LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022294.D
Acq On : 09 Oct 2024 17:43
Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4EJ5

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022294.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.740	124	128	137	rVB	36362	49651	0.78%	0.071%
2	6.893	653	664	677	rVB	265658	489462	7.67%	0.697%
3	7.046	684	690	701	rBV	198328	325139	5.10%	0.463%
4	7.246	718	724	735	rBV	266418	445554	6.99%	0.634%
5	7.705	792	802	810	rBV	632839	1011913	15.87%	1.440%
6	8.404	915	921	929	rBV	263024	448561	7.03%	0.639%
7	8.516	935	940	947	rVB	43692	72636	1.14%	0.103%
8	8.846	989	996	1004	rVV	261709	436668	6.85%	0.622%
9	9.399	1079	1090	1097	rBV3	19193	37540	0.59%	0.053%
10	9.557	1107	1117	1127	rBV	238136	396198	6.21%	0.564%
11	10.093	1202	1208	1218	rBV	340312	607076	9.52%	0.864%
12	10.463	1261	1271	1277	rBV	802680	1389650	21.79%	1.978%
13	10.510	1277	1279	1286	rVV2	102268	148846	2.33%	0.212%
14	10.610	1290	1296	1307	rVB4	13837	42056	0.66%	0.060%
15	12.122	1546	1553	1560	rVB	42598	73877	1.16%	0.105%
16	12.340	1584	1590	1599	rVB2	34927	61311	0.96%	0.087%
17	13.281	1745	1750	1756	rVV	36696	64701	1.01%	0.092%
18	13.457	1772	1780	1792	rBV3	37875	143842	2.26%	0.205%
19	13.634	1805	1810	1814	rBV2	38987	61665	0.97%	0.088%
20	13.716	1819	1824	1830	rVV	650706	880494	13.81%	1.253%
21	14.004	1863	1873	1885	rBV2	696058	1216756	19.08%	1.732%
22	14.316	1915	1926	1932	rBV	1257798	1883601	29.53%	2.681%
23	14.381	1932	1937	1943	rVV	168730	256190	4.02%	0.365%
24	14.439	1943	1947	1956	rVB4	29740	51826	0.81%	0.074%
25	14.545	1956	1965	1975	rBV2	201167	474937	7.45%	0.676%
26	14.639	1977	1981	1984	rVV3	32120	54991	0.86%	0.078%
27	14.681	1984	1988	1990	rVV3	25314	38949	0.61%	0.055%
28	14.716	1990	1994	2002	rVV	89472	166664	2.61%	0.237%
29	14.792	2002	2007	2012	rVB4	34311	59811	0.94%	0.085%
30	14.951	2026	2034	2037	rBV3	22278	42317	0.66%	0.060%
31	14.998	2038	2042	2047	rVB2	25357	35106	0.55%	0.050%
32	15.328	2092	2098	2103	rBV	943615	1308083	20.51%	1.862%
33	15.381	2103	2107	2114	rVB	169262	228238	3.58%	0.325%
34	15.451	2114	2119	2126	rBV	146067	228923	3.59%	0.326%
35	15.598	2140	2144	2148	rBV	52976	73549	1.15%	0.105%
36	15.698	2154	2161	2167	rVB2	237421	349385	5.48%	0.497%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	15.828	2179	2183	2192	rVB	44616	92036	1.44%	0.131%
38	15.922	2192	2199	2206	rBV9	27923	74849	1.17%	0.107%
39	16.069	2220	2224	2231	rVB3	55486	96220	1.51%	0.137%
40	16.163	2235	2240	2246	rVB	101189	139172	2.18%	0.198%
41	16.339	2266	2270	2273	rVV	61594	89343	1.40%	0.127%
42	16.386	2275	2278	2279	rVV2	39289	47387	0.74%	0.067%
43	16.404	2279	2281	2286	rVV2	49026	70757	1.11%	0.101%
44	16.451	2286	2289	2294	rVB4	41571	56914	0.89%	0.081%
45	16.516	2296	2300	2304	rBV6	23151	34103	0.53%	0.049%
46	16.645	2313	2322	2326	rBV6	44658	111858	1.75%	0.159%
47	16.692	2326	2330	2331	rVV4	48008	70210	1.10%	0.100%
48	16.716	2331	2334	2338	rVV	115084	165065	2.59%	0.235%
49	16.763	2338	2342	2348	rVB	114138	176087	2.76%	0.251%
50	16.886	2358	2363	2367	rVB2	127158	191713	3.01%	0.273%
51	16.933	2367	2371	2377	rVB	130239	200011	3.14%	0.285%
52	16.992	2377	2381	2383	rBV2	40586	50224	0.79%	0.071%
53	17.022	2383	2386	2393	rVB4	94187	150097	2.35%	0.214%
54	17.116	2393	2402	2405	rBV	1477165	2177690	34.15%	3.100%
55	17.157	2405	2409	2415	rVV	2148630	3184198	49.93%	4.533%
56	17.222	2415	2420	2423	rVV	939362	1329669	20.85%	1.893%
57	17.257	2423	2426	2431	rVB	391933	575029	9.02%	0.819%
58	17.316	2431	2436	2441	rBV2	82805	150635	2.36%	0.214%
59	17.528	2466	2472	2477	rVB	170555	259463	4.07%	0.369%
60	17.657	2489	2494	2498	rBV2	73634	143735	2.25%	0.205%
61	17.722	2500	2505	2513	rVB6	104115	236745	3.71%	0.337%
62	17.857	2526	2528	2536	rVB	55843	95492	1.50%	0.136%
63	17.933	2537	2541	2546	rBV2	65620	109261	1.71%	0.156%
64	18.022	2548	2556	2558	rBV	359745	683611	10.72%	0.973%
65	18.051	2558	2561	2564	rBV	634862	789185	12.37%	1.123%
66	18.157	2575	2579	2584	rVB	169721	246086	3.86%	0.350%
67	18.222	2584	2590	2594	rBV3	533681	1015485	15.92%	1.446%
68	18.257	2594	2596	2600	rVB	228946	240033	3.76%	0.342%
69	18.339	2606	2610	2612	rBV2	122068	171219	2.68%	0.244%
70	18.533	2639	2643	2647	rBV	288104	377086	5.91%	0.537%
71	18.580	2647	2651	2656	rVB	421235	581022	9.11%	0.827%
72	18.804	2686	2689	2692	rVB	115122	116632	1.83%	0.166%
73	18.845	2694	2696	2699	rVV	68885	71374	1.12%	0.102%
74	18.975	2714	2718	2722	rVB2	181141	292109	4.58%	0.416%
75	19.022	2723	2726	2732	rBV5	102205	224456	3.52%	0.320%
76	19.122	2740	2743	2751	rBV	239597	428891	6.73%	0.611%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

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

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Title : SVOA CALIBRATION

77	19.245	2759	2764	2772	rBV	4628116	6377546	100.00%	9.079%
78	19.380	2784	2787	2790	rBV	218695	300507	4.71%	0.428%
79	19.598	2819	2824	2826	rBV2	1685950	2614287	40.99%	3.722%
80	19.622	2826	2828	2836	rVB	3279025	3951408	61.96%	5.625%
81	19.816	2858	2861	2866	rVB	198390	236857	3.71%	0.337%
82	19.869	2868	2870	2874	rVV3	111072	146619	2.30%	0.209%
83	19.963	2882	2886	2887	rBV	255000	329315	5.16%	0.469%
84	20.145	2914	2917	2921	rVB	598905	767214	12.03%	1.092%
85	20.251	2931	2935	2939	rBV	426082	503856	7.90%	0.717%
86	20.310	2941	2945	2949	rVV2	303514	497551	7.80%	0.708%
87	20.510	2976	2979	2983	rVB	263432	339303	5.32%	0.483%
88	20.933	3048	3051	3058	rVB	399359	543617	8.52%	0.774%
89	21.163	3087	3090	3094	rBV2	333905	550114	8.63%	0.783%
90	21.210	3095	3098	3105	rVV4	951889	1623219	25.45%	2.311%
91	21.274	3107	3109	3113	rVB	342896	408511	6.41%	0.582%
92	21.463	3137	3141	3147	rBV2	597470	852023	13.36%	1.213%
93	21.533	3147	3153	3160	rVV2	2074379	5816171	91.20%	8.279%
94	21.598	3160	3164	3176	rVB	1977966	3644627	57.15%	5.188%
95	22.374	3293	3296	3298	rBV	260940	341839	5.36%	0.487%
96	22.439	3301	3307	3316	rVB5	739411	1988943	31.19%	2.831%
97	23.810	3533	3540	3547	rBV	1799101	4762378	74.67%	6.779%
98	23.974	3564	3568	3574	rVB2	565040	1021632	16.02%	1.454%
99	24.033	3575	3578	3588	rVB2	558670	1393569	21.85%	1.984%
100	24.833	3709	3714	3726	rVB	825147	2265693	35.53%	3.225%

