LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

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_P\Methods\SFAM-EPA-BP120722.M
Title : SVOA CALIBRATION

Signal : TIC: BP013037.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.352	24	28	39	rVB	158544	232881	0.44%	0.071%
2	3.787	98	102	115	rBV	505801	843281	1.61%	0.256%
3	4.017	136	141	150	rVB	106491	171288	0.33%	0.052%
4	5.058	312	318	325	rBV	264713	390545	0.74%	0.118%
5	7.128	662	670	680	rBV	2480479	3980585	7.58%	1.206%
6	7.299	691	699	711	rVB	2221876	3526585	6.72%	1.069%
7	7.499	725	733	743	rVB	2659756	4173152	7.95%	1.265%
8	7.969	805	813	820	rBV	2377407	3701329	7.05%	1.122%
9	8.511	897	905	913	rBV	107131	195983	0.37%	0.059%
10	8.675	926	933	944	rBV	3295389	5388292	10.26%	1.633%
11	8.799	950	954	963	rVB2	51254	84962	0.16%	0.026%
12	9.140	1004	1012	1026	rBV	2628941	4339129	8.26%	1.315%
13	9.546	1073	1081	1088	rVB2	59101	103902	0.20%	0.031%
14	9.863	1126	1135	1147	rBV	2206623	3633404	6.92%	1.101%
15	10.399	1219	1226	1238	rBV	3365163	5625078	10.71%	1.705%
16	10.787	1283	1292	1297	rBV	3357262	5638048	10.74%	1.709%
17	10.834	1297	1300	1307	rVV	434506	663790	1.26%	0.201%
18	10.922	1307	1315	1335	rVB	2278365	3963146	7.55%	1.201%
19	12.363	1556	1560	1567	rVV2	66688	120210	0.23%	0.036%
20	12.440	1567	1573	1583	rVB	200041	317497	0.60%	0.096%
21	12.657	1605	1610	1617	rVB	72013	128008	0.24%	0.039%
22	13.428	1730	1741	1748	rBV2	131416	302597	0.58%	0.092%
23	13.787	1795	1802	1809	rVB4	36692	96852	0.18%	0.029%
24	13.928	1820	1826	1832	rBV5	62293	135392	0.26%	0.041%
25	14.016	1833	1841	1847	rVV	6554943	8947817	17.04%	2.711%
26	14.081	1850	1852	1856	rVV	66974	73325	0.14%	0.022%
27	14.304	1883	1890	1907	rBV	7193784	10960681	20.88%	3.321%
28	14.498	1918	1923	1928	rBV	256594	332448	0.63%	0.101%
29	14.610	1932	1942	1949	rVV	5238889	7970713	15.18%	2.415%
30	14.675	1949	1953	1960	rVB	272863	427196	0.81%	0.129%
31	14.798	1968	1974	1986	rBV	2166226	3200995	6.10%	0.970%
32	15.010	2004	2010	2017	rBV2	487553	938342	1.79%	0.284%
33	15.116	2024	2028	2034	rVB5	65069	101841	0.19%	0.031%
34	15.393	2071	2075	2079	rBV7	43284	74026	0.14%	0.022%
35	15.446	2080	2084	2088	rVB	386476	484312	0.92%	0.147%
36	15.604	2104	2111	2116	rBV	9525496	13477900	25.67%	4.084%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

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_P\Methods\SFAM-EPA-BP120722.M
Title : SVOA CALIBRATION

37	15.657	2116	2120	2125	rVV	664483	895220	1.71%	0.271%
38	15.716	2125	2130	2139	rVB	2634793	3610544	6.88%	1.094%
39	15.857	2147	2154	2158	rBV2	198906	370613	0.71%	0.112%
40	15.904	2159	2162	2166	rVB2	72007	100410	0.19%	0.030%
41	15.951	2166	2170	2176	rVB3	140697	244508	0.47%	0.074%
42	16.004	2176	2179	2186	rVB4	63397	91103	0.17%	0.028%
43	16.075	2186	2191	2193	rBV	133718	195889	0.37%	0.059%
44	16.310	2227	2231	2234	rBV	684681	1040145	1.98%	0.315%
45	16.663	2287	2291	2294	rBV3	147040	222674	0.42%	0.067%
46	16.716	2298	2300	2307	rVB4	111911	152581	0.29%	0.046%
47	16.822	2315	2318	2323	rBV2	93652	121118	0.23%	0.037%
48	16.892	2327	2330	2333	rBV	110266	127591	0.24%	0.039%
49	17.016	2347	2351	2357	rBV	233016	346348	0.66%	0.105%
50	17.110	2362	2367	2372	rVV	838865	1146811	2.18%	0.348%
51	17.163	2372	2376	2388	rVB2	501752	1027260	1.96%	0.311%
52	17.369	2405	2411	2415	rBV	6449163	9680875	18.44%	2.934%
53	17.410	2415	2418	2422	rVV	2948241	3931278	7.49%	1.191%
54	17.469	2422	2428	2430	rVV2	8883835	13127472	25.00%	3.978%
55	17.510	2430	2435	2440	rVV2	30106690	52501400	100.00%	15.910%
56	17.551	2440	2442	2454	rVV4	555877	944545	1.80%	0.286%
57	17.645	2454	2458	2467	rVB	456508	715960	1.36%	0.217%
58	17.769	2474	2479	2488	rBV	2557652	3490740	6.65%	1.058%
59	17.851	2489	2493	2496	rBV	818481	922863	1.76%	0.280%
60	18.234	2554	2558	2562	rBV2	642565	828608	1.58%	0.251%
61	18.275	2562	2565	2571	rVB	498468	657118	1.25%	0.199%
62	18.351	2574	2578	2584	rVV	1028591	1489082	2.84%	0.451%
63	18.422	2585	2590	2602	rVB2	1693249	2803811	5.34%	0.850%
64	18.516	2603	2606	2611	rBV	815066	973992	1.86%	0.295%
65	18.563	2611	2614	2617	rBV	120206	153118	0.29%	0.046%
66	18.604	2618	2621	2626	rBV	305765	413474	0.79%	0.125%
67	18.710	2636	2639	2642	rVB	268963	299899	0.57%	0.091%
68	18.751	2642	2646	2651	rBV2	545706	713159	1.36%	0.216%
69	19.128	2704	2710	2713	rBV2	738331	1046613	1.99%	0.317%
70	19.251	2727	2731	2740	rBV	1137504	1838037	3.50%	0.557%
71	19.369	2746	2751	2757	rVB	8750103	11352166	21.62%	3.440%
72	19.463	2764	2767	2772	rVB	373942	416316	0.79%	0.126%
73	19.586	2785	2788	2790	rBV	462225	576277	1.10%	0.175%
74	19.698	2801	2807	2809	rBV2	11775962	17637011	33.59%	5.345%
75	19.722	2809	2811	2818	rVV	9834633	12244210	23.32%	3.710%
76	19.786	2819	2822	2829	rVB2	370484	559220	1.07%	0.169%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

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_P\Methods\SFAM-EPA-BP120722.M
Title : SVOA CALIBRATION

77	19.898	2837	2841	2846	rVB	452335	595644	1.13%	0.181%
78	19.957	2846	2851	2858	rVB	1095365	1658204	3.16%	0.502%
79	20.045	2859	2866	2871	rBV3	625269	1495178	2.85%	0.453%
80	20.204	2883	2893	2898	rVB4	1671519	3743356	7.13%	1.134%
81	20.298	2905	2909	2913	rBV	896936	1131445	2.16%	0.343%
82	20.357	2913	2919	2923	rBV2	1144949	1792878	3.41%	0.543%
83	20.498	2939	2943	2946	rBV2	1023617	1386173	2.64%	0.420%
84	20.539	2947	2950	2954	rVB	490298	584930	1.11%	0.177%
85	20.686	2972	2975	2980	rBV	666937	746397	1.42%	0.226%
86	20.933	3014	3017	3023	rVB2	611936	951090	1.81%	0.288%
87	21.098	3042	3045	3048	rBV	706145	833319	1.59%	0.253%
88	21.139	3048	3052	3055	rVV3	2473477	3045083	5.80%	0.923%
89	21.175	3055	3058	3063	rVB	1786680	2280558	4.34%	0.691%
90	21.451	3098	3105	3109	rBV2	7725741	15303882	29.15%	4.638%
91	21.492	3109	3112	3122	rVB	4056514	5815477	11.08%	1.762%
92	21.622	3131	3134	3141	rVB2	619113	1107499	2.11%	0.336%
93	21.780	3158	3161	3167	rVB	739459	1016121	1.94%	0.308%
94	22.575	3293	3296	3312	rVB5	609147	1617403	3.08%	0.490%
95	23.180	3391	3399	3405	rBV2	5030152	13167609	25.08%	3.990%
96	23.369	3427	3431	3438	rVB	657101	1149983	2.19%	0.348%
97	23.722	3485	3491	3495	rBV	2199474	4249882	8.09%	1.288%
98	23.780	3495	3501	3506	rVV	5480510	11282727	21.49%	3.419%
99	23.827	3506	3509	3518	rVB	2253403	4407153	8.39%	1.336%
100	23.939	3522	3528	3534	rBV2	3555717	6878142	13.10%	2.084%

