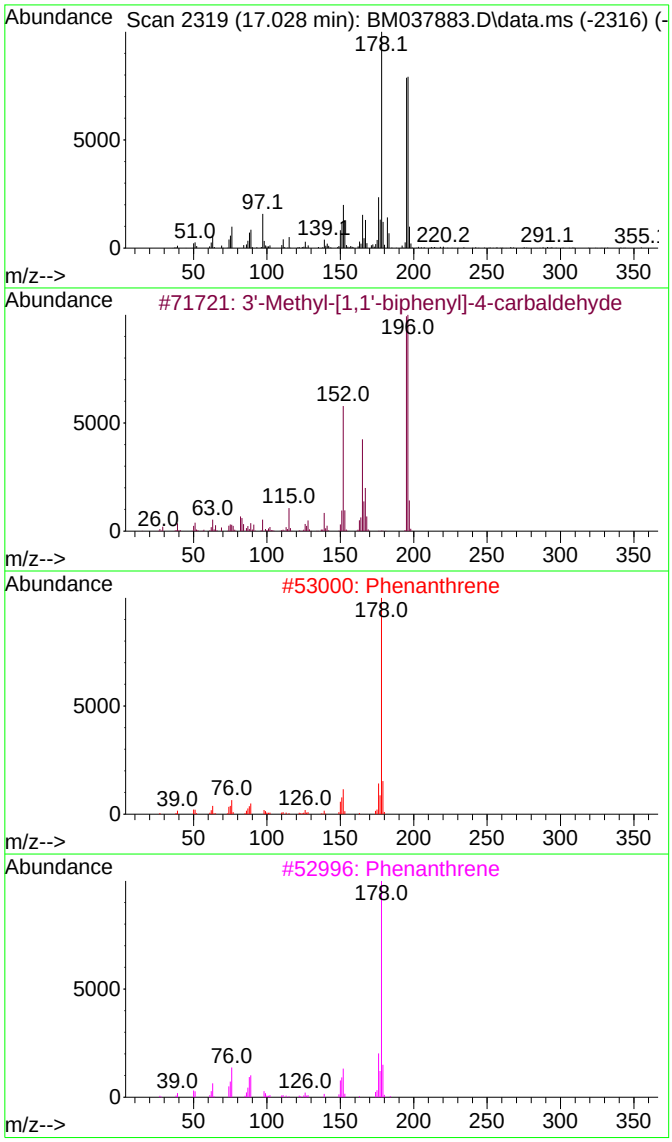
Quant Title : SVOA CALIBRATION

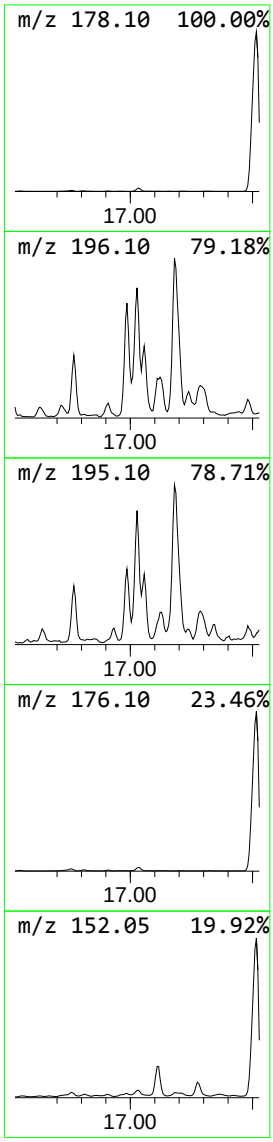
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.028	12.83 ng/ul	1317260	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	78
2	Phenanthrene	178	C14H10	000085-01-8	72
3	Phenanthrene	178	C14H10	000085-01-8	68
4	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	64
5	Phenanthrene	178	C14H10	000085-01-8	64





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ClientSampleId :
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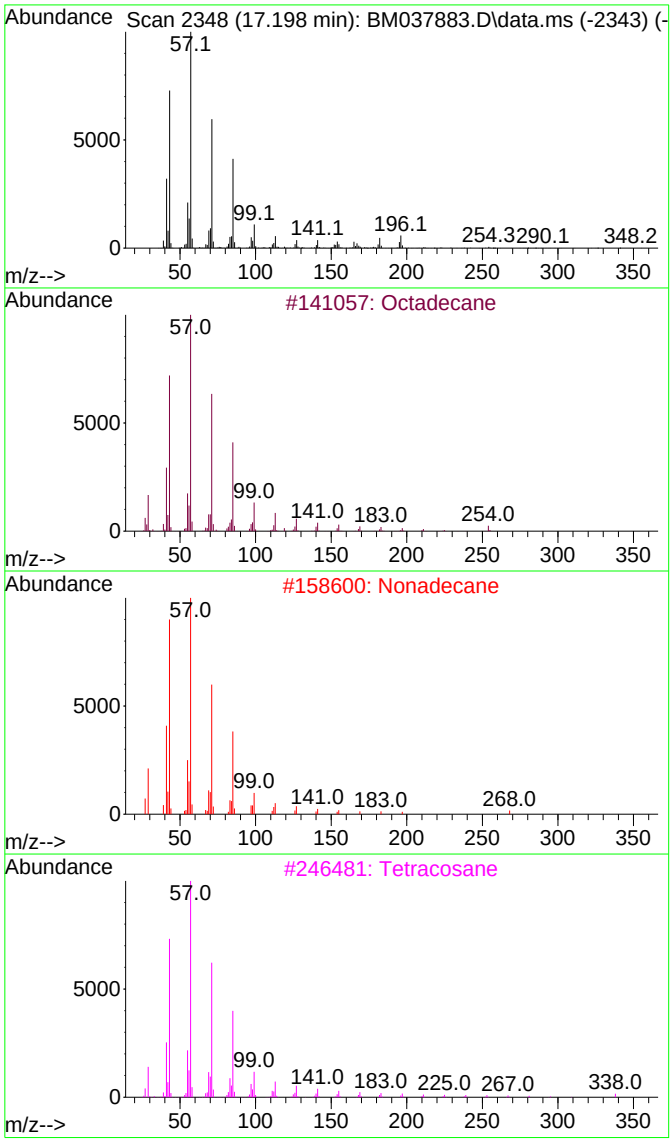
Quant Title : SVOA CALIBRATION

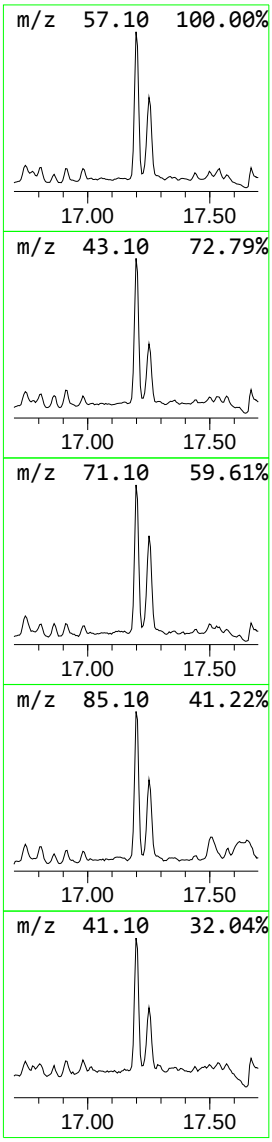
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	43.13 ng/ul	4427690	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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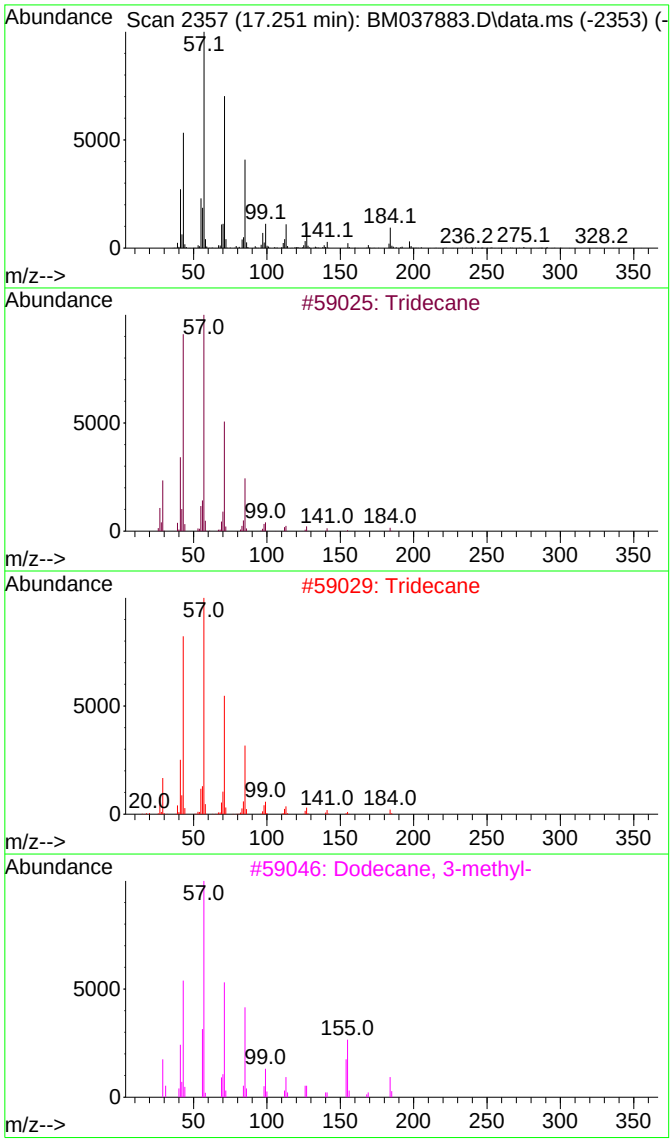
Quant Title : SVOA CALIBRATION

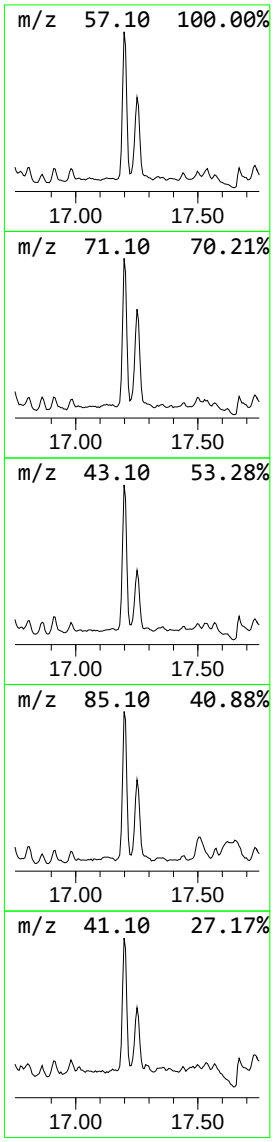
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.251	23.24 ng/ul	2385110	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane	184	C13H28	000629-50-5	91
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	86
4	Heptacosane	380	C27H56	000593-49-7	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





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Instrument :
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ClientSampleId :
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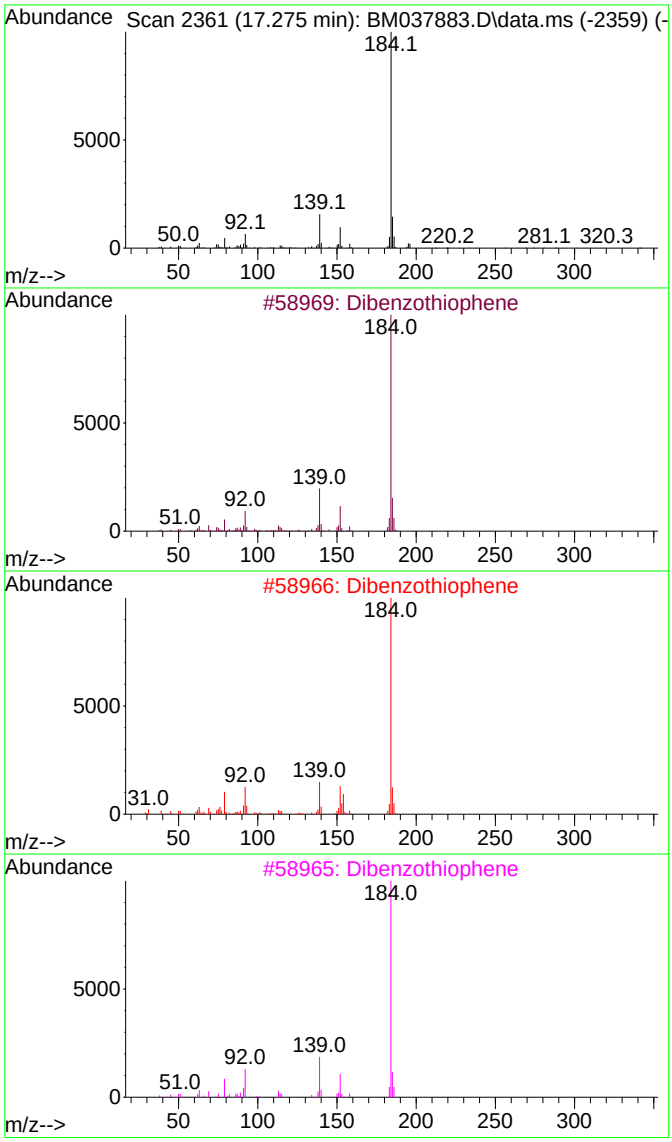
Quant Title : SVOA CALIBRATION

