LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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: BP013012.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.975	804	814	824	rBV	2441455	3891632	7.27%	1.093%
2	8.681	928	934	944	rBV	150404	254066	0.47%	0.071%
3	10.405	1221	1227	1239	rVB	158127	277098	0.52%	0.078%
4	10.793	1281	1293	1298	rBV	3575106	6089070	11.37%	1.710%
5	10.840	1298	1301	1309	rVV	223748	352742	0.66%	0.099%
6	12.446	1566	1574	1583	rBV	266767	416373	0.78%	0.117%
7	13.446	1736	1744	1750	rBV2	134488	299205	0.56%	0.084%
8	14.022	1833	1842	1847	rVV	351727	532643	0.99%	0.150%
9	14.310	1885	1891	1894	rBV	358757	594964	1.11%	0.167%
10	14.504	1918	1924	1929	rBV	285405	385597	0.72%	0.108%
11	14.616	1932	1943	1949	rVV	5936555	8873433	16.57%	2.492%
12	14.681	1949	1954	1961	rVB	986733	1489324	2.78%	0.418%
13	14.810	1971	1976	1987	rVB5	83643	246932	0.46%	0.069%
14	14.928	1987	1996	2004	rBV4	124742	301655	0.56%	0.085%
15	15.010	2004	2010	2016	rVV	1186109	1740943	3.25%	0.489%
16	15.451	2079	2085	2090	rVB	334233	473074	0.88%	0.133%
17	15.604	2107	2111	2116	rVB	526140	718001	1.34%	0.202%
18	15.663	2116	2121	2128	rBV	3190716	4432420	8.28%	1.245%
19	15.822	2145	2148	2152	rVV2	191875	288109	0.54%	0.081%
20	15.910	2159	2163	2167	rVV	198946	283578	0.53%	0.080%
21	15.957	2167	2171	2177	rVB	441004	656250	1.23%	0.184%
22	16.104	2187	2196	2204	rBV2	424054	1052490	1.97%	0.296%
23	16.316	2227	2232	2235	rBV	713512	1059139	1.98%	0.297%
24	16.669	2282	2292	2297	rBV3	444377	920254	1.72%	0.258%
25	16.722	2297	2301	2307	rVB4	197803	335541	0.63%	0.094%
26	16.822	2314	2318	2323	rVB2	225801	326359	0.61%	0.092%
27	16.898	2324	2331	2334	rBV2	246285	474199	0.89%	0.133%
28	16.940	2334	2338	2341	rVB3	207376	297099	0.55%	0.083%
29	17.022	2348	2352	2358	rVB3	199504	326215	0.61%	0.092%
30	17.116	2361	2368	2373	rVV3	734629	1404468	2.62%	0.394%
31	17.187	2373	2380	2389	rVB2	873044	1645017	3.07%	0.462%
32	17.375	2405	2412	2415	rBV	7221828	10956726	20.46%	3.077%
33	17.416	2415	2419	2425	rVV	10064148	14107166	26.34%	3.961%
34	17.516	2425	2436	2441	rVV2	29903823	53558659	100.00%	15.040%
35	17.563	2441	2444	2454	rVV	667212	1248442	2.33%	0.351%
36	17.651	2454	2459	2467	rVB	544687	897016	1.67%	0.252%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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	17.775	2474	2480	2489	rBV	5550990	7783480	14.53%	2.186%
38	17.857	2490	2494	2496	rVV	564049	666620	1.24%	0.187%
39	17.887	2496	2499	2505	rVV	409119	576570	1.08%	0.162%
40	17.945	2506	2509	2518	rVB2	208437	400850	0.75%	0.113%
41	18.087	2529	2533	2538	rBV	130529	263417	0.49%	0.074%
42	18.234	2554	2558	2562	rBV	928763	1175470	2.19%	0.330%
43	18.281	2562	2566	2571	rVB	1285523	1770543	3.31%	0.497%
44	18.357	2574	2579	2585	rBV	1485166	2195384	4.10%	0.616%
45	18.428	2585	2591	2595	rBV	5751778	8348795	15.59%	2.344%
46	18.528	2603	2608	2611	rBV3	661628	848196	1.58%	0.238%
47	18.563	2611	2614	2618	rVB	214158	265461	0.50%	0.075%
48	18.610	2619	2622	2627	rBV3	226487	334819	0.63%	0.094%
49	18.716	2635	2640	2643	rBV	816242	1034132	1.93%	0.290%
50	18.757	2643	2647	2652	rVB2	400636	562154	1.05%	0.158%
51	18.951	2677	2680	2685	rVV2	271367	356230	0.67%	0.100%
52	18.998	2685	2688	2691	rVV2	227154	278530	0.52%	0.078%
53	19.039	2691	2695	2698	rVB	288037	375469	0.70%	0.105%
54	19.128	2704	2710	2714	rBV2	622326	1370177	2.56%	0.385%
55	19.181	2714	2719	2727	rVB2	742171	1492907	2.79%	0.419%
56	19.257	2728	2732	2734	rBV2	539331	806936	1.51%	0.227%
57	19.381	2747	2753	2758	rBV	23682022	32681457	61.02%	9.177%
58	19.433	2759	2762	2765	rVV	307143	368918	0.69%	0.104%
59	19.469	2765	2768	2772	rVB	647071	759561	1.42%	0.213%
60	19.610	2785	2792	2801	rVB2	1106483	2489648	4.65%	0.699%
61	19.698	2802	2807	2809	rVV3	4930018	7451402	13.91%	2.092%
62	19.733	2809	2813	2820	rVV	19829843	27636680	51.60%	7.761%
63	19.792	2820	2823	2830	rVB2	805194	1172127	2.19%	0.329%
64	19.898	2837	2841	2847	rBV	1290052	1816748	3.39%	0.510%
65	19.963	2848	2852	2859	rVB	1715731	2366825	4.42%	0.665%
66	20.039	2859	2865	2872	rBV3	1271455	3029819	5.66%	0.851%
67	20.210	2882	2894	2898	rVB	3732112	7329313	13.68%	2.058%
68	20.251	2898	2901	2905	rBV	395652	532682	0.99%	0.150%
69	20.304	2905	2910	2914	rBV	3363066	4292694	8.01%	1.205%
70	20.363	2914	2920	2924	rVV3	1635541	2915193	5.44%	0.819%
71	20.398	2924	2926	2930	rVB	605308	635438	1.19%	0.178%
72	20.498	2939	2943	2947	rBV	1109819	1582652	2.95%	0.444%
73	20.545	2947	2951	2955	rVB	893117	1147914	2.14%	0.322%
74	20.616	2960	2963	2967	rBV3	230266	338632	0.63%	0.095%
75	20.692	2973	2976	2981	rBV3	298251	357914	0.67%	0.101%
76	20.786	2988	2992	2994	rBV3	384974	504929	0.94%	0.142%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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	20.810	2994	2996	3001	rVV3	372066	455280	0.85%	0.128%
78	20.851	3001	3003	3007	rVB3	333337	341296	0.64%	0.096%
79	20.898	3007	3011	3015	rBV2	563406	977723	1.83%	0.275%
80	20.945	3016	3019	3024	rVB3	561628	872455	1.63%	0.245%
81	21.104	3042	3046	3049	rBV	1636332	2063232	3.85%	0.579%
82	21.139	3049	3052	3056	rVV2	1487156	1916604	3.58%	0.538%
83	21.180	3056	3059	3063	rVB2	1900331	2430649	4.54%	0.683%
84	21.457	3094	3106	3110	rBV2	10278169	25240202	47.13%	7.088%
85	21.498	3110	3113	3123	rVB	10979044	14436831	26.96%	4.054%
86	21.586	3125	3128	3131	rVV4	469770	663148	1.24%	0.186%
87	21.627	3131	3135	3141	rVB	1220331	1825712	3.41%	0.513%
88	21.733	3150	3153	3158	rVB	853310	1166452	2.18%	0.328%
89	21.786	3158	3162	3168	rVB3	895549	1445118	2.70%	0.406%
90	22.222	3233	3236	3240	rVV2	455871	601483	1.12%	0.169%
91	22.269	3241	3244	3247	rVV2	682883	1042539	1.95%	0.293%
92	22.304	3248	3250	3257	rVB2	983915	1413809	2.64%	0.397%
93	22.586	3294	3298	3314	rVB4	891394	2030631	3.79%	0.570%
94	23.186	3392	3400	3406	rBV	5280539	14370198	26.83%	4.035%
95	23.380	3429	3433	3440	rVB	659636	1085003	2.03%	0.305%
96	23.727	3487	3492	3499	rBV	2236644	4484584	8.37%	1.259%
97	23.833	3504	3510	3519	rVB2	3411998	8280125	15.46%	2.325%
98	23.951	3523	3530	3536	rBV2	5120730	10216856	19.08%	2.869%
99	24.580	3631	3637	3650	rVB	1609991	3604773	6.73%	1.012%
100	25.468	3781	3788	3802	rVB2	1412905	3619881	6.76%	1.017%