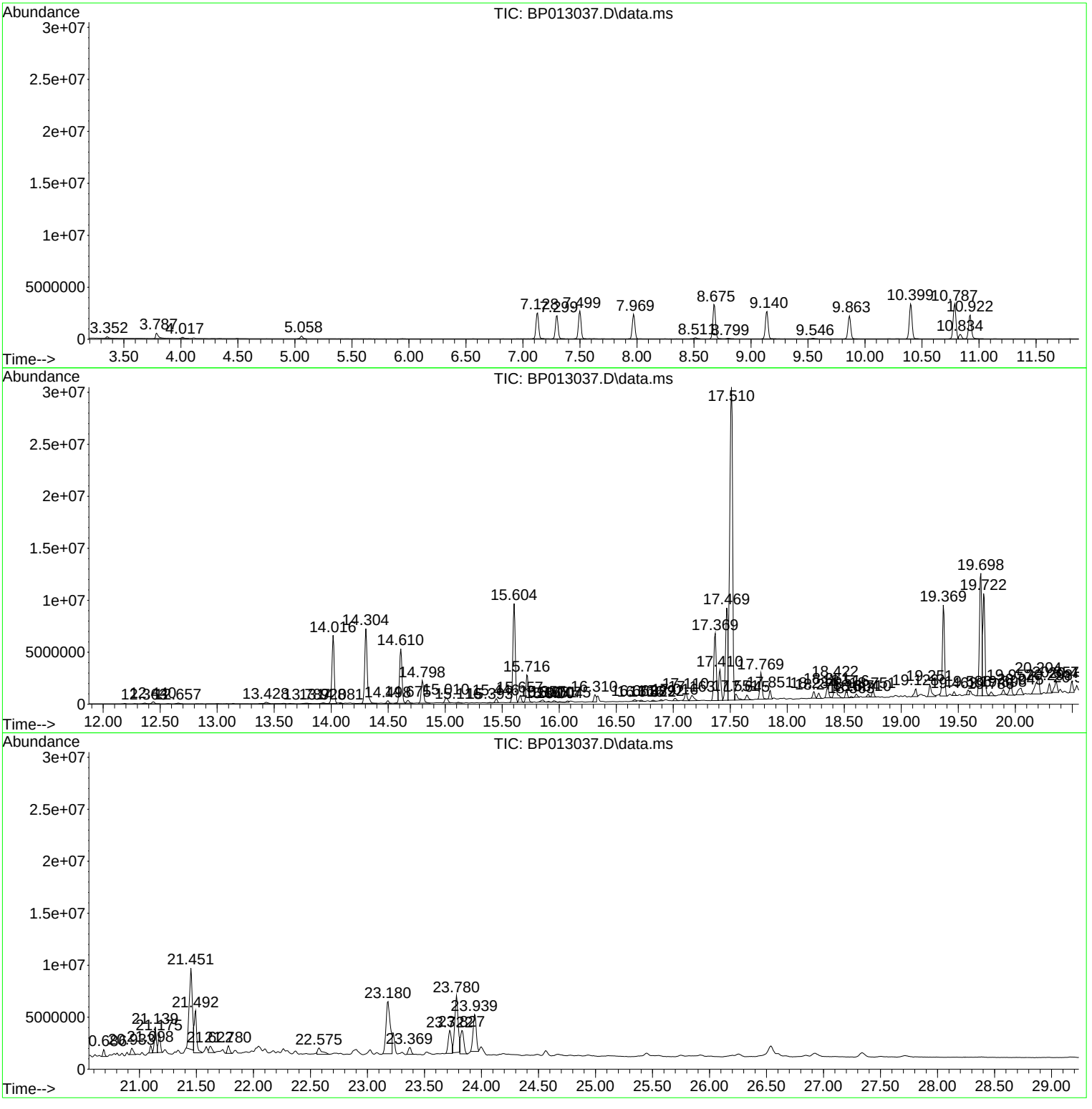
Sum of corrected areas: 329995724

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

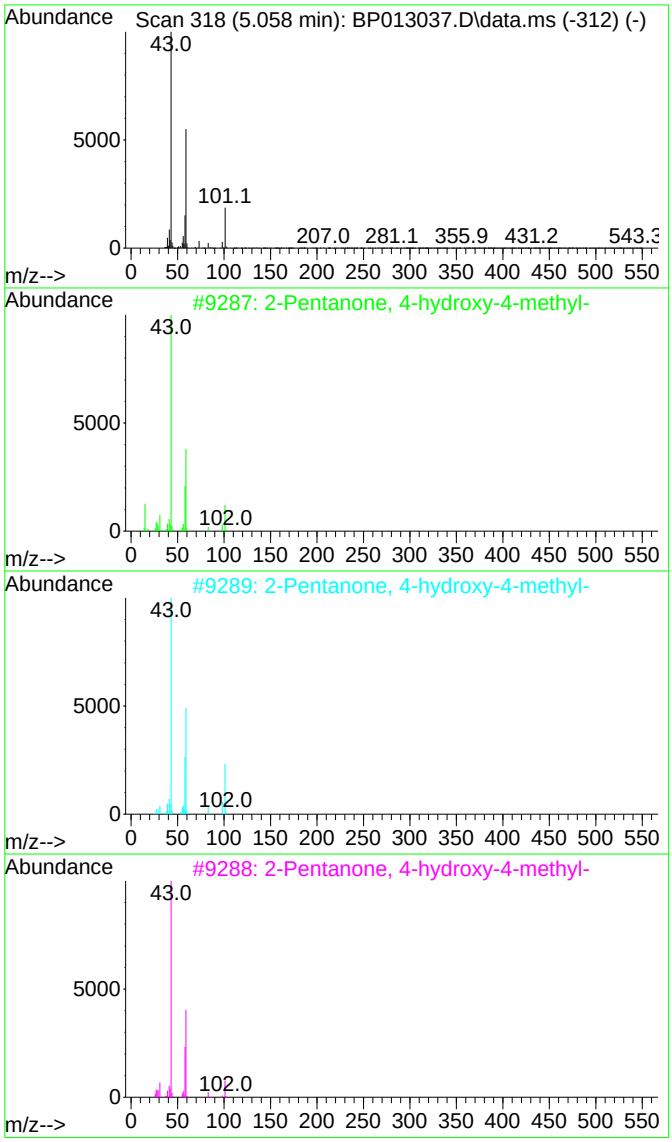
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

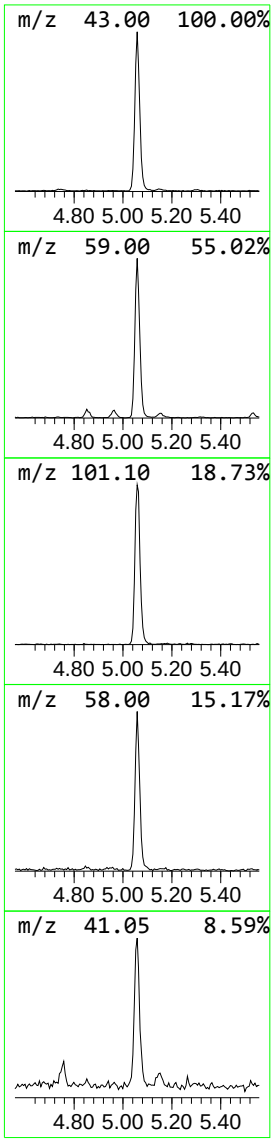
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.058	2.11 ng/ul	390545	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

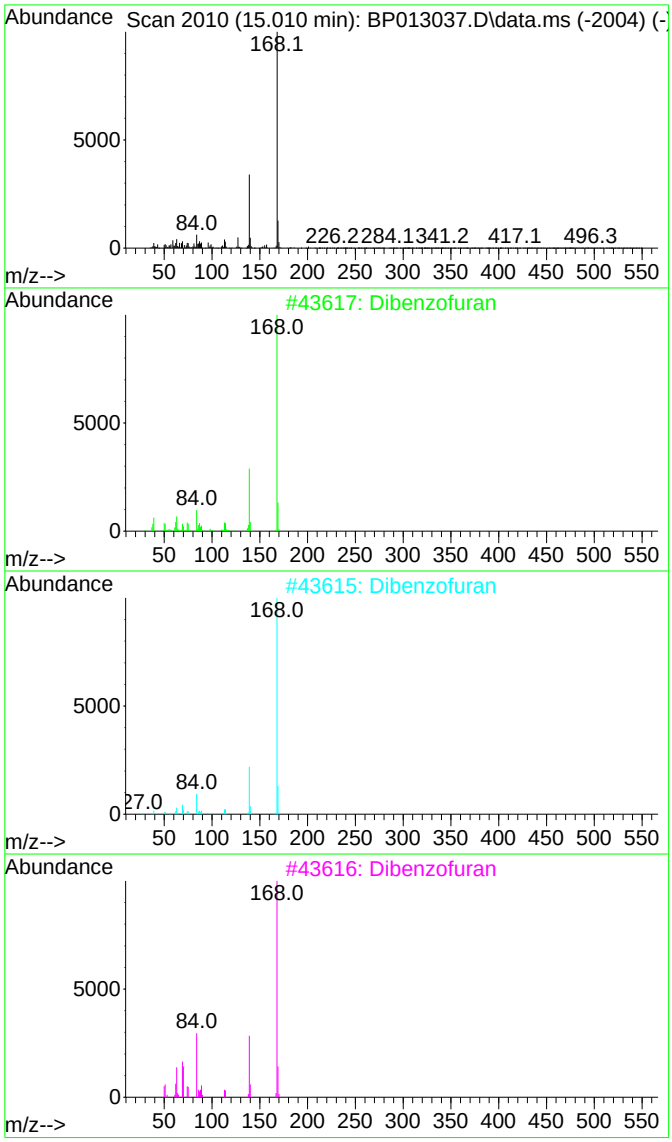
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

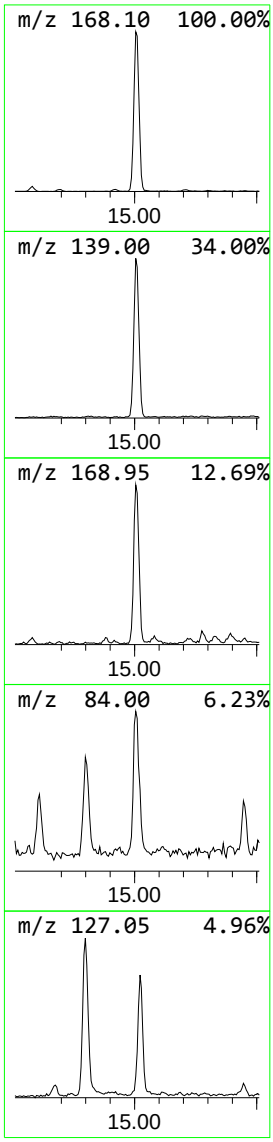
****

Peak Number 2 Dibenzo furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	2.35 ng/ul	938342	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	83
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5	l-Isoleucine, n-propargyloxycarb...	297	C16H27NO4	1000328-13-6	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

