LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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: BM037929.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.193	133	137	144	rVB3	14867	20214	0.21%	0.034%
2	7.234	649	654	662	rBV2	38828	63769	0.65%	0.108%
3	7.404	678	683	690	rVB	32225	48186	0.49%	0.082%
4	7.604	712	717	726	rVB	39120	64053	0.66%	0.109%
5	8.081	789	798	804	rBV	781365	1201995	12.30%	2.043%
6	8.628	883	891	900	rBV	32320	68597	0.70%	0.117%
7	8.792	914	919	927	rBV2	38859	64394	0.66%	0.109%
8	9.251	992	997	1005	rBV2	33065	57344	0.59%	0.097%
9	9.975	1115	1120	1128	rVB3	21483	38581	0.39%	0.066%
10	10.516	1206	1212	1220	rVB2	32803	62245	0.64%	0.106%
11	10.898	1270	1277	1283	rBV	923086	1517050	15.52%	2.579%
12	10.951	1283	1286	1295	rVB	77482	118008	1.21%	0.201%
13	11.039	1295	1301	1311	rBV3	18851	47475	0.49%	0.081%
14	12.551	1551	1558	1566	rVB	47857	74943	0.77%	0.127%
15	12.669	1573	1578	1584	rBV7	6467	15362	0.16%	0.026%
16	12.769	1589	1595	1601	rVB2	22905	44147	0.45%	0.075%
17	13.521	1719	1723	1725	rBV5	11380	16507	0.17%	0.028%
18	13.545	1725	1727	1733	rVB	14495	17945	0.18%	0.031%
19	13.874	1776	1783	1785	rBV8	10276	16139	0.17%	0.027%
20	14.033	1803	1810	1814	rBV9	9078	22945	0.23%	0.039%
21	14.115	1820	1824	1829	rVB	52384	72221	0.74%	0.123%
22	14.174	1829	1834	1838	rVB5	14214	23970	0.25%	0.041%
23	14.239	1840	1845	1849	rBV	30319	48111	0.49%	0.082%
24	14.404	1866	1873	1875	rBV2	66044	107666	1.10%	0.183%
25	14.433	1875	1878	1889	rVV	137347	227525	2.33%	0.387%
26	14.586	1900	1904	1909	rBV	62700	78085	0.80%	0.133%
27	14.710	1918	1925	1932	rVV	1089754	1664777	17.03%	2.830%
28	14.768	1932	1935	1944	rVV	72028	128965	1.32%	0.219%
29	14.851	1946	1949	1953	rVV6	11381	18585	0.19%	0.032%
30	14.904	1953	1958	1968	rVB10	16358	51701	0.53%	0.088%
31	15.104	1985	1992	1997	rBV	84774	134285	1.37%	0.228%
32	15.204	2006	2009	2014	rVB5	15324	20609	0.21%	0.035%
33	15.327	2026	2030	2035	rVB2	19670	29513	0.30%	0.050%
34	15.386	2038	2040	2048	rVV3	9758	17264	0.18%	0.029%
35	15.486	2051	2057	2059	rBV5	12072	23374	0.24%	0.040%
36	15.533	2060	2065	2069	rVB	69172	87857	0.90%	0.149%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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	15.692	2088	2092	2097	rBV	86692	123645	1.26%	0.210%
38	15.751	2097	2102	2109	rVV	128462	201217	2.06%	0.342%
39	15.815	2109	2113	2120	rVB8	17153	35907	0.37%	0.061%
40	15.939	2127	2134	2139	rBV3	36520	73875	0.76%	0.126%
41	16.039	2147	2151	2157	rBV6	20775	39510	0.40%	0.067%
42	16.086	2157	2159	2164	rVB5	17278	20619	0.21%	0.035%
43	16.157	2168	2171	2174	rBV3	15544	21345	0.22%	0.036%
44	16.392	2207	2211	2213	rBV	131451	169114	1.73%	0.287%
45	16.421	2213	2216	2226	rVB3	106044	182882	1.87%	0.311%
46	16.739	2266	2270	2277	rBV7	23912	54717	0.56%	0.093%
47	16.798	2277	2280	2286	rVB6	19636	30035	0.31%	0.051%
48	16.898	2294	2297	2301	rBV6	24529	32043	0.33%	0.054%
49	16.974	2307	2310	2312	rBV4	14705	15504	0.16%	0.026%
50	17.104	2327	2332	2336	rBV2	63320	103298	1.06%	0.176%
51	17.186	2341	2346	2351	rBV	154106	214266	2.19%	0.364%
52	17.239	2351	2355	2358	rBV	76684	101360	1.04%	0.172%
53	17.451	2385	2391	2395	rBV	1373434	2021166	20.68%	3.435%
54	17.492	2395	2398	2403	rVB	650582	830382	8.49%	1.411%
55	17.580	2408	2413	2420	rVB	2645045	3719387	38.05%	6.322%
56	17.721	2435	2437	2445	rVB4	44348	63417	0.65%	0.108%
57	17.851	2454	2459	2467	rBV	327345	468181	4.79%	0.796%
58	17.921	2468	2471	2476	rVB	152141	181870	1.86%	0.309%
59	18.121	2502	2505	2511	rVB2	48301	73662	0.75%	0.125%
60	18.321	2536	2539	2543	rVB	72736	90623	0.93%	0.154%
61	18.368	2543	2547	2553	rVB2	100681	131782	1.35%	0.224%
62	18.450	2558	2561	2567	rVB	118472	163139	1.67%	0.277%
63	18.521	2568	2573	2577	rBV3	232538	361552	3.70%	0.615%
64	18.615	2585	2589	2594	rVB	164704	202318	2.07%	0.344%
65	18.709	2602	2605	2613	rBV	72935	112500	1.15%	0.191%
66	18.815	2621	2623	2626	rVB2	48065	49865	0.51%	0.085%
67	18.862	2627	2631	2636	rBV	223286	280524	2.87%	0.477%
68	19.239	2692	2695	2701	rVB3	146537	192784	1.97%	0.328%
69	19.374	2713	2718	2725	rBV	1475584	1992743	20.39%	3.387%
70	19.497	2734	2739	2745	rVB	1561919	2035134	20.82%	3.459%
71	19.592	2752	2755	2760	rVB	157954	189760	1.94%	0.323%
72	19.721	2773	2777	2778	rBV	184599	215446	2.20%	0.366%
73	19.739	2778	2780	2789	rVB	275177	369137	3.78%	0.627%
74	19.827	2790	2795	2796	rBV2	395602	540281	5.53%	0.918%
75	19.862	2796	2801	2808	rVB	7462781	9774970	100.00%	16.615%
76	20.033	2828	2830	2834	rBV2	63733	81065	0.83%	0.138%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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	20.103	2836	2842	2848	rVB	753203	1044975	10.69%	1.776%
78	20.192	2851	2857	2862	rVV5	98820	223850	2.29%	0.380%
79	20.333	2872	2881	2888	rVB5	410771	1107359	11.33%	1.882%
80	20.397	2888	2892	2896	rBV	188909	269007	2.75%	0.457%
81	20.444	2897	2900	2904	rBV2	157761	189973	1.94%	0.323%
82	20.509	2904	2911	2915	rBV3	438728	670085	6.86%	1.139%
83	20.650	2931	2935	2939	rBV	347086	469332	4.80%	0.798%
84	20.692	2939	2942	2950	rVB2	250455	337644	3.45%	0.574%
85	20.768	2952	2955	2958	rVV	87678	105666	1.08%	0.180%
86	20.839	2965	2967	2974	rVB4	102873	129187	1.32%	0.220%
87	21.003	2993	2995	2999	rVB2	105039	117688	1.20%	0.200%
88	21.097	3007	3011	3017	rBV2	203957	324933	3.32%	0.552%
89	21.297	3042	3045	3048	rVV4	186239	212310	2.17%	0.361%
90	21.339	3048	3052	3057	rVB2	600660	791719	8.10%	1.346%
91	21.574	3088	3092	3093	rBV	265099	351403	3.59%	0.597%
92	21.621	3093	3100	3104	rVV2	2429499	5023384	51.39%	8.538%
93	21.656	3104	3106	3117	rVB2	995345	1390098	14.22%	2.363%
94	21.786	3124	3128	3134	rVB	326524	528681	5.41%	0.899%
95	21.950	3152	3156	3161	rVB	289374	406517	4.16%	0.691%
96	23.344	3387	3393	3407	rVB	2183234	6056629	61.96%	10.294%
97	23.533	3422	3425	3431	rVB	290735	459211	4.70%	0.781%
98	23.885	3479	3485	3491	rBV	986088	1922129	19.66%	3.267%
99	23.991	3498	3503	3510	rVB	1116585	2174809	22.25%	3.697%
100	24.103	3516	3522	3528	rBV2	1320912	2651767	27.13%	4.507%