Sum of corrected areas: 70248117

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
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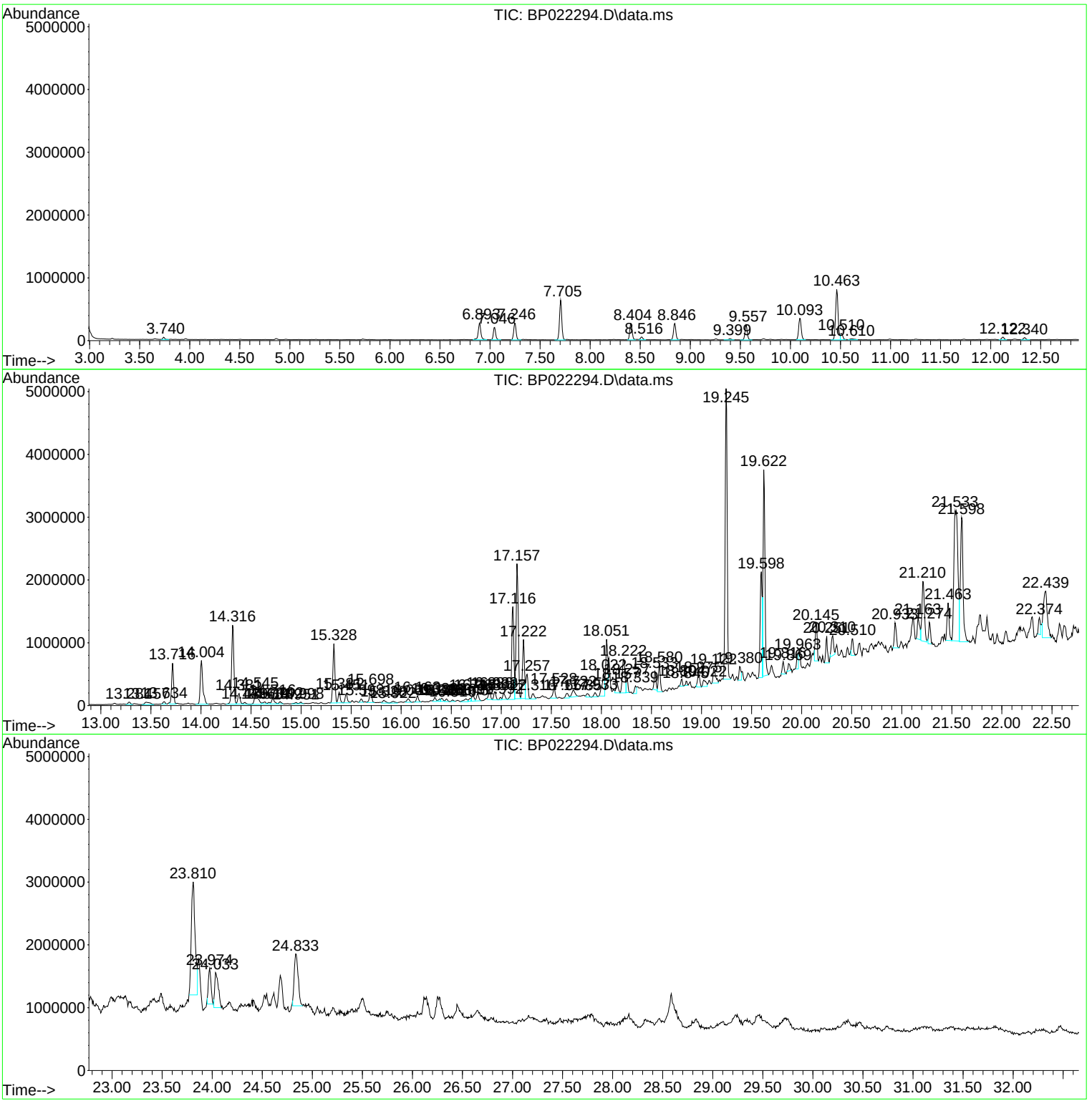
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022294.D
Acq On : 09 Oct 2024 17:43
Operator : RC/JU
Sample : P4162-20
Misc :
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

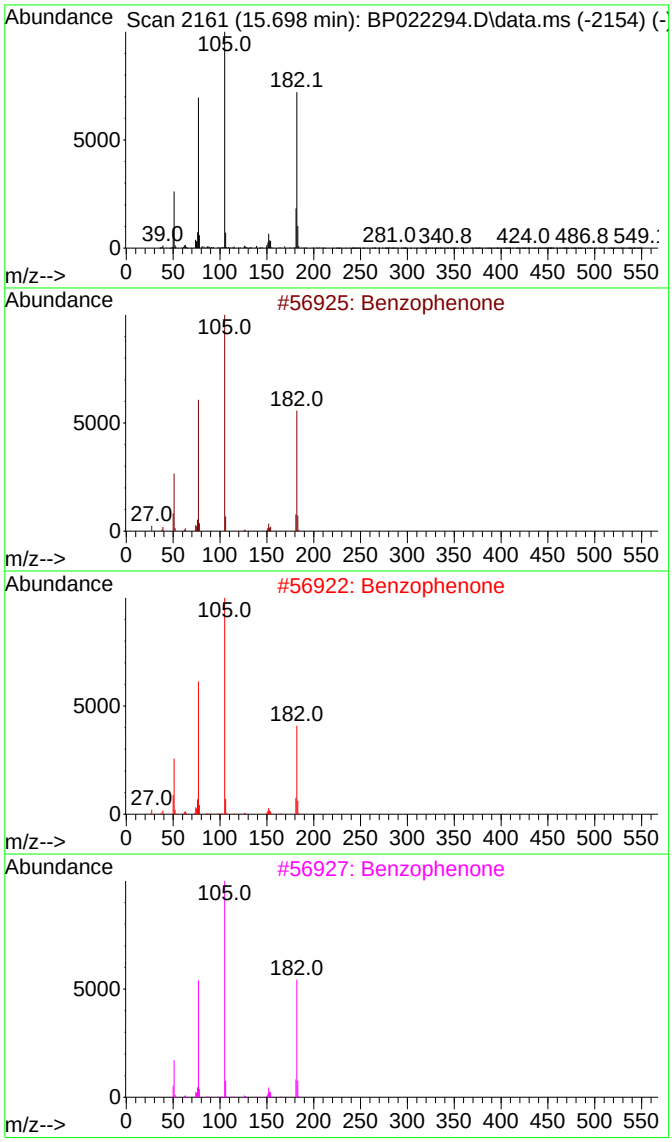
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

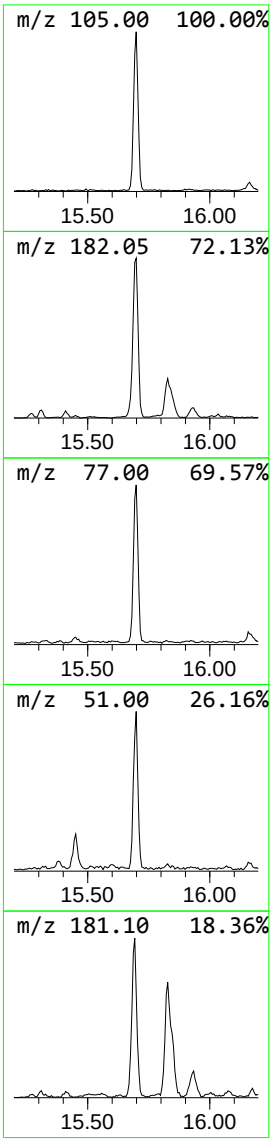
****

Peak Number 1 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.698	3.71 ng/ul	349385	Acenaphthene-d10	14.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	74
5	Cyclohexanone, 2-(.alpha.-anilin...	279	C19H21NO	000737-47-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022294.D
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Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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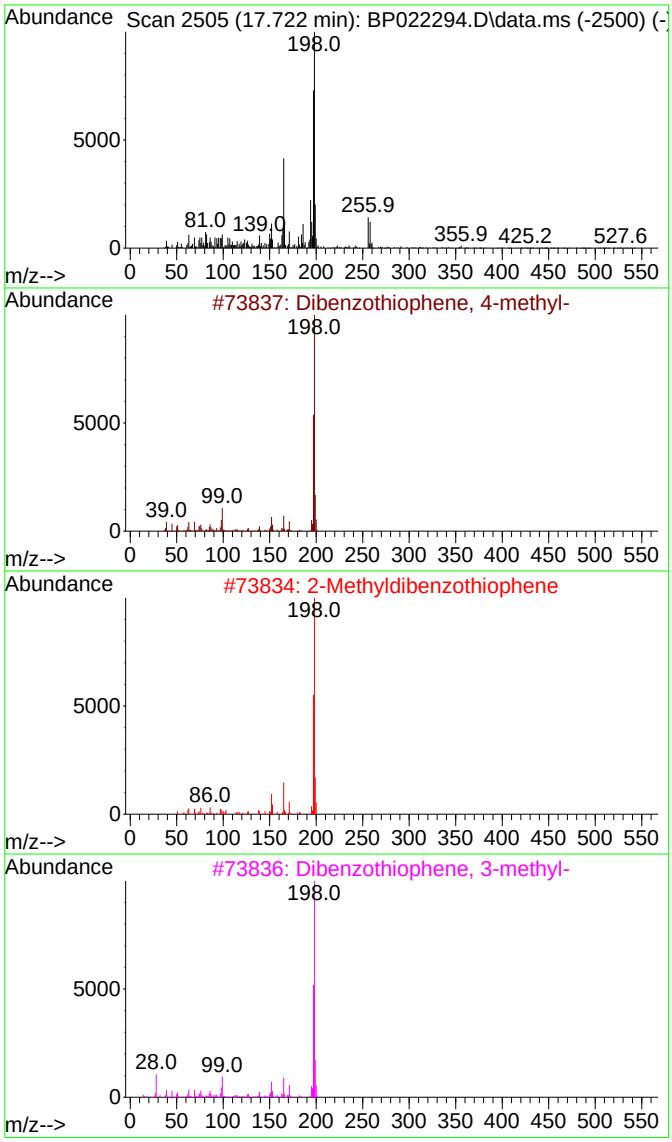
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