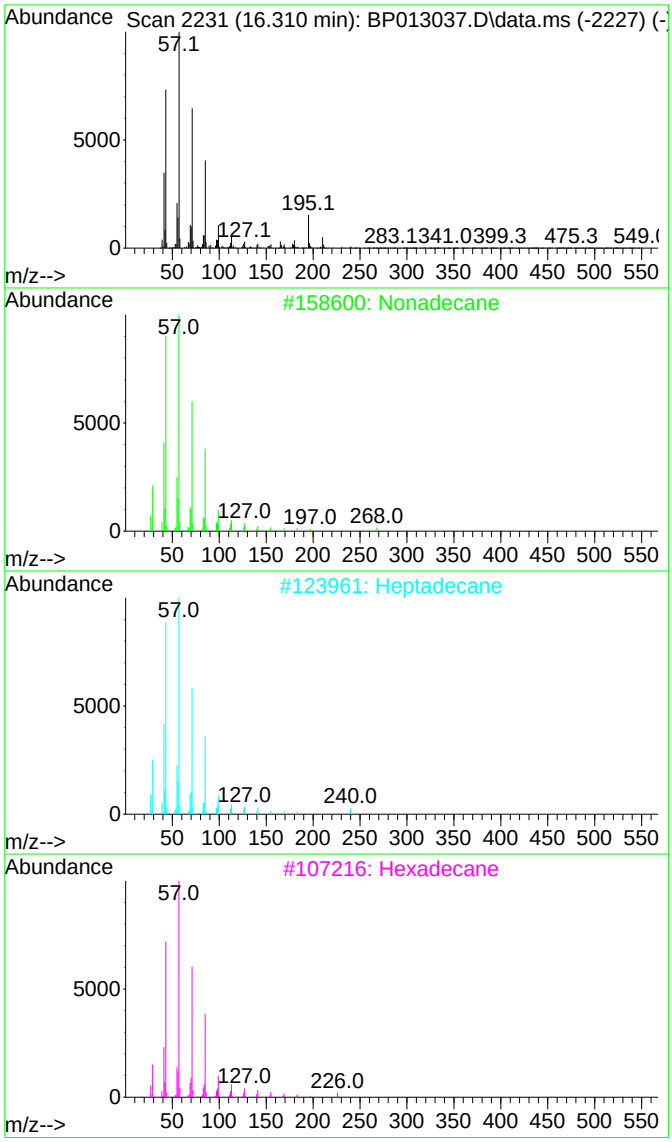
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

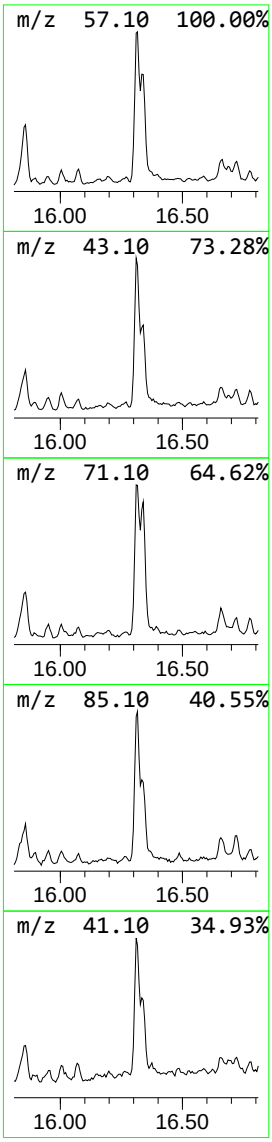
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	2.15 ng/ul	1040150	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Heptadecane	240	C17H36	000629-78-7	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heneicosane	296	C21H44	000629-94-7	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

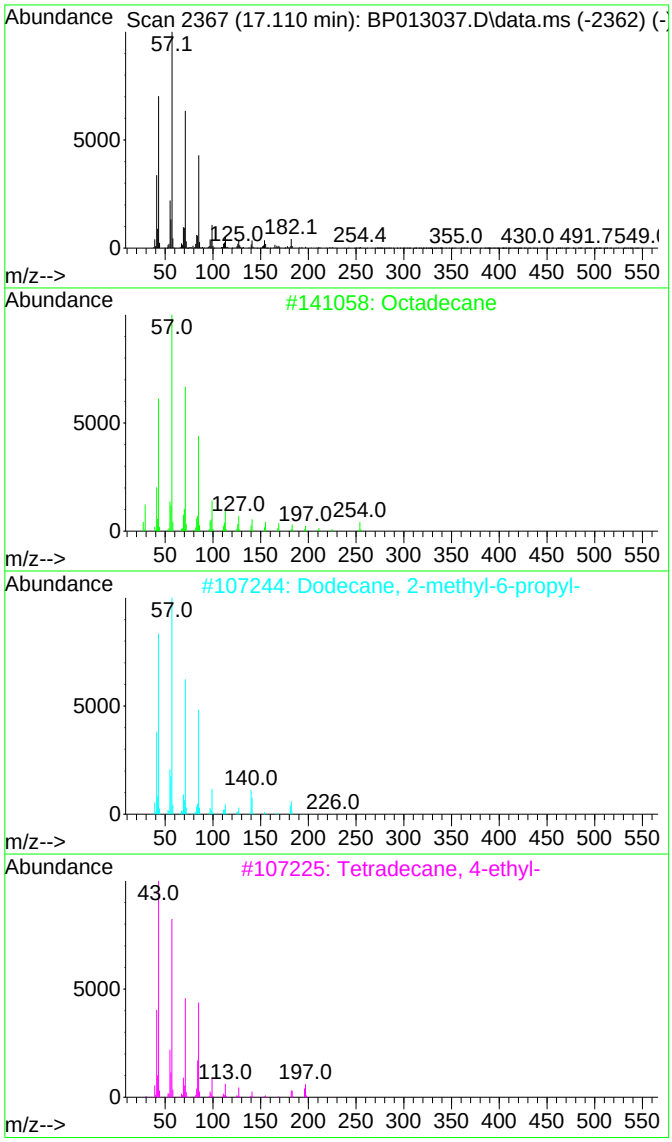
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

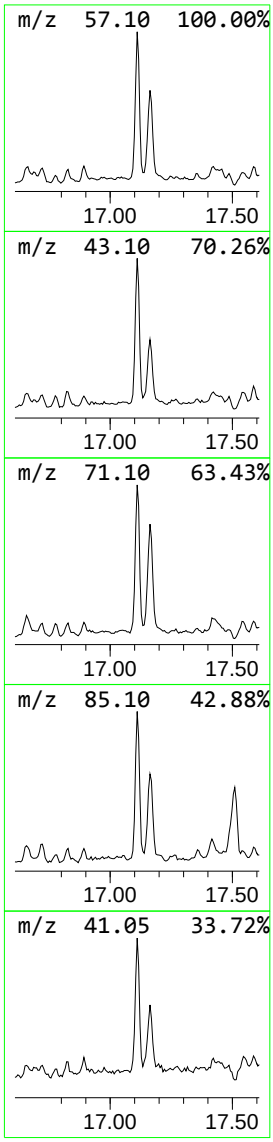
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.110	2.37 ng/ul	1146810	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
4	Nonadecane	268	C19H40	000629-92-5	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

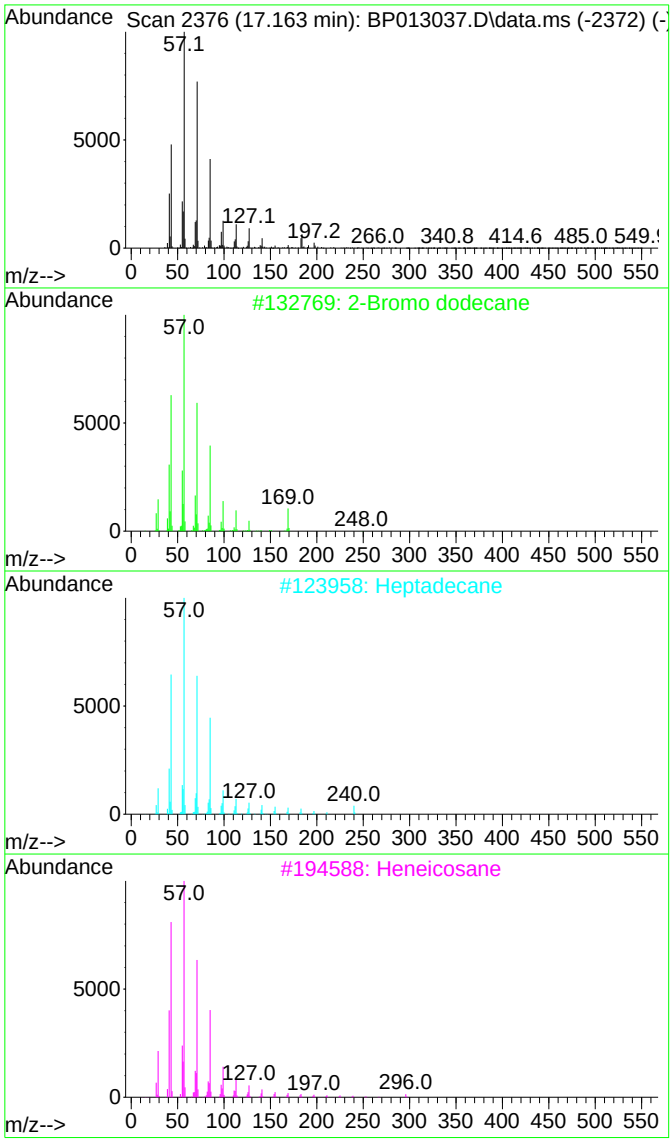
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

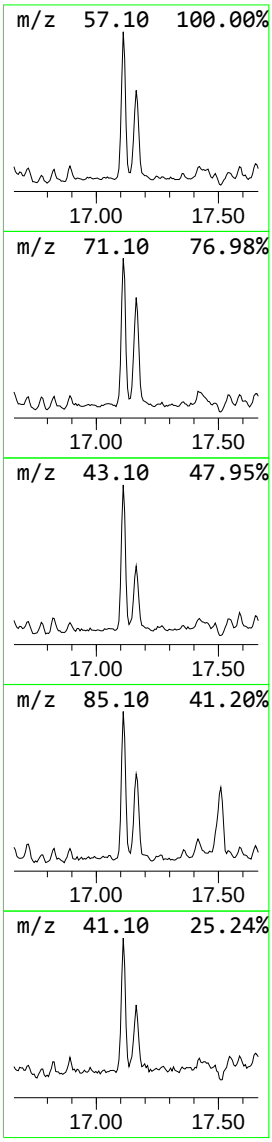
****

Peak Number 5 2-Bromo dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.163	2.12 ng/ul	1027260	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