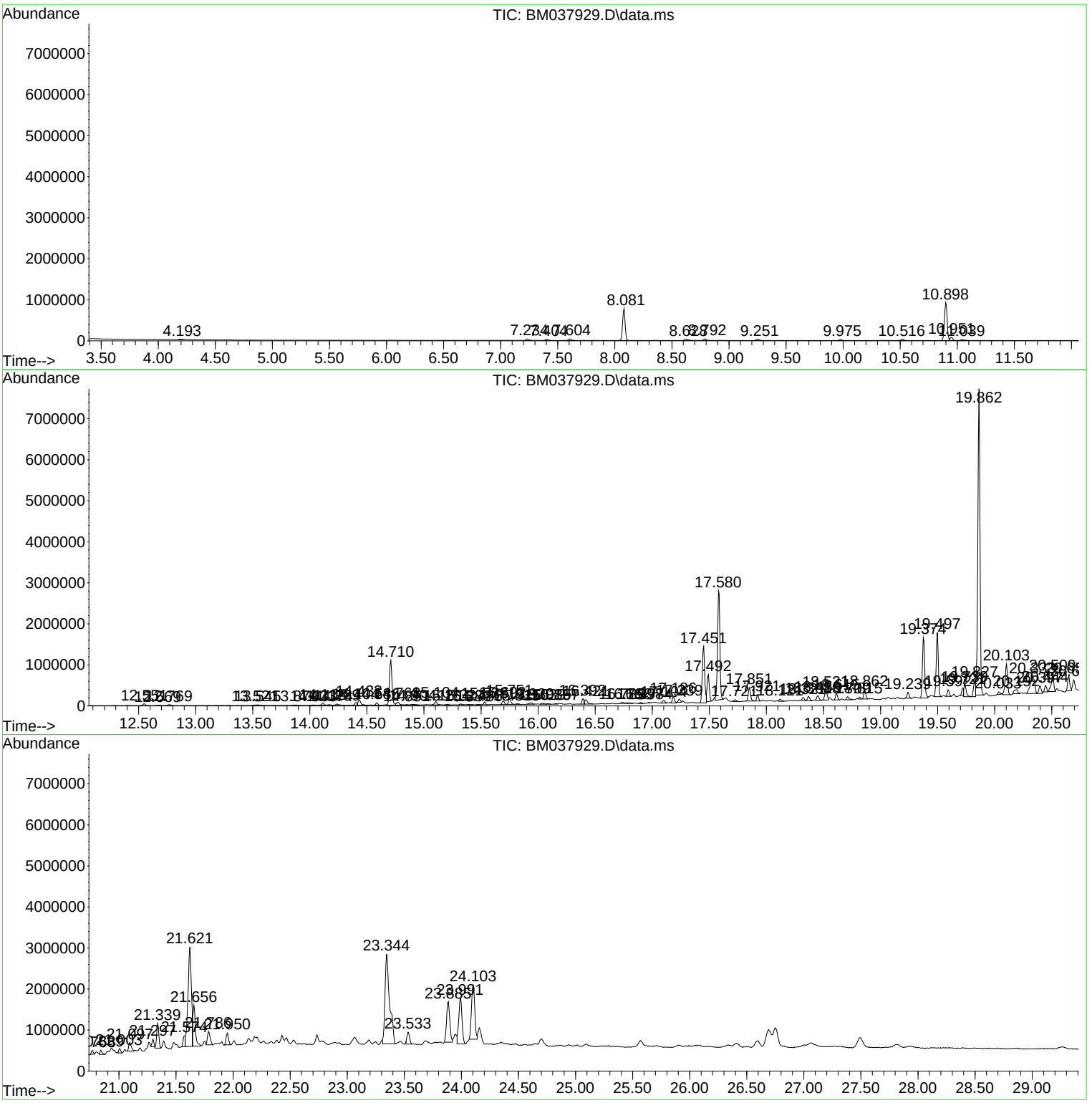
Sum of corrected areas: 58833788

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

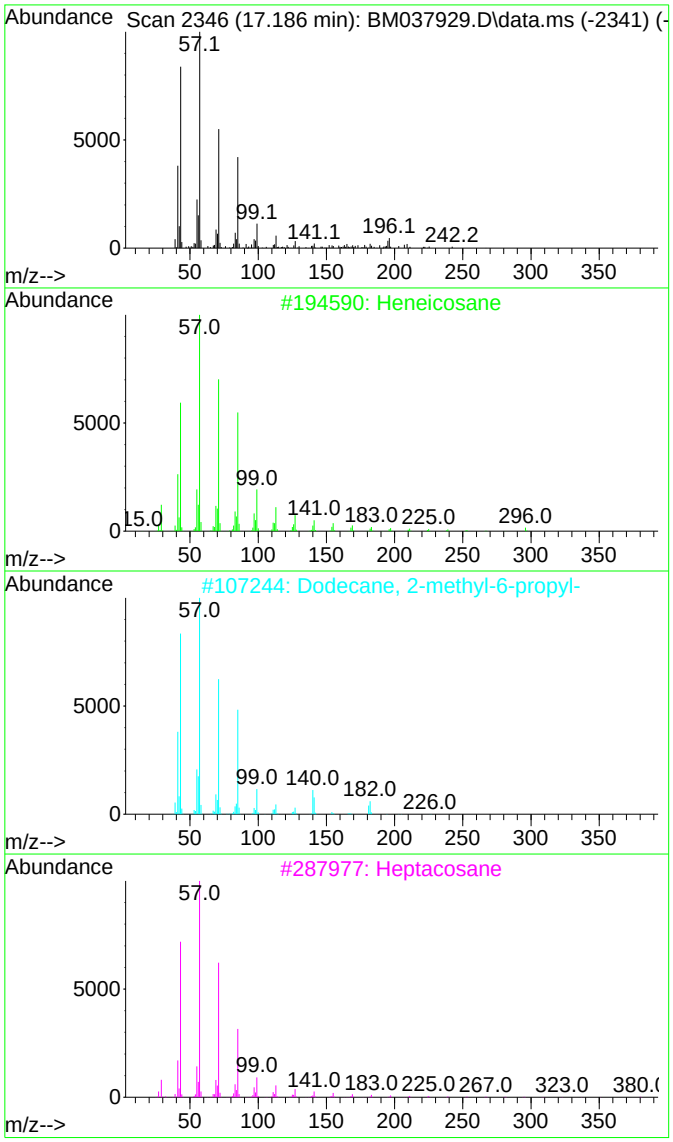
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