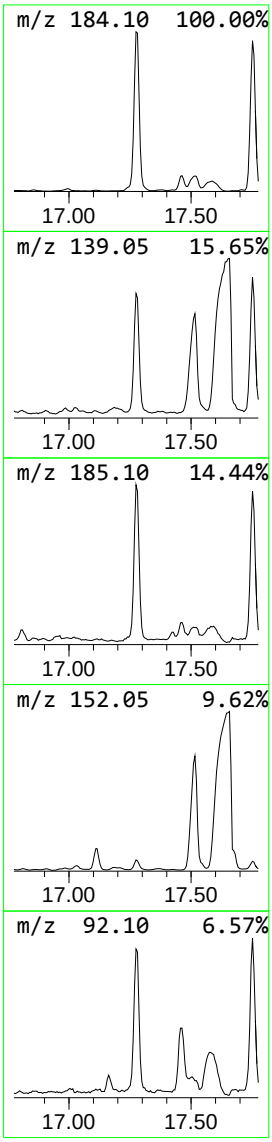
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.275	28.17 ng/ul	2891670	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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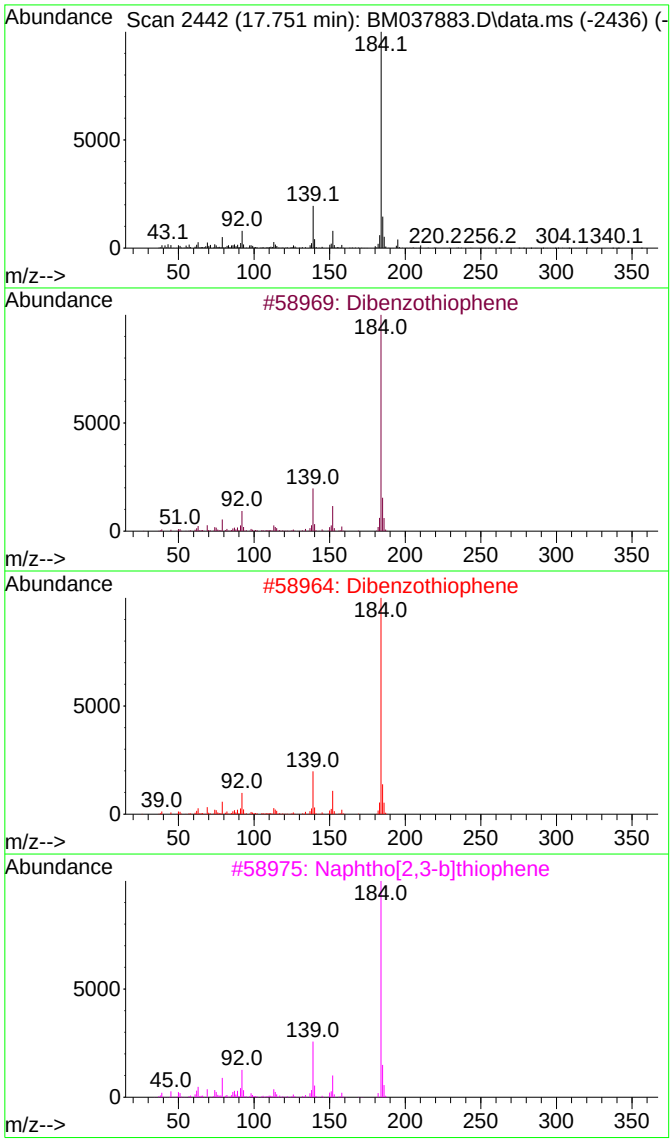
Quant Title : SVOA CALIBRATION

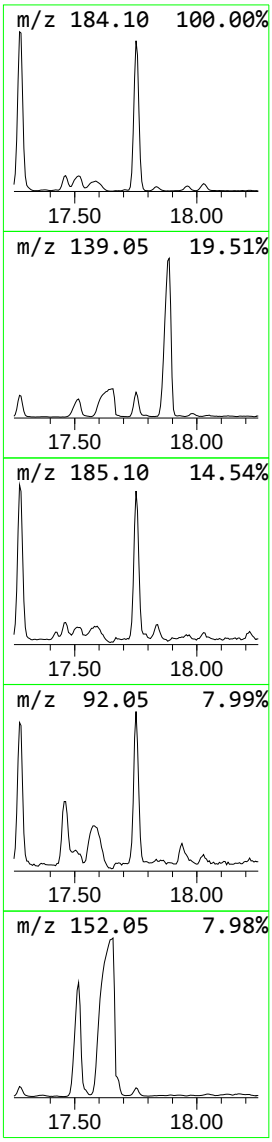
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	30.34 ng/ul	3114610	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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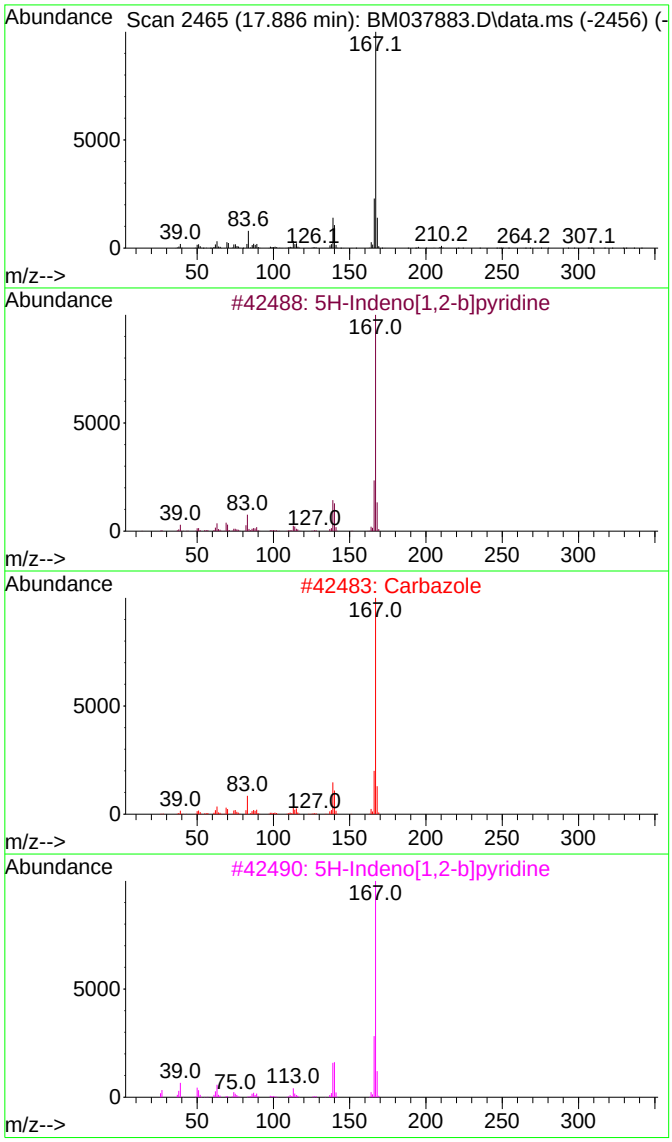
Quant Title : SVOA CALIBRATION

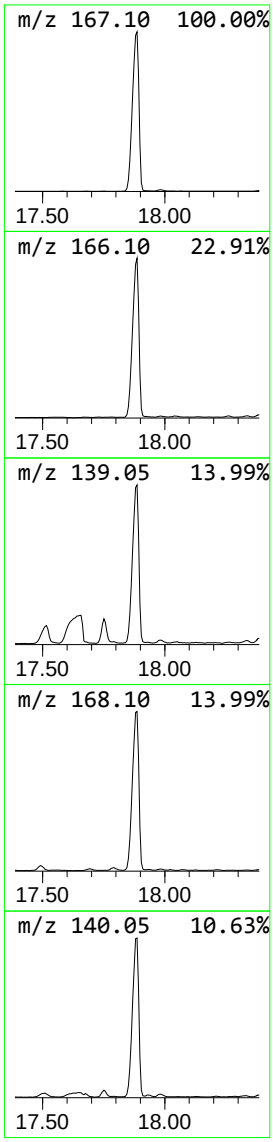
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 5H-Indeno[1,2-b]pyridine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	281.72 ng/ul	28918700	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	97
2	Carbazole	167	C12H9N	000086-74-8	96
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	90
5	Carbazole	167	C12H9N	000086-74-8	90





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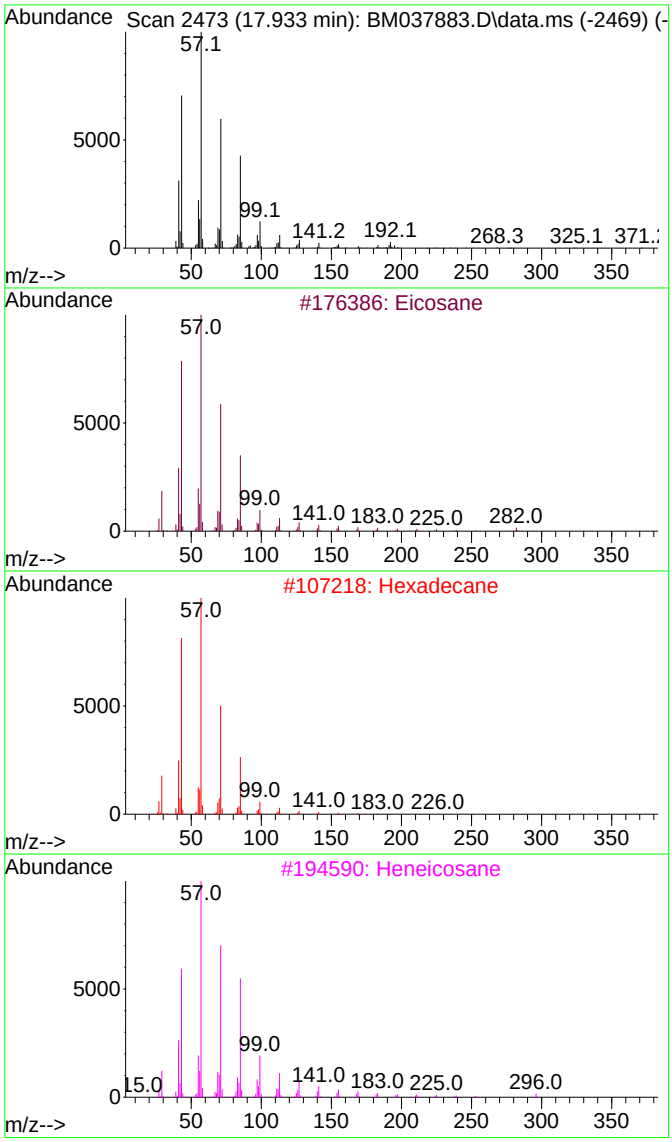
Quant Title : SVOA CALIBRATION

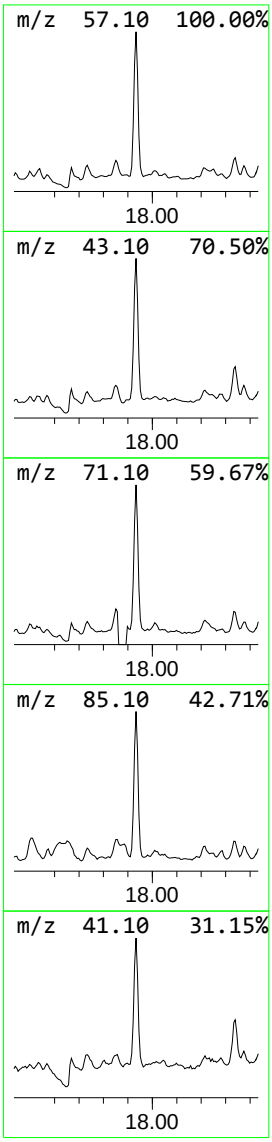
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	31.56 ng/ul	3239300	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Heptacosane	380	C27H56	000593-49-7	87





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ALS Vial : 9 Sample Multiplier: 1