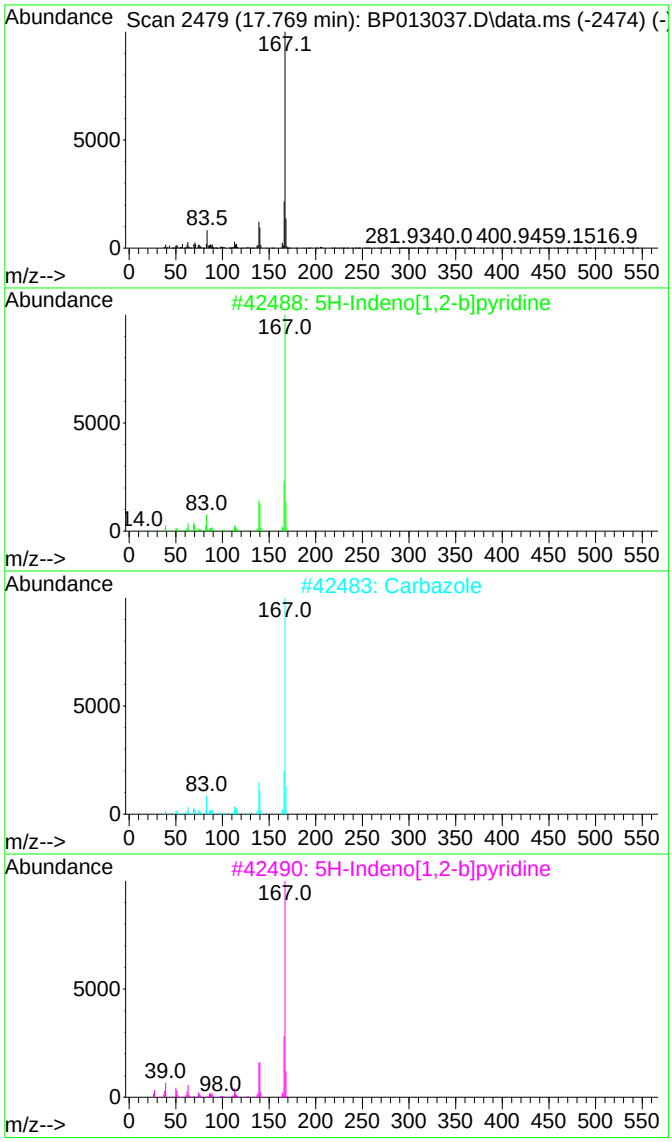
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

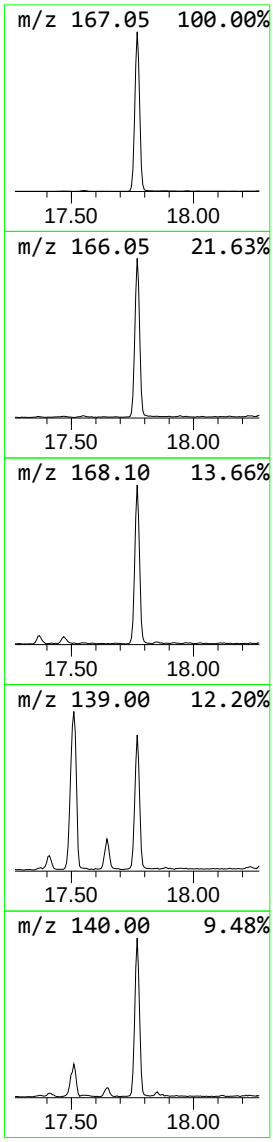
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 5H-Indeno[1,2-b]pyridine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	7.21 ng/ul	3490740	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	95
2	Carbazole	167	C12H9N	000086-74-8	95
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
4	Carbazole	167	C12H9N	000086-74-8	90
5	Carbazole	167	C12H9N	000086-74-8	83





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

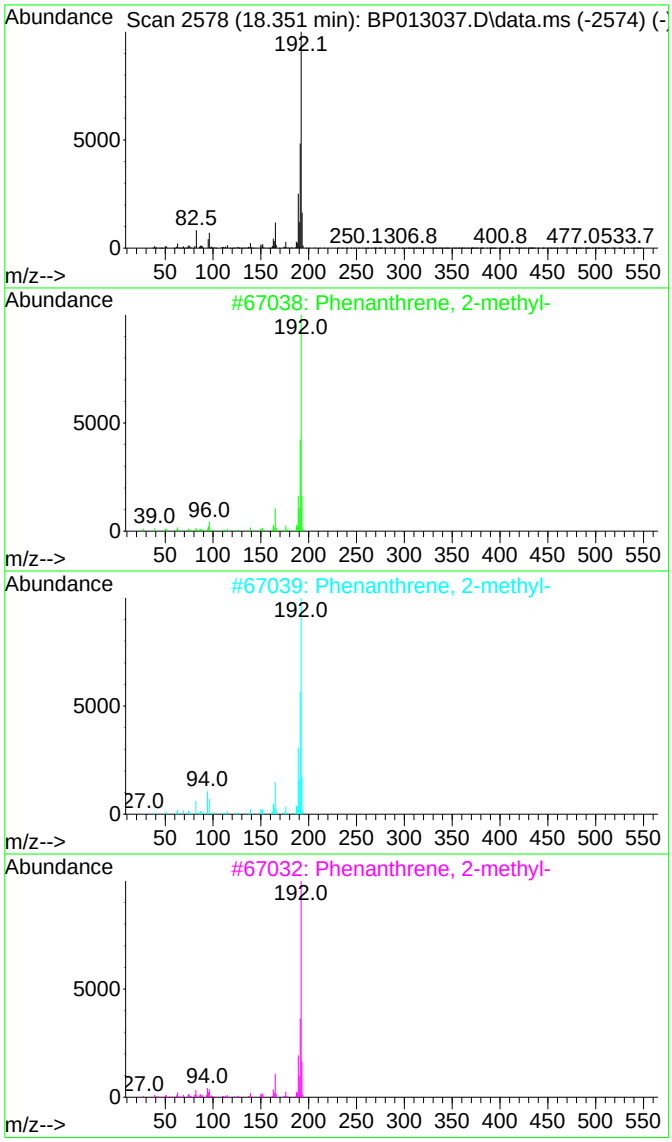
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

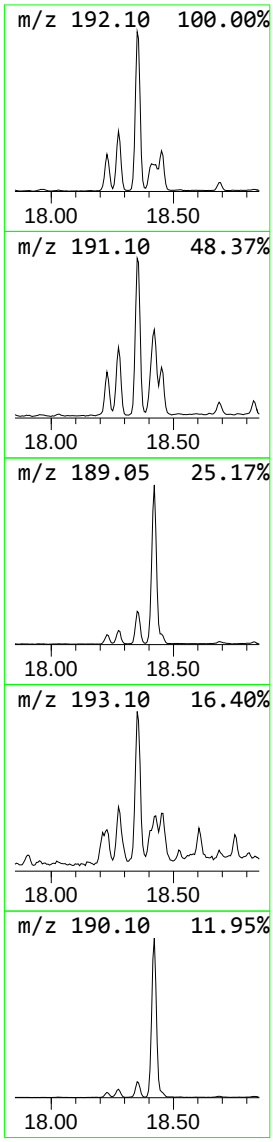
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	3.08 ng/ul	1489080	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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	96





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

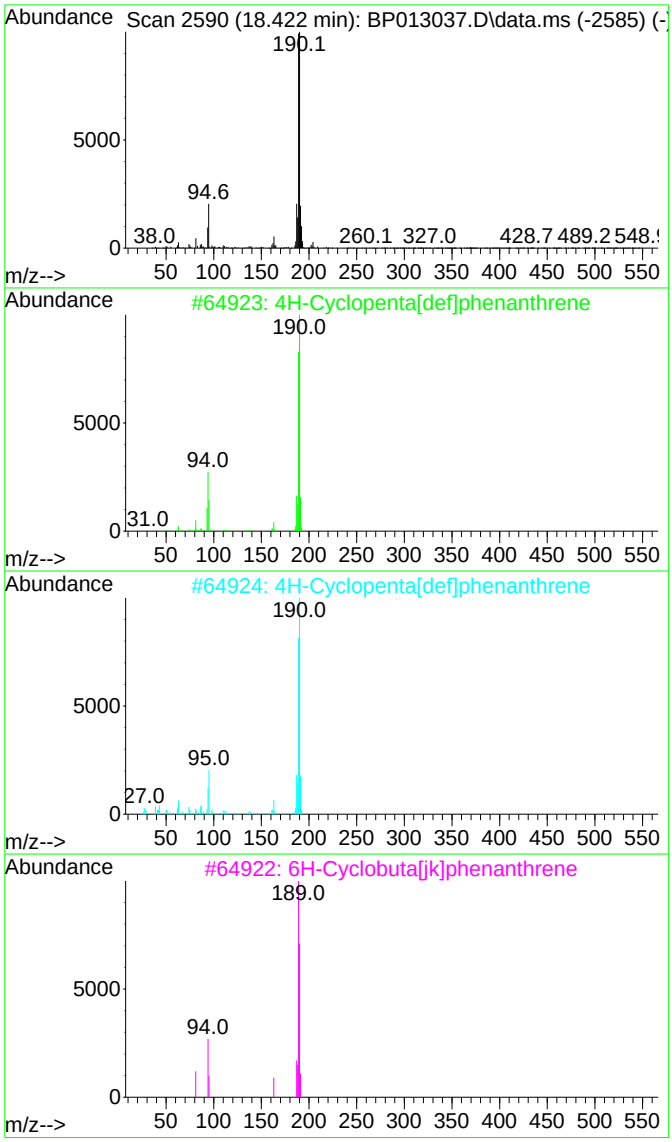
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

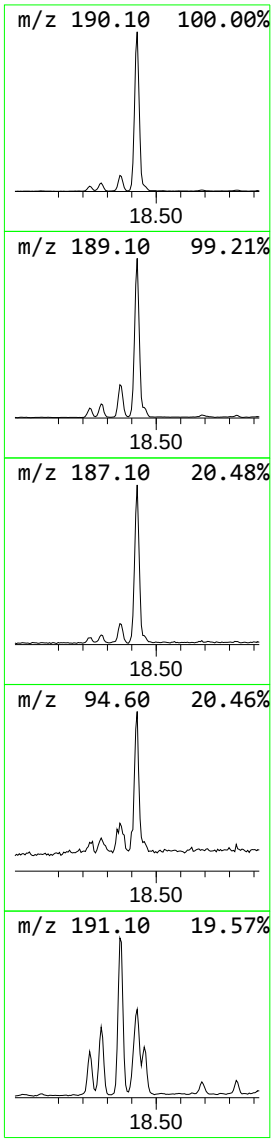
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	5.79 ng/ul	2803810	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	96
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	64