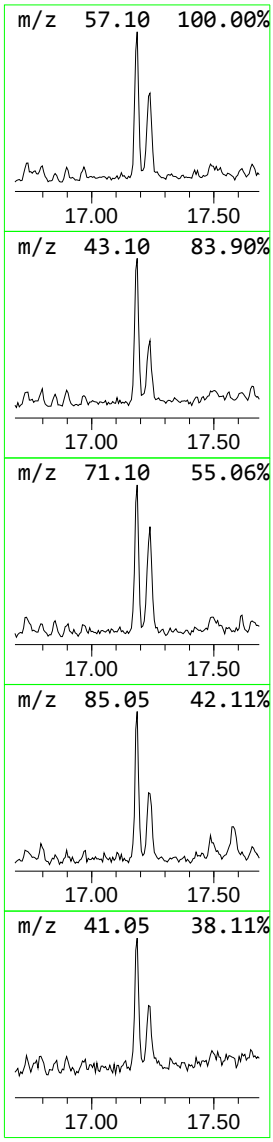
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	2.12 ng/ul	214266	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Heptacosane	380	C27H56	000593-49-7	74
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

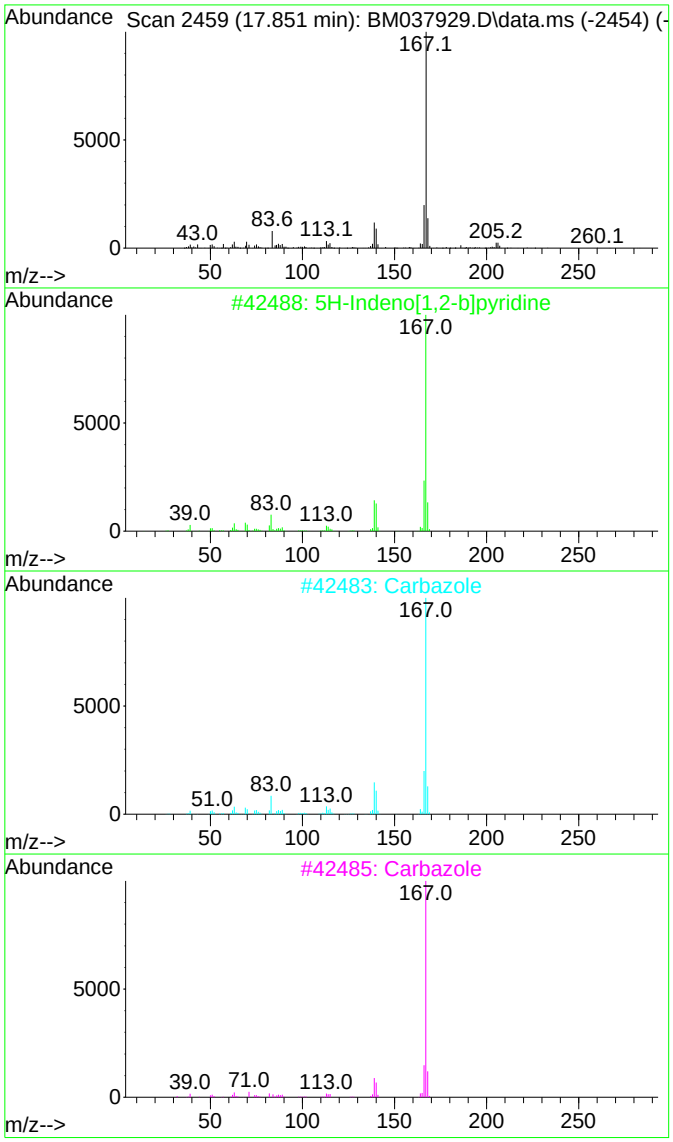
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

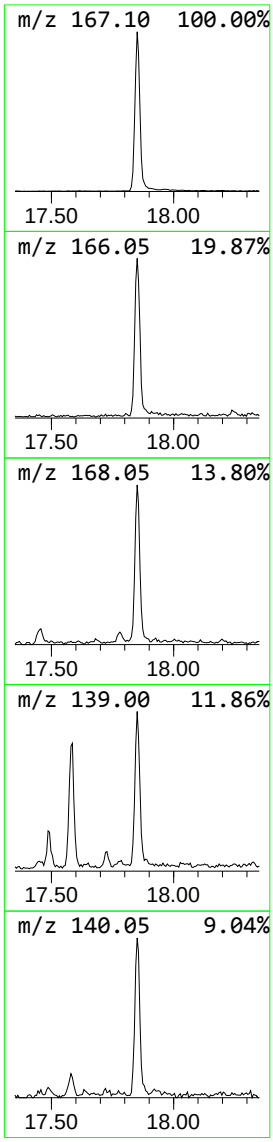
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	4.63 ng/ul	468181	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	Carbazole	167	C12H9N	000086-74-8	93
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
5	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

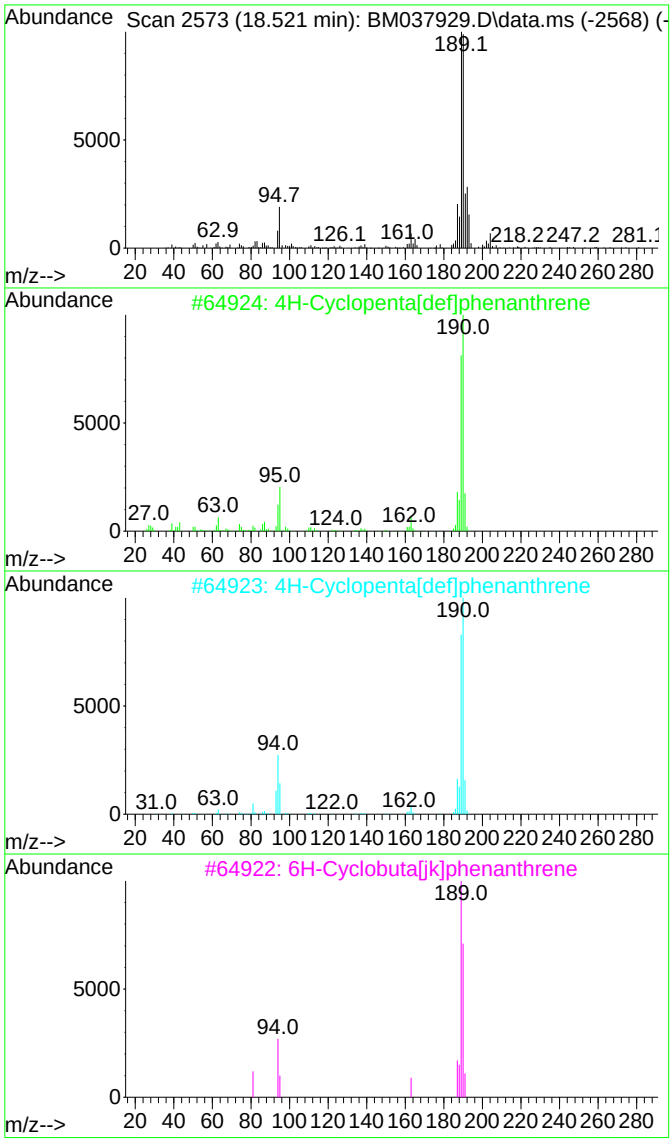
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