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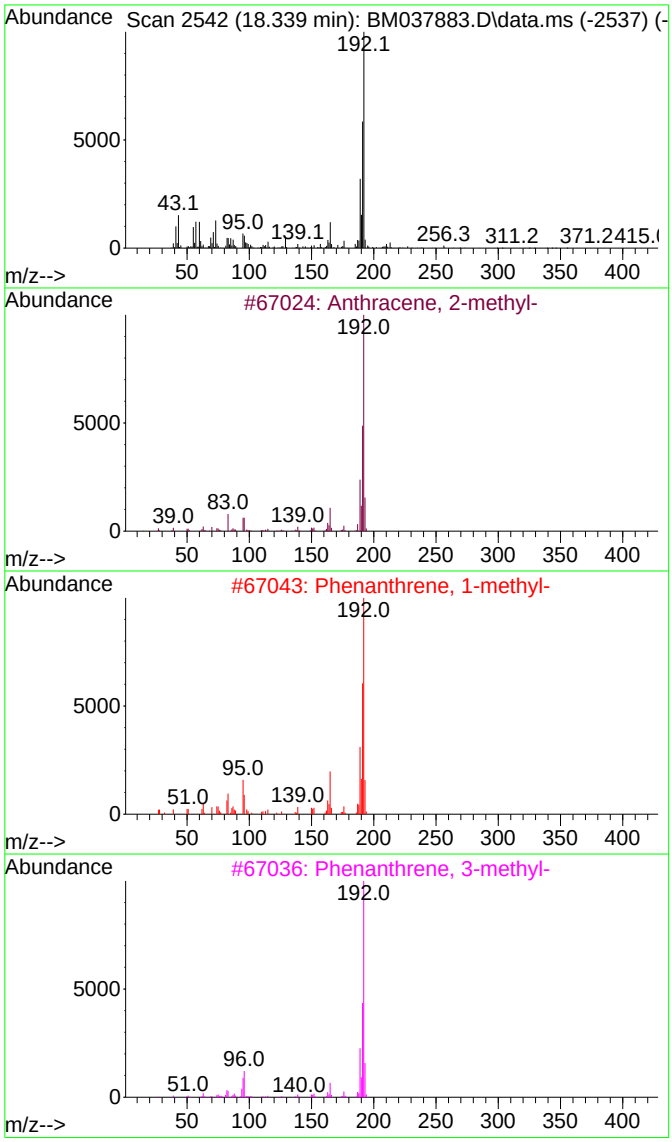
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

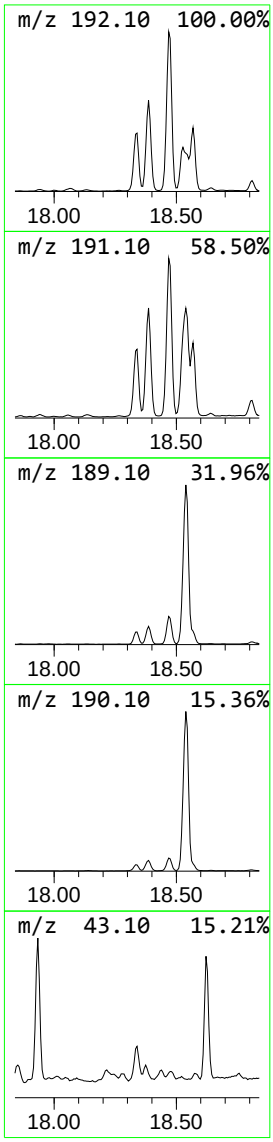
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	40.38 ng/ul	4145090	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





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Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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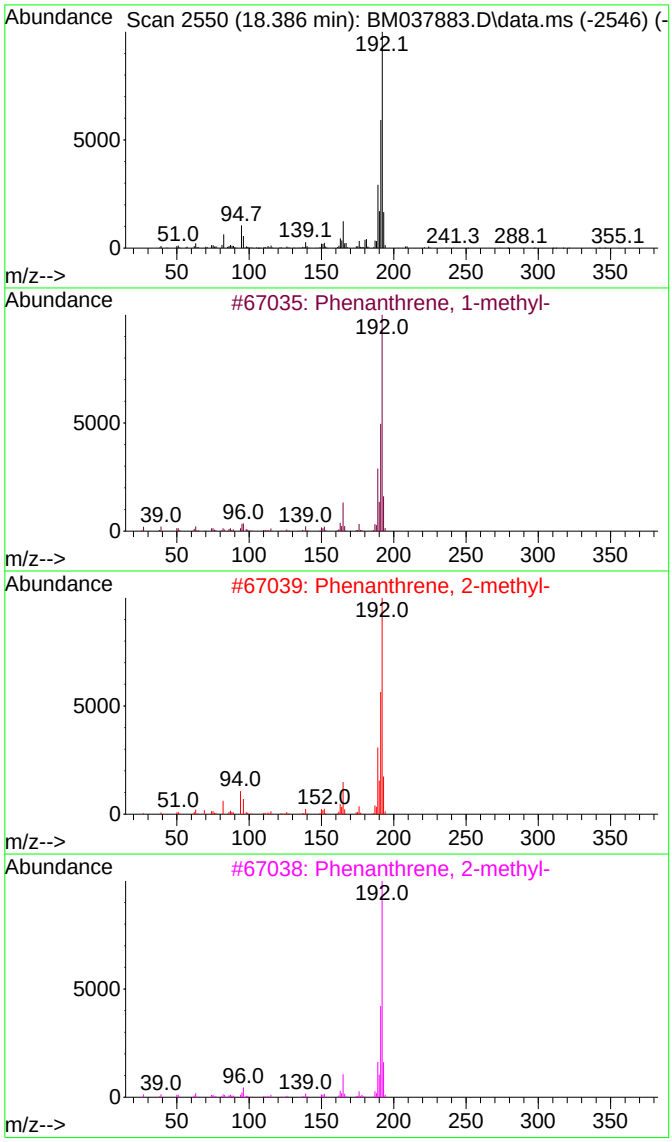
Quant Title : SVOA CALIBRATION

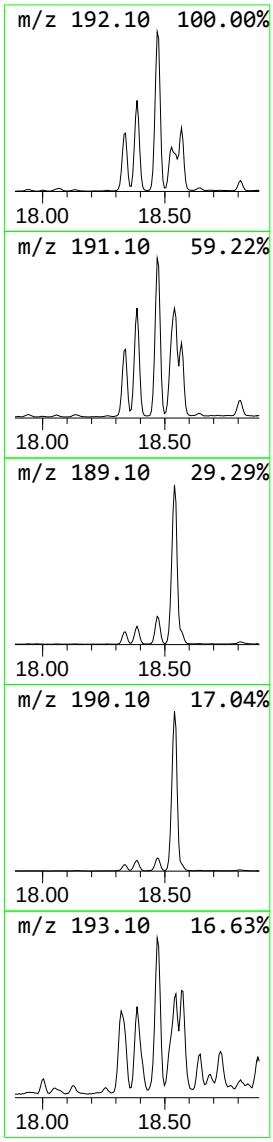
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	50.36 ng/ul	5169320	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Sample : N5832-12
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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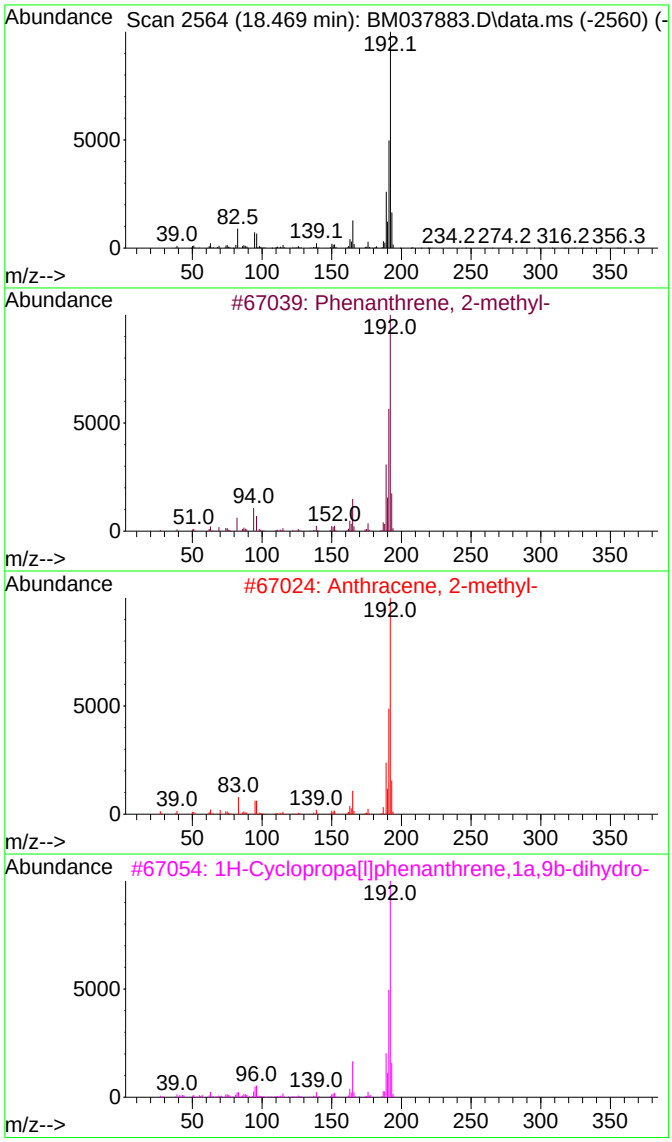
Quant Title : SVOA CALIBRATION

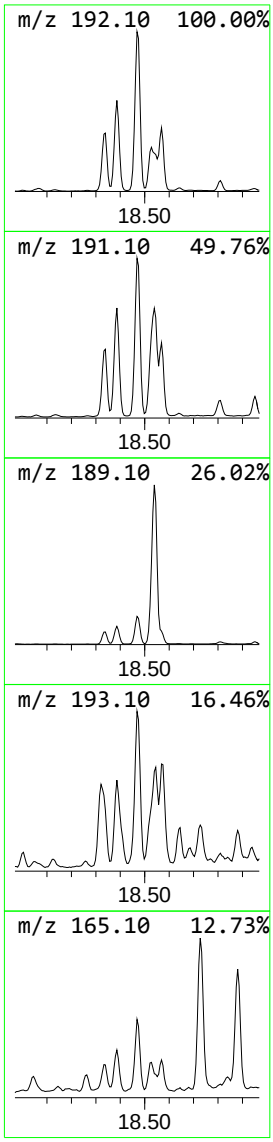
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	72.57 ng/ul	7449500	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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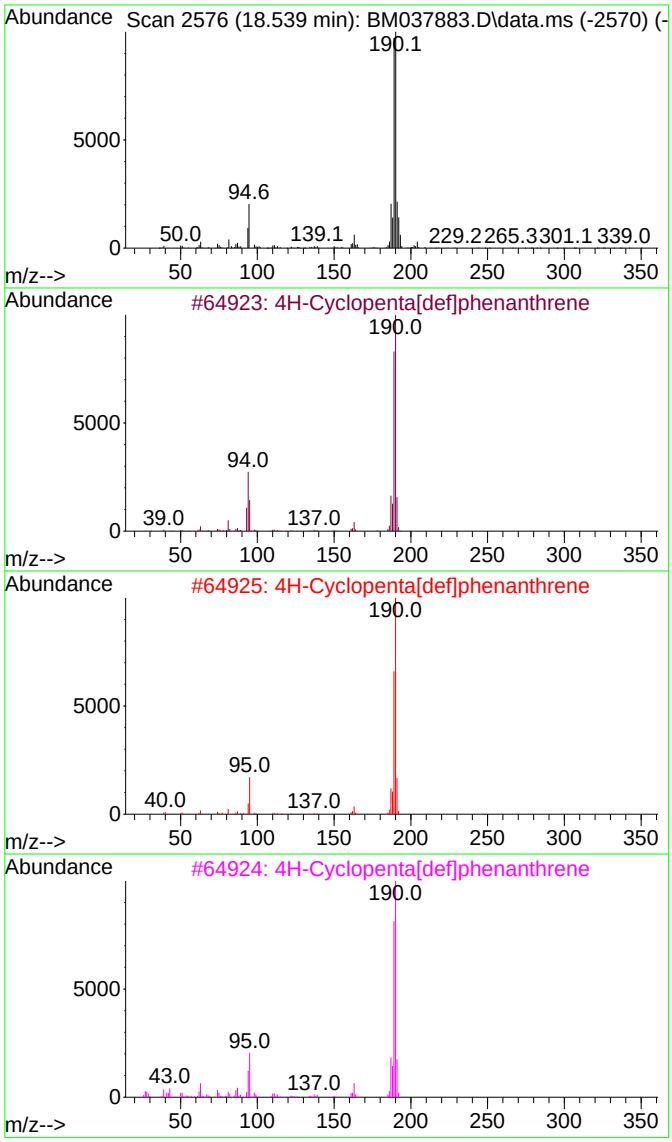
Quant Title : SVOA CALIBRATION

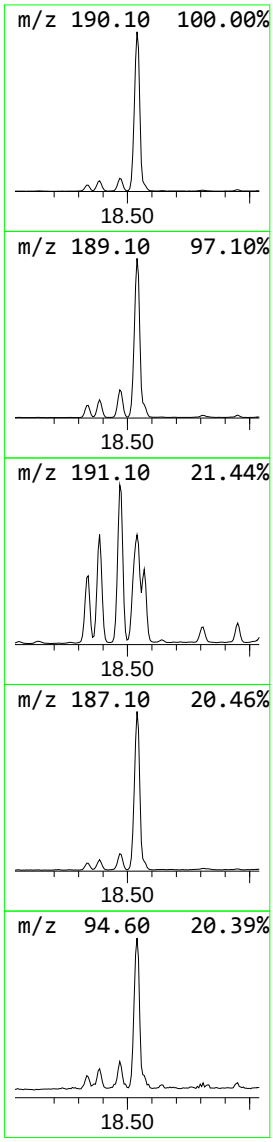
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	167.46 ng/ul	17189600	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	97
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	59
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56