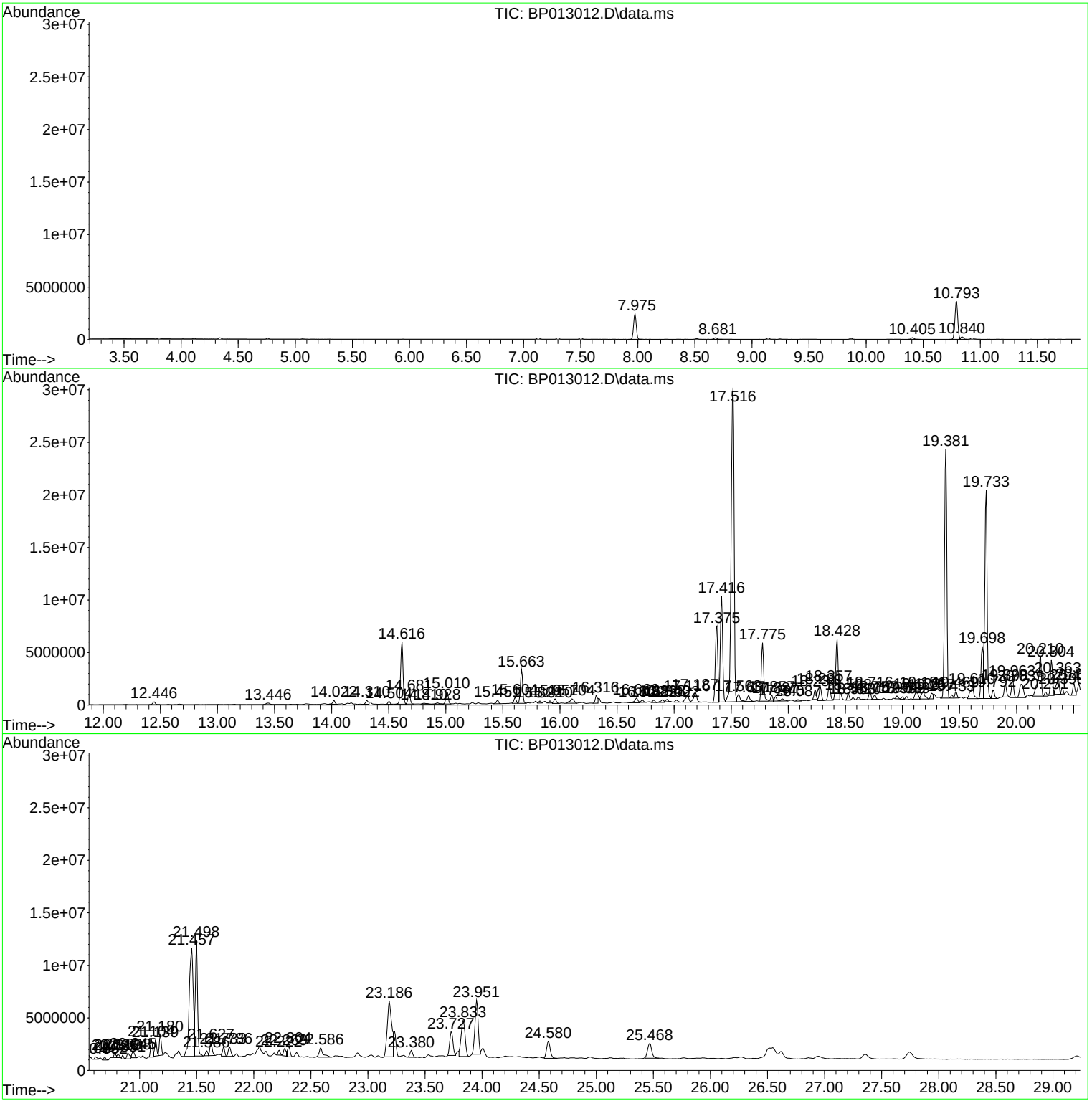
Sum of corrected areas: 356107169

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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

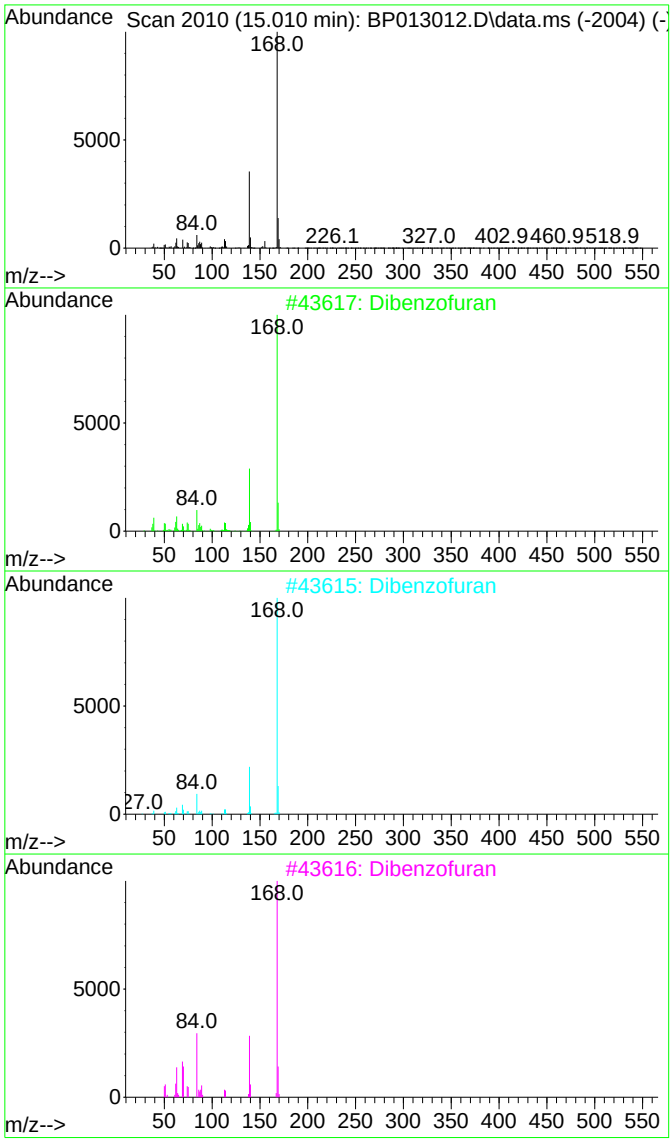
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

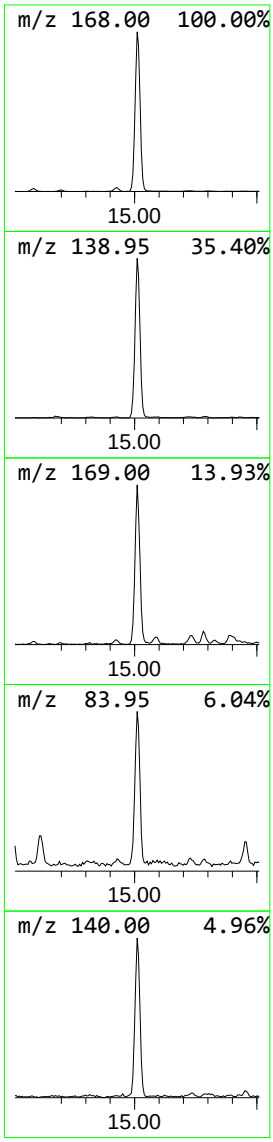
****

Peak Number 1 Dibenzo furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	3.92 ng/ul	1740940	Acenaphthene-d10	14.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	87
3	Dibenzofuran	168	C12H8O	000132-64-9	78
4	4-Fluoro-1,3-benzothiazol-2-ylamine	168	C7H5FN2S	020358-06-9	64
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

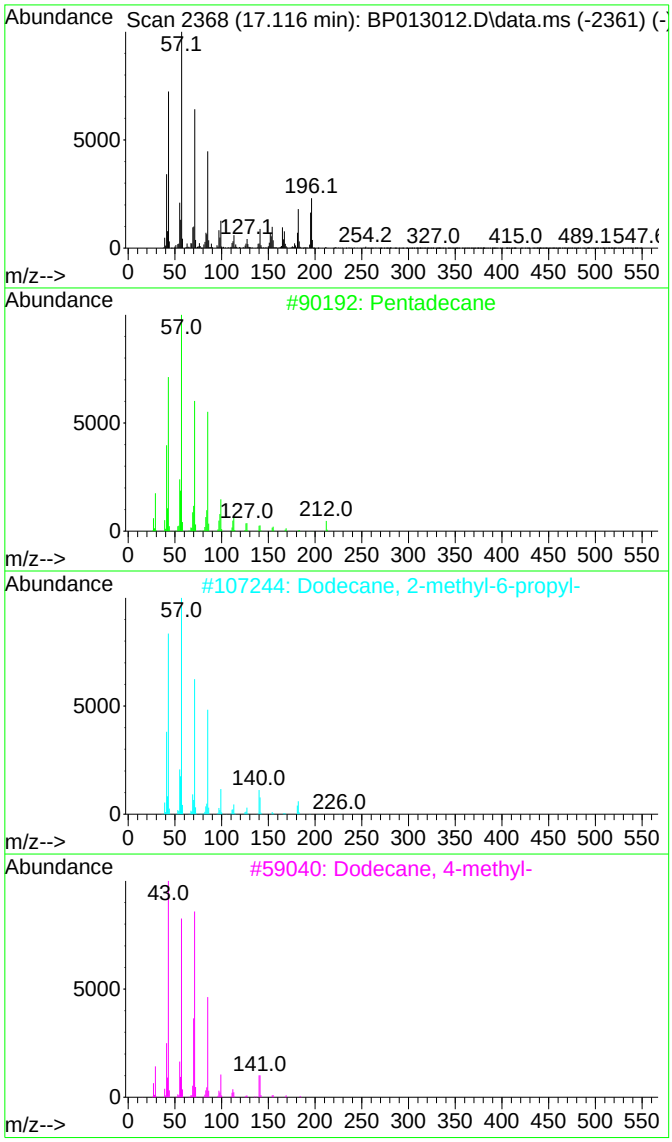
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

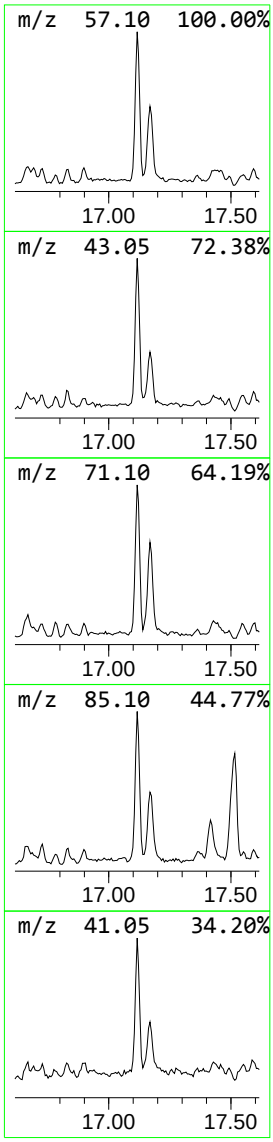
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.116	2.56 ng/ul	1404470	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	70
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	58
5	Tetracosane	338	C24H50	000646-31-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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