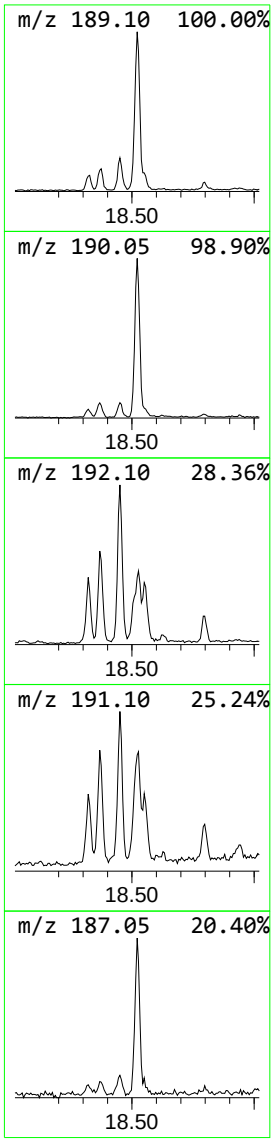
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	3.58 ng/ul	361552	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

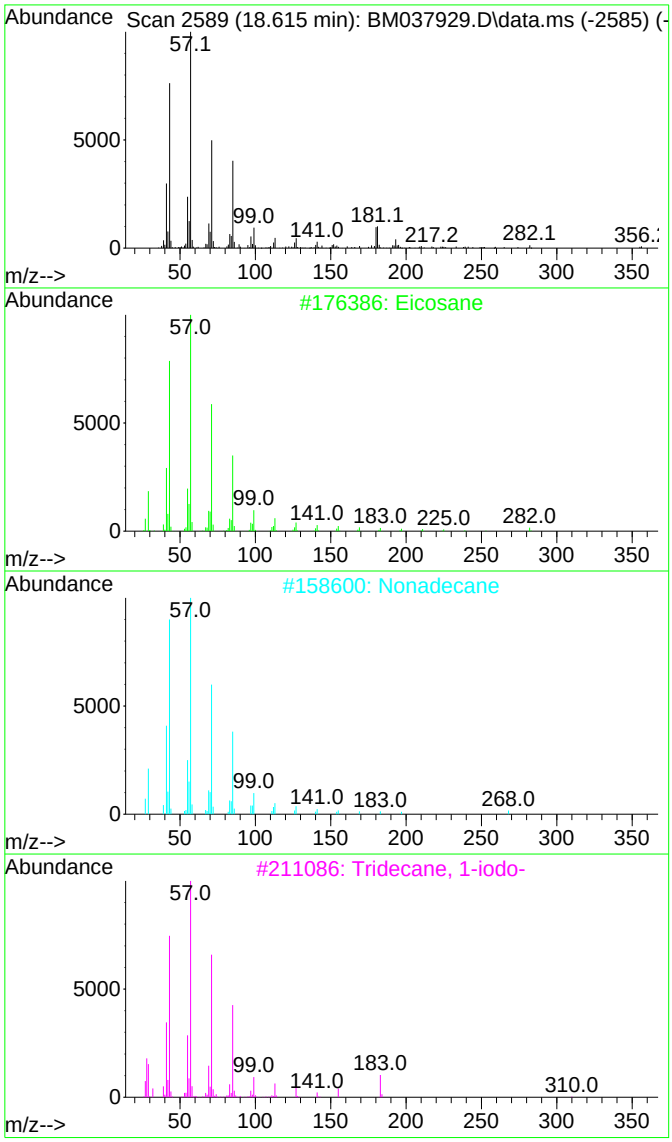
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

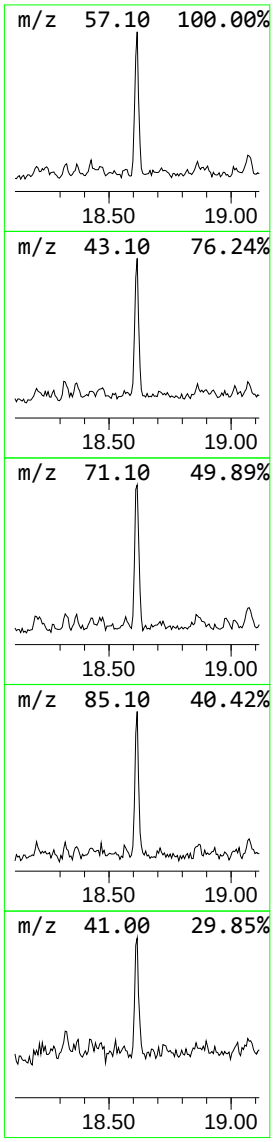
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.615	2.00 ng/ul	202318	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane	268	C19H40	000629-92-5	68
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	68
4	Heptadecane	240	C17H36	000629-78-7	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

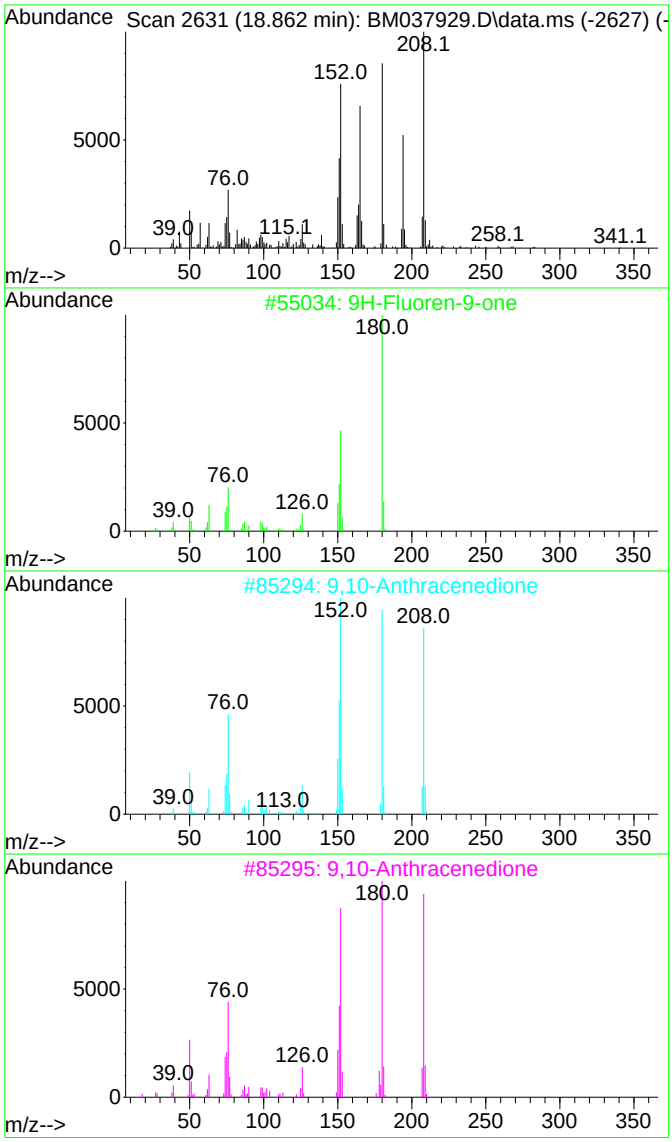
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

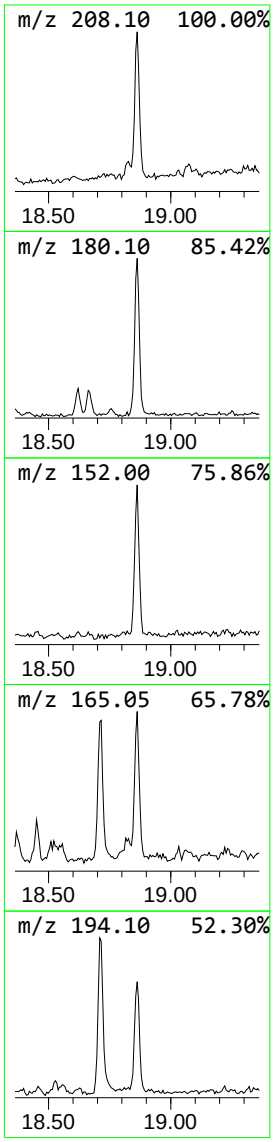
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9H-Fluoren-9-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.862	2.78 ng/ul	280524	Phenanthrene-d10	17.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86