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Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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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

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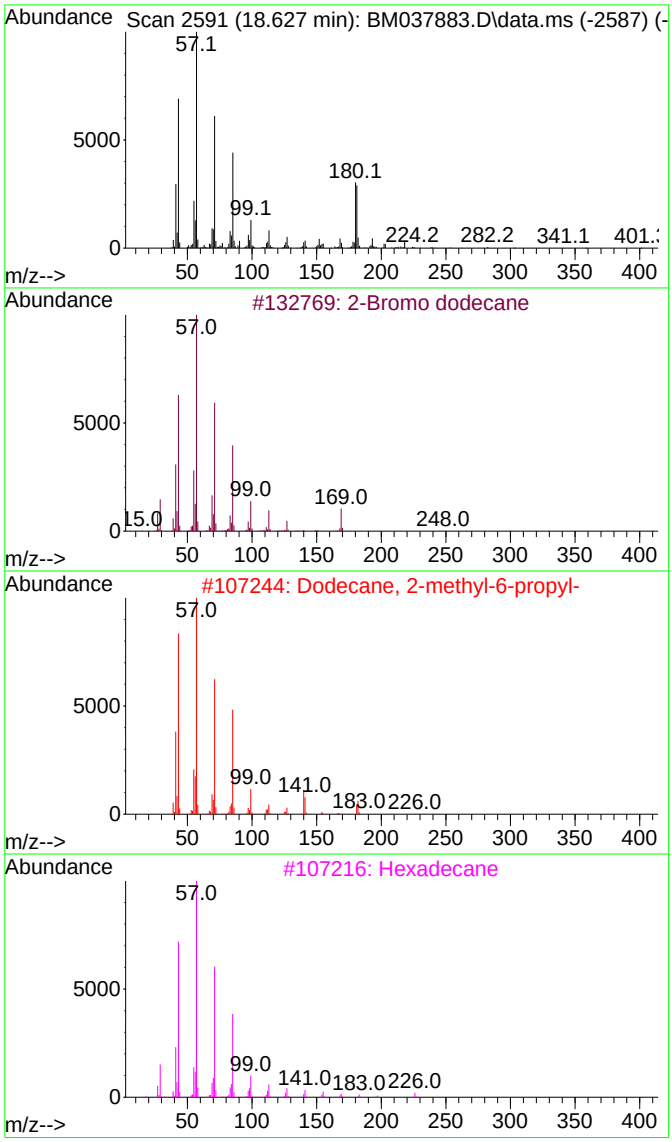
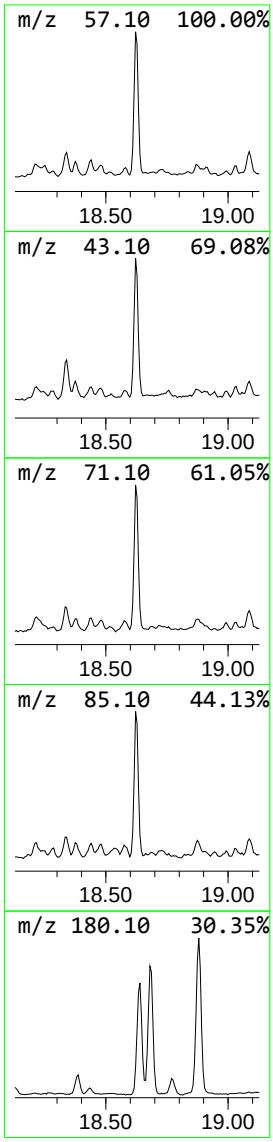
Peak Number 21 2-Bromo dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	38.14 ng/ul	3915180	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	70
3	Hexadecane	226	C16H34	000544-76-3	58
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	58
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58





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Quant Title : SVOA CALIBRATION

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

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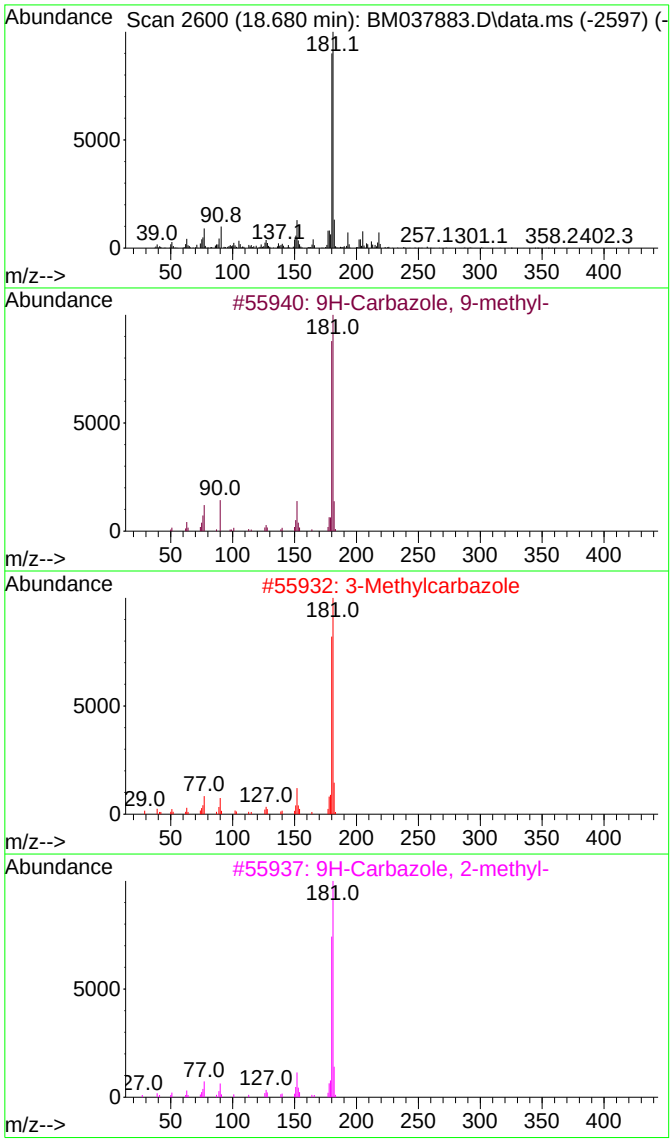
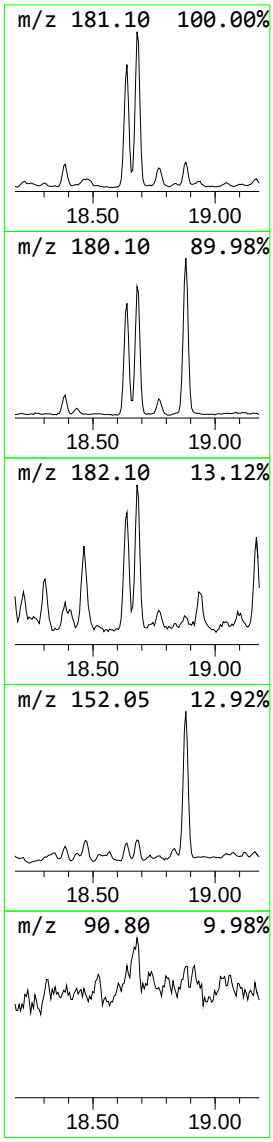
Peak Number 22 9H-Carbazole, 9-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	13.12 ng/ul	1346510	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
2	3-Methylcarbazole	181	C13H11N	004630-20-0	92
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	92
4	3-Methylcarbazole	181	C13H11N	004630-20-0	91
5	4-Methylcarbazole	181	C13H11N	003770-48-7	83





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Misc :
ALS Vial : 9 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

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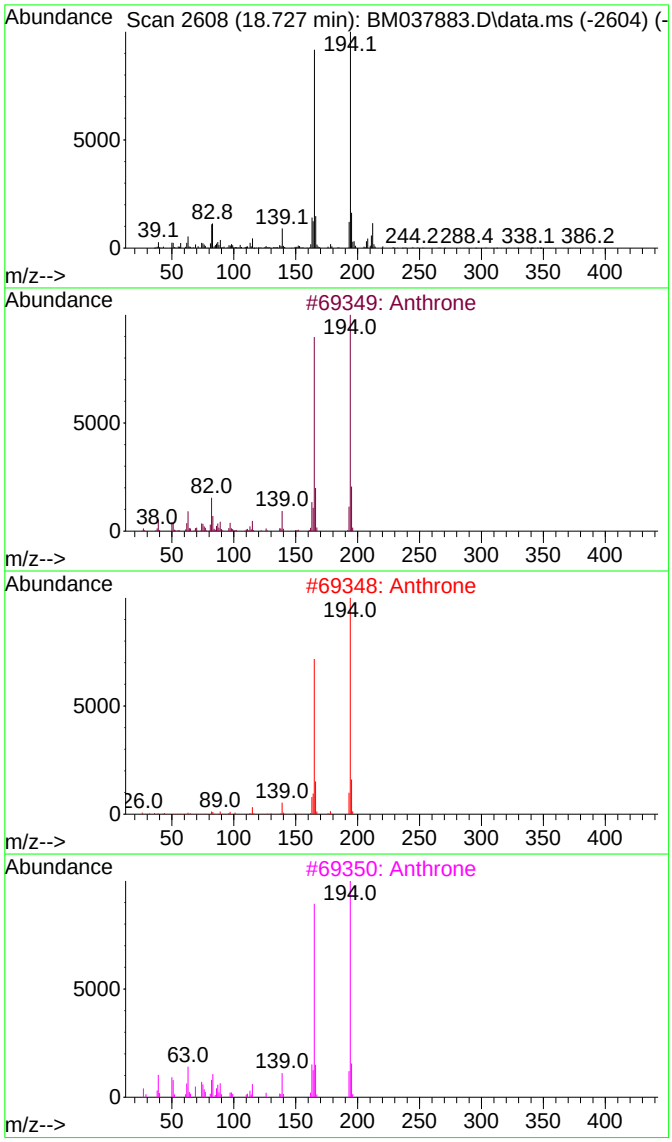
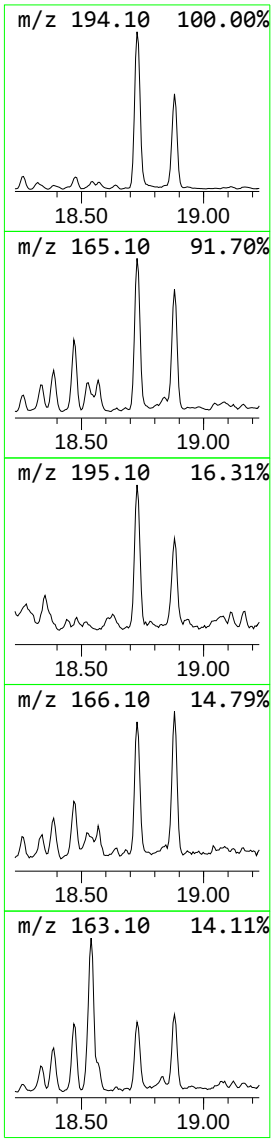
Peak Number 23 Anthrone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.727	33.92 ng/ul	3481800	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	95
2	Anthrone	194	C14H10O	000090-44-8	94
3	Anthrone	194	C14H10O	000090-44-8	94
4	Anthrone	194	C14H10O	000090-44-8	93
5	9-anthracenol	194	C14H10O	1000400-30-3	90





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Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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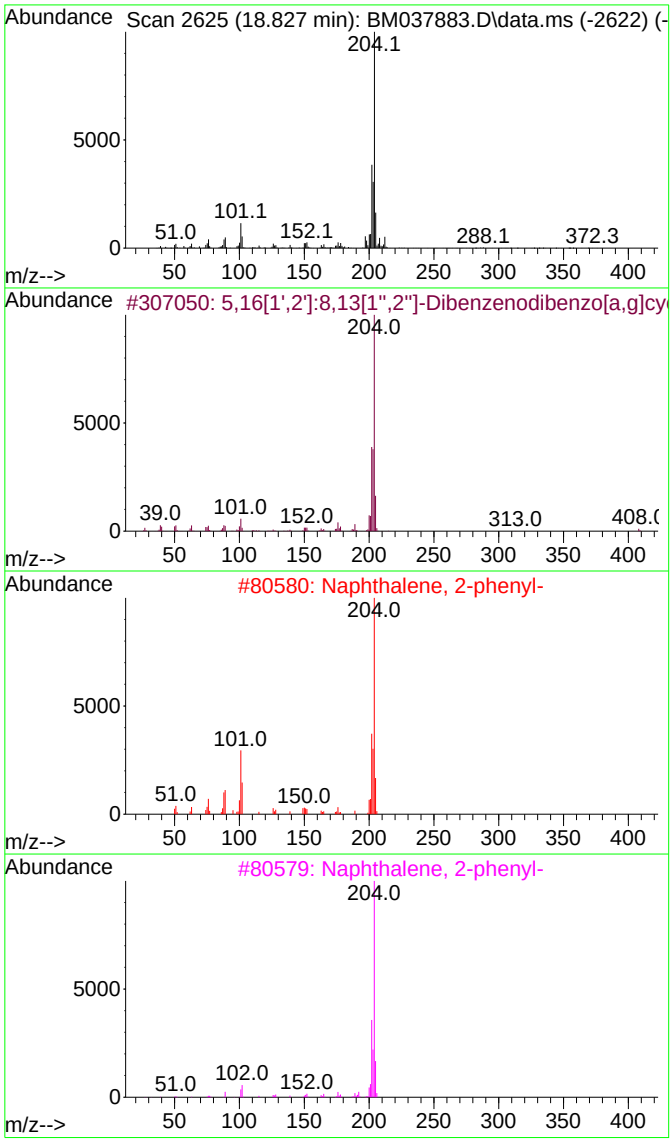
Quant Title : SVOA CALIBRATION