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

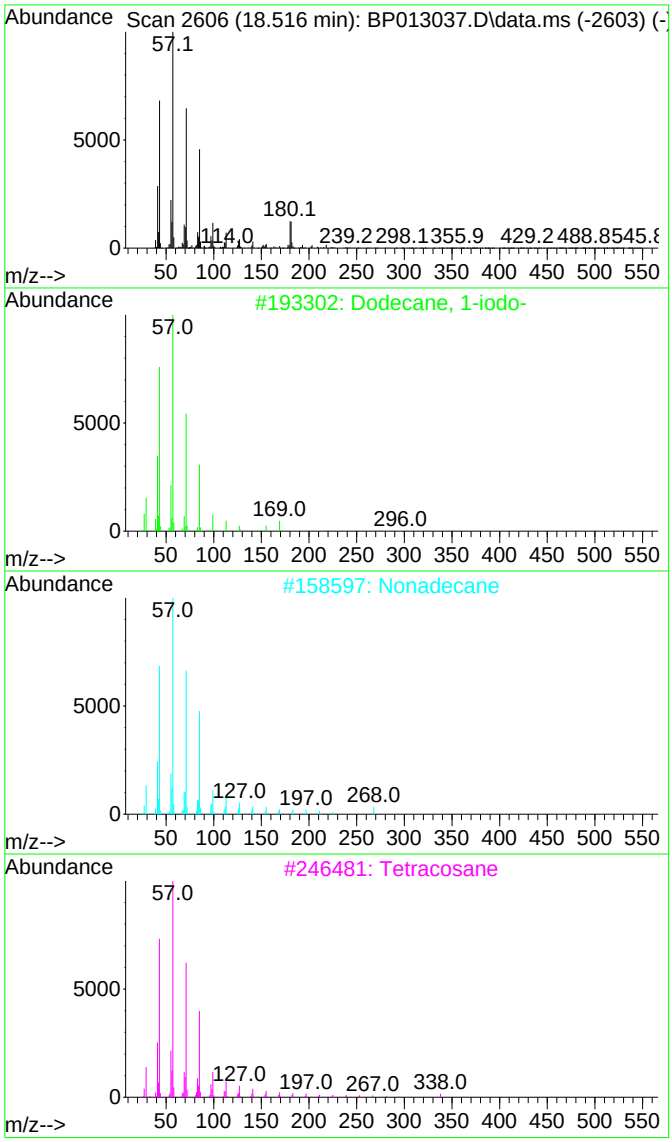
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

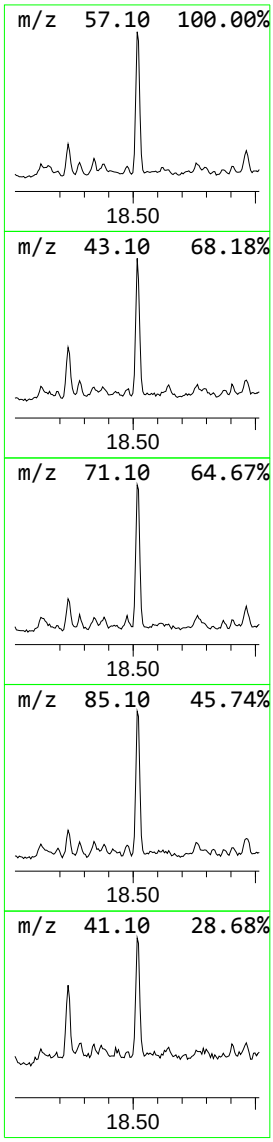
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dodecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.516	2.01 ng/ul	973992	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

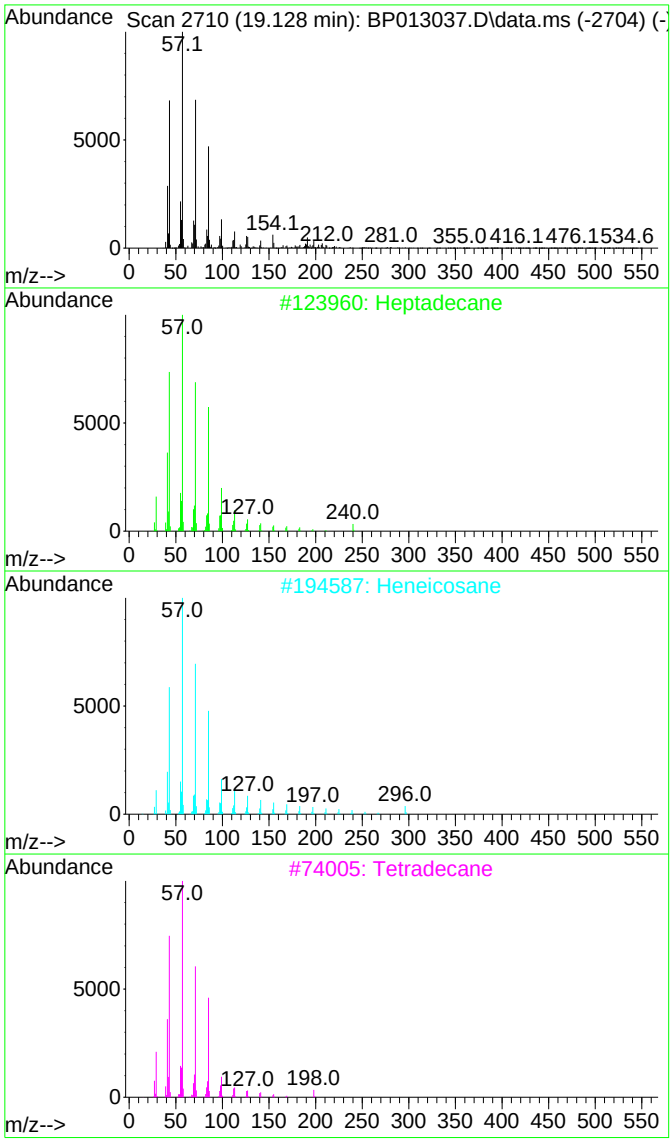
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

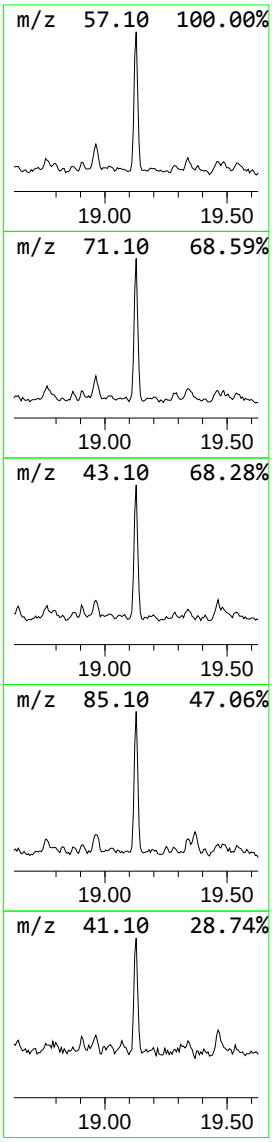
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.16 ng/ul	1046610	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

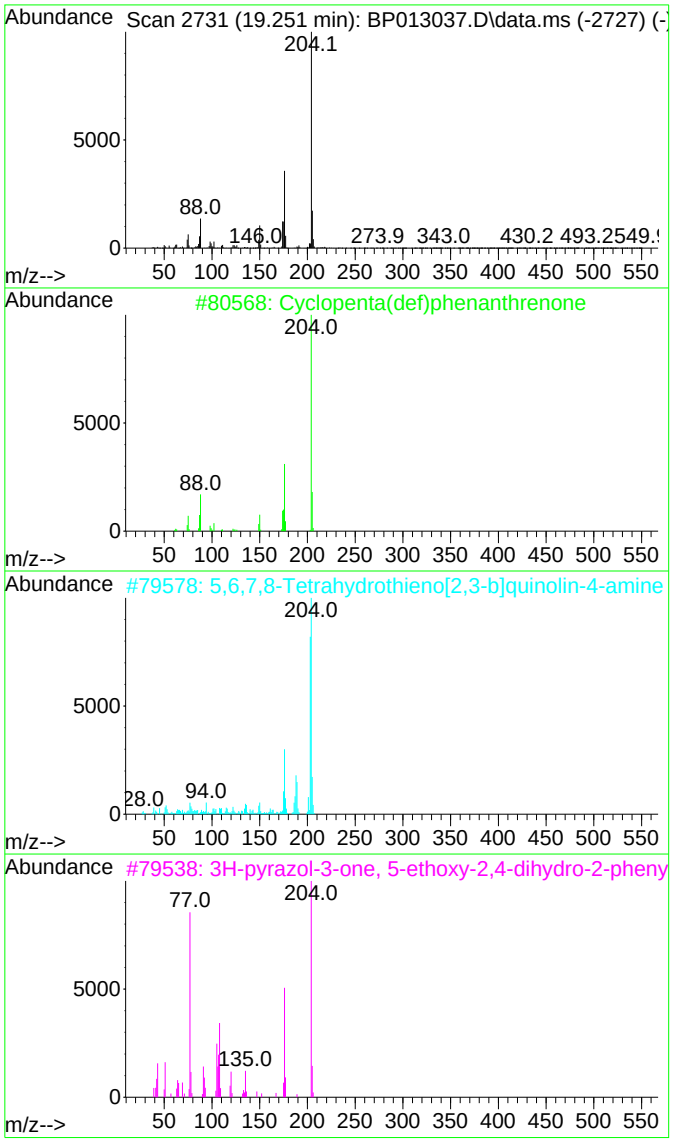
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

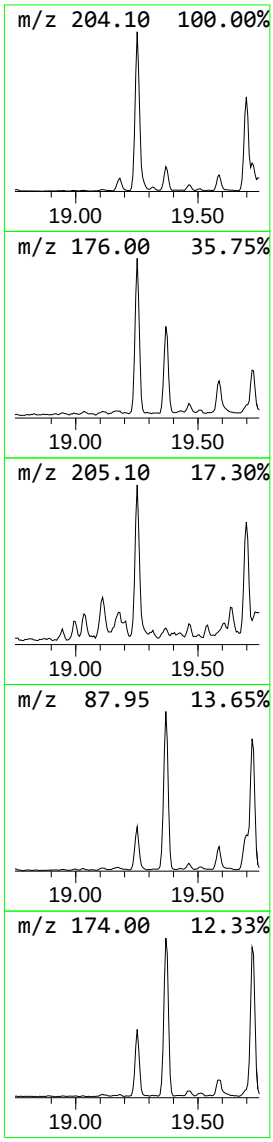
****

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.251	3.80 ng/ul	1838040	Phenanthrene-d10	17.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	59
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