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Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

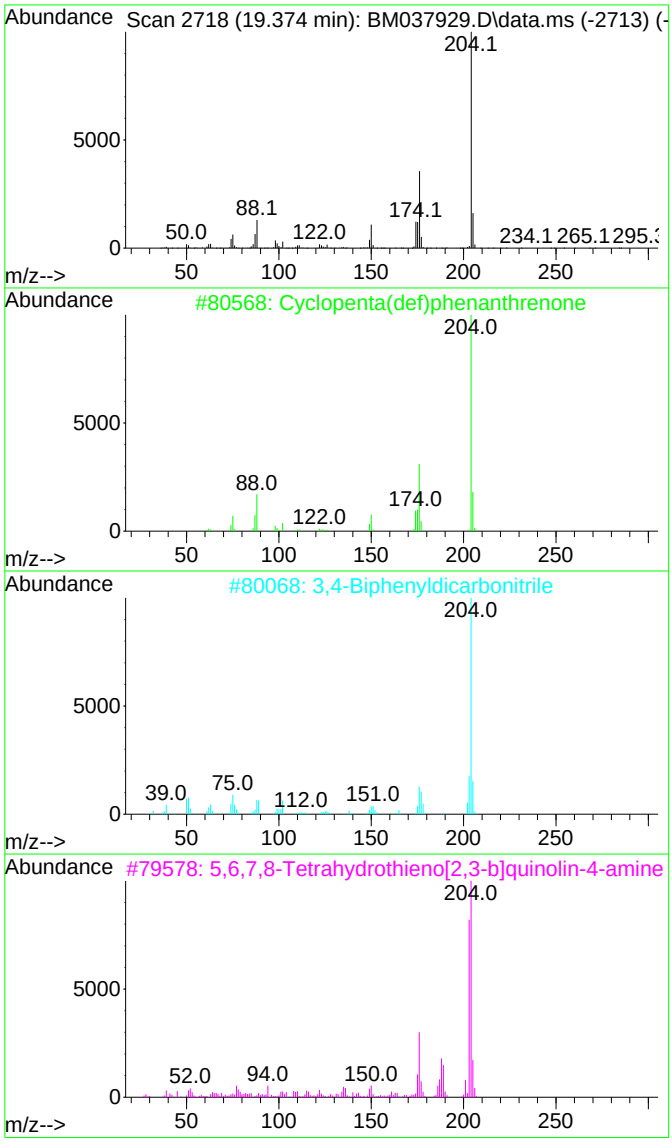
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

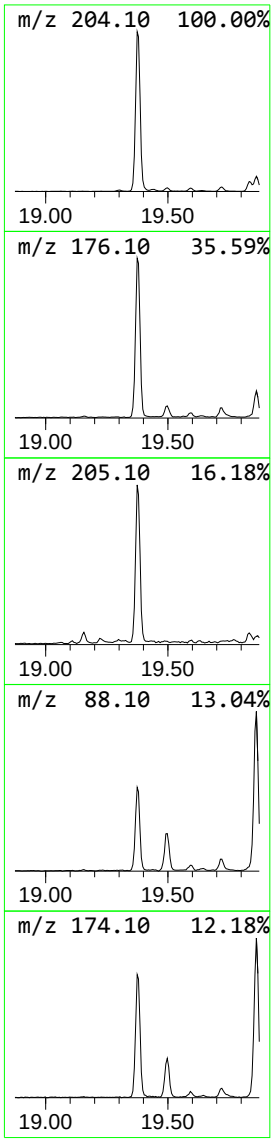
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.374	19.72 ng/ul	1992740	Phenanthrene-d10	17.451

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	64
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	64
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59





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Acq On : 10 Dec 2022 10:55
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Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

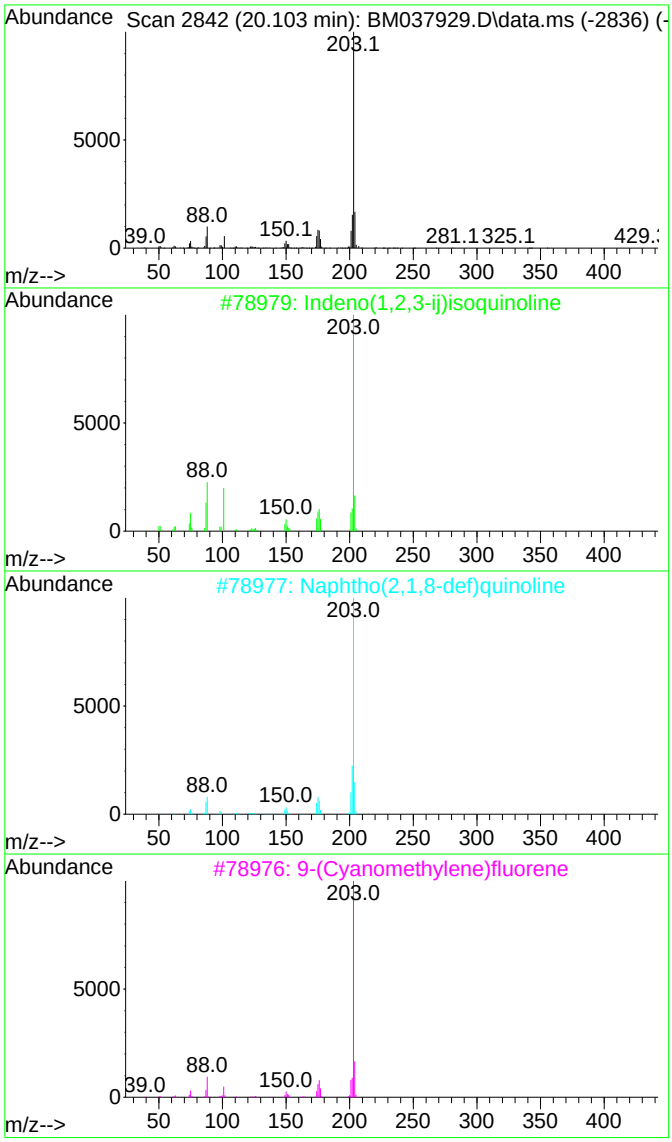
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

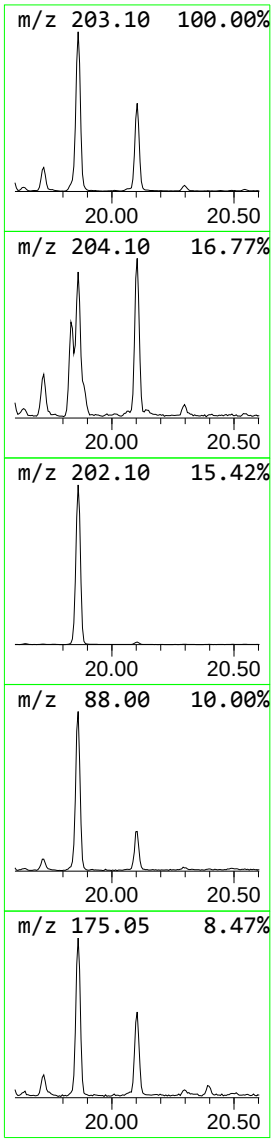
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Indeno(1,2,3-ij)isoquinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.103	4.16 ng/ul	1044980	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	97
2	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
3	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
4	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	96
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95





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Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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