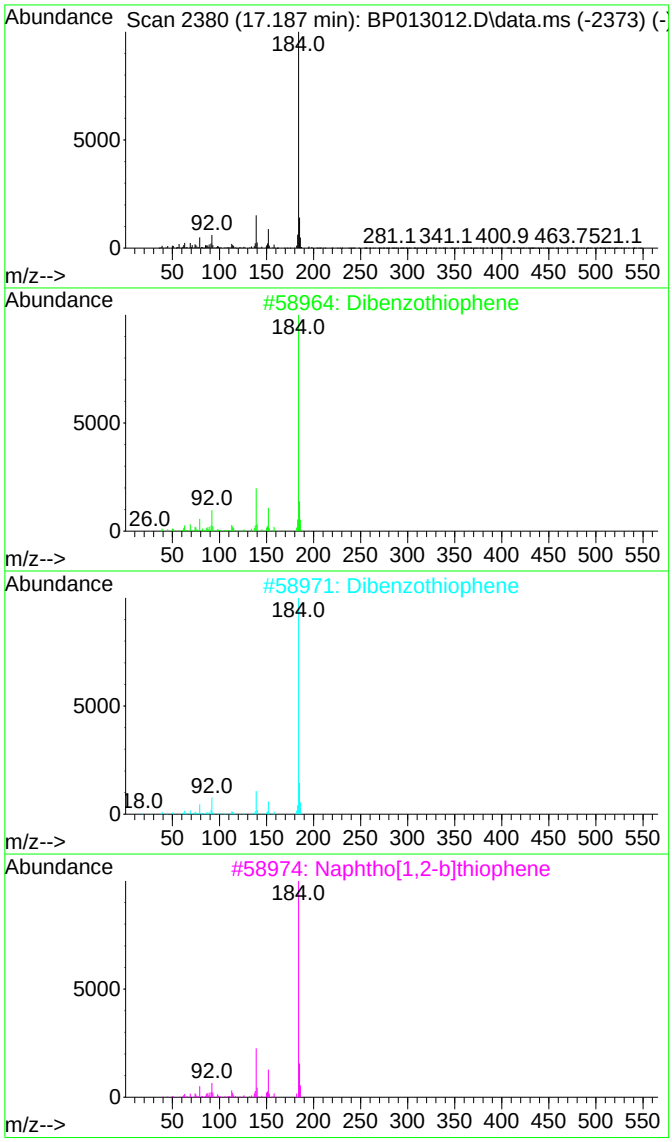
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

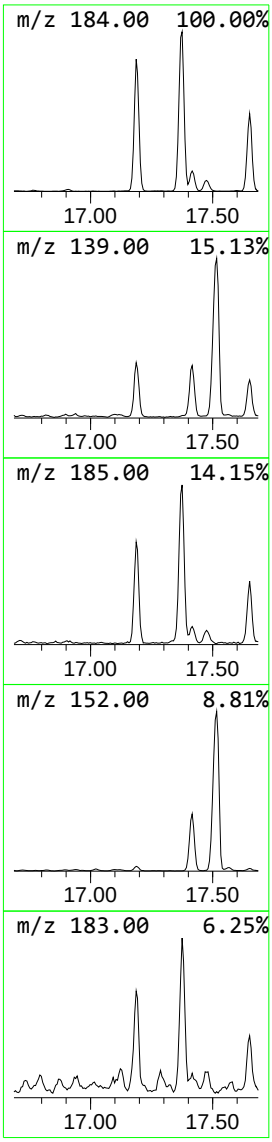
****

Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	3.00 ng/ul	1645020	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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

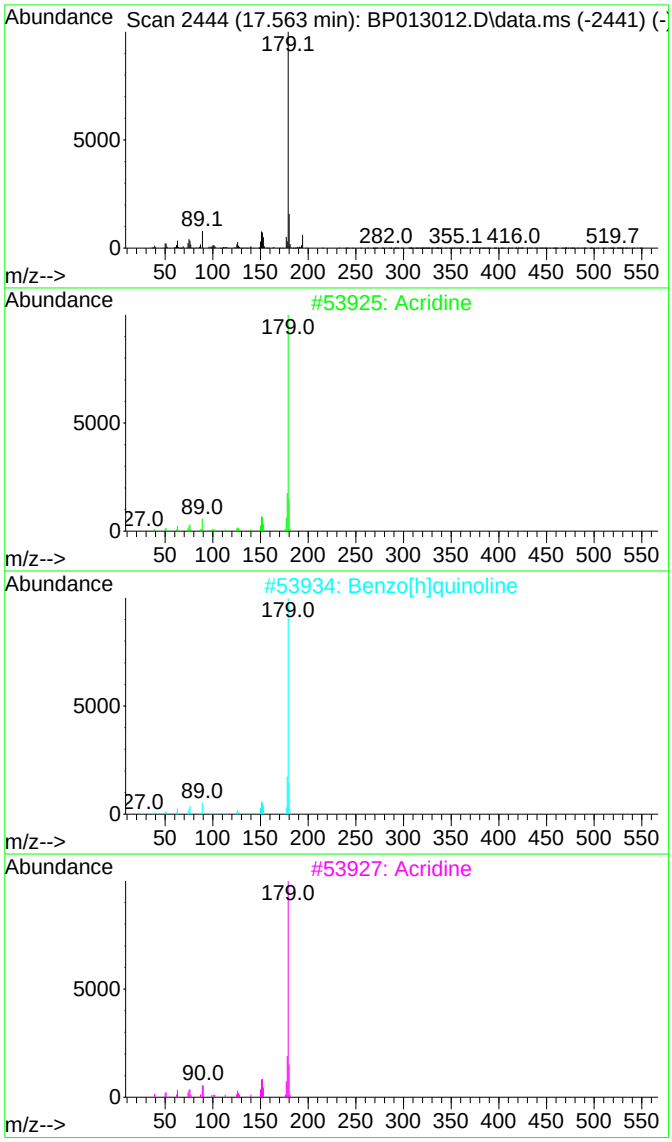
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

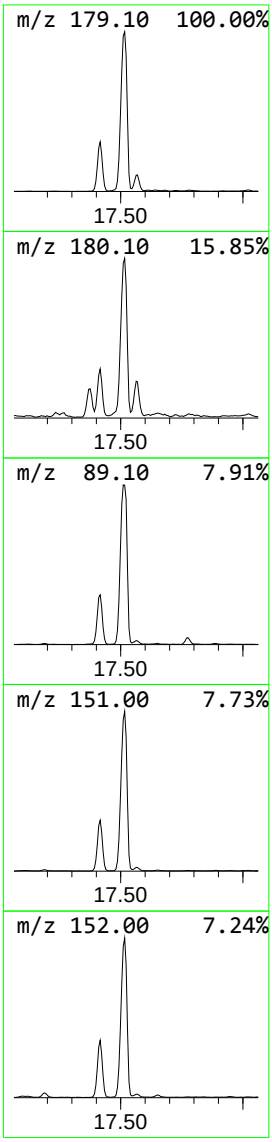
****

Peak Number 4 Acridine Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	2.28 ng/ul	1248440	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	94
2	Benzo[h]quinoline	179	C13H9N	000230-27-3	94
3	Acridine	179	C13H9N	000260-94-6	91
4	Acridine	179	C13H9N	000260-94-6	90
5	Acridine	179	C13H9N	000260-94-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

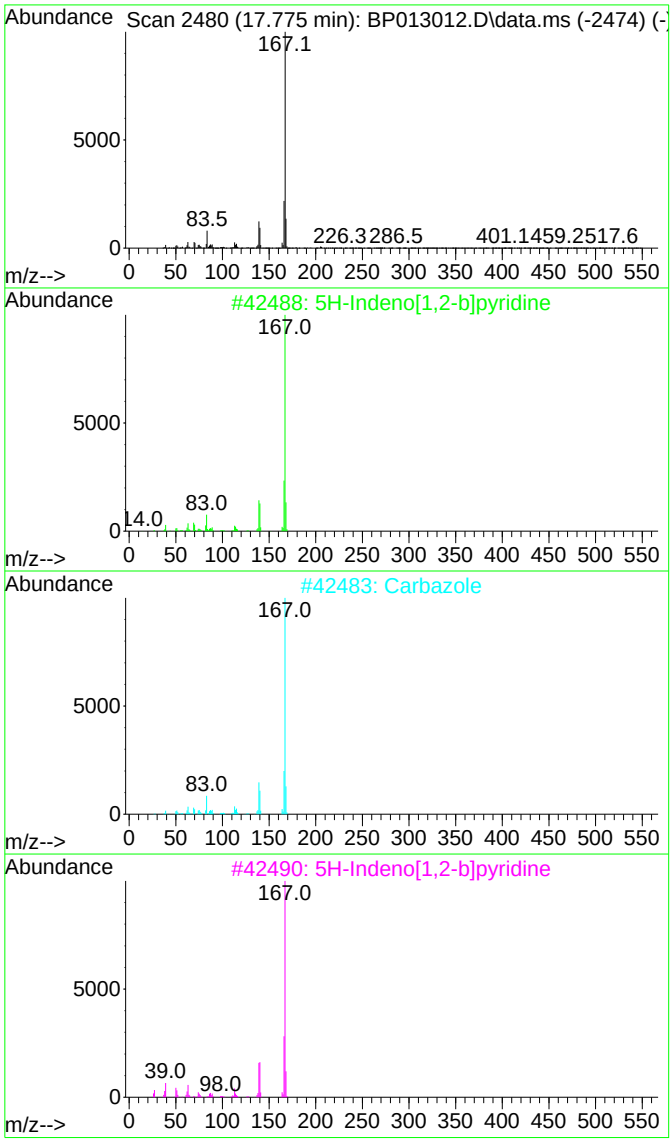
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

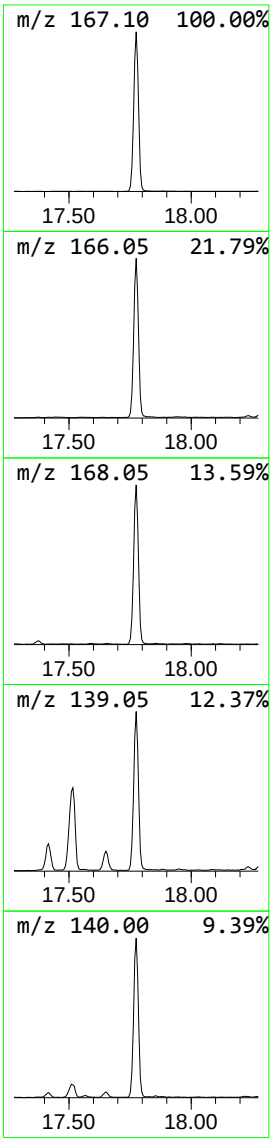
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.775	14.21 ng/ul	7783480	Phenanthrene-d10	17.375

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	97
3	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	91
4	Carbazole	167	C12H9N	000086-74-8	91
5	Carbazole	167	C12H9N	000086-74-8	86





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Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