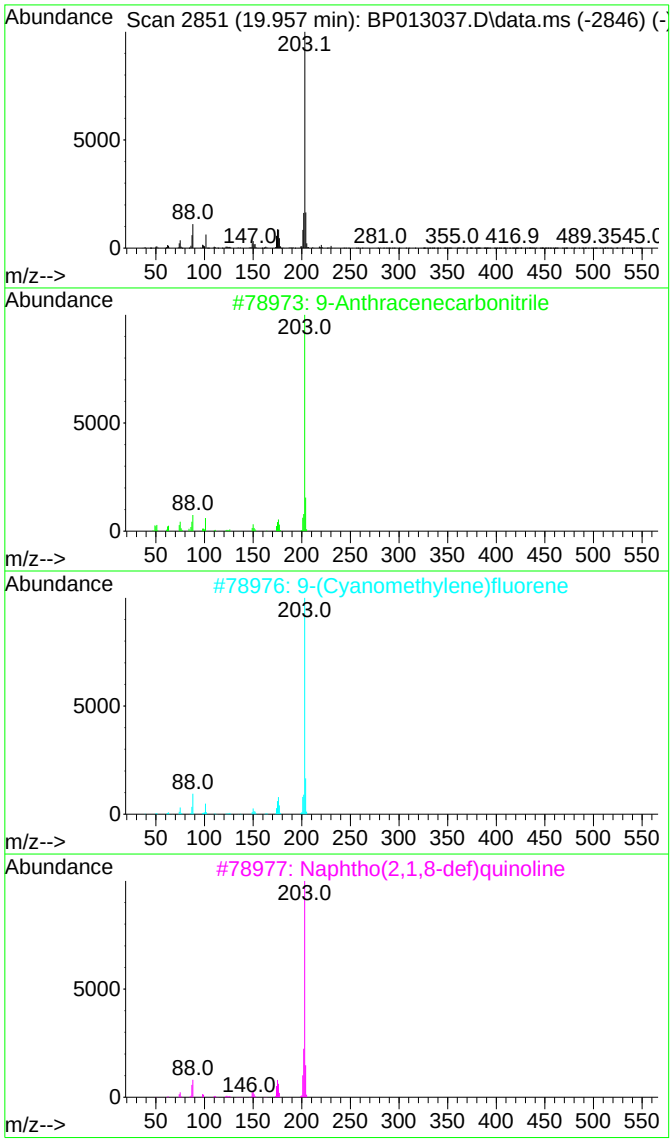
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

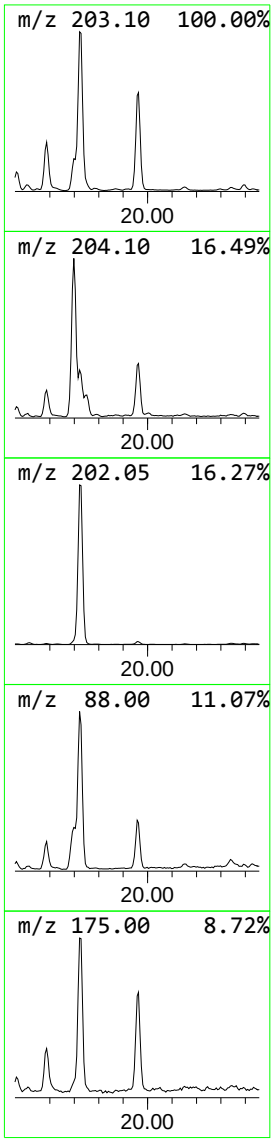
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9-Anthracenecarbonitrile Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.957	2.17 ng/ul	1658200	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
2	9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	96
3	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	95
4	9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	95
5	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	95





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Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

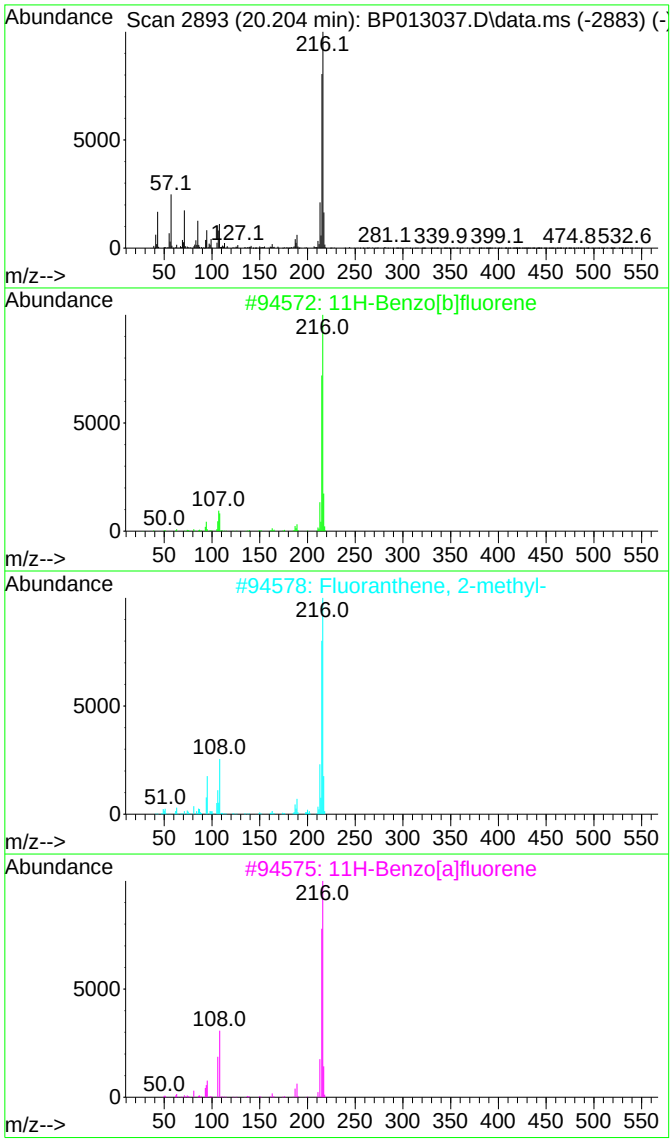
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

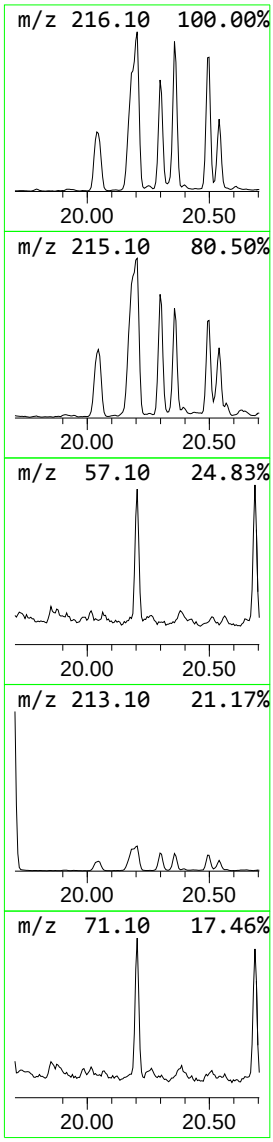
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.204	4.89 ng/ul	3743360	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

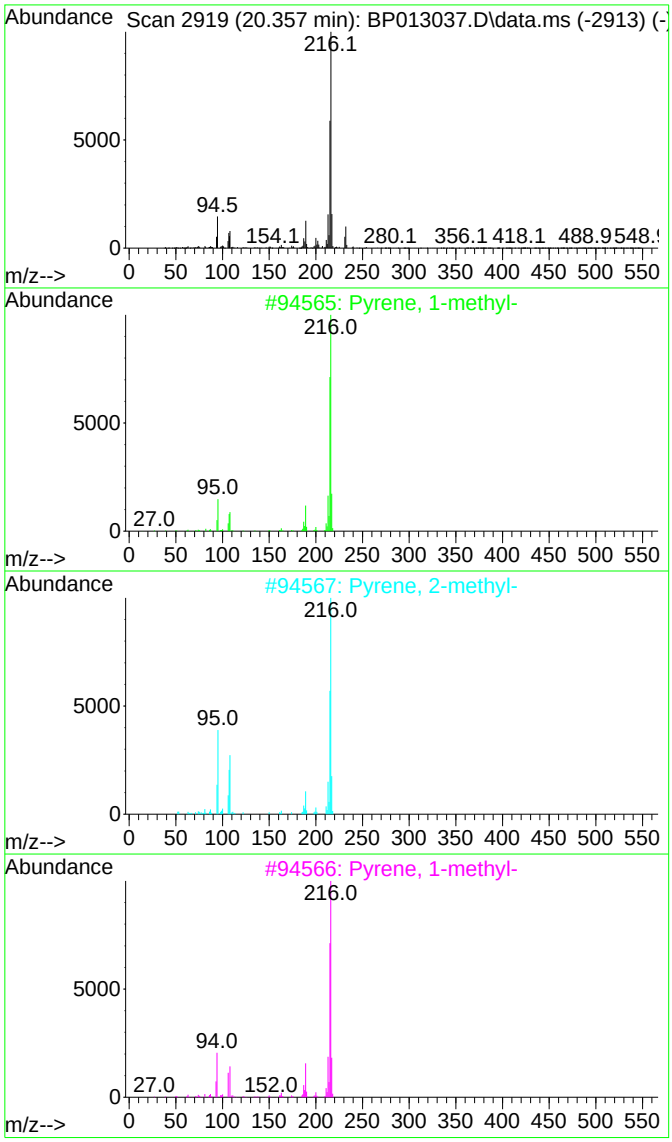
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