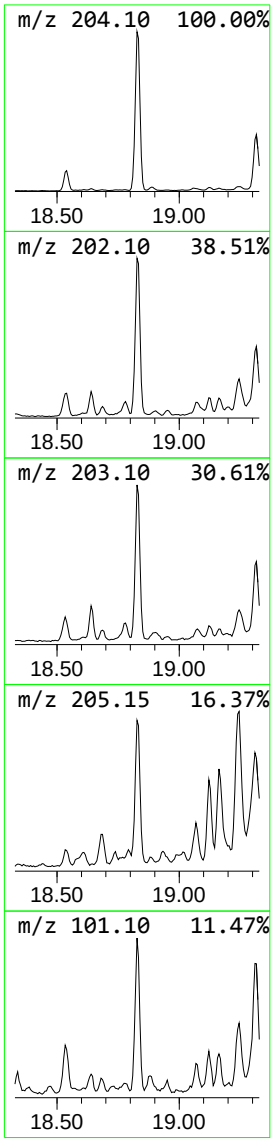
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.827	25.25 ng/ul	2592270	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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ClientSampleId :
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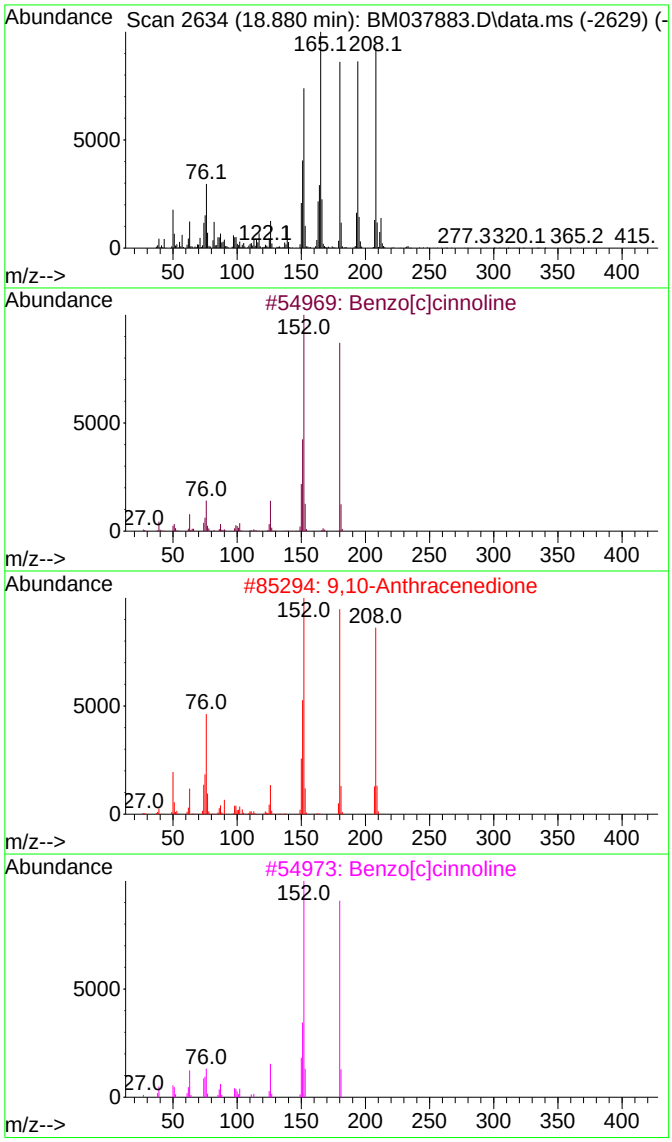
Quant Title : SVOA CALIBRATION

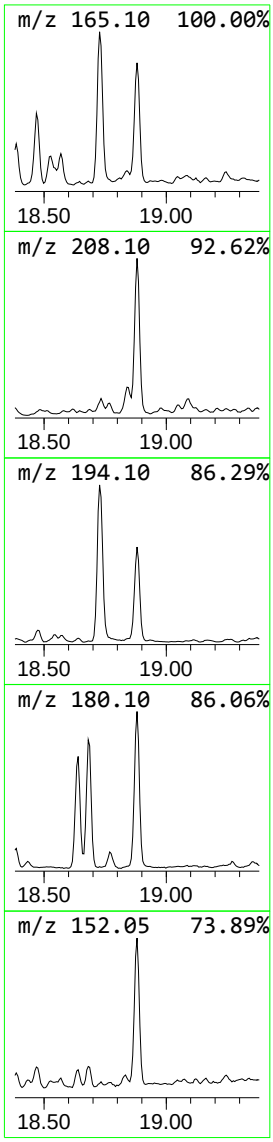
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzo[c]cinnoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	51.14 ng/ul	5249130	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	87
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	74
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	74





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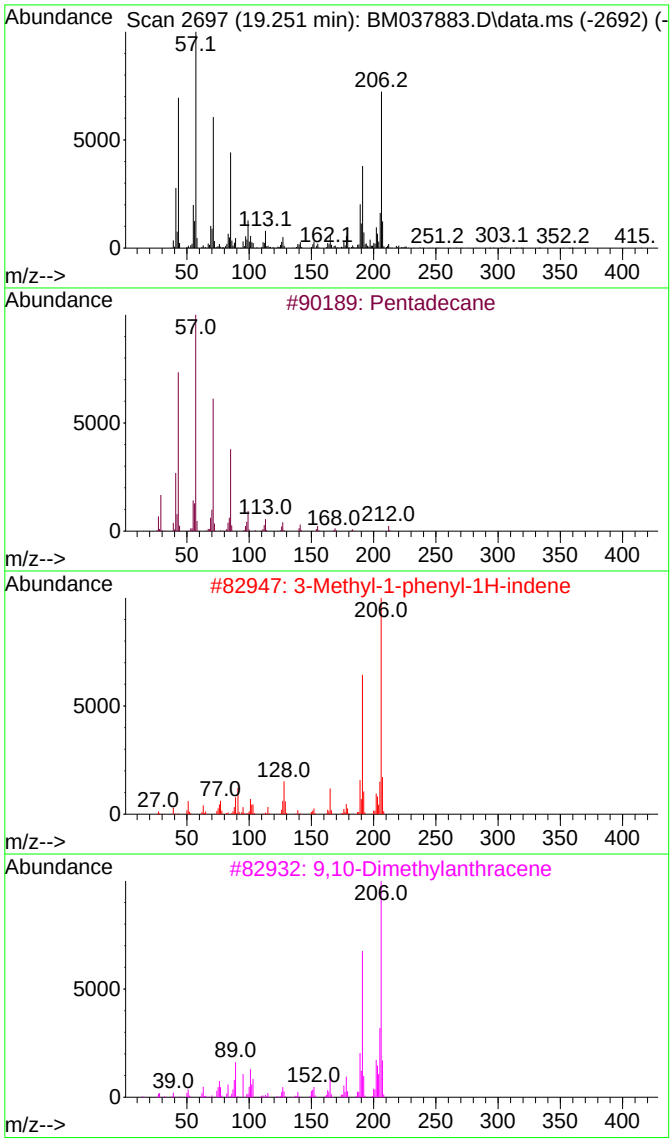
Quant Title : SVOA CALIBRATION

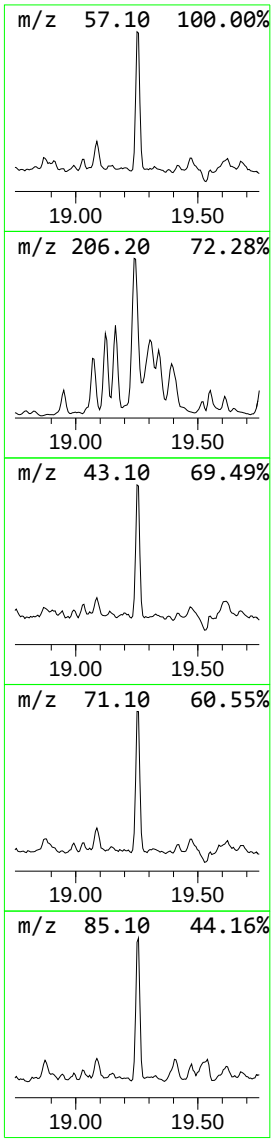
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	43.89 ng/ul	4505590	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	62





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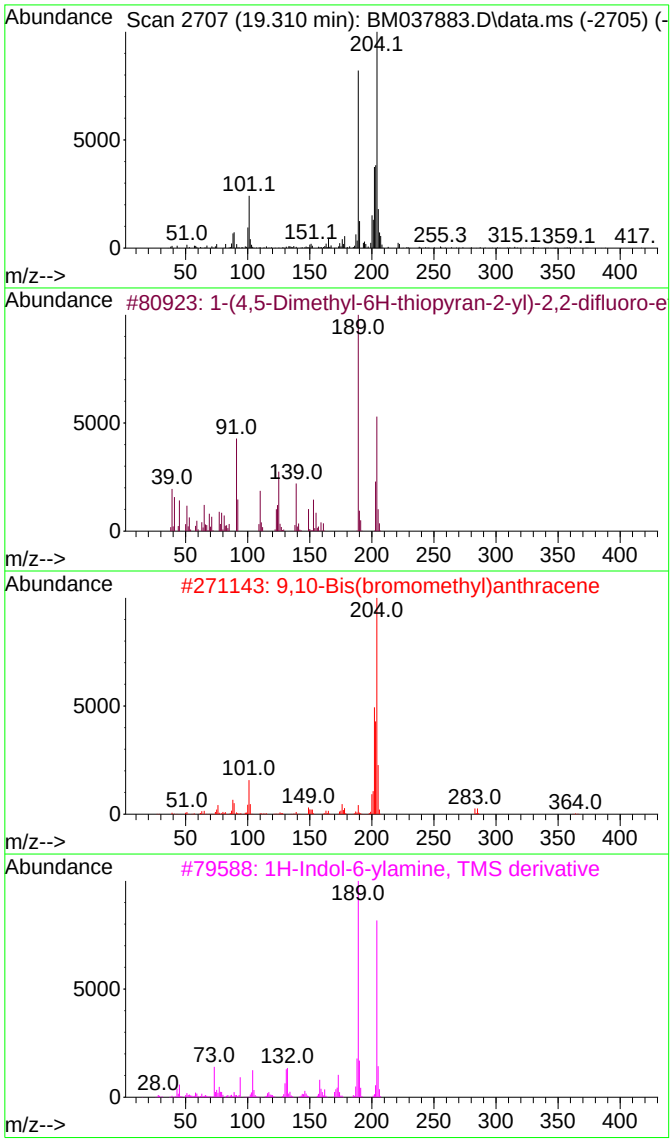
Quant Title : SVOA CALIBRATION

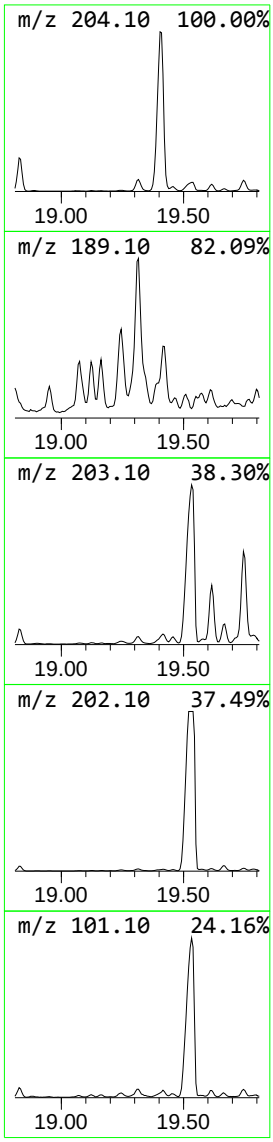
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1-(4,5-Dimethyl-6H-thiopyra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	23.29 ng/ul	2390970	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	59
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
3	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	50
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
5	1H-Cycloprop[e]azulene, 1a,2,3,4...	204	C15H24	000489-40-7	49