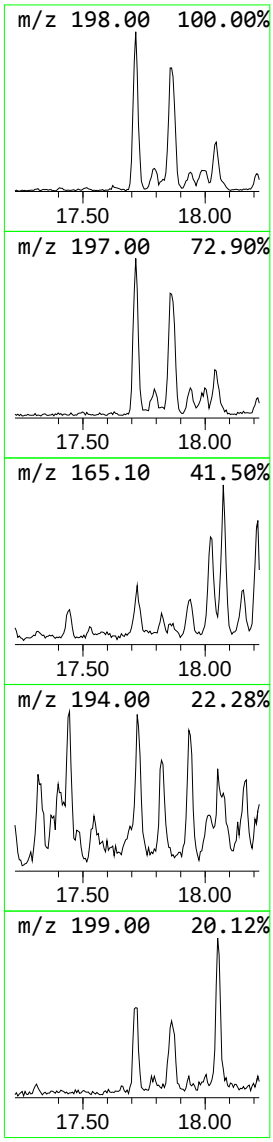
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.722	2.17 ng/ul	236745	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	64
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	62
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	49
5	Thioxanthene	198	C13H10S	000261-31-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
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Sample : P4162-20
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Instrument :
BNA_P
ClientSampleId :
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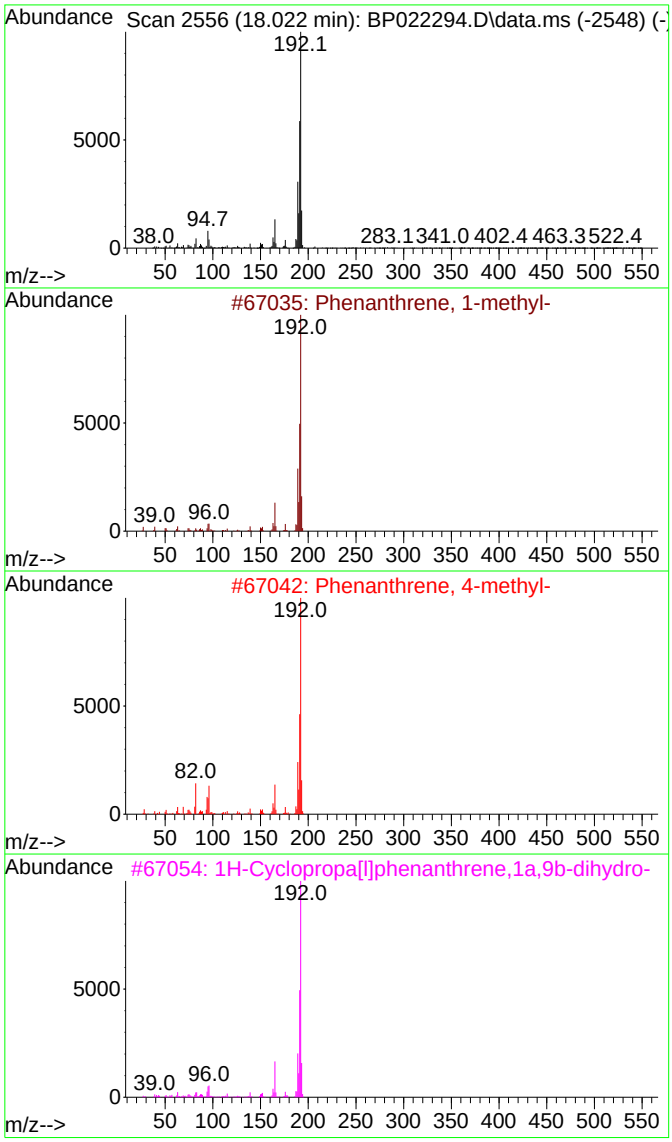
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

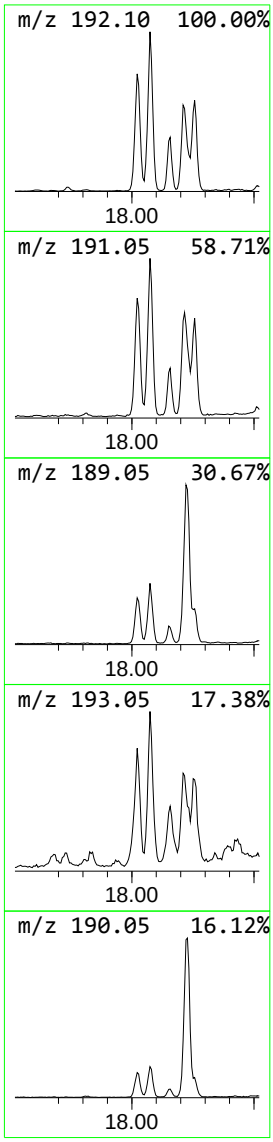
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	6.28 ng/ul	683611	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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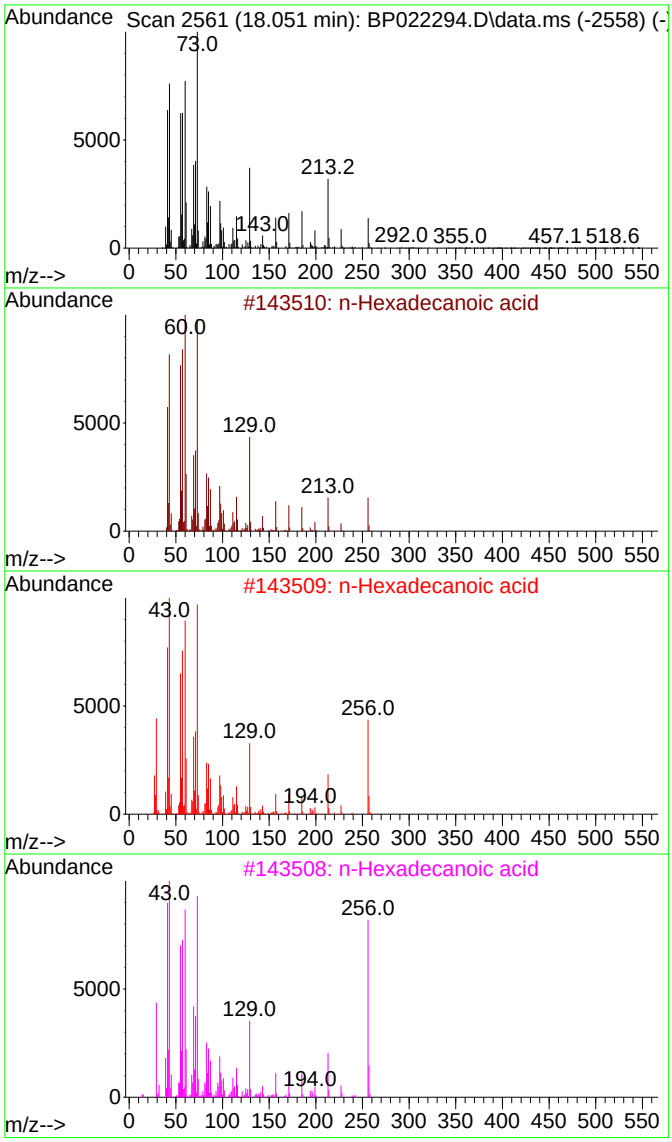
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

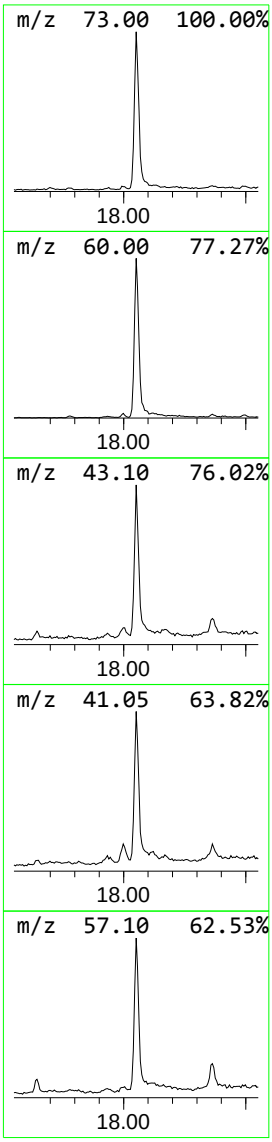
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	7.25 ng/ul	789185	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022294.D
Acq On : 09 Oct 2024 17:43
Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