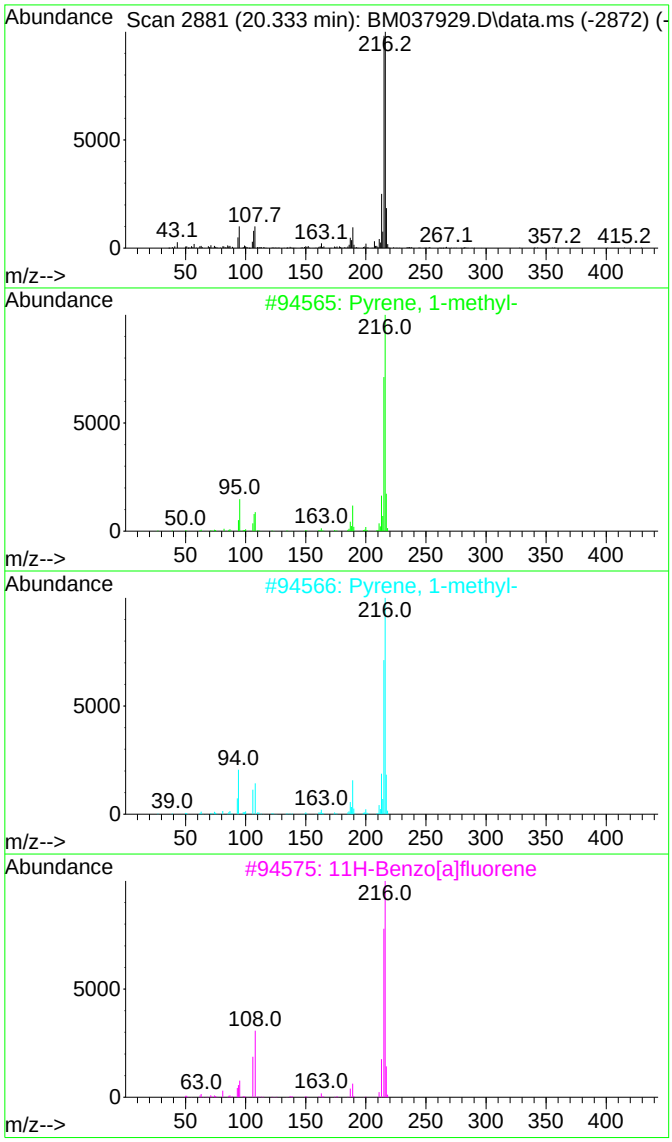
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

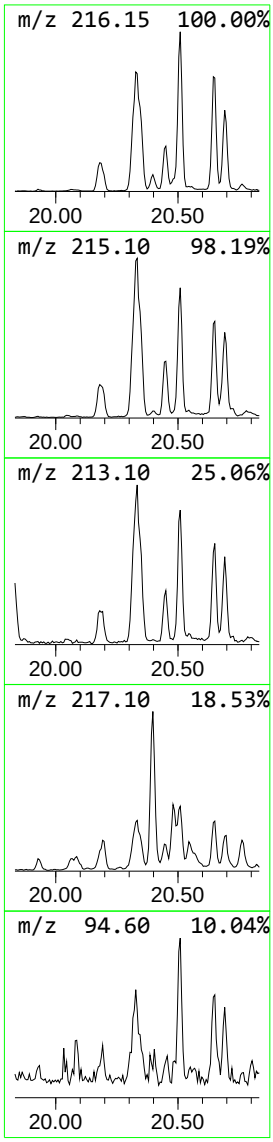
****

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	4.41 ng/ul	1107360	Chrysene-d12	21.621

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





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Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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

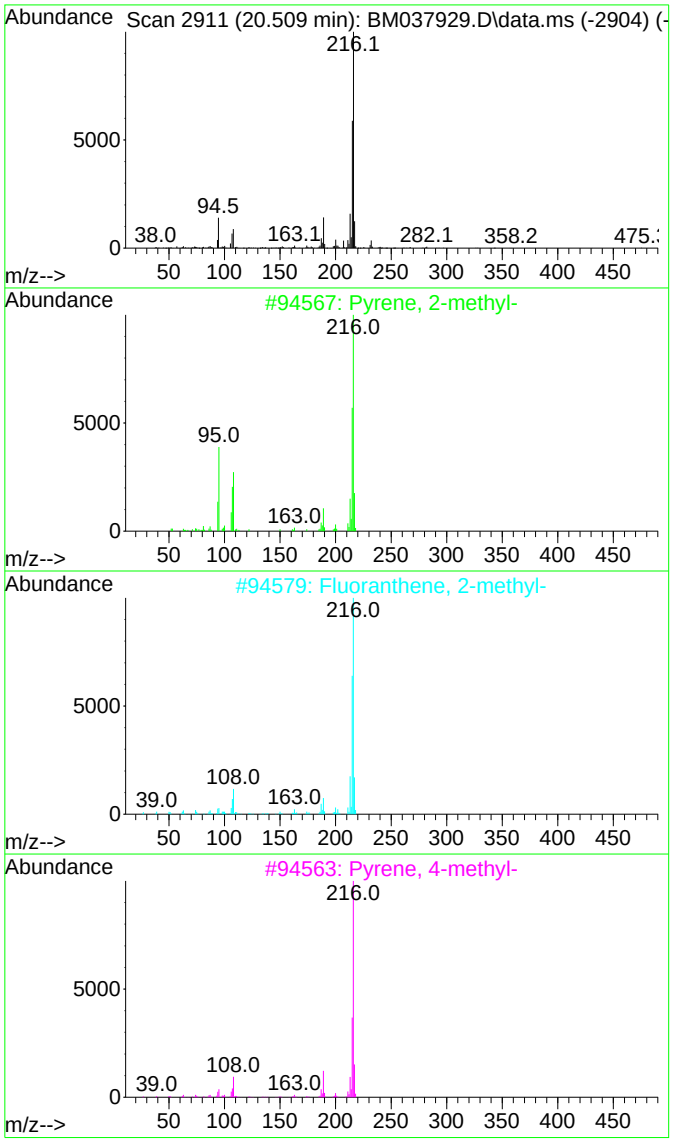
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

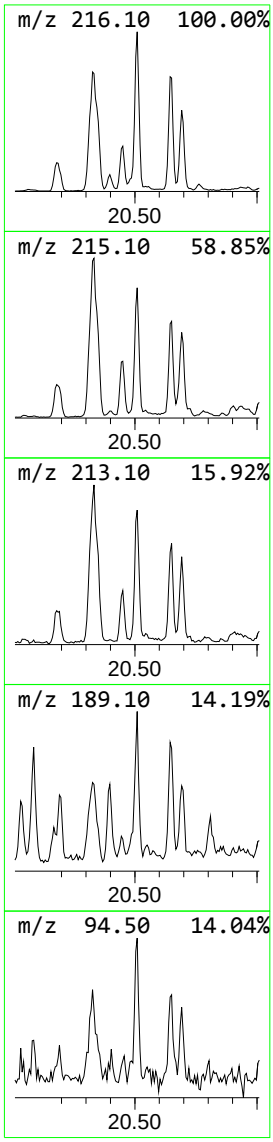
****

Peak Number 9 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.509	2.67 ng/ul	670085	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81





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Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