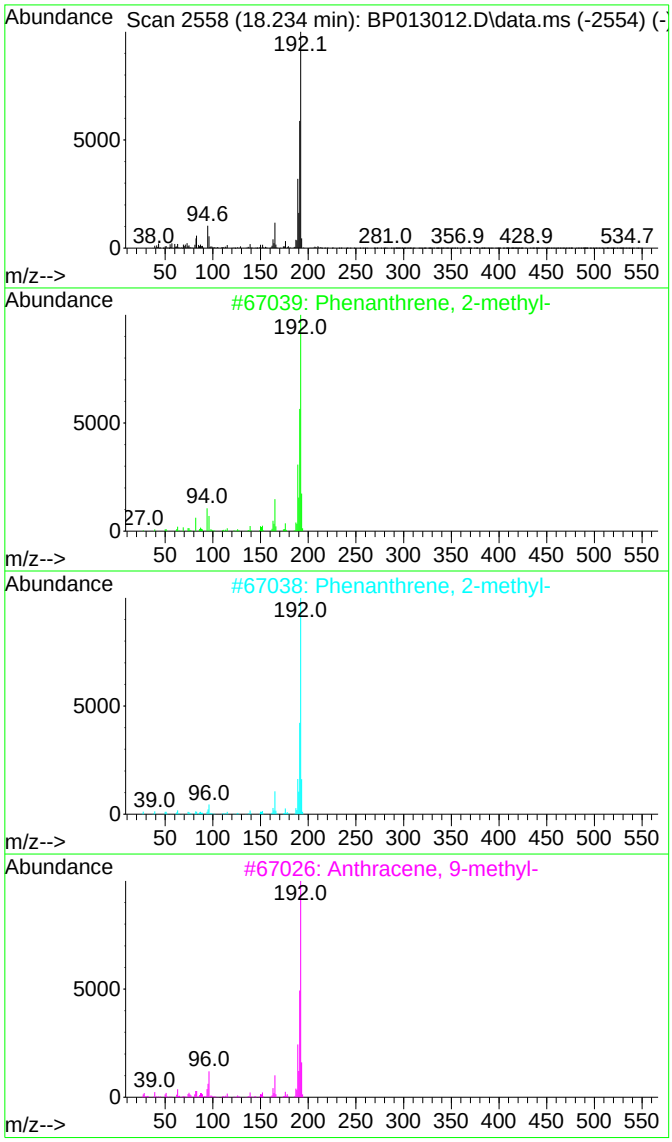
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

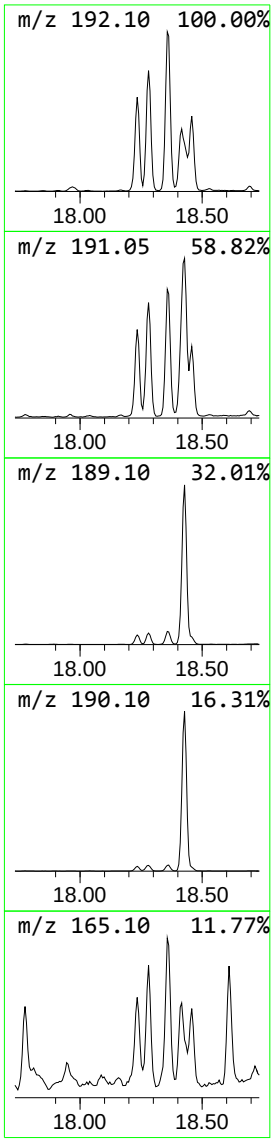
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.234	2.15 ng/ul	1175470	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	83





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Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

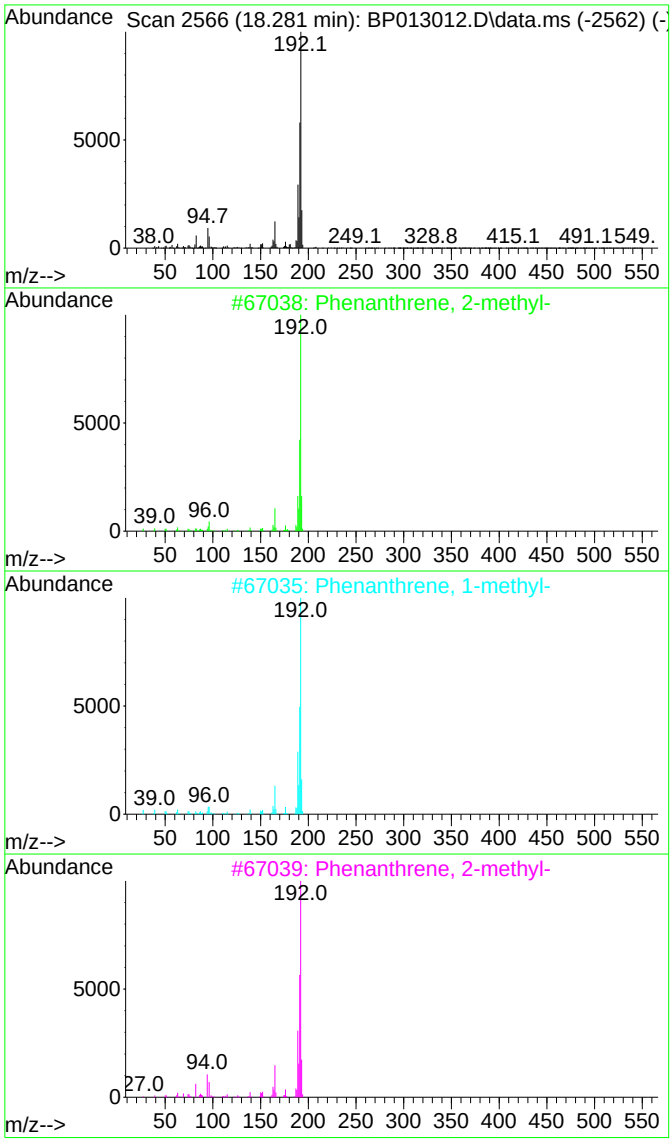
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

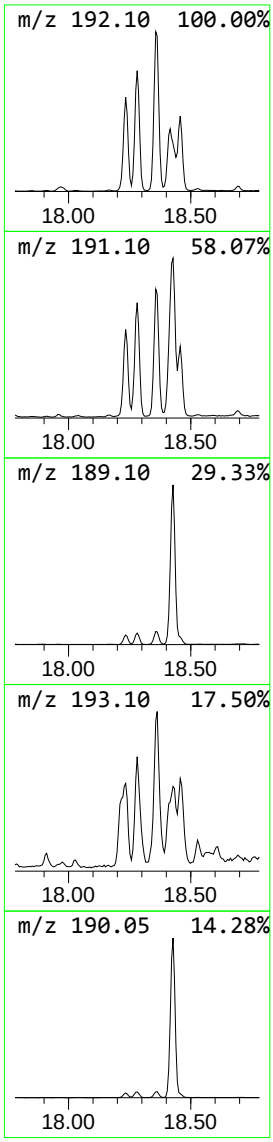
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	3.23 ng/ul	1770540	Phenanthrene-d10	17.375

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





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Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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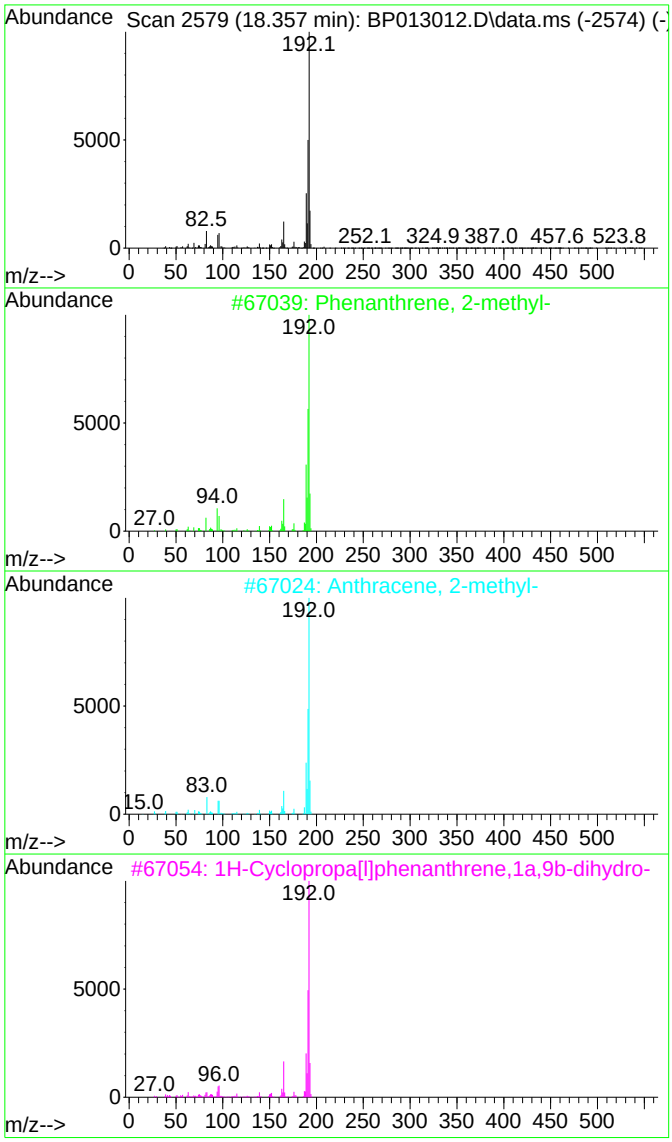
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

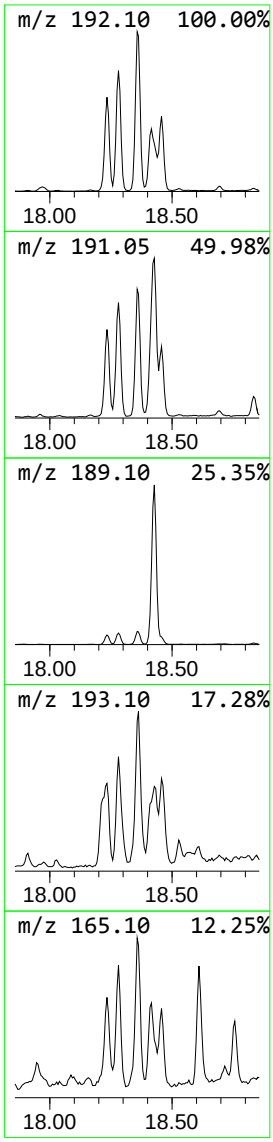
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	4.01 ng/ul	2195380	Phenanthrene-d10	17.375