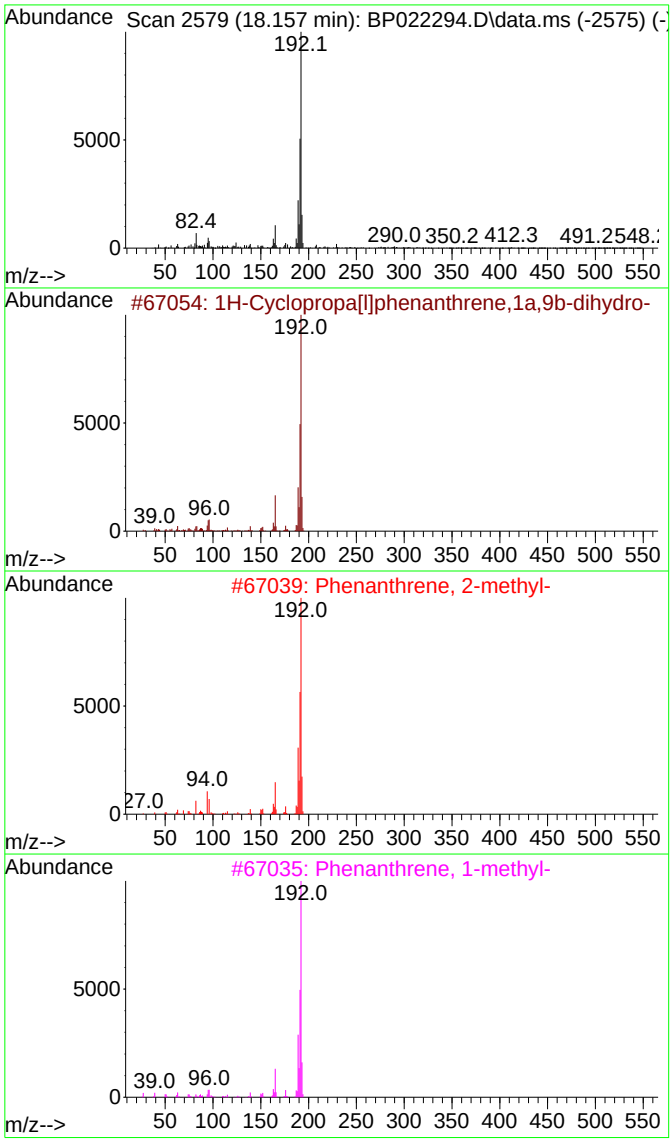
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

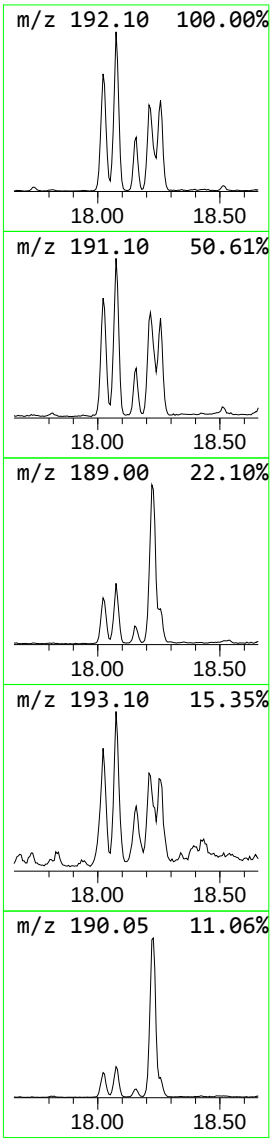
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	2.26 ng/ul	246086	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91





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Acq On : 09 Oct 2024 17:43
Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

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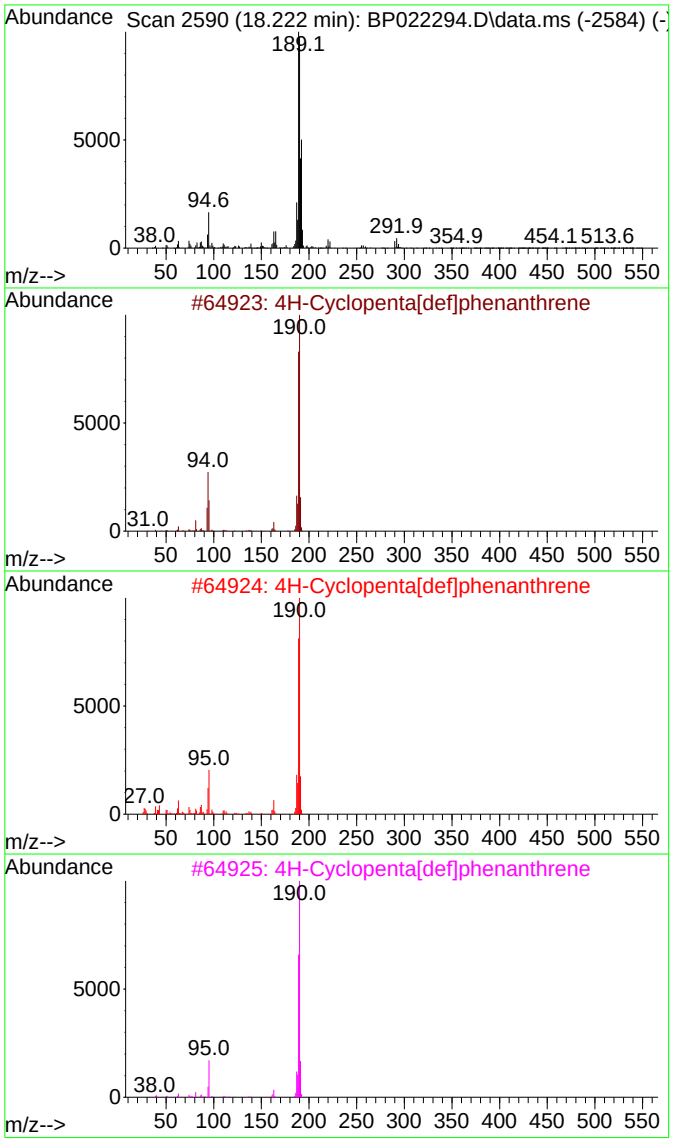
Quant Title : SVOA CALIBRATION

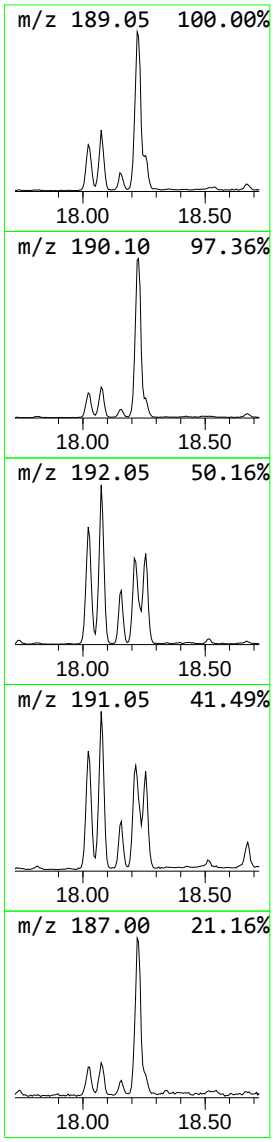
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	9.33 ng/ul	1015490	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	Methyl diselenide	190	C2H6Se2	007101-31-7	27
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	18





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

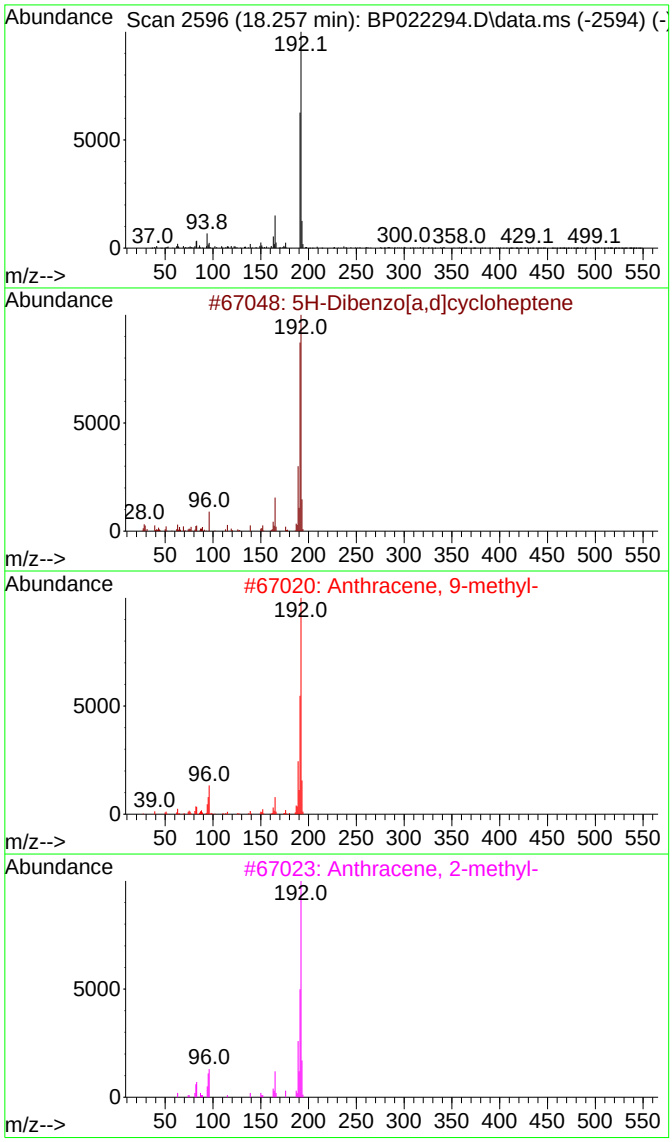
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