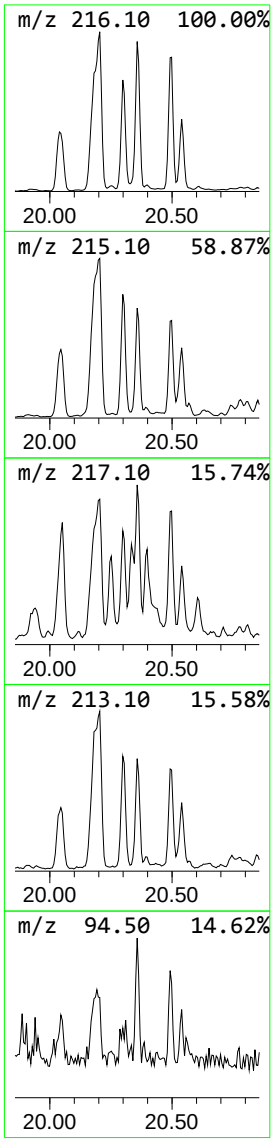
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	2.34 ng/ul	1792880	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

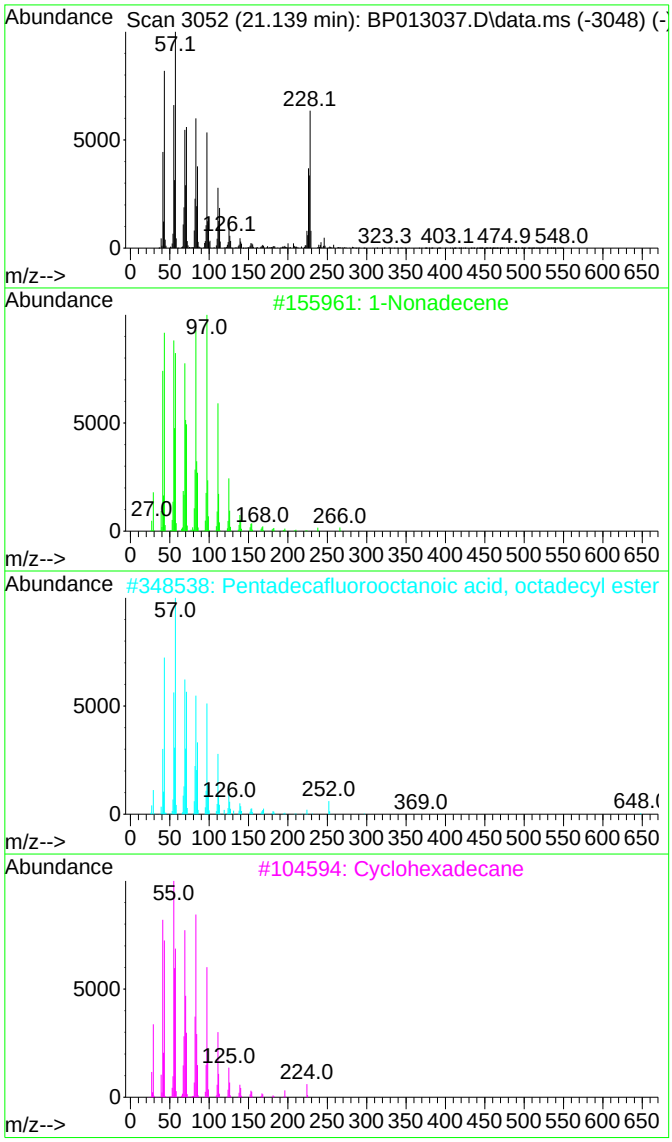
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

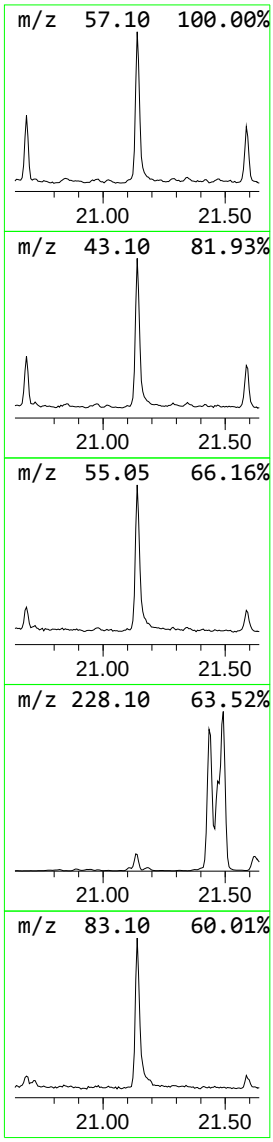
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	3.98 ng/ul	3045080	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
3	Cyclohexadecane	224	C16H32	000295-65-8	90
4	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	64
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	64





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Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

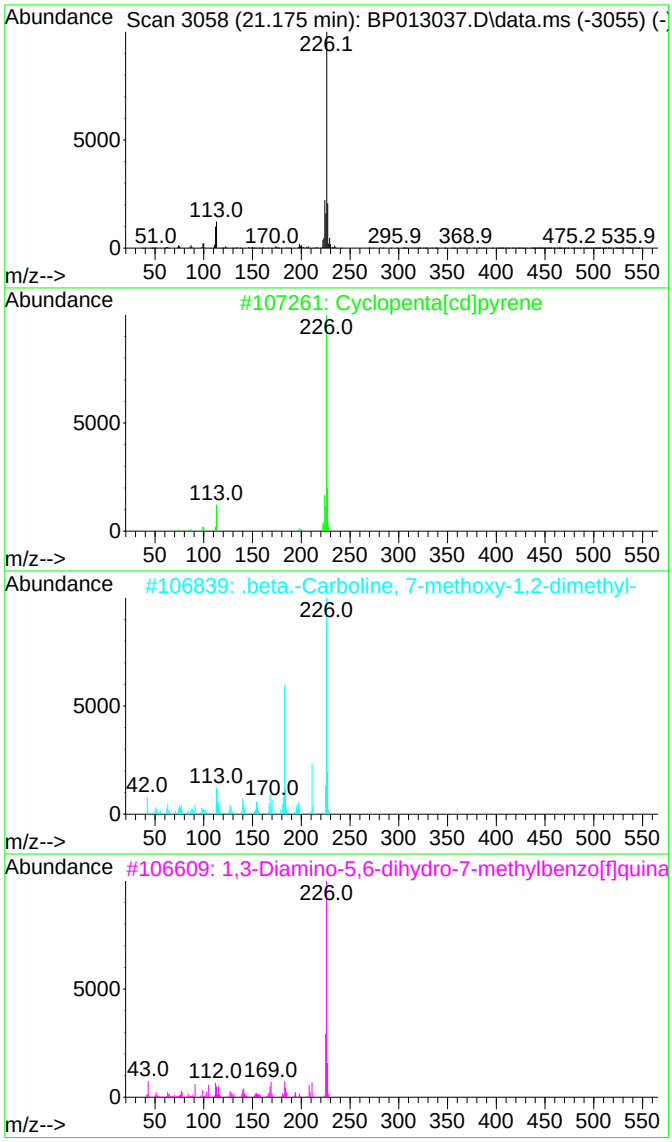
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

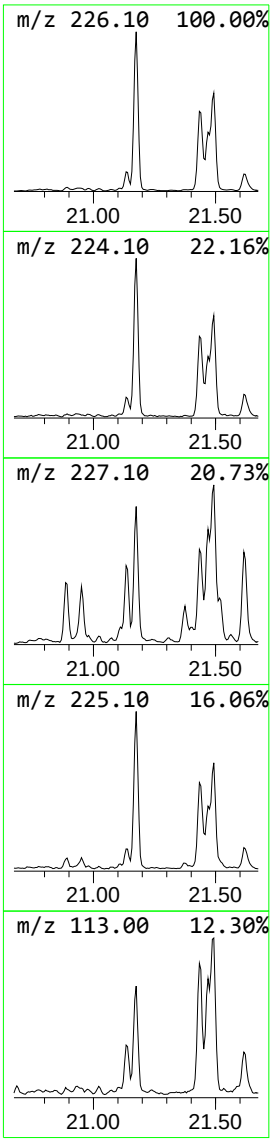
****

Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.175	2.98 ng/ul	2280560	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	89
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	53
4	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50





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Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

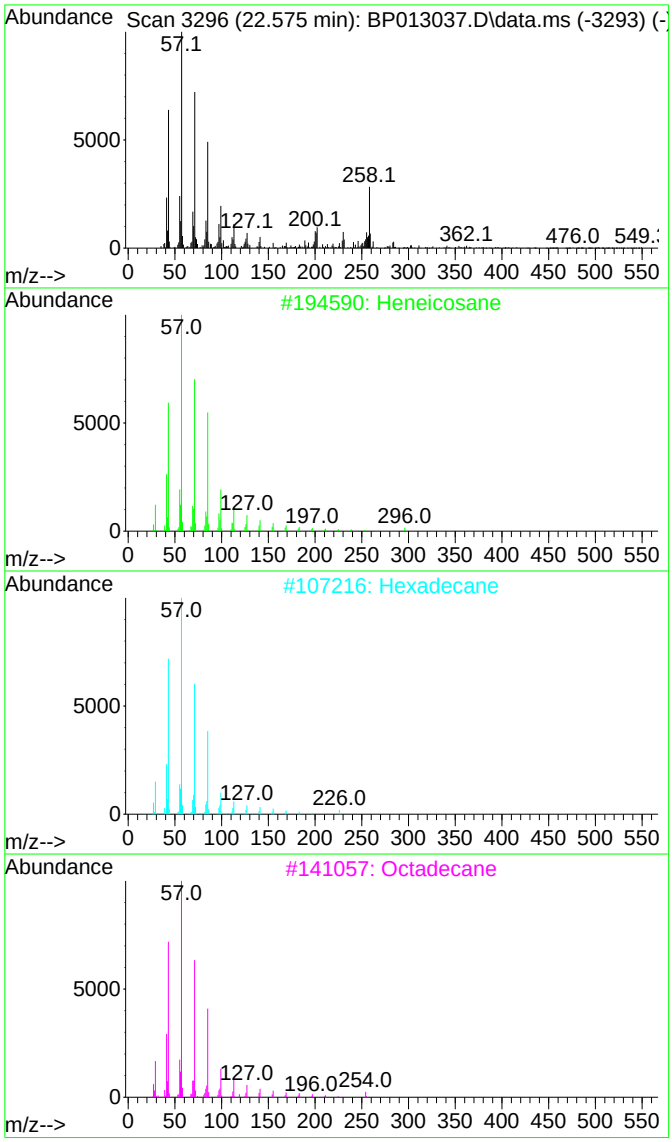
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