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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Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

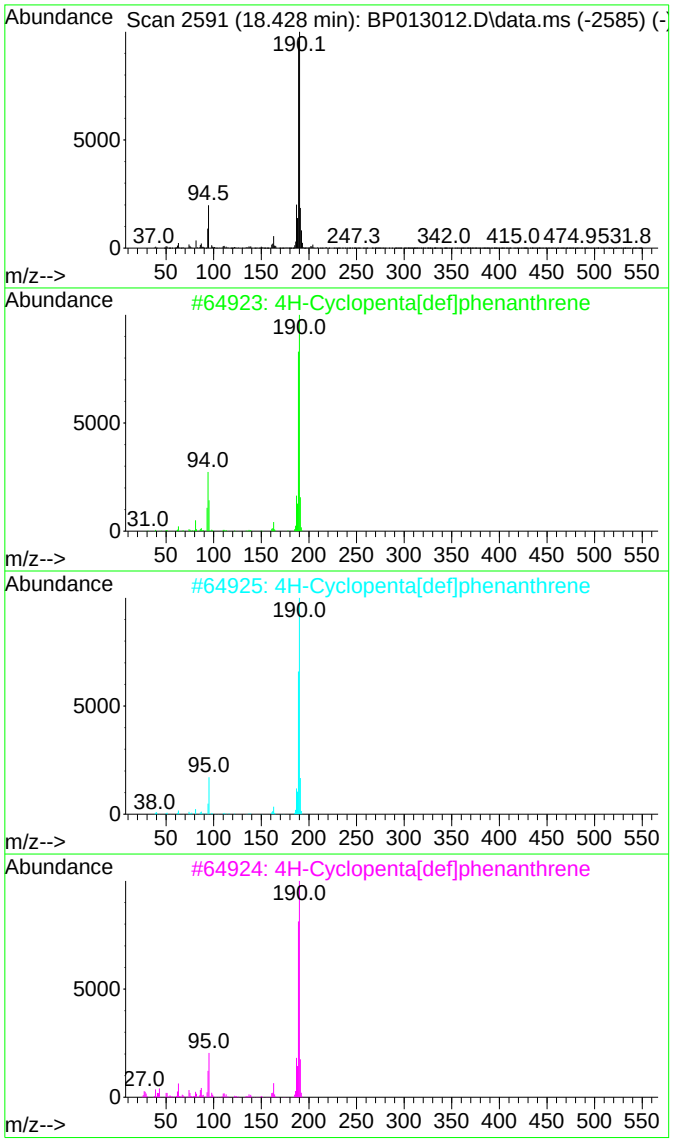
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

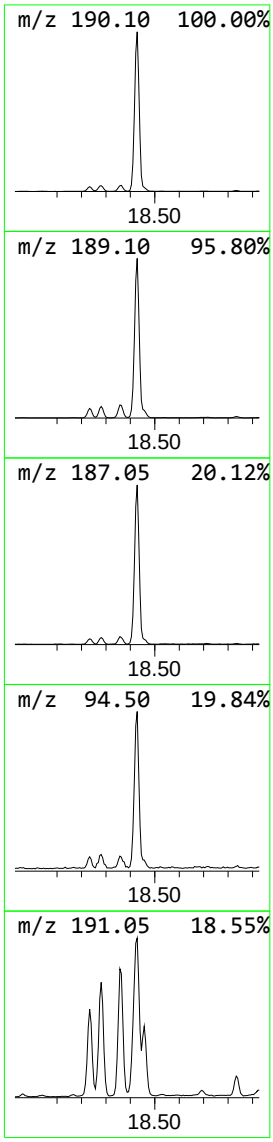
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	15.24 ng/ul	8348800	Phenanthrene-d10	17.375

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	83
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64





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Misc :
ALS Vial : 39 Sample Multiplier: 1

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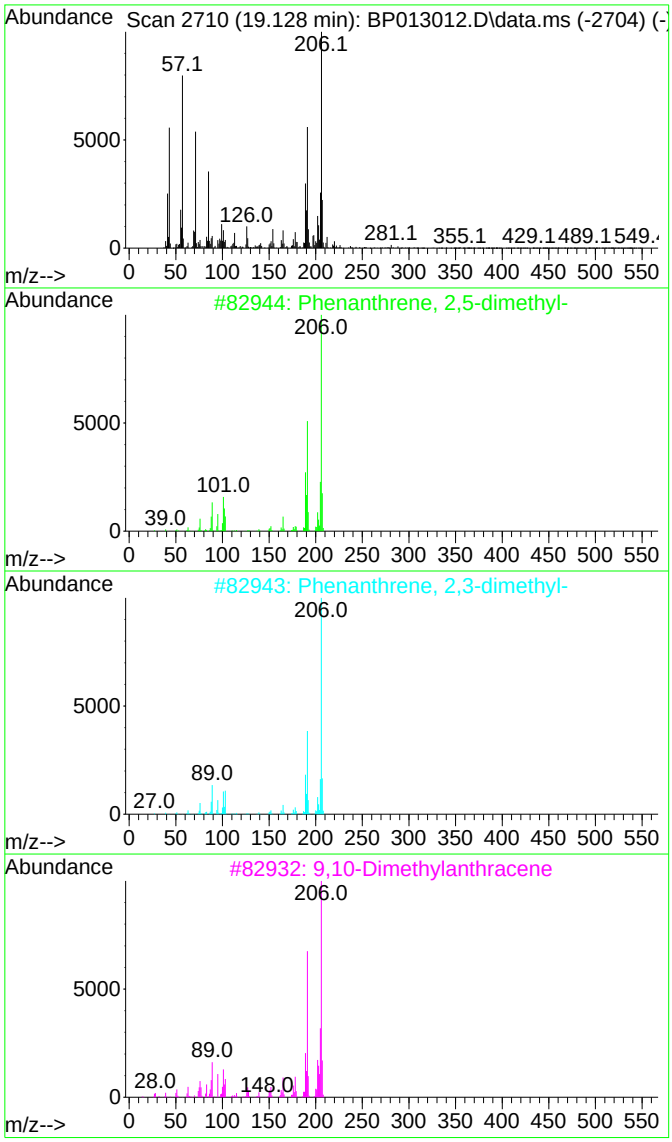
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

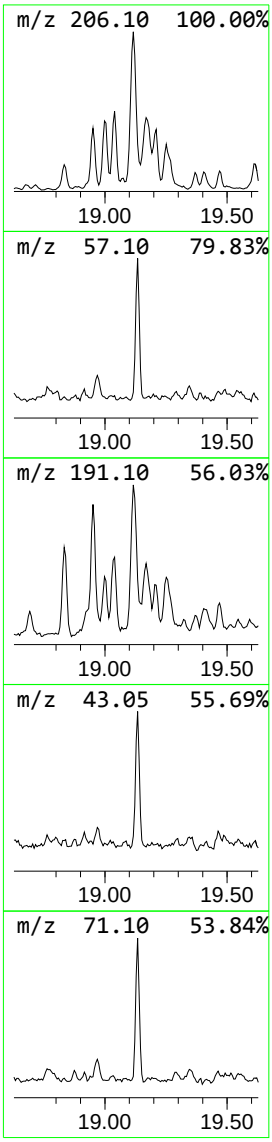
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.50 ng/ul	1370180	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	78
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	64





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Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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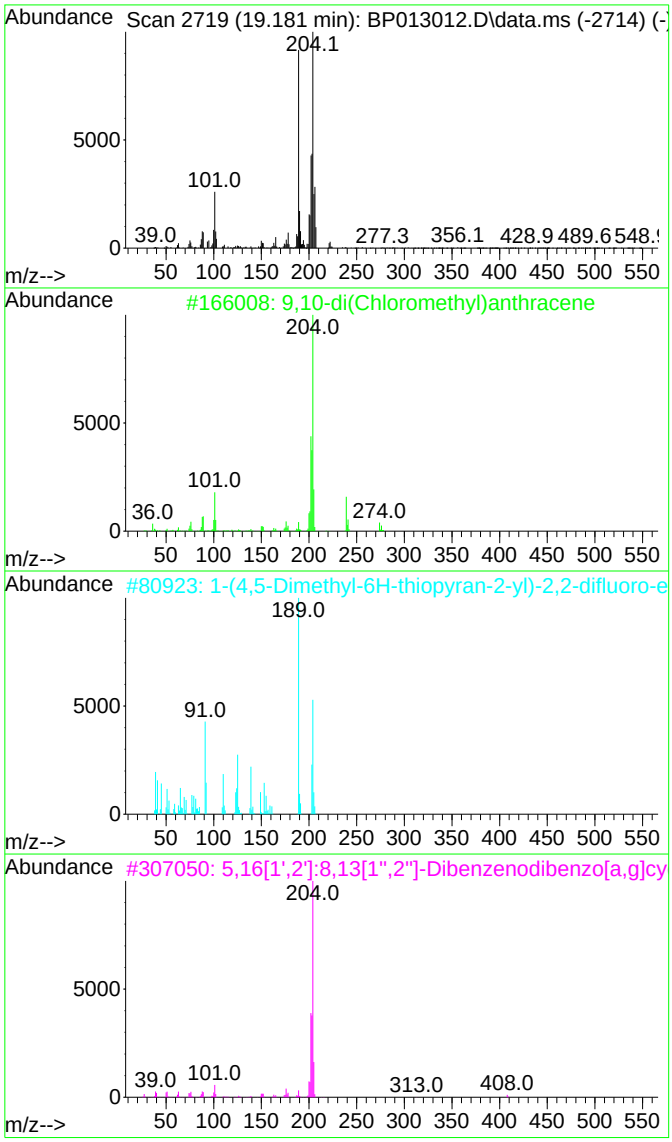
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

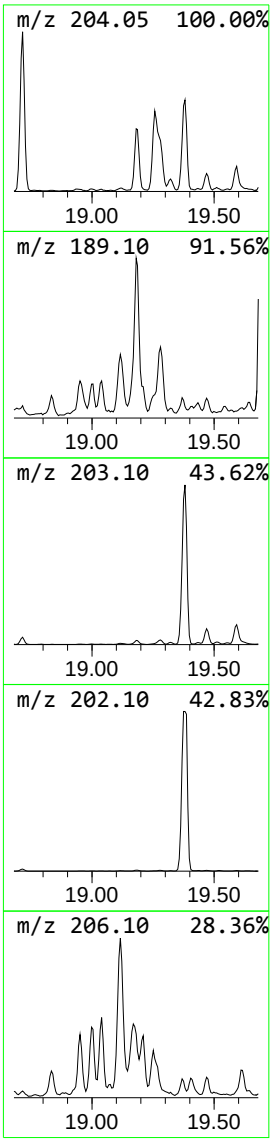
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-di(Chloromethyl)anthra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.181	2.73 ng/ul	1492910	Phenanthrene-d10	17.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52
2	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	52
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