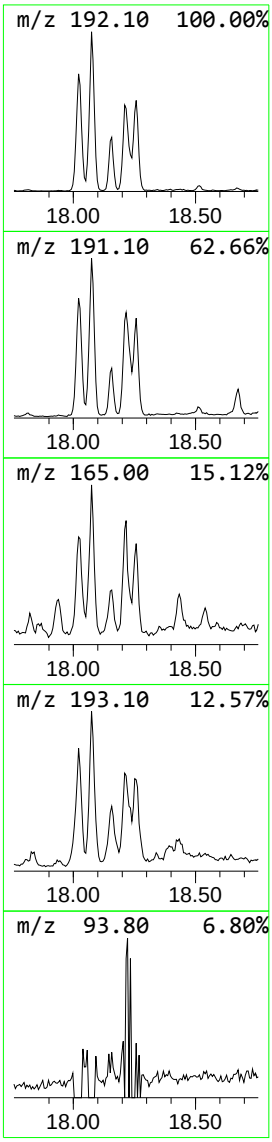
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 5H-Dibenzo[a,d]cycloheptene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	2.20 ng/ul	240033	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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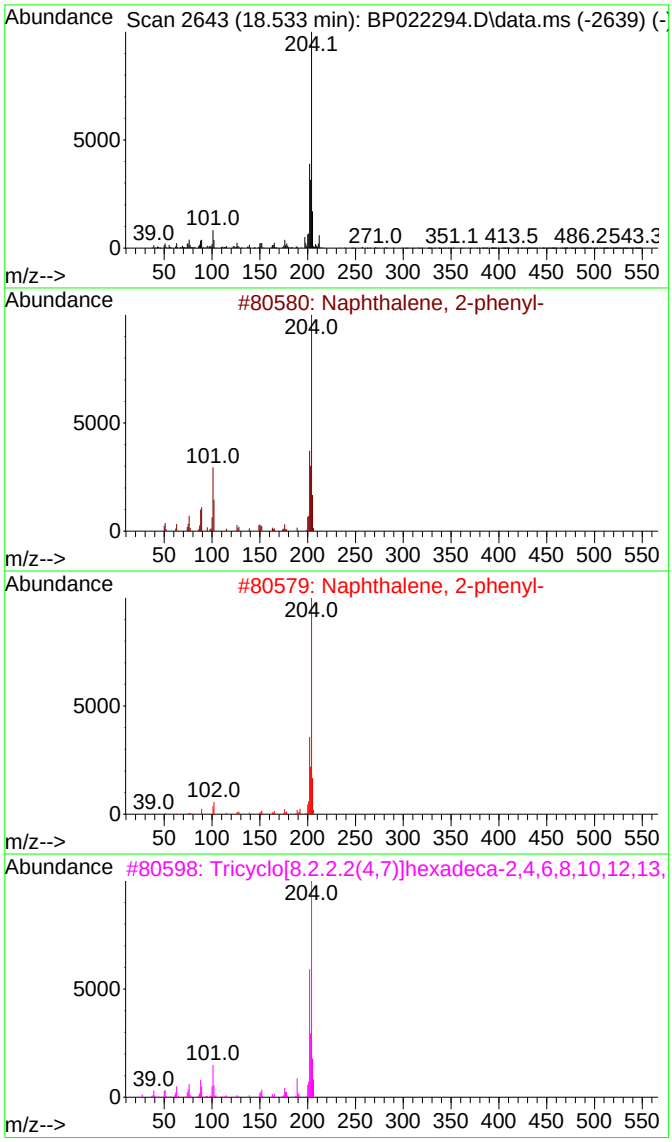
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

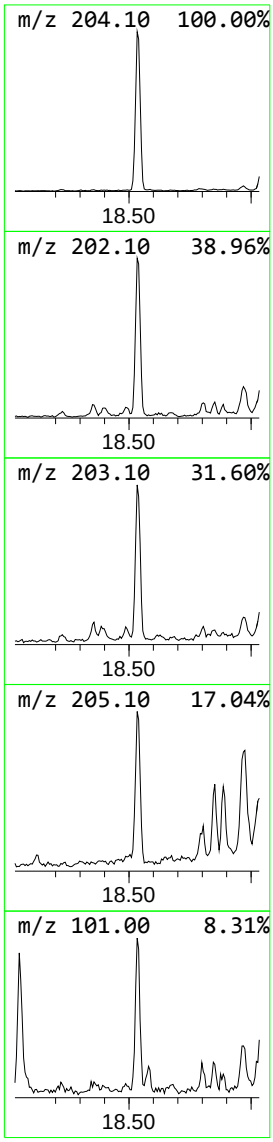
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	3.46 ng/ul	377086	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64





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Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

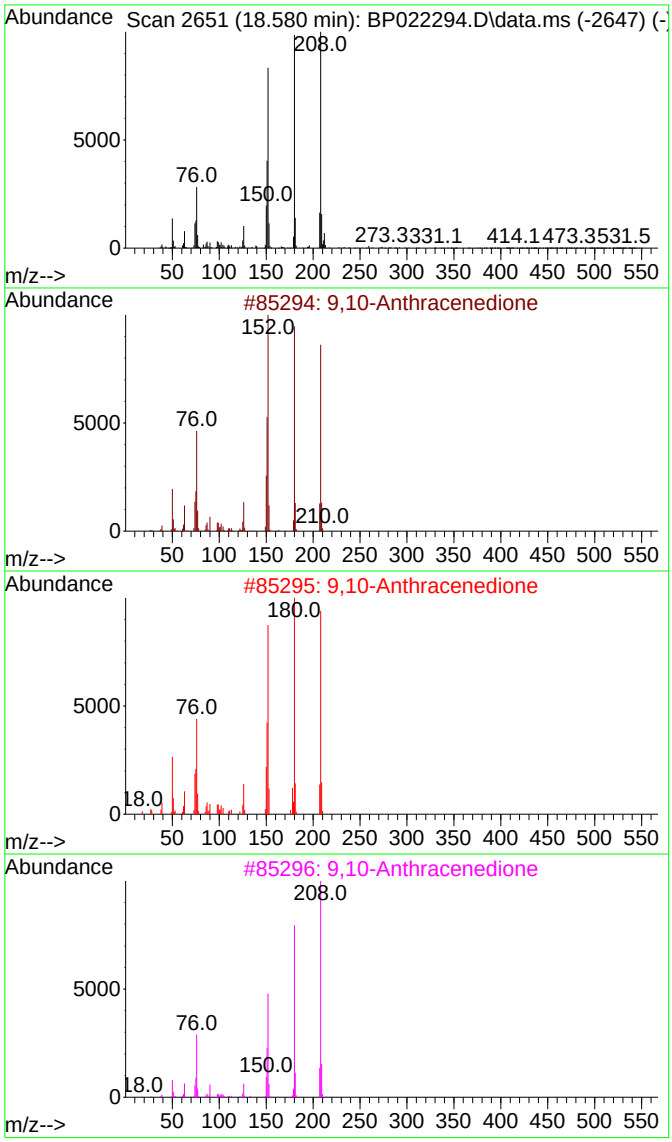
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

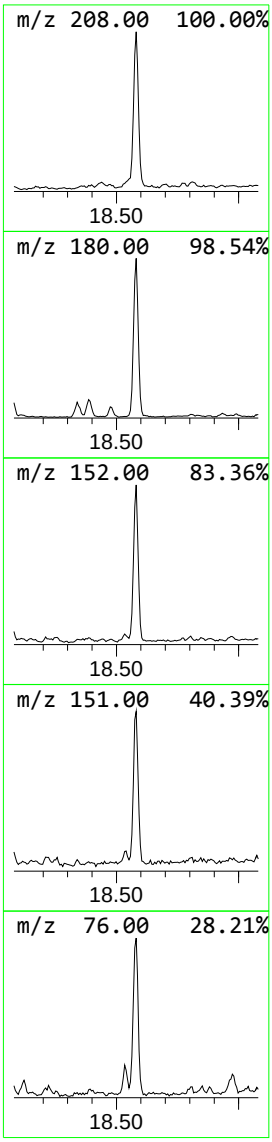
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	5.34 ng/ul	581022	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91





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ClientSampleId :
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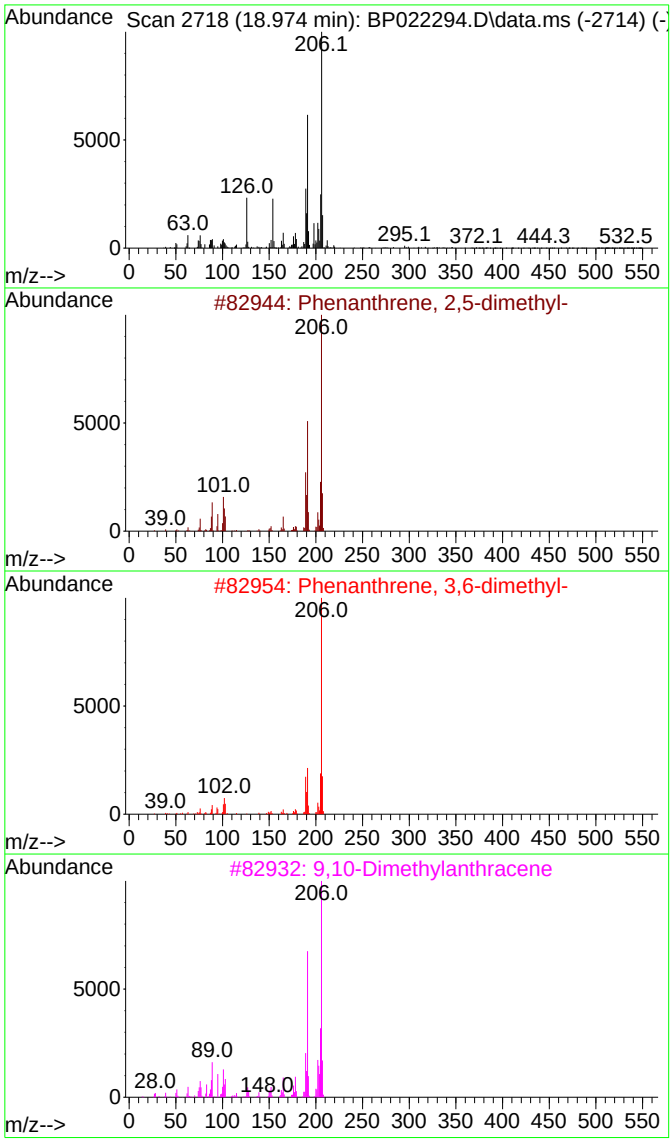
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