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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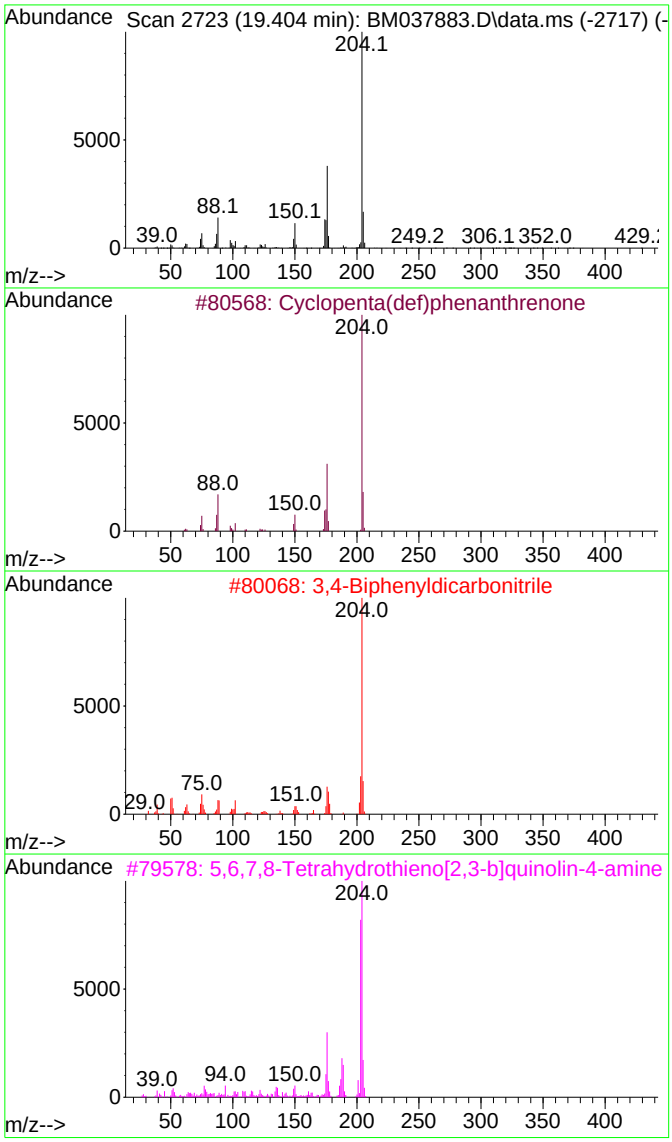
Quant Title : SVOA CALIBRATION

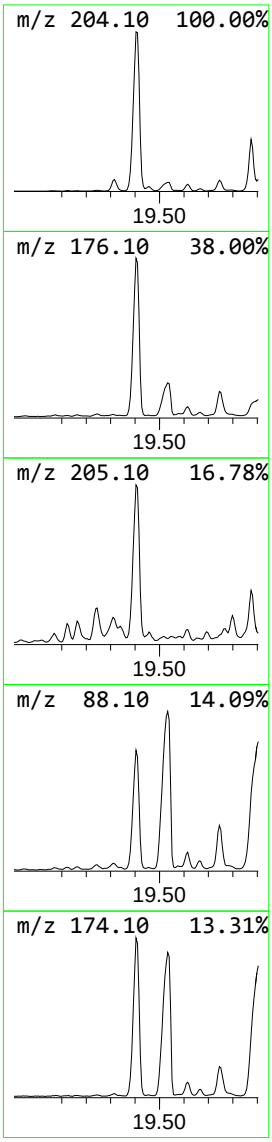
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	148.67 ng/ul	15261400	Phenanthrene-d10	17.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	72
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	50
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

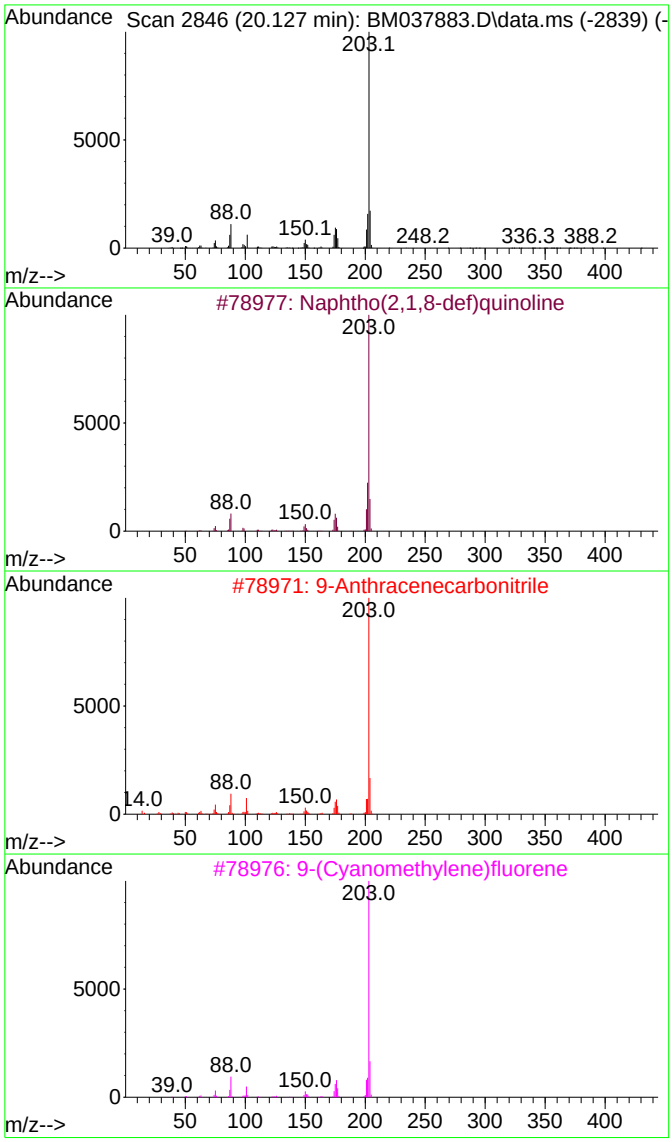
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

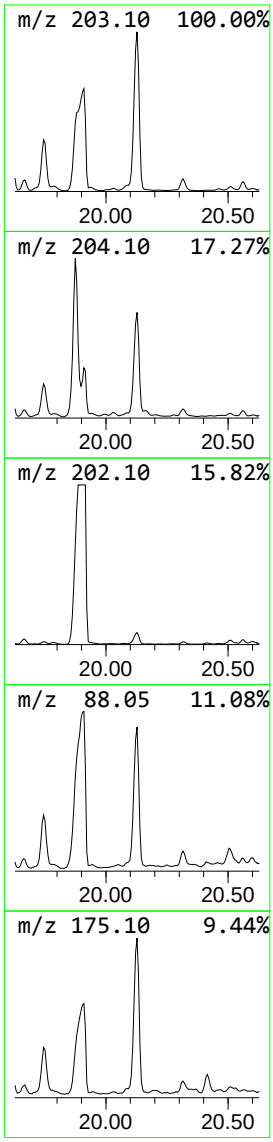
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphtho(2,1,8-def)quinoline Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.127	8.87 ng/ul	13617500	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
2	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
3	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	95
4	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95
5	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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

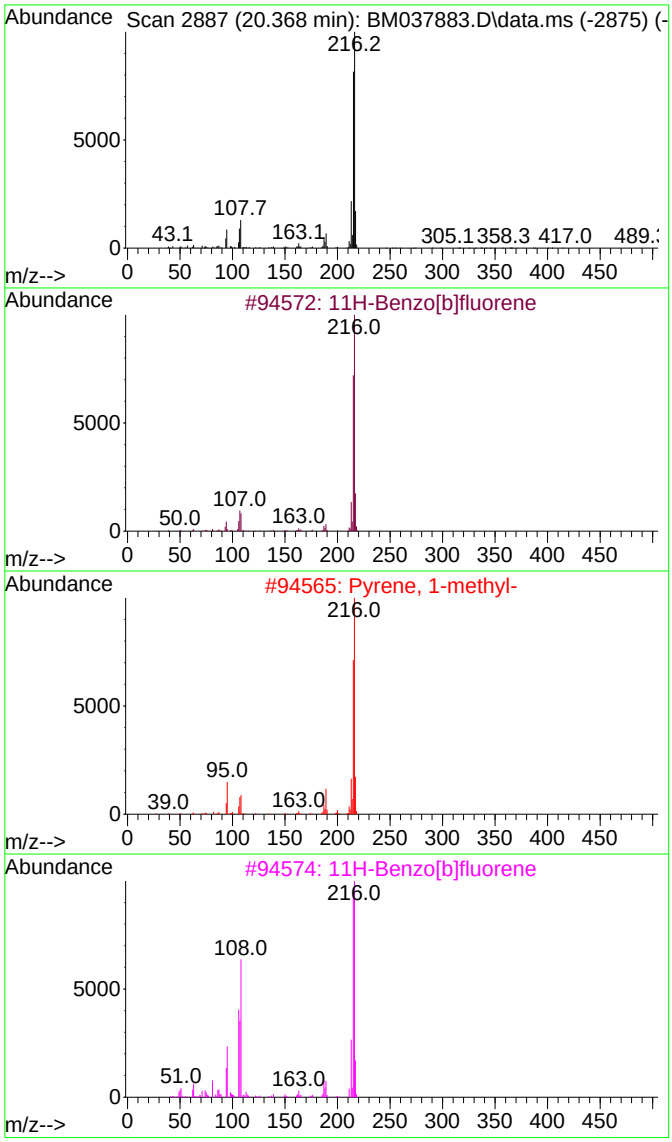
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

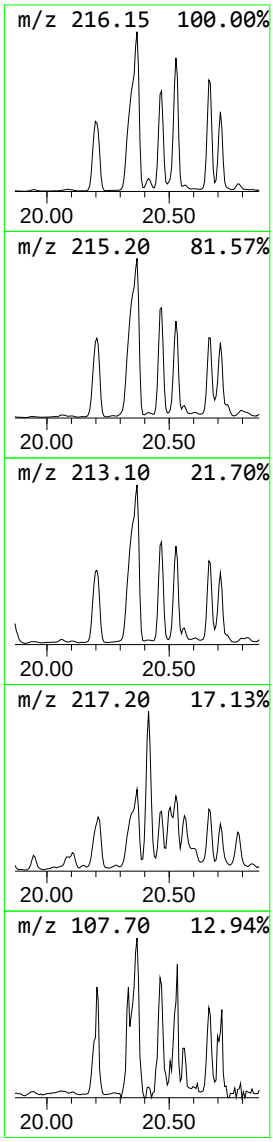
****

Peak Number 35 11H-Benzo[b]fluorene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.368	13.23 ng/ul	20302500	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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

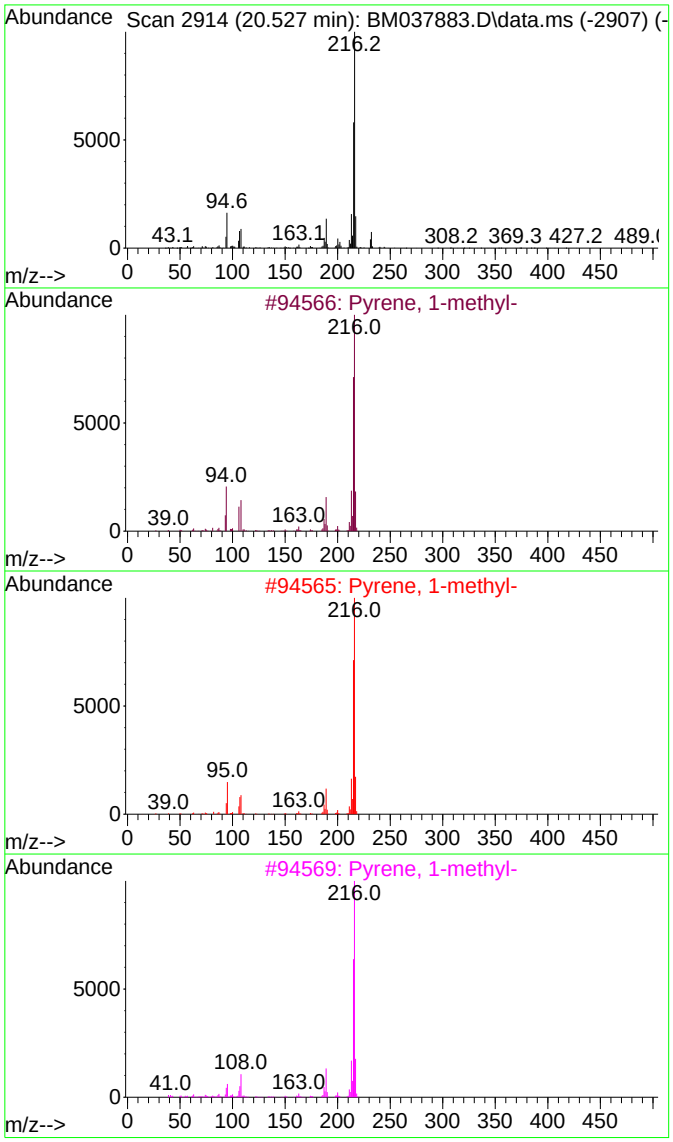
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

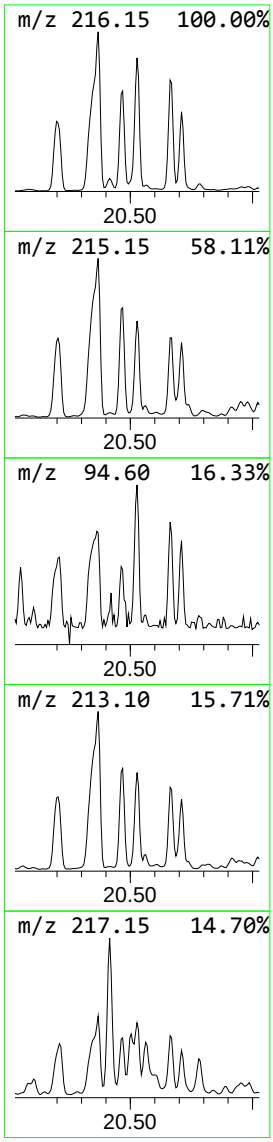
****

Peak Number 37 Pyrene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.527	7.06 ng/ul	10830000	Chrysene-d12	21.651