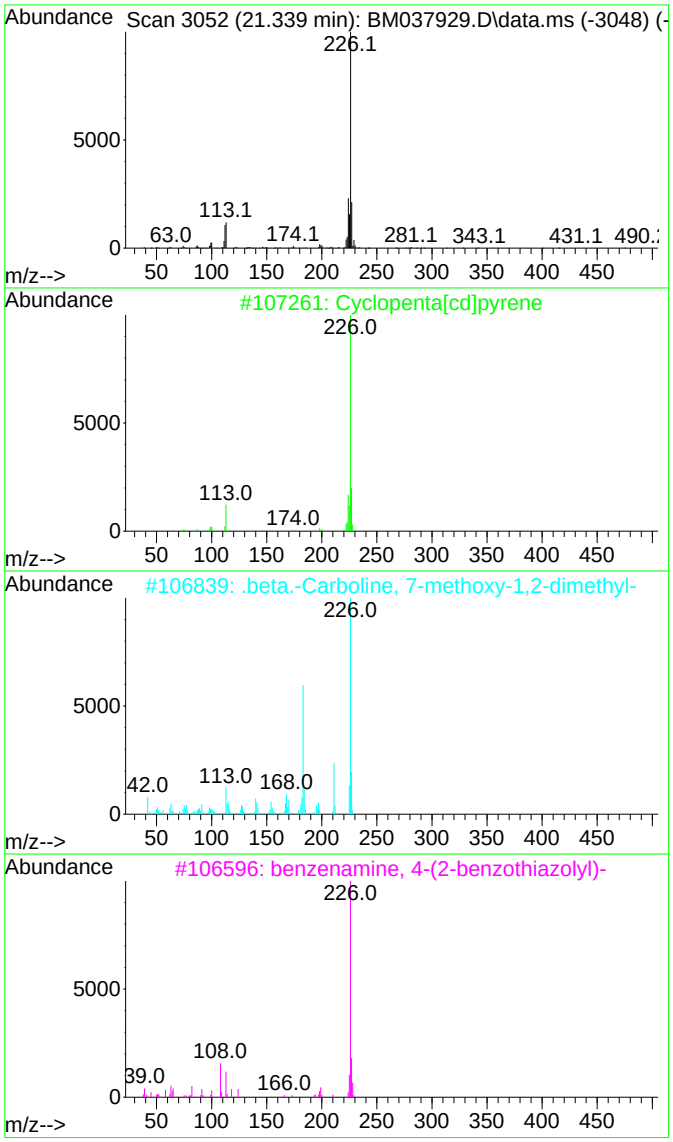
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

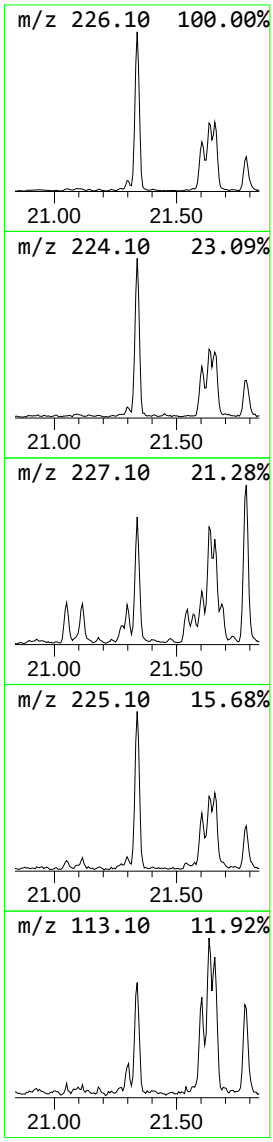
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	3.15 ng/ul	791719	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	94
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	42
4	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	36
5	9H-Xanthen-9-one, 2-methoxy-	226	C14H10O3	001214-20-6	33





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Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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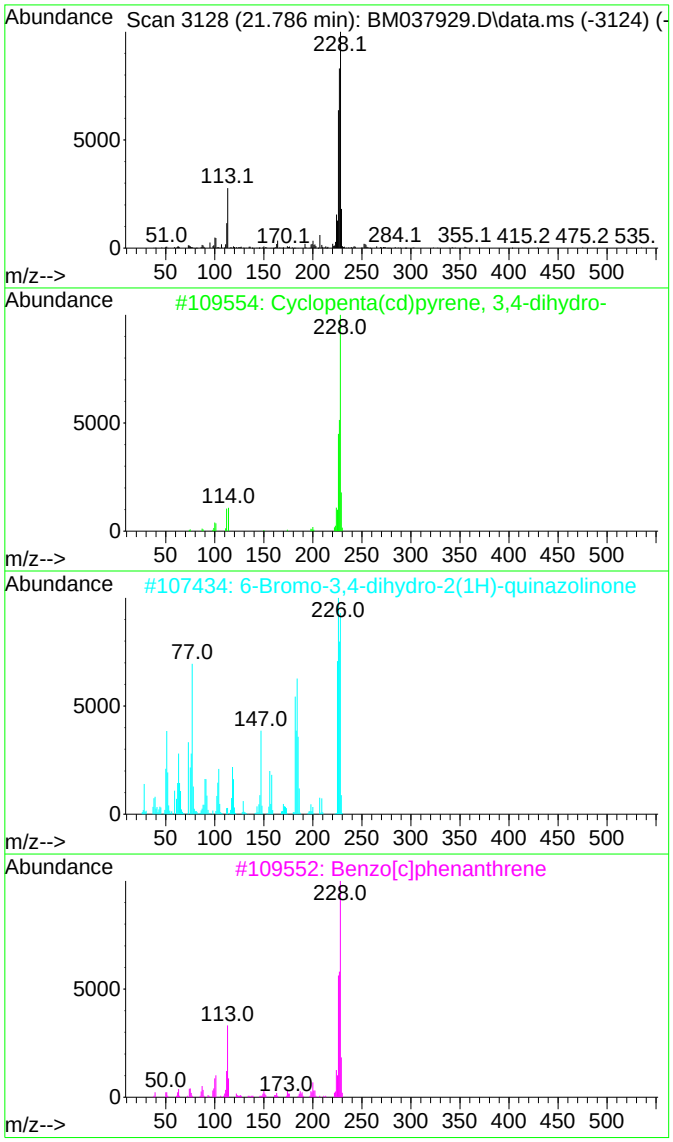
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION

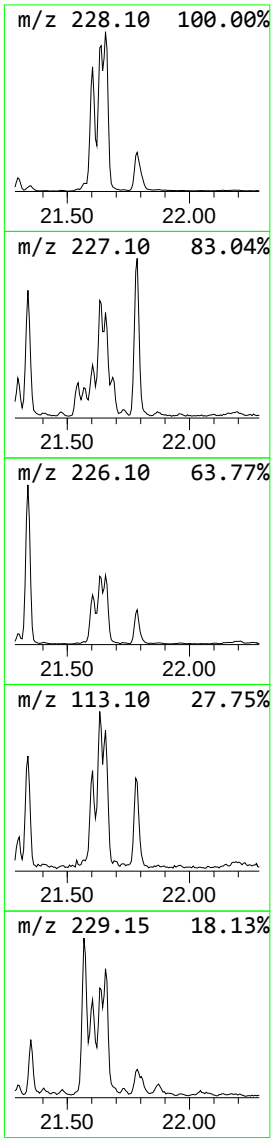
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.786	2.10 ng/ul	528681	Chrysene-d12	21.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	70
2	6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	59
3	Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	47





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Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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