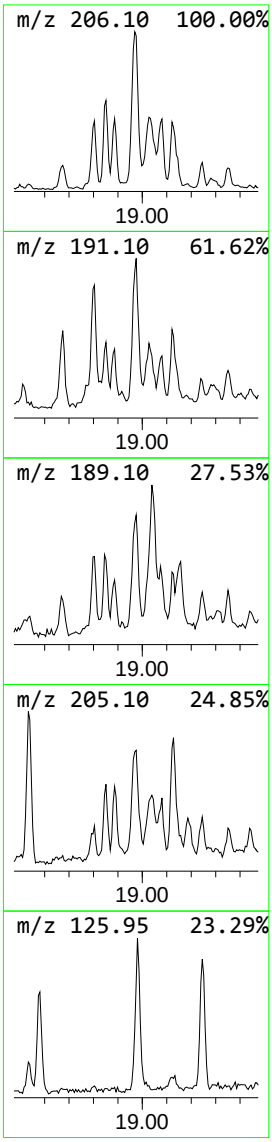
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	2.68 ng/ul	292109	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60





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Acq On : 09 Oct 2024 17:43
Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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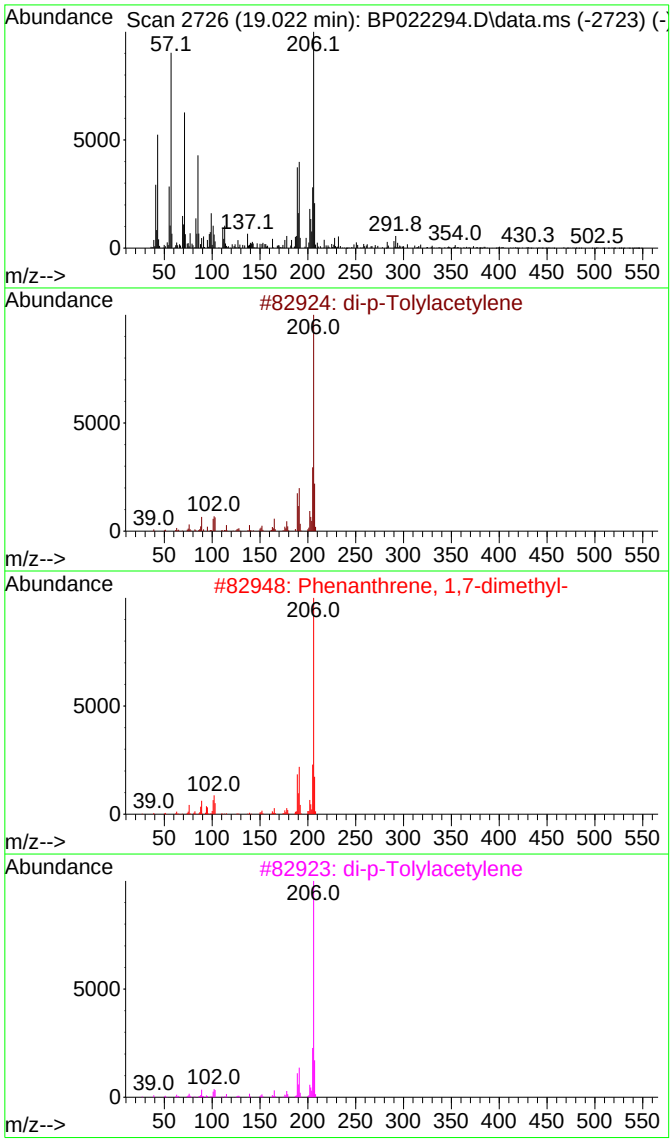
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

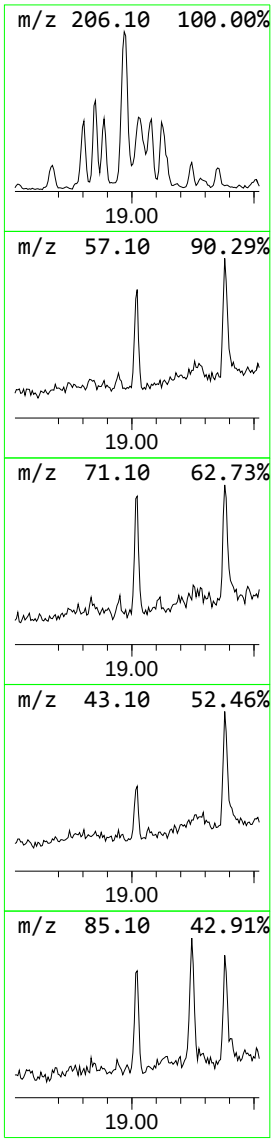
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	2.06 ng/ul	224456	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	83
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	58
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	58
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55





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Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

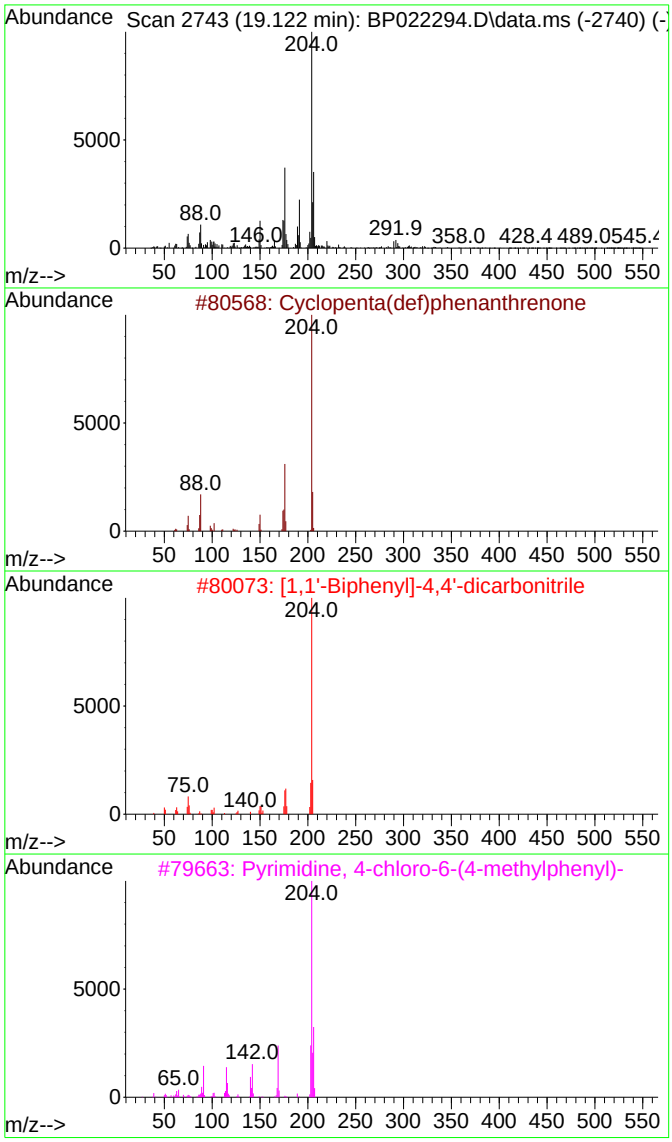
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

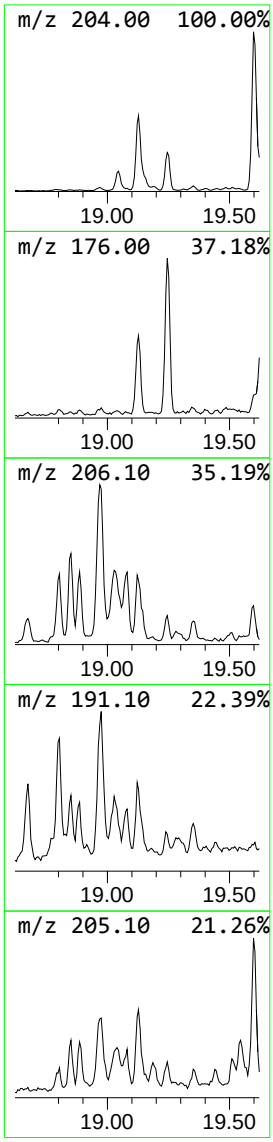
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	3.94 ng/ul	428891	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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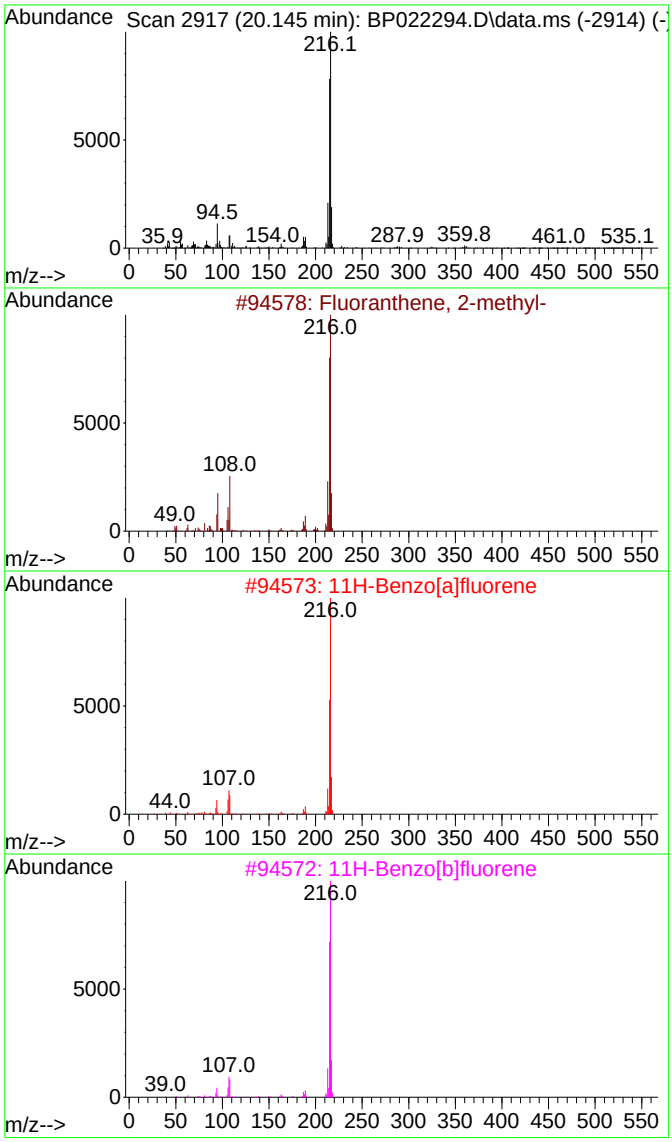
Quant Title : SVOA CALIBRATION