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	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





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Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

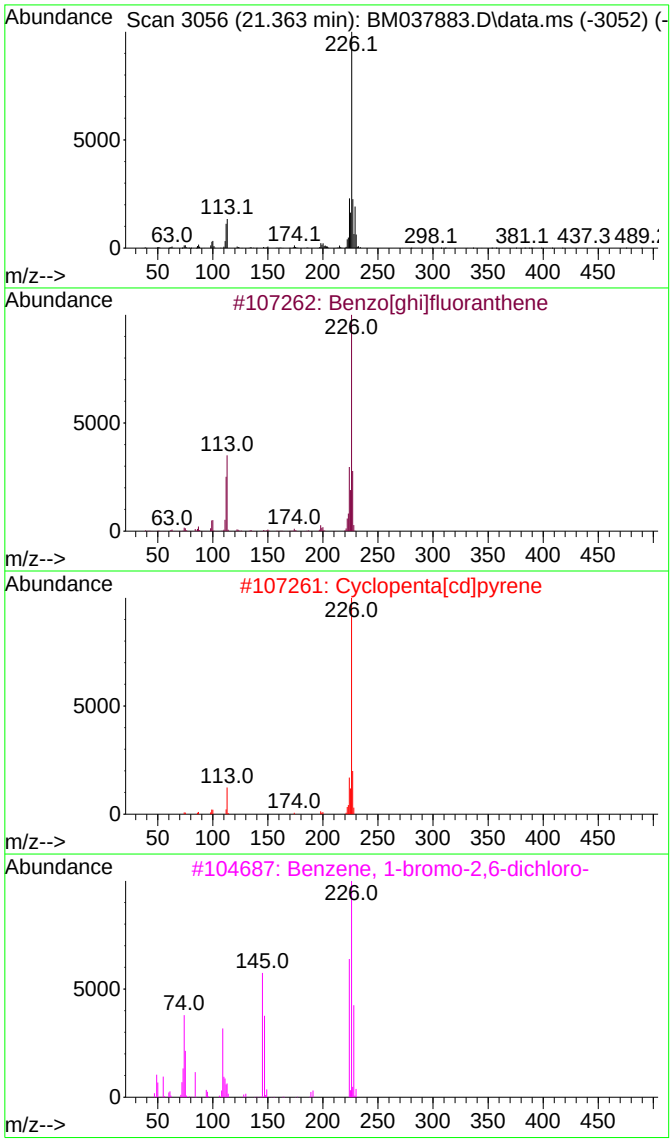
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

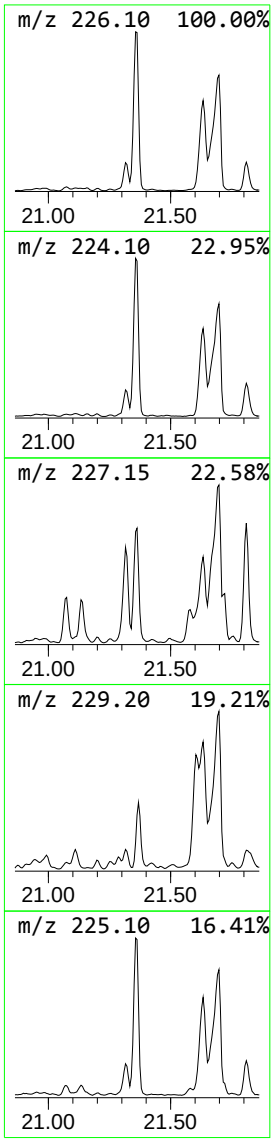
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzo[ghi]fluoranthene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.363	6.55 ng/ul	10054600	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	76
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
3	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	53
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	52
5	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

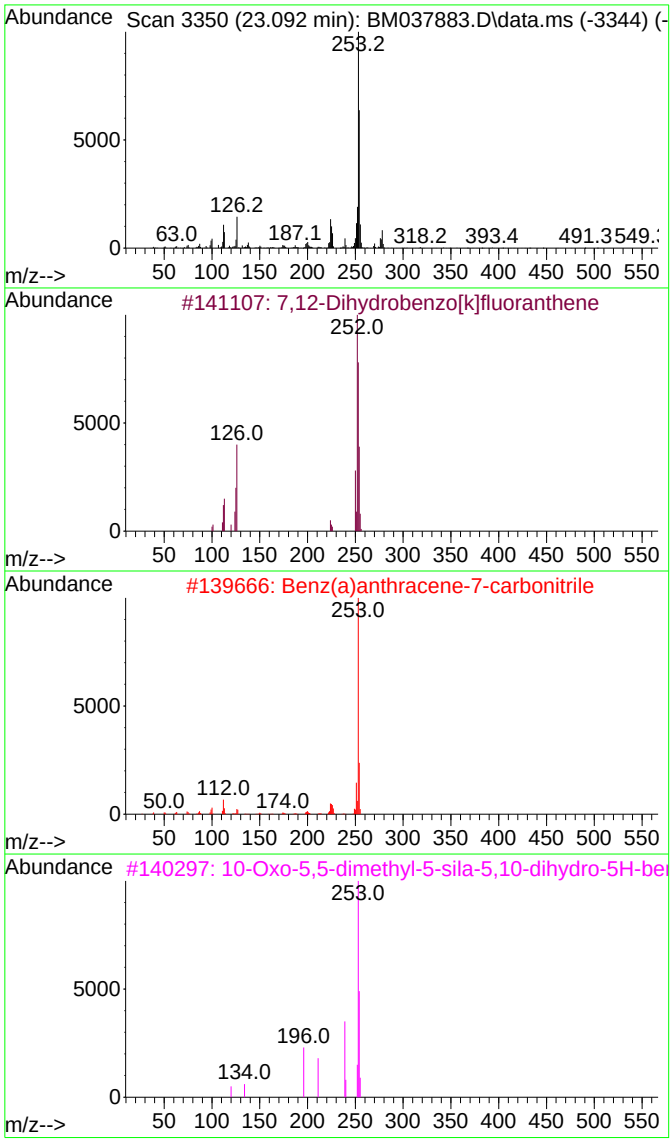
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

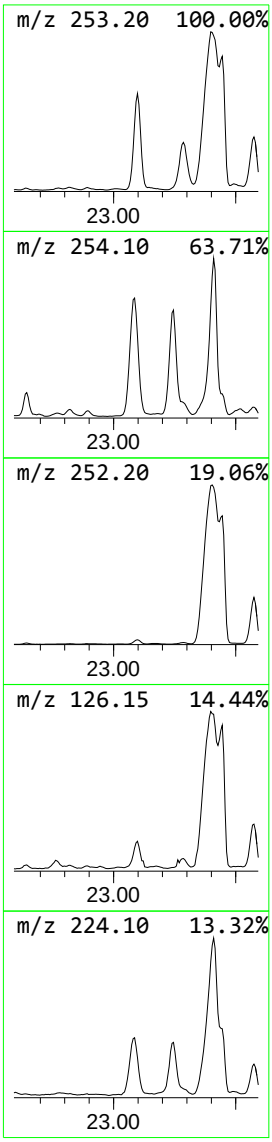
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.092	12.12 ng/ul	7205600	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
3	10-Oxo-5,5-dimethyl-5-sila-5,10-...	254	C14H14N2OSi	089052-45-9	59
4	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	58
5	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	53





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

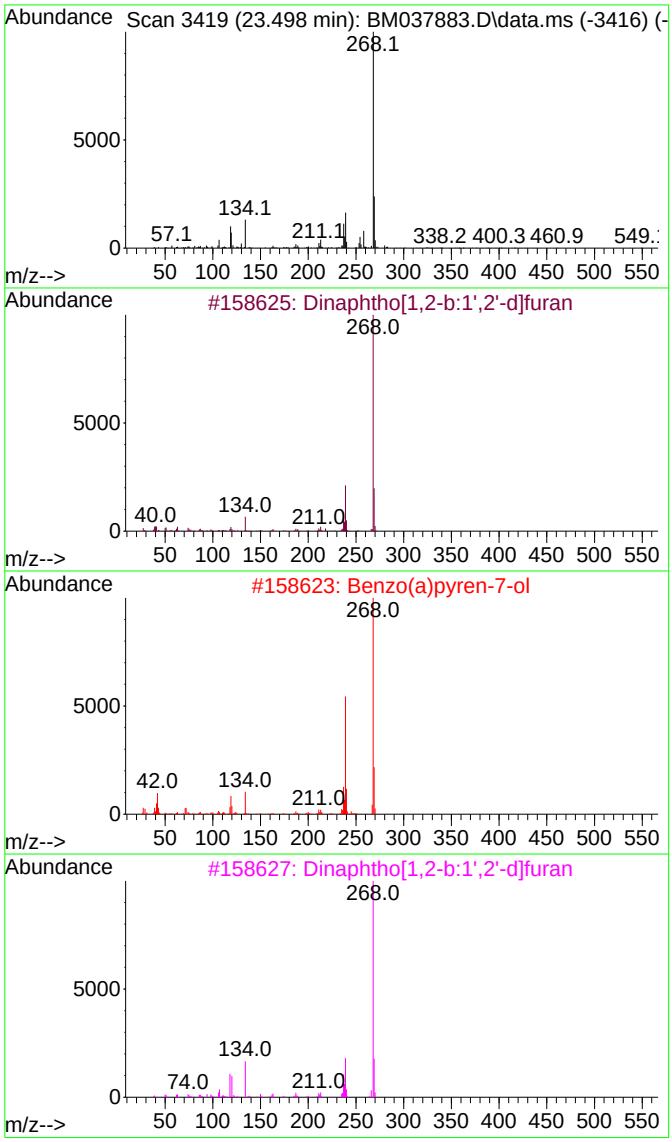
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

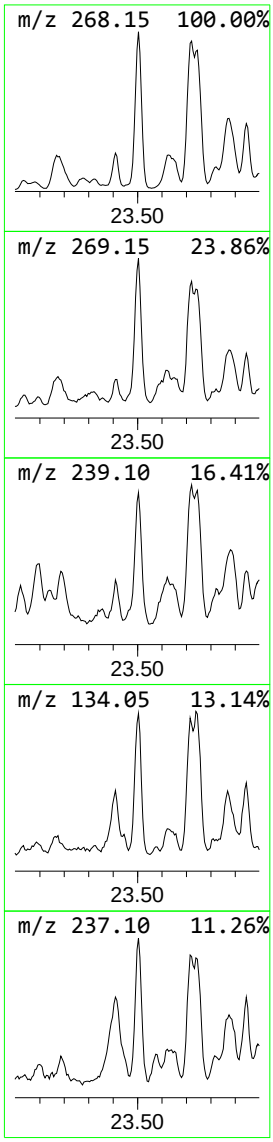
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.498	4.60 ng/ul	2734380	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	72
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	64
4	Benzene, 1,1'-(1-ethyl-1,2-ethen...	268	C18H20O2	025346-90-1	64
5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	64





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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

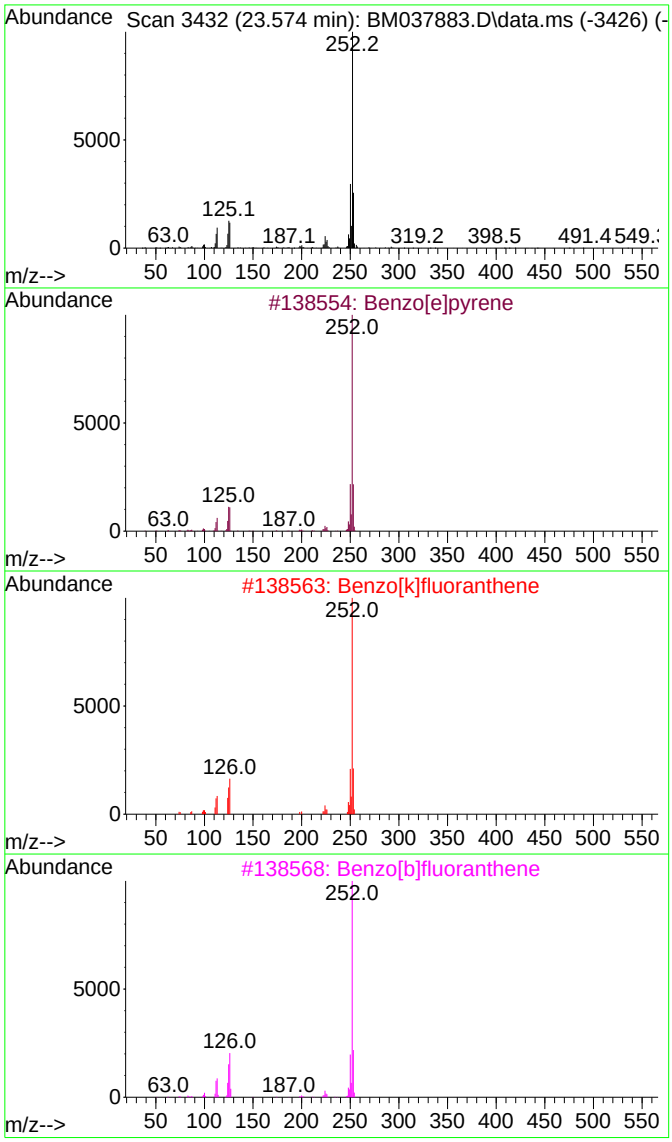
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