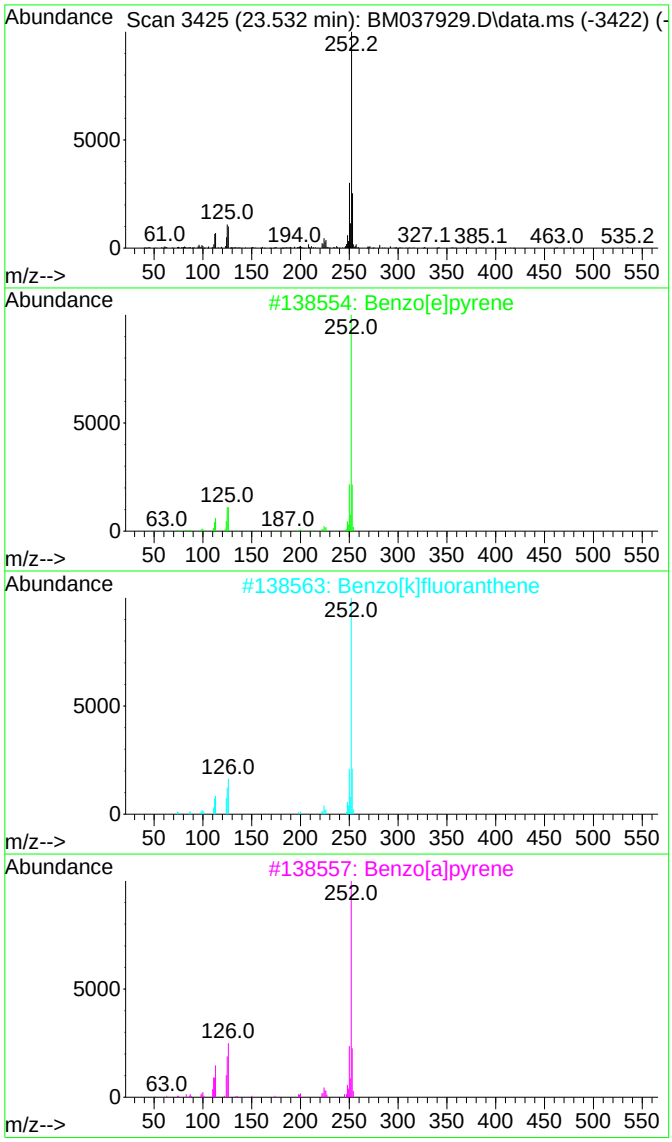
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

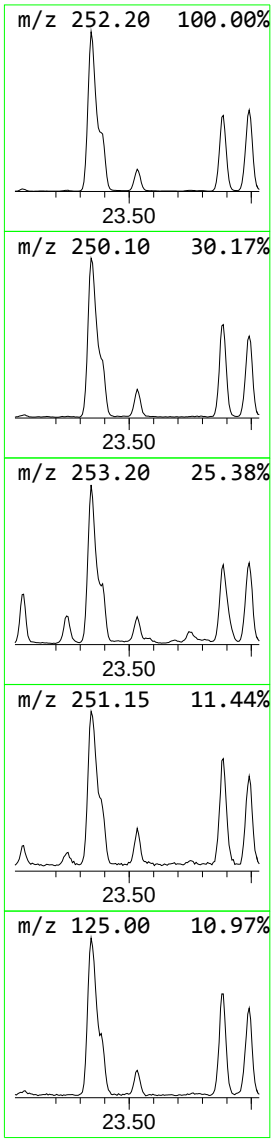
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.532	3.46 ng/ul	459211	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89





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Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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

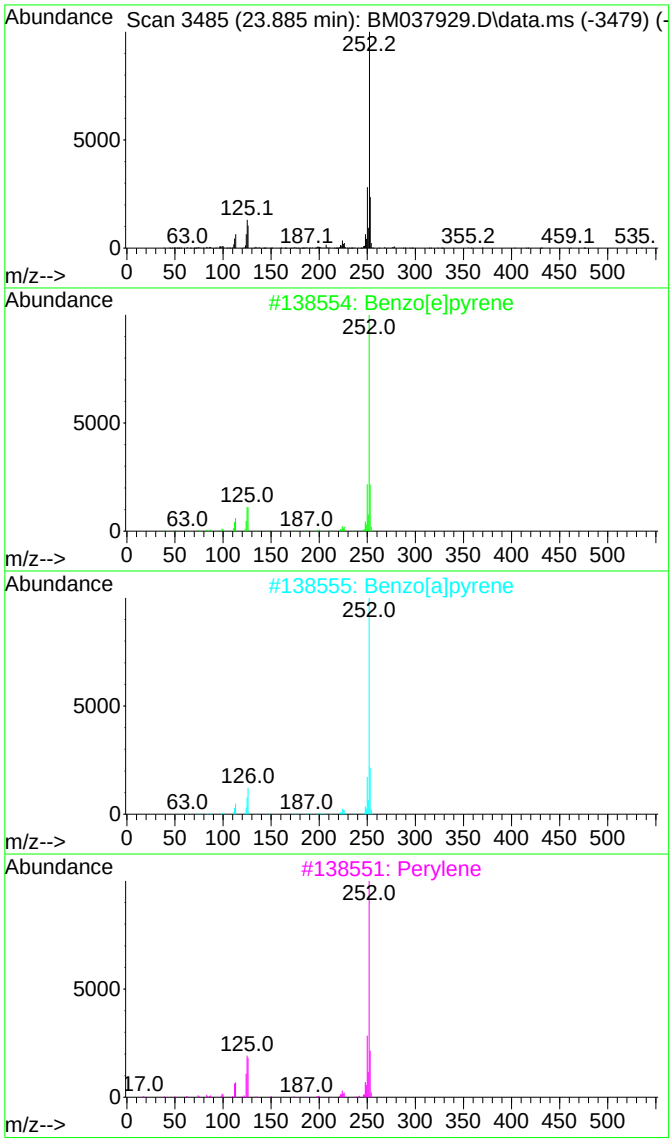
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

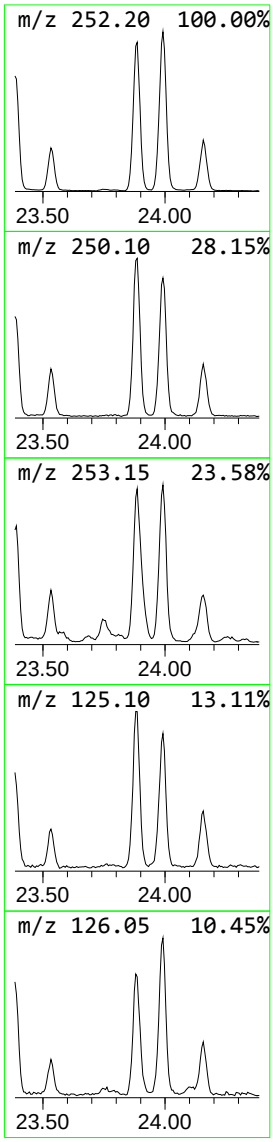
****

Peak Number 13 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.885	14.50 ng/ul	1922130	Perylene-d12	24.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037929.D
Acq On : 10 Dec 2022 10:55
Operator : CG/JU
Sample : N5896-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL9DL

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
(DEL) Alkane: S...	17.186	2.1	ng/ul	214266	4	17.451	2021170	20.0
5H-Indeno[1,2-b...	17.851	4.6	ng/ul	468181	4	17.451	2021170	20.0
4H-Cyclopenta[d...	18.521	3.6	ng/ul	361552	4	17.451	2021170	20.0
(DEL) Alkane: S...	18.615	2.0	ng/ul	202318	4	17.451	2021170	20.0
9H-Fluoren-9-one	18.862	2.8	ng/ul	280524	4	17.451	2021170	20.0
Cyclopenta(def)...	19.374	19.7	ng/ul	1992740	4	17.451	2021170	20.0
Indeno(1,2,3-ij...	20.103	4.2	ng/ul	1044980	5	21.621	5023380	20.0
Pyrene, 1-methyl-	20.333	4.4	ng/ul	1107360	5	21.621	5023380	20.0
Pyrene, 2-methyl-	20.509	2.7	ng/ul	670085	5	21.621	5023380	20.0
Cyclopenta[cd]p...	21.339	3.1	ng/ul	791719	5	21.621	5023380	20.0
Cyclopenta(cd)p...	21.786	2.1	ng/ul	528681	5	21.621	5023380	20.0
Benzo[e]pyrene	23.532	3.5	ng/ul	459211	6	24.103	2651770	20.0
Perylene	23.885	14.5	ng/ul	1922130	6	24.103	2651770	20.0