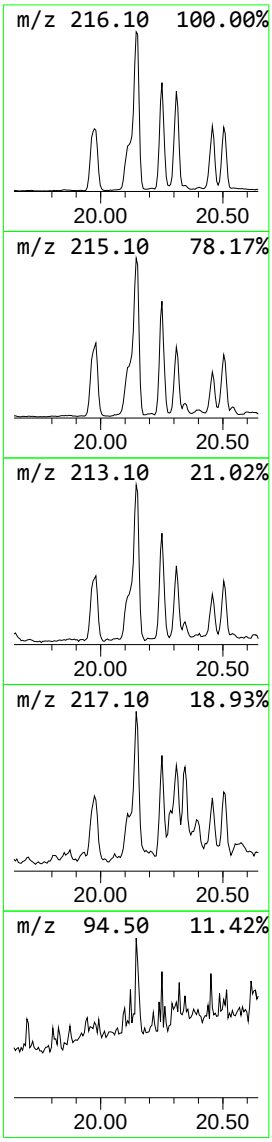
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.64 ng/ul	767214	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





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ClientSampleId :
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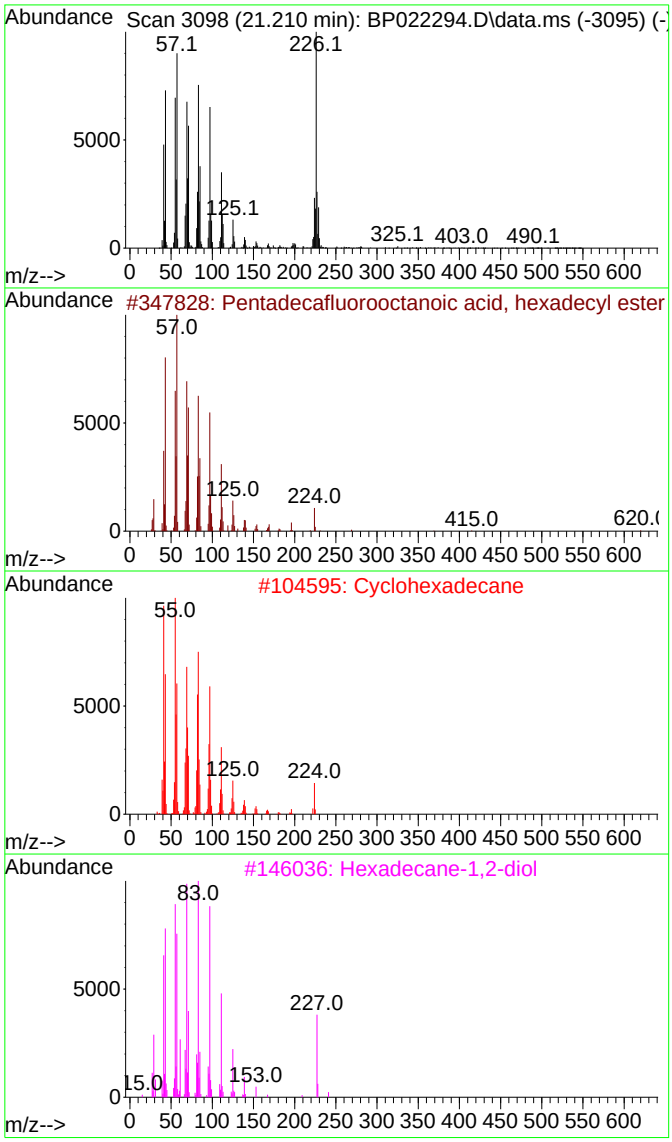
Quant Title : SVOA CALIBRATION

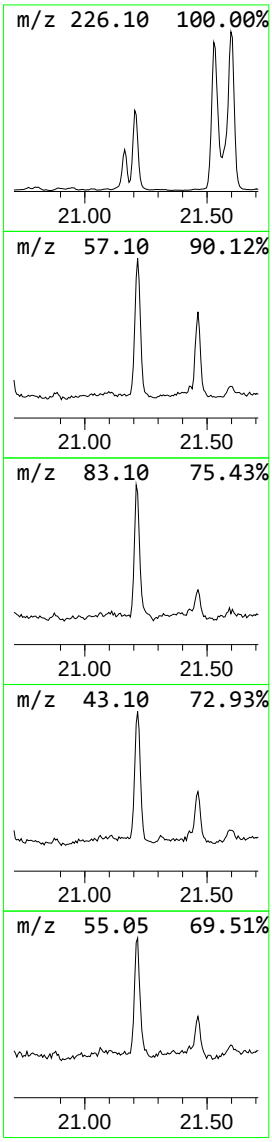
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecafluorooctanoic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	5.58 ng/ul	1623220	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	50
2	Cyclohexadecane	224	C16H32	000295-65-8	49
3	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	49
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	47
5	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	38





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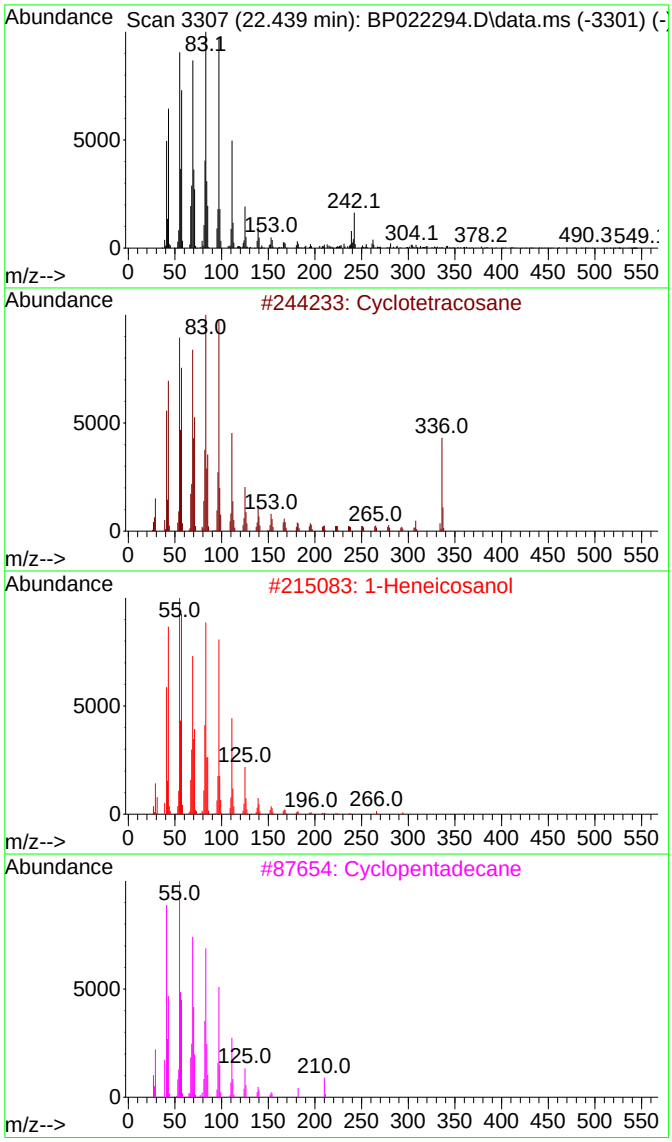
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

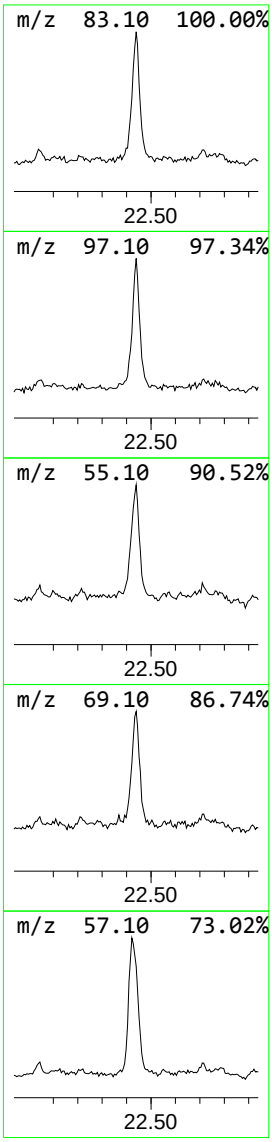
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic22.439 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.439	6.84 ng/ul	1988940	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	90
3	Cyclopentadecane	210	C15H30	000295-48-7	90
4	Nonacos-1-ene	406	C29H58	018835-35-3	87
5	1-Docosene	308	C22H44	001599-67-3	86