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Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

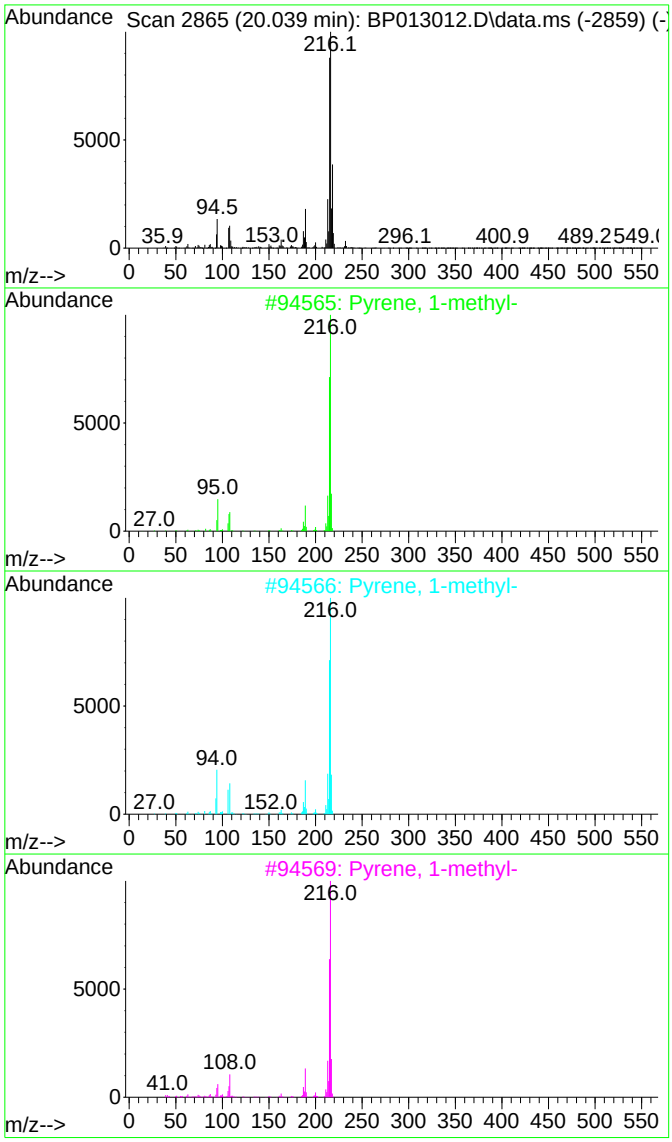
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

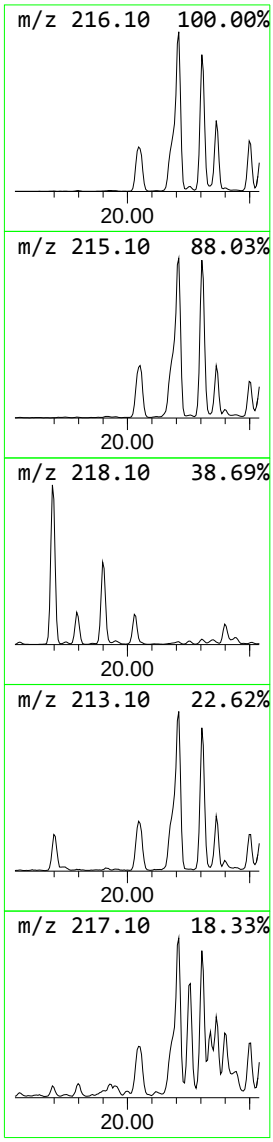
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.039	2.40 ng/ul	3029820	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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

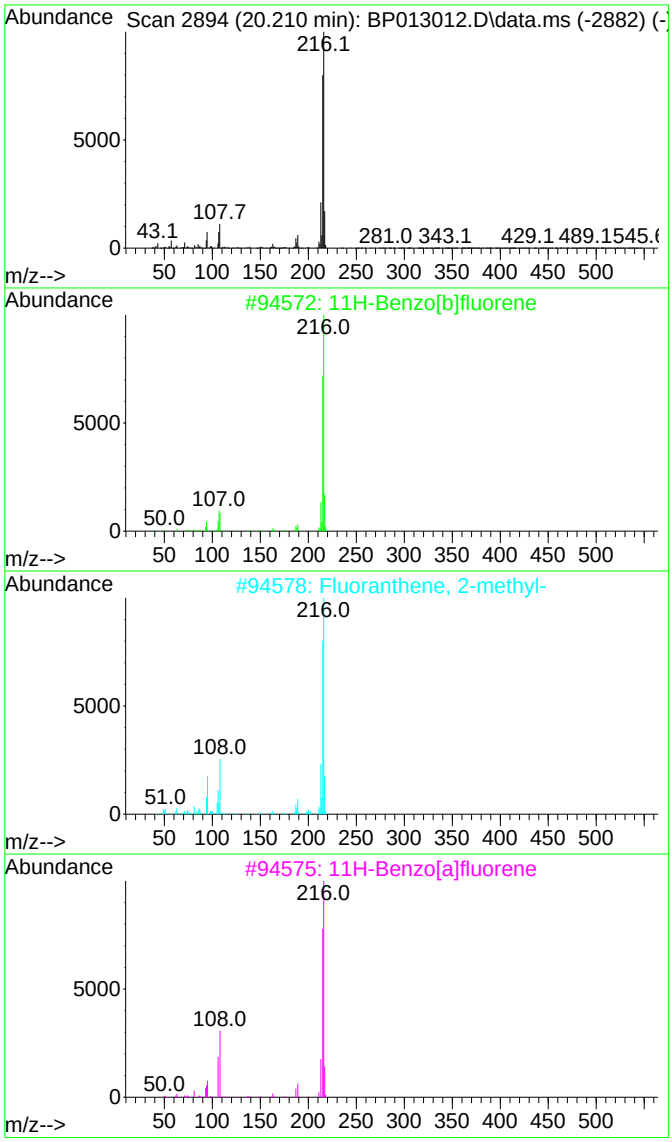
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

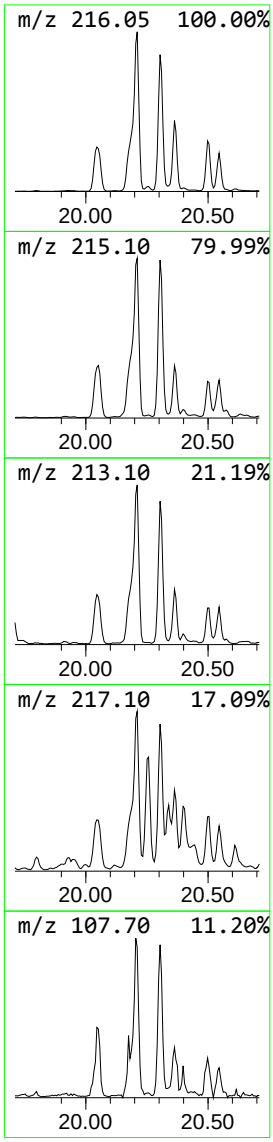
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.210	5.81 ng/ul	7329310	Chrysene-d12	21.457

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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

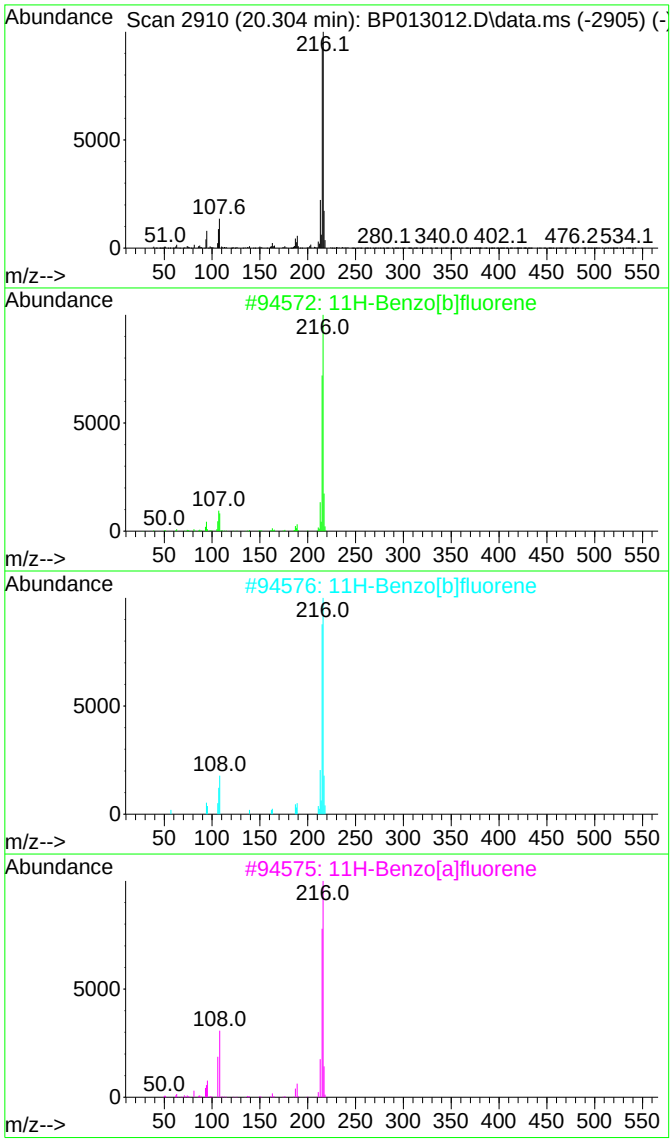
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