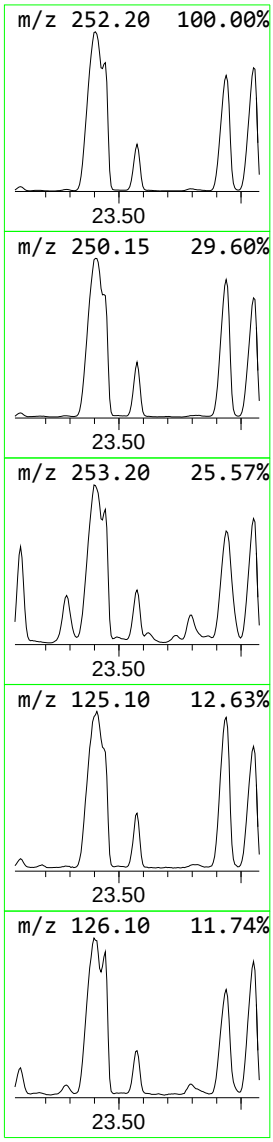
****

Peak Number 56 Benzo[e]pyrene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.574	12.03 ng/ul	7153970	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





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Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

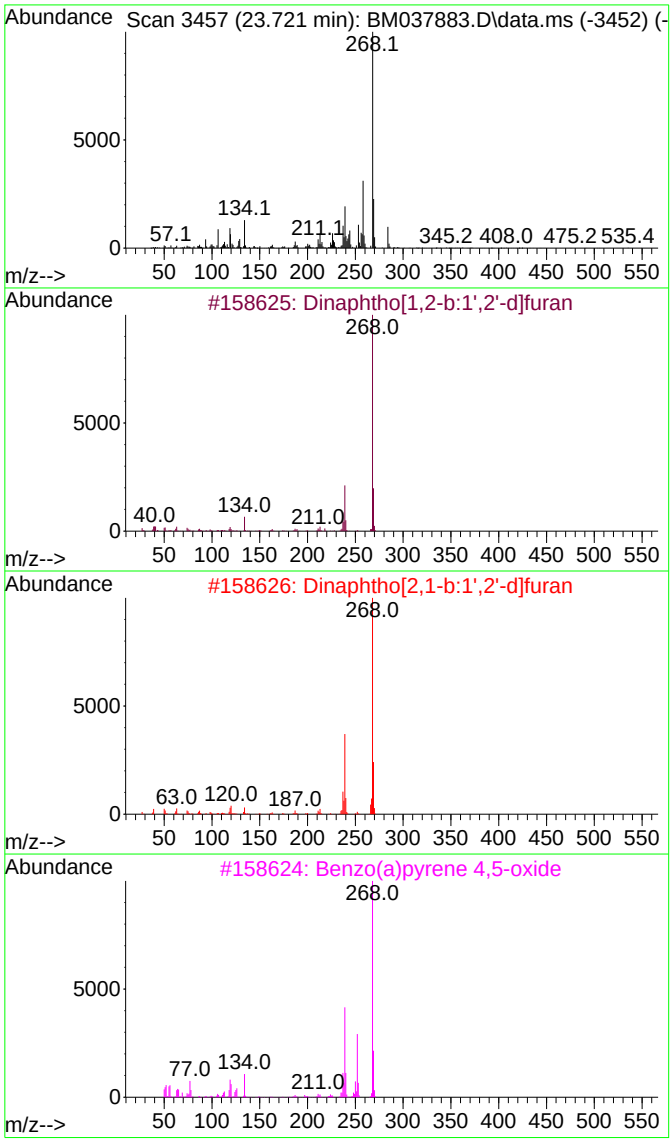
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

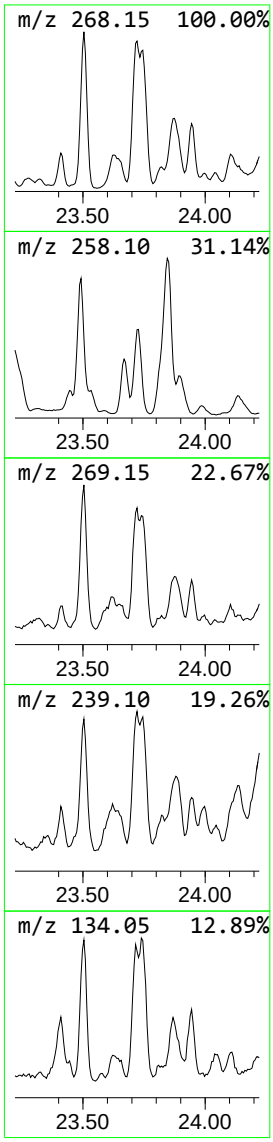
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Dinaphtho[2,1-b:1',2'-d]furan Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.721	7.11 ng/ul	4226470	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	76
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
4	(2E)-1,3-Bis(3-hydroxyphenyl)-2-...	268	C17H16O3	1000504-86-0	53
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

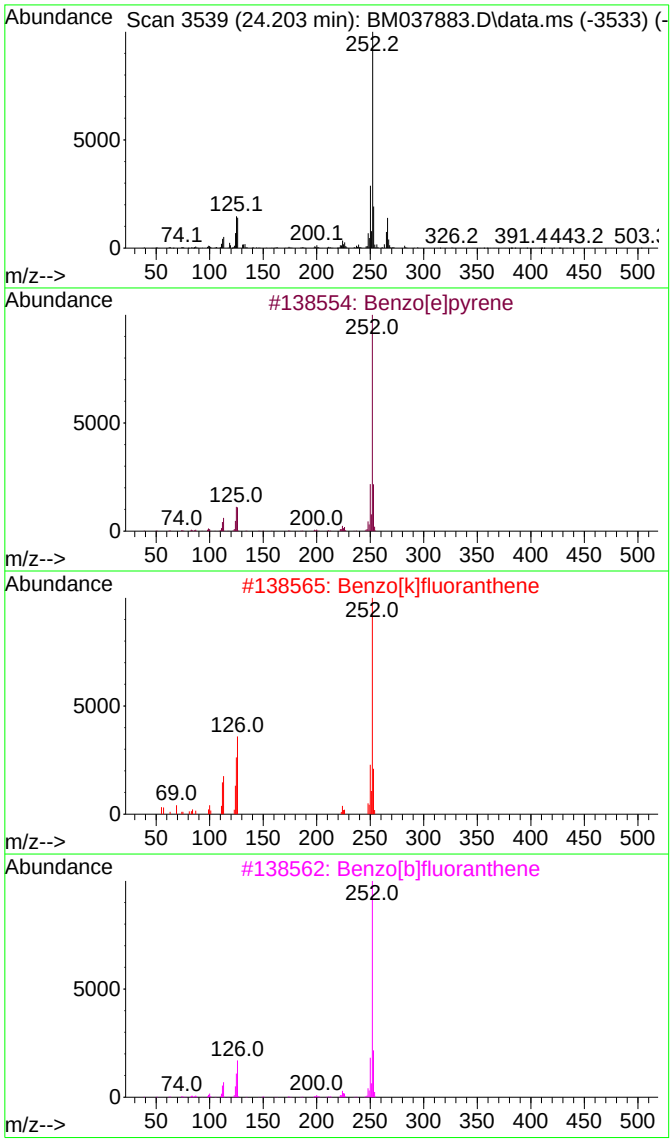
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

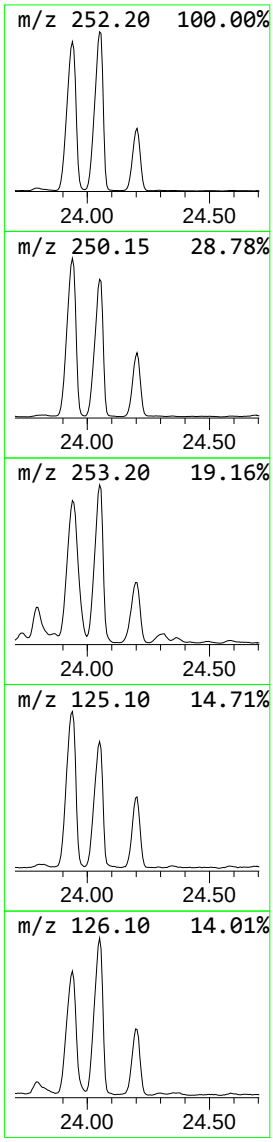
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.203	20.00 ng/ul	11893500	Perylene-d12	24.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037883.D
Acq On : 08 Dec 2022 12:54
Operator : CG/JU
Sample : N5832-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXK9

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
Biphenyl	13.551	14.3	ng/ul	1621010	3	14.716	2266840	20.0
(DEL) Alkane: S...	14.592	14.4	ng/ul	1632710	3	14.716	2266840	20.0
Dibenzo furan	15.116	67.2	ng/ul	7617680	3	14.716	2266840	20.0
(DEL) Alkane: S...	15.539	19.2	ng/ul	2172290	3	14.716	2266840	20.0
9H-Fluoren-9-ol	16.051	11.4	ng/ul	1296300	3	14.716	2266840	20.0
Dibenzofuran, 4...	16.198	18.7	ng/ul	1920930	4	17.463	2053010	20.0
(DEL) Alkane: S...	16.398	41.6	ng/ul	4266160	4	17.463	2053010	20.0
1(2H)-Acenaphth...	16.427	34.5	ng/ul	3538010	4	17.463	2053010	20.0
9H-Fluorene, 2-...	16.757	16.9	ng/ul	1740250	4	17.463	2053010	20.0
3'-Methyl-[1,1'...	17.028	12.8	ng/ul	1317260	4	17.463	2053010	20.0
(DEL) Alkane: S...	17.198	43.1	ng/ul	4427690	4	17.463	2053010	20.0
(DEL) Alkane: S...	17.251	23.2	ng/ul	2385110	4	17.463	2053010	20.0
Dibenzothiophene	17.275	28.2	ng/ul	2891670	4	17.463	2053010	20.0
Naphtho[2,3-b]t...	17.751	30.3	ng/ul	3114610	4	17.463	2053010	20.0
5H-Indeno[1,2-b...	17.886	281.7	ng/ul	28918700	4	17.463	2053010	20.0
(DEL) Alkane: S...	17.933	31.6	ng/ul	3239300	4	17.463	2053010	20.0
Anthracene, 2-m...	18.339	40.4	ng/ul	4145090	4	17.463	2053010	20.0
Phenanthrene, 1...	18.386	50.4	ng/ul	5169320	4	17.463	2053010	20.0
Phenanthrene, 2...	18.469	72.6	ng/ul	7449500	4	17.463	2053010	20.0
4H-Cyclopenta[d...	18.539	167.5	ng/ul	17189600	4	17.463	2053010	20.0
2-Bromo dodecane	18.627	38.1	ng/ul	3915180	4	17.463	2053010	20.0
9H-Carbazole, 9...	18.680	13.1	ng/ul	1346510	4	17.463	2053010	20.0
Anthrone	18.727	33.9	ng/ul	3481800	4	17.463	2053010	20.0
5,16[1',2']:8,1...	18.827	25.3	ng/ul	2592270	4	17.463	2053010	20.0
Benzo[c]cinnoline	18.880	51.1	ng/ul	5249130	4	17.463	2053010	20.0
(DEL) Alkane: S...	19.251	43.9	ng/ul	4505590	4	17.463	2053010	20.0
1-(4,5-Dimethyl...	19.310	23.3	ng/ul	2390970	4	17.463	2053010	20.0
Cyclopenta(def)...	19.404	148.7	ng/ul	15261400	4	17.463	2053010	20.0
Naphtho(2,1,8-d...	20.127	8.9	ng/ul	13617500	5	21.651	30701000	20.0
11H-Benzo[b]flu...	20.368	13.2	ng/ul	20302500	5	21.651	30701000	20.0
Pyrene, 1-methyl-	20.527	7.1	ng/ul	10830000	5	21.651	30701000	20.0
Benzo[ghi]fluor...	21.363	6.5	ng/ul	10054600	5	21.651	30701000	20.0
7,12-Dihydroben...	23.092	12.1	ng/ul	7205600	6	24.139	11893500	20.0
Dinaphtho[1,2-b...	23.498	4.6	ng/ul	2734380	6	24.139	11893500	20.0
Benzo[e]pyrene	23.574	12.0	ng/ul	7153970	6	24.139	11893500	20.0
Dinaphtho[2,1-b...	23.721	7.1	ng/ul	4226470	6	24.139	11893500	20.0
unknown-01	24.203	20.0	ng/ul	11893500	6	24.139	11893500	20.0