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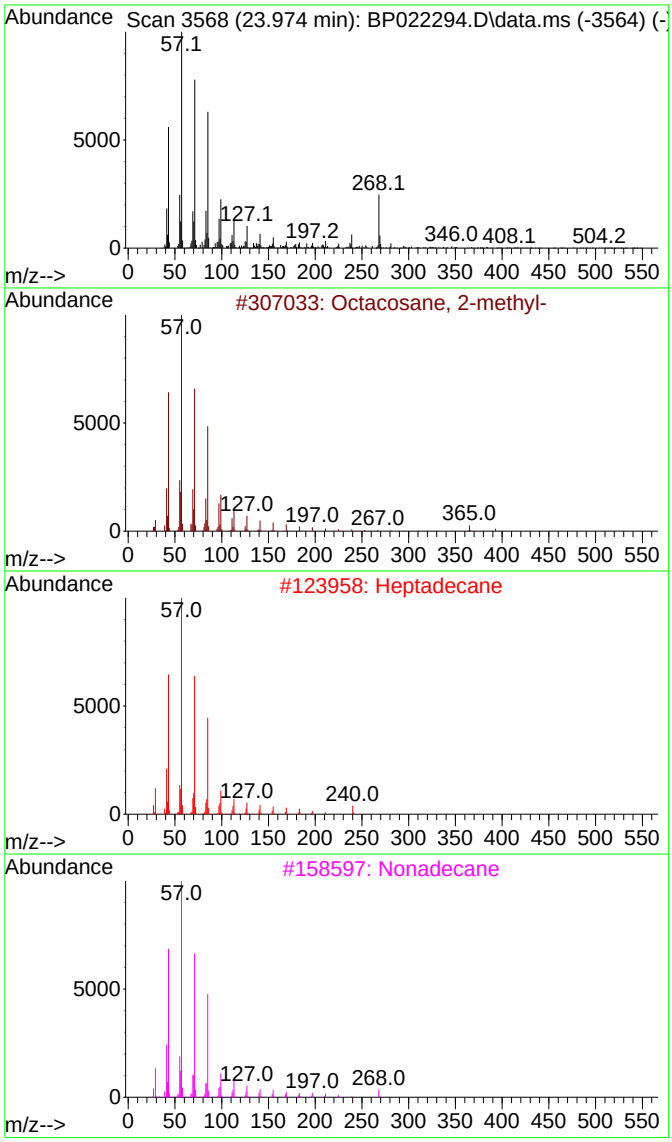
Quant Title : SVOA CALIBRATION

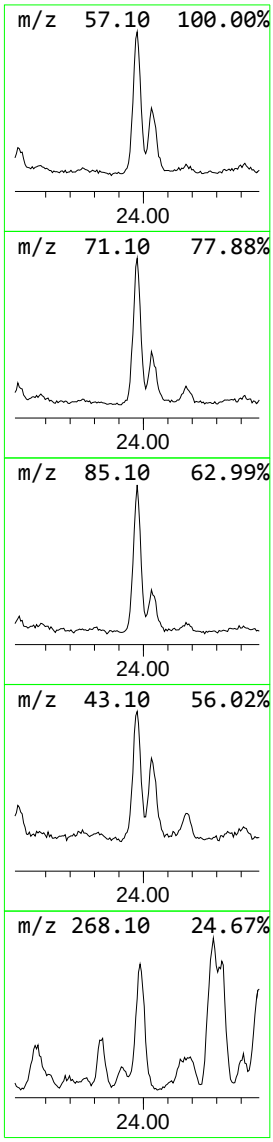
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.974	9.02 ng/ul	1021630	Perylene-d12	24.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
2	Heptadecane	240	C17H36	000629-78-7	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83





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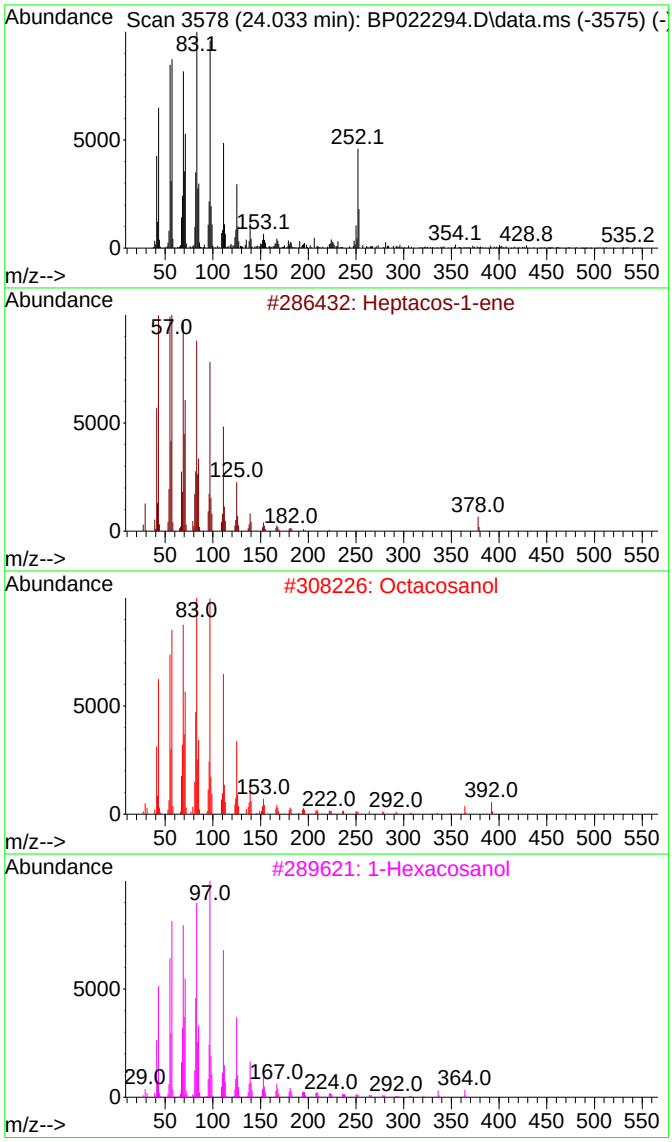
Quant Title : SVOA CALIBRATION

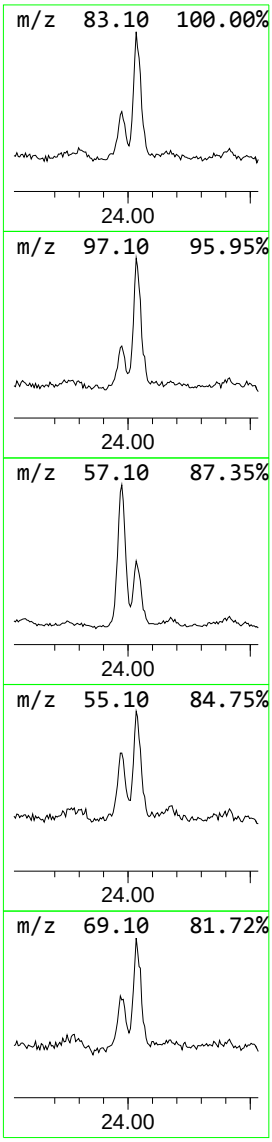
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.033	12.30 ng/ul	1393570	Perylene-d12	24.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacos-1-ene	378	C27H54	015306-27-1	95
2	Octacosanol	410	C28H58O	000557-61-9	93
3	1-Hexacosanol	382	C26H54O	000506-52-5	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022294.D
Acq On : 09 Oct 2024 17:43
Operator : RC/JU
Sample : P4162-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EJ5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzophenone	15.698	3.7	ng/ul	349385	3	14.316	1883600	20.0
Dibenzothiophen...	17.722	2.2	ng/ul	236745	4	17.116	2177690	20.0
Phenanthrene, 1...	18.022	6.3	ng/ul	683611	4	17.116	2177690	20.0
n-Hexadecanoic ...	18.051	7.3	ng/ul	789185	4	17.116	2177690	20.0
1H-Cyclopropa[l...	18.157	2.3	ng/ul	246086	4	17.116	2177690	20.0
4H-Cyclopenta[d...	18.222	9.3	ng/ul	1015490	4	17.116	2177690	20.0
5H-Dibenzo[a,d]...	18.257	2.2	ng/ul	240033	4	17.116	2177690	20.0
Naphthalene, 2-...	18.533	3.5	ng/ul	377086	4	17.116	2177690	20.0
9,10-Anthracene...	18.580	5.3	ng/ul	581022	4	17.116	2177690	20.0
Phenanthrene, 2...	18.974	2.7	ng/ul	292109	4	17.116	2177690	20.0
di-p-Tolylacety...	19.022	2.1	ng/ul	224456	4	17.116	2177690	20.0
Cyclopenta(def)...	19.122	3.9	ng/ul	428891	4	17.116	2177690	20.0
Fluoranthene, 2...	20.145	2.6	ng/ul	767214	5	21.551	5816170	20.0
Pentadecafluoro...	21.210	5.6	ng/ul	1623220	5	21.551	5816170	20.0
(DEL) Alkane: C...	22.439	6.8	ng/ul	1988940	5	21.551	5816170	20.0
(DEL) Alkane: S...	23.974	9.0	ng/ul	1021630	6	24.833	2265690	20.0
(DEL) Alkane: S...	24.033	12.3	ng/ul	1393570	6	24.833	2265690	20.0