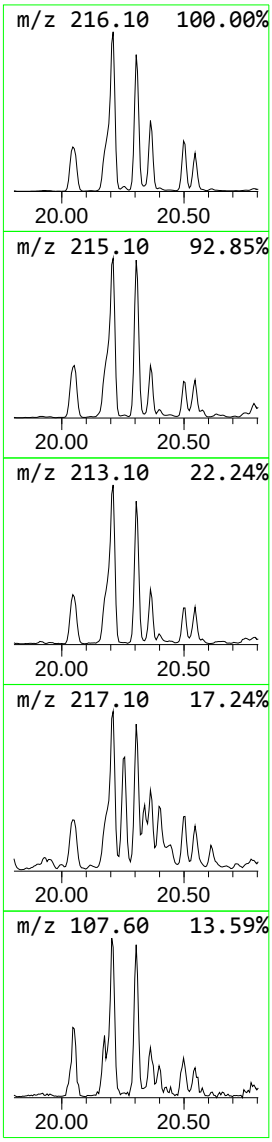
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.304	3.40 ng/ul	4292690	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

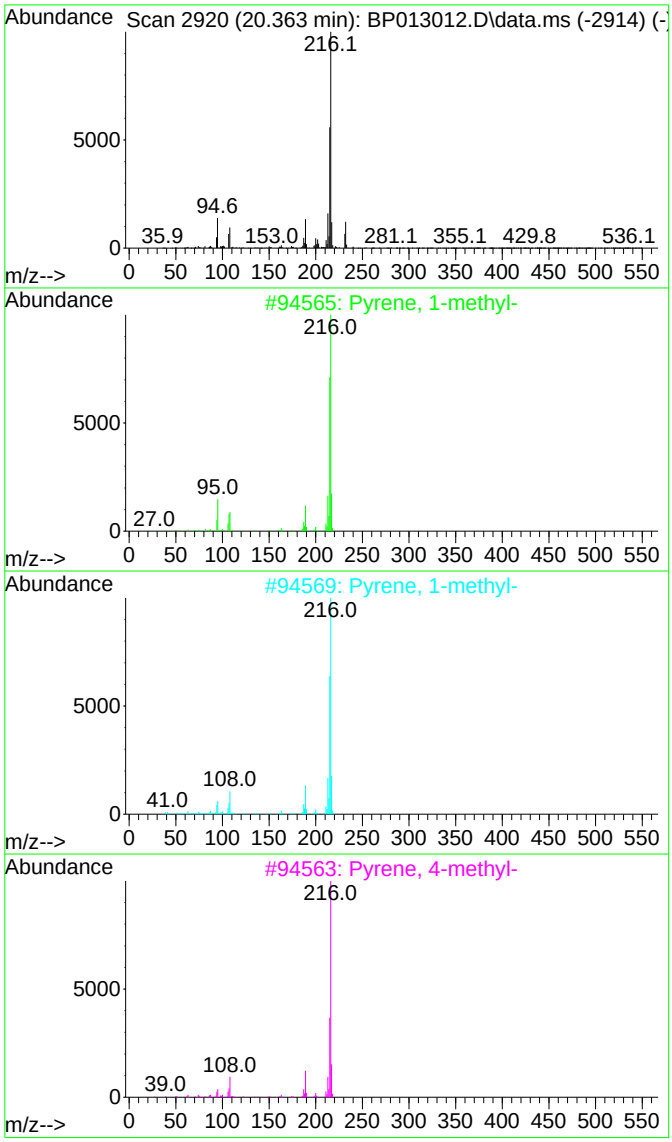
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

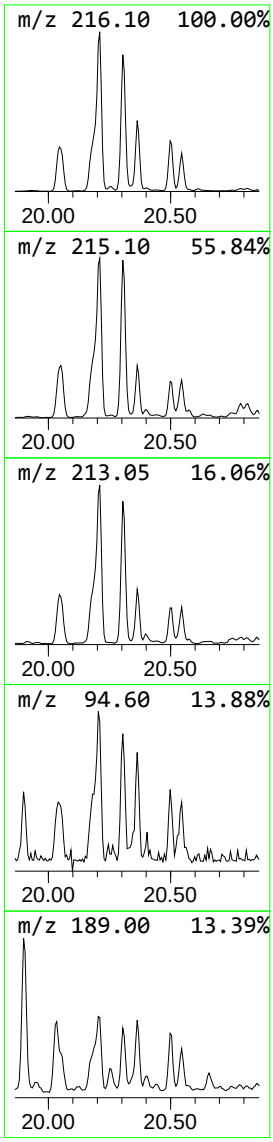
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.363	2.31 ng/ul	2915190	Chrysene-d12	21.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

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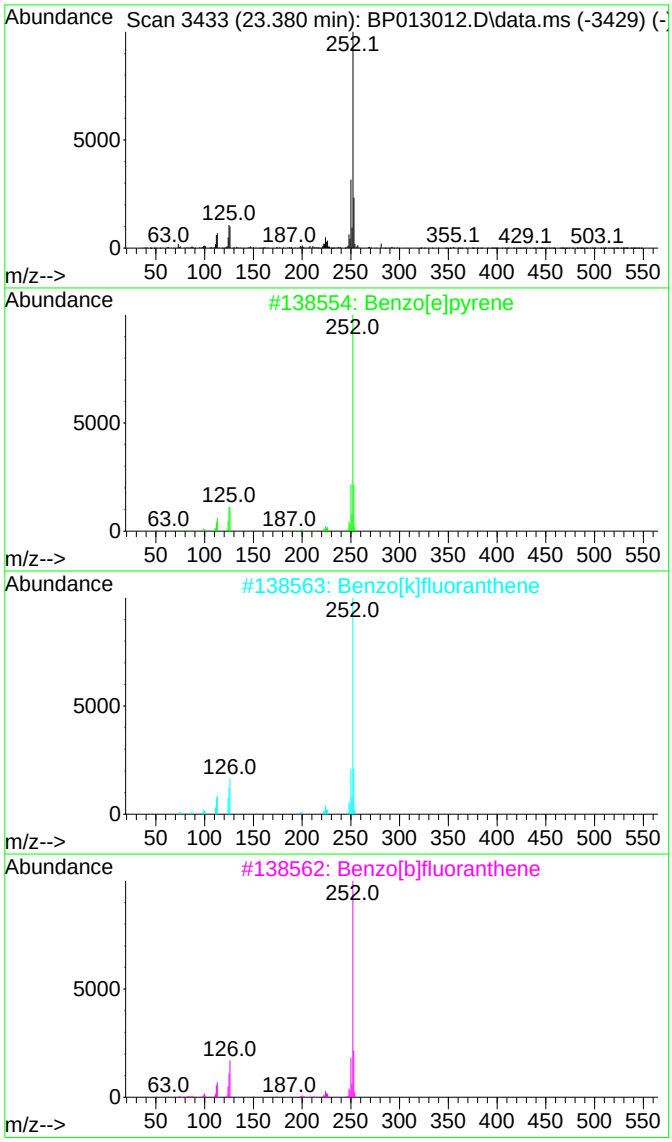
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

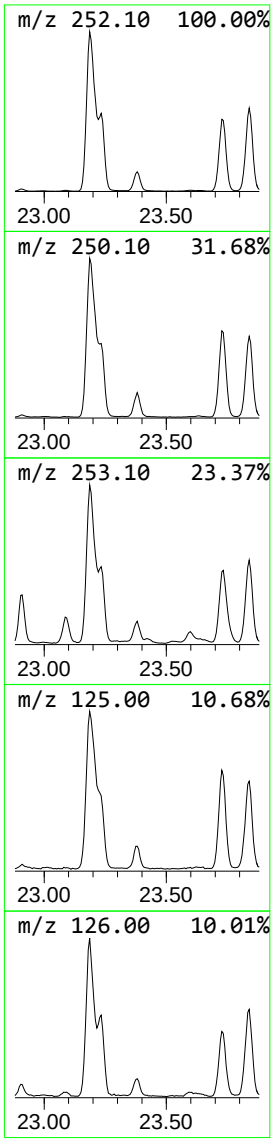
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.380	2.12 ng/ul	1085000	Perylene-d12	23.951

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	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DBXP0DL

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

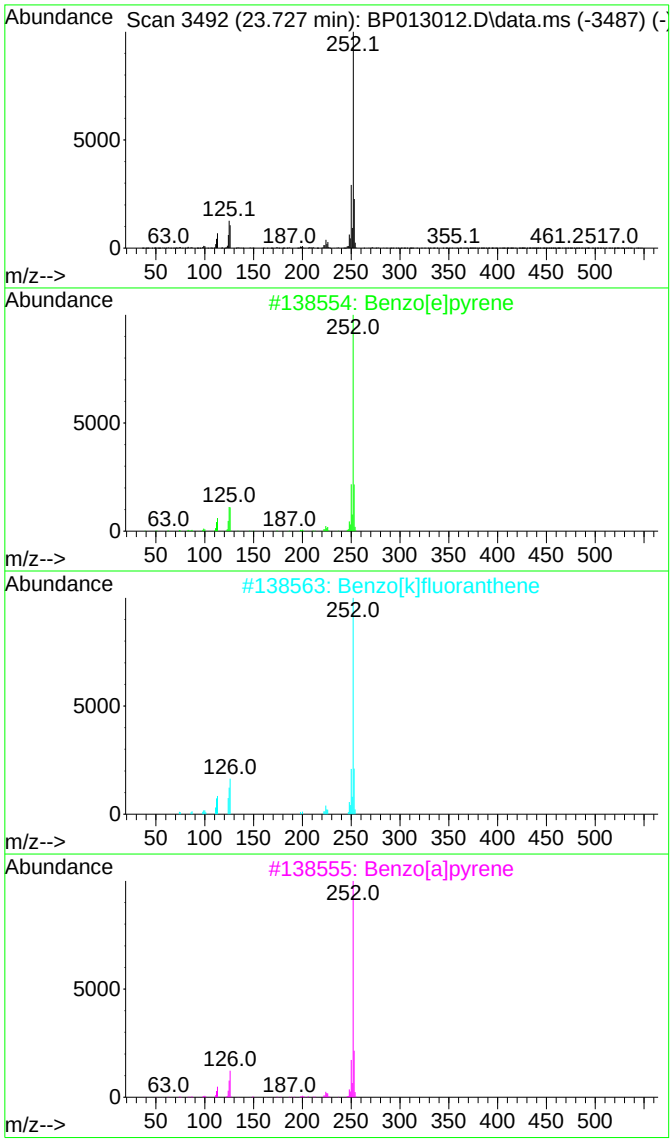
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