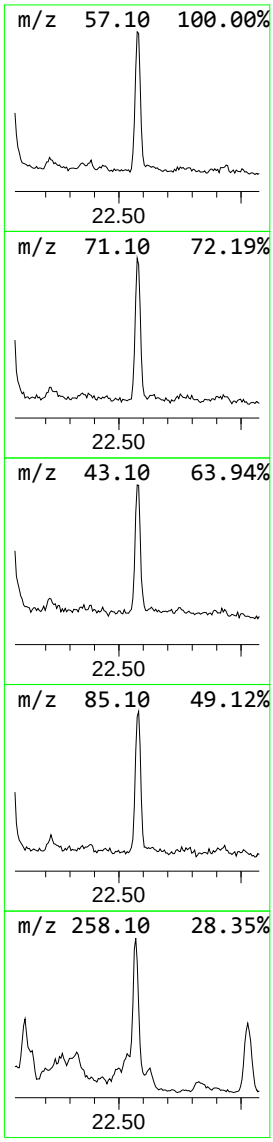
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.575	2.11 ng/ul	1617400	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Hexadecane	226	C16H34	000544-76-3	95
3	Octadecane	254	C18H38	000593-45-3	92
4	Nonadecane	268	C19H40	000629-92-5	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

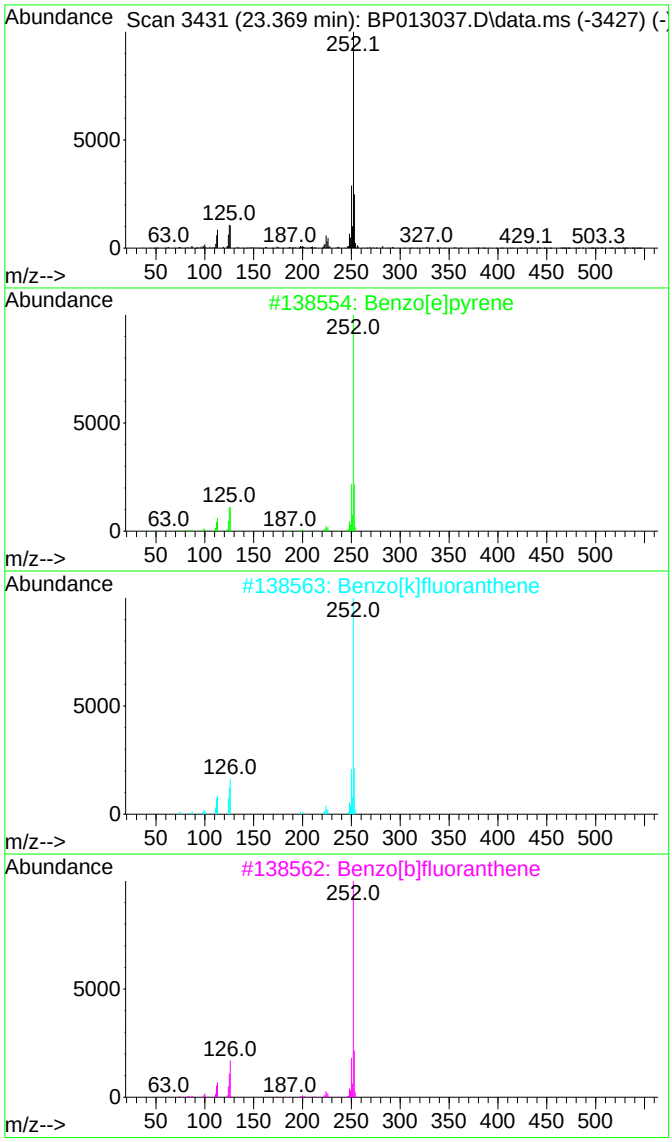
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

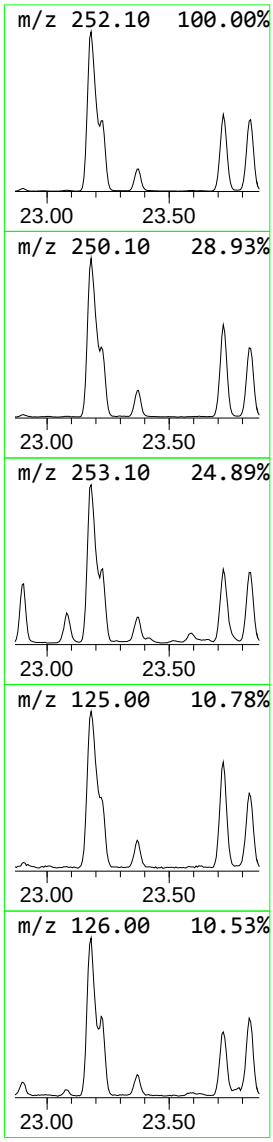
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.369	3.34 ng/ul	1149980	Perylene-d12	23.939

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	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

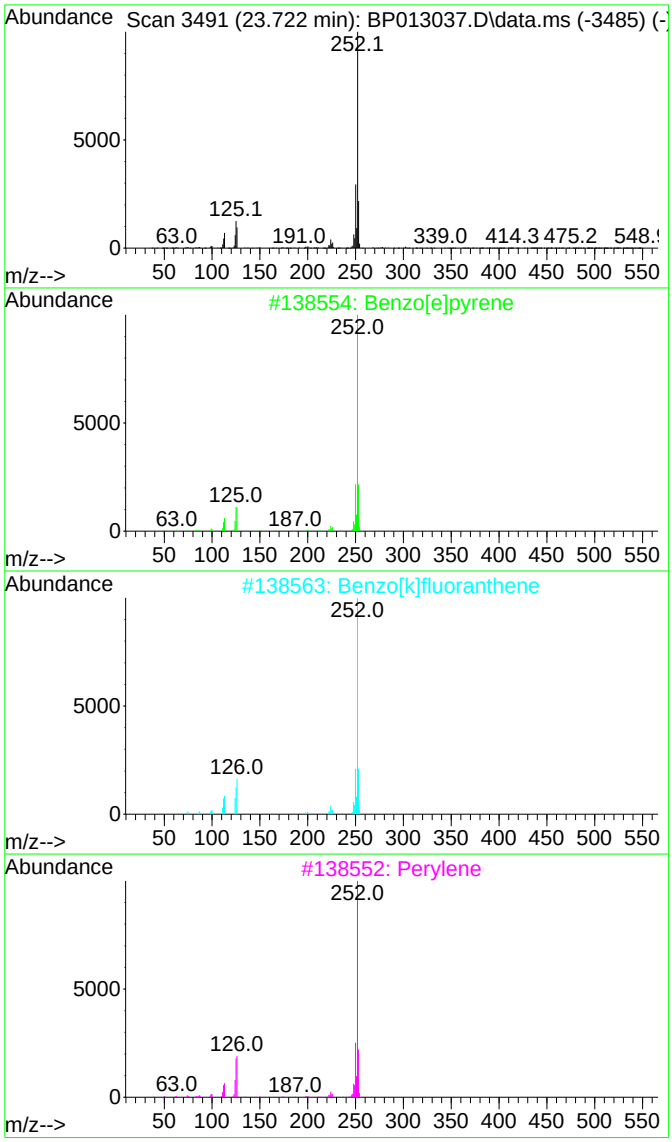
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

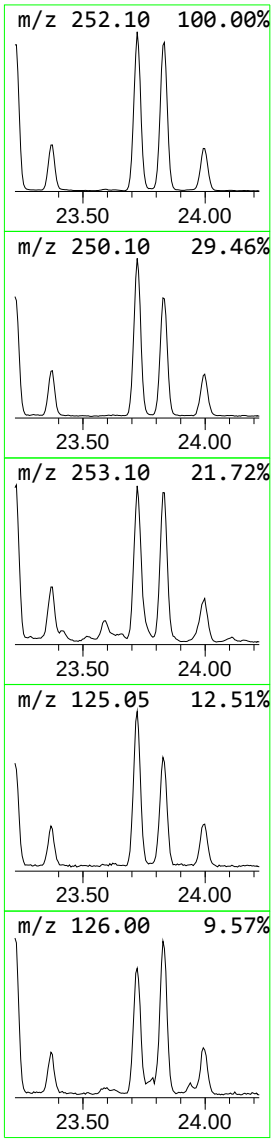
****

Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.721	12.36 ng/ul	4249880	Perylene-d12	23.939

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
Data File : BP013037.D
Acq On : 10 Dec 2022 13:37
Operator : CG/JU
Sample : N5832-19ME
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXL4ME

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.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
2-Pentanone, 4-...	5.058	2.1	ng/ul	390545	1	7.969	3701330	20.0
Dibenzo furan	15.010	2.4	ng/ul	938342	3	14.610	7970710	20.0
(DEL) Alkane: S...	16.310	2.1	ng/ul	1040150	4	17.369	9680880	20.0
(DEL) Alkane: S...	17.110	2.4	ng/ul	1146810	4	17.369	9680880	20.0
2-Bromo dodecane	17.163	2.1	ng/ul	1027260	4	17.369	9680880	20.0
5H-Indeno[1,2-b...	17.769	7.2	ng/ul	3490740	4	17.369	9680880	20.0
Phenanthrene, 2...	18.351	3.1	ng/ul	1489080	4	17.369	9680880	20.0
4H-Cyclopenta[d...	18.422	5.8	ng/ul	2803810	4	17.369	9680880	20.0
Dodecane, 1-iodo-	18.516	2.0	ng/ul	973992	4	17.369	9680880	20.0
(DEL) Alkane: S...	19.128	2.2	ng/ul	1046610	4	17.369	9680880	20.0
Cyclopenta(def)...	19.251	3.8	ng/ul	1838040	4	17.369	9680880	20.0
9-Anthracenecar...	19.957	2.2	ng/ul	1658200	5	21.451	15303900	20.0
11H-Benzo[b]flu...	20.204	4.9	ng/ul	3743360	5	21.451	15303900	20.0
Pyrene, 1-methyl-	20.357	2.3	ng/ul	1792880	5	21.451	15303900	20.0
(DEL) Alkane: S...	21.139	4.0	ng/ul	3045080	5	21.451	15303900	20.0
Cyclopenta[cd]p...	21.175	3.0	ng/ul	2280560	5	21.451	15303900	20.0
(DEL) Alkane: S...	22.575	2.1	ng/ul	1617400	5	21.451	15303900	20.0
Benzo[e]pyrene	23.369	3.3	ng/ul	1149980	6	23.939	6878140	20.0
Perylene	23.721	12.4	ng/ul	4249880	6	23.939	6878140	20.0