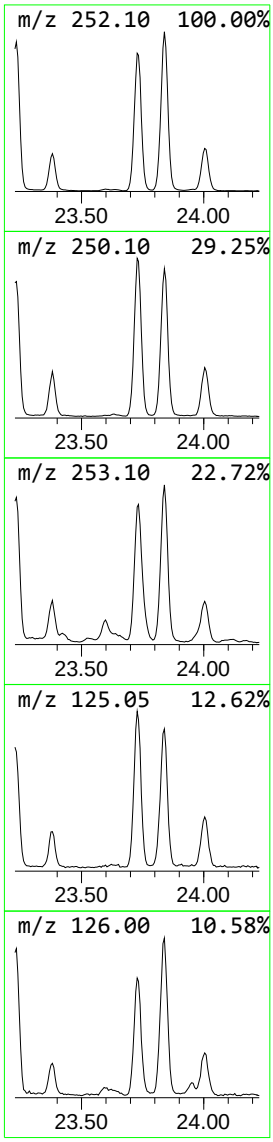
****

Peak Number 17 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.727	8.78 ng/ul	4484580	Perylene-d12	23.951

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	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Perylene	252	C20H12	000198-55-0	97
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

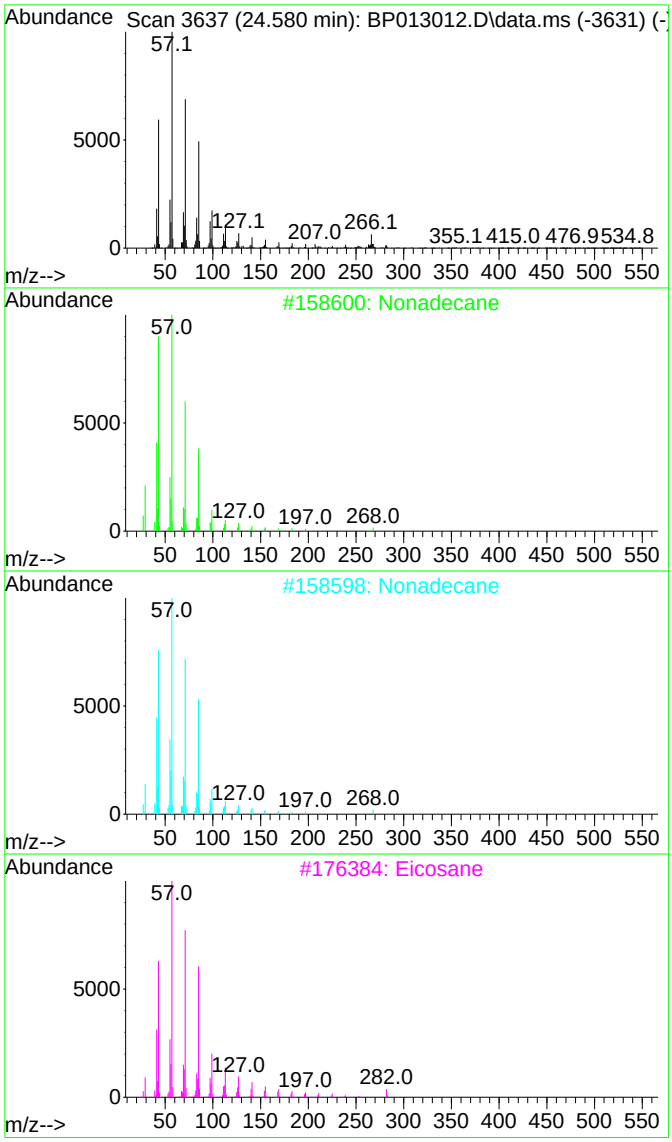
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

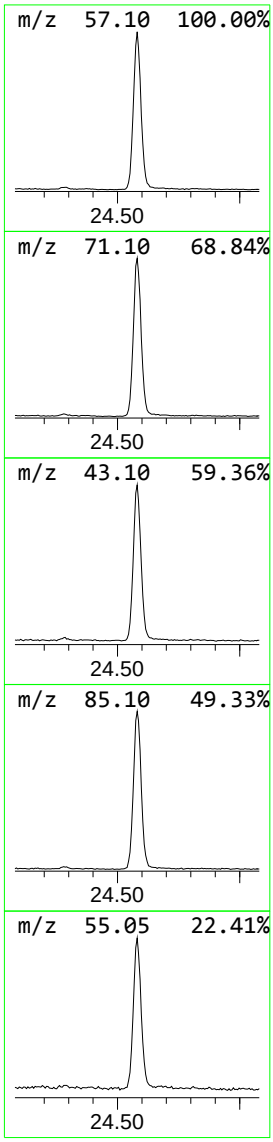
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.580	7.06 ng/ul	3604770	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Nonadecane	268	C19H40	000629-92-5	93
3	Eicosane	282	C20H42	000112-95-8	93
4	2-Methylpentacosane	366	C26H54	000629-87-8	93
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

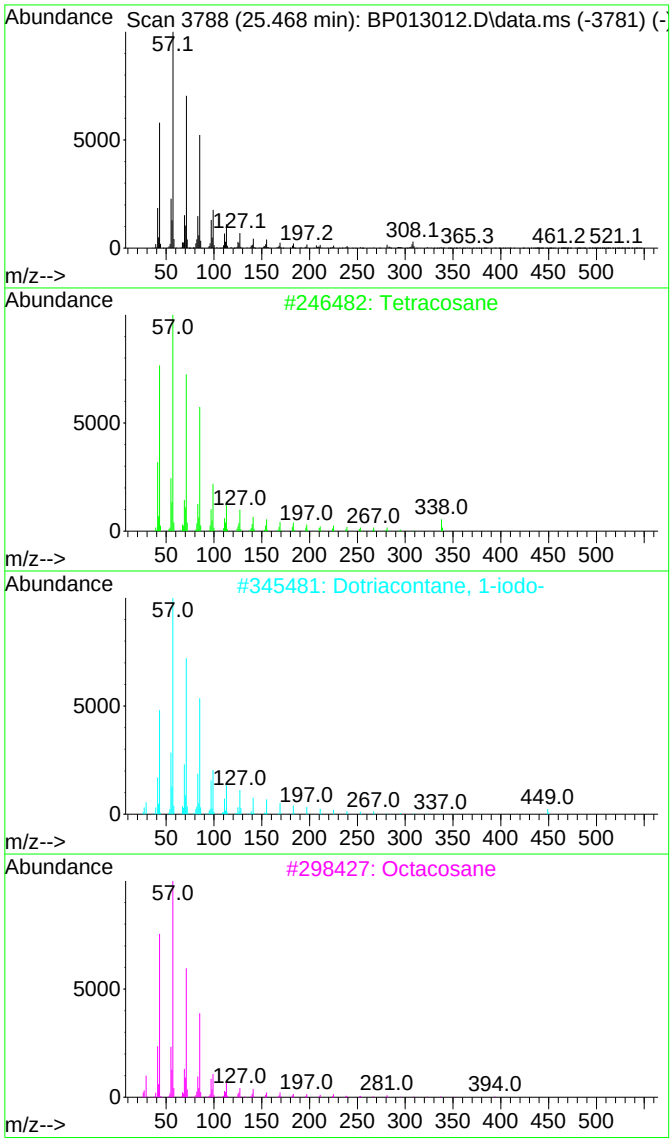
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION

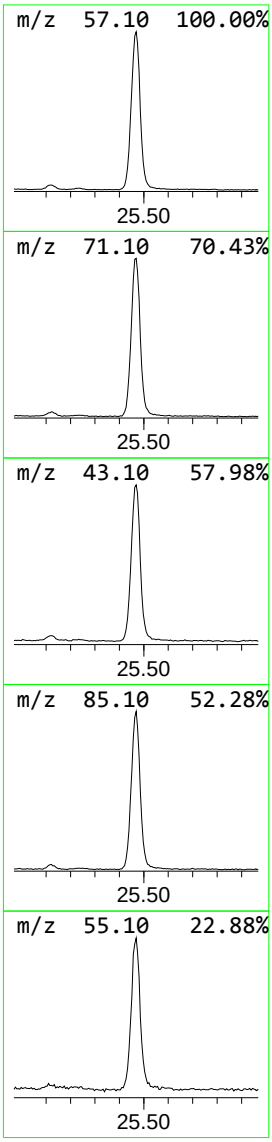
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.468	7.09 ng/ul	3619880	Perylene-d12	23.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013012.D
Acq On : 09 Dec 2022 10:29
Operator : CG/JU
Sample : N5726-08DL 20X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBXP0DL

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
Dibenzo furan	15.010	3.9	ng/ul	1740940	3	14.616	8873430	20.0
(DEL) Alkane: S...	17.116	2.6	ng/ul	1404470	4	17.375	10956700	20.0
Dibenzothiophene	17.186	3.0	ng/ul	1645020	4	17.375	10956700	20.0
Acridine	17.563	2.3	ng/ul	1248440	4	17.375	10956700	20.0
5H-Indeno[1,2-b...	17.775	14.2	ng/ul	7783480	4	17.375	10956700	20.0
Phenanthrene, 2...	18.234	2.1	ng/ul	1175470	4	17.375	10956700	20.0
Phenanthrene, 1...	18.281	3.2	ng/ul	1770540	4	17.375	10956700	20.0
Anthracene, 2-m...	18.357	4.0	ng/ul	2195380	4	17.375	10956700	20.0
4H-Cyclopenta[d...	18.428	15.2	ng/ul	8348800	4	17.375	10956700	20.0
Phenanthrene, 2...	19.128	2.5	ng/ul	1370180	4	17.375	10956700	20.0
9,10-di(Chlorom...	19.181	2.7	ng/ul	1492910	4	17.375	10956700	20.0
Pyrene, 1-methyl-	20.039	2.4	ng/ul	3029820	5	21.457	25240200	20.0
11H-Benzo[b]flu...	20.210	5.8	ng/ul	7329310	5	21.457	25240200	20.0
11H-Benzo[a]flu...	20.304	3.4	ng/ul	4292690	5	21.457	25240200	20.0
Pyrene, 4-methyl-	20.363	2.3	ng/ul	2915190	5	21.457	25240200	20.0
Benzo[e]pyrene	23.380	2.1	ng/ul	1085000	6	23.951	10216900	20.0
Perylene	23.727	8.8	ng/ul	4484580	6	23.951	10216900	20.0
(DEL) Alkane: S...	24.580	7.1	ng/ul	3604770	6	23.951	10216900	20.0
(DEL) Alkane: S...	25.468	7.1	ng/ul	3619880	6	23.951	10216900	20.0