LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BD8

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	38	rVB2	12231	20952	0.59%	0.065%
2	3.470	79	82	86	rBV	8333	13179	0.37%	0.041%
3	3.581	99	101	106	rVB6	3355	4541	0.13%	0.014%
4	3.634	107	110	113	rVV4	6877	10729	0.30%	0.033%
5	3.681	115	118	124	rVB	14738	21619	0.61%	0.067%
6	3.887	149	153	160	rVB3	6644	10804	0.31%	0.033%
7	4.293	220	222	229	rVB3	6106	9602	0.27%	0.030%
8	4.434	242	246	251	rBV5	4428	7312	0.21%	0.023%
9	4.658	281	284	289	rBV6	2114	3768	0.11%	0.012%
10	4.781	300	305	311	rBV	28010	41229	1.17%	0.127%
11	5.305	391	394	401	rVB9	1653	3618	0.10%	0.011%
12	6.728	632	636	644	rBV7	3150	5739	0.16%	0.018%
13	6.870	650	660	674	rBV	142912	357640	10.15%	1.104%
14	6.987	674	680	699	rVB	152782	285401	8.10%	0.881%
15	7.187	708	714	727	rBV	214334	397346	11.27%	1.226%
16	7.628	782	789	810	rBV	483292	812857	23.06%	2.508%
17	8.369	909	915	931	rBV	191842	451455	12.81%	1.393%
18	8.487	932	935	948	rVB3	11132	22384	0.64%	0.069%
19	8.793	981	987	1004	rBV	182030	363028	10.30%	1.120%
20	9.116	1040	1042	1050	rVB6	4065	6442	0.18%	0.020%
21	9.375	1082	1086	1098	rBV6	4745	16388	0.46%	0.051%
22	9.505	1102	1108	1127	rVV	142339	316942	8.99%	0.978%
23	10.075	1199	1205	1229	rBV2	137520	489561	13.89%	1.511%
24	10.399	1253	1260	1279	rBV	661359	1155294	32.78%	3.565%
25	10.575	1284	1290	1314	rBV	100576	310044	8.80%	0.957%
26	11.193	1389	1395	1396	rBV3	18198	25132	0.71%	0.078%
27	12.005	1529	1533	1535	rBV4	3913	5175	0.15%	0.016%
28	12.605	1629	1635	1639	rBV9	3033	6508	0.18%	0.020%
29	12.863	1674	1679	1682	rBV6	2756	4664	0.13%	0.014%
30	13.063	1708	1713	1720	rVB10	2405	3985	0.11%	0.012%
31	13.552	1784	1796	1798	rBV2	9727	29251	0.83%	0.090%
32	13.681	1812	1818	1834	rVB	455850	790277	22.42%	2.439%
33	13.828	1841	1843	1848	rVB5	3807	3610	0.10%	0.011%
34	13.963	1855	1866	1886	rBV2	600740	1033740	29.33%	3.190%
35	14.134	1893	1895	1901	rVB6	2642	5209	0.15%	0.016%
36	14.181	1901	1903	1909	rVB7	2211	3892	0.11%	0.012%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	14.269	1909	1918	1925	rBV	1087262	1625644	46.13%	5.016%
38	14.487	1949	1955	1964	rBV3	30412	66184	1.88%	0.204%
39	14.616	1972	1977	1986	rBV3	51586	171872	4.88%	0.530%
40	14.763	1998	2002	2010	rVB6	20134	35966	1.02%	0.111%
41	14.893	2022	2024	2029	rVB4	11081	16810	0.48%	0.052%
42	14.957	2031	2035	2044	rVB6	10682	19848	0.56%	0.061%
43	15.075	2048	2055	2059	rBV6	8144	15962	0.45%	0.049%
44	15.116	2059	2062	2067	rVB6	8571	12417	0.35%	0.038%
45	15.175	2067	2072	2076	rBV2	4913	8659	0.25%	0.027%
46	15.222	2076	2080	2081	rBV4	6263	6691	0.19%	0.021%
47	15.281	2084	2090	2111	rVB	748994	1287205	36.52%	3.972%
48	15.469	2113	2122	2137	rBV	164456	354643	10.06%	1.094%
49	15.646	2147	2152	2161	rVB2	16039	34842	0.99%	0.108%
50	15.798	2174	2178	2185	rBV2	16458	32789	0.93%	0.101%
51	15.951	2201	2204	2207	rBV5	3603	5428	0.15%	0.017%
52	16.004	2209	2213	2215	rBV3	11958	14609	0.41%	0.045%
53	16.381	2268	2277	2281	rBV3	22623	46714	1.33%	0.144%
54	16.428	2281	2285	2290	rVB2	14745	22519	0.64%	0.069%
55	16.475	2290	2293	2295	rBV3	6034	7384	0.21%	0.023%
56	16.528	2300	2302	2306	rVB4	9410	10434	0.30%	0.032%
57	16.610	2307	2316	2320	rBV2	24019	49922	1.42%	0.154%
58	16.657	2320	2324	2327	rVV2	15923	19225	0.55%	0.059%
59	16.816	2345	2351	2358	rBV4	31919	66150	1.88%	0.204%
60	16.904	2362	2366	2373	rVB	29362	49666	1.41%	0.153%
61	17.087	2391	2397	2401	rBV	1358488	2023855	57.42%	6.245%
62	17.128	2401	2404	2409	rVV	521867	754224	21.40%	2.327%
63	17.187	2409	2414	2436	rVB2	829073	1594930	45.25%	4.921%
64	17.534	2469	2473	2479	rVB6	15731	26521	0.75%	0.082%
65	17.616	2484	2487	2492	rVB	17463	21497	0.61%	0.066%
66	17.692	2496	2500	2503	rBV	18238	27759	0.79%	0.086%
67	17.781	2511	2515	2519	rBV6	10857	18612	0.53%	0.057%
68	17.840	2521	2525	2534	rVB4	19238	50679	1.44%	0.156%
69	17.987	2545	2550	2552	rBV	153385	207281	5.88%	0.640%
70	18.022	2552	2556	2558	rVV2	80961	125069	3.55%	0.386%
71	18.140	2571	2576	2580	rBV	77070	121815	3.46%	0.376%
72	18.192	2580	2585	2590	rVV2	193343	350277	9.94%	1.081%
73	18.240	2590	2593	2598	rVB	119013	162015	4.60%	0.500%
74	18.516	2635	2640	2647	rBV	122622	197008	5.59%	0.608%
75	18.775	2681	2684	2688	rBV	33769	39413	1.12%	0.122%
76	18.828	2690	2693	2696	rVV	48775	53937	1.53%	0.166%

LSC Area Percent Report

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Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	18.869	2698	2700	2704	rVB	31108	36791	1.04%	0.114%
78	18.951	2709	2714	2718	rBV2	137306	242069	6.87%	0.747%
79	18.992	2719	2721	2722	rBV2	23301	20289	0.58%	0.063%
80	19.116	2735	2742	2752	rVB4	69368	179926	5.11%	0.555%
81	19.234	2756	2762	2768	rVV	1035448	1403611	39.83%	4.331%
82	19.345	2776	2781	2785	rBV4	96148	188608	5.35%	0.582%
83	19.387	2785	2788	2793	rVB	70905	100673	2.86%	0.311%
84	19.575	2815	2820	2824	rBV2	1190342	1971039	55.93%	6.082%
85	19.610	2824	2826	2833	rVV	707014	914566	25.95%	2.822%
86	19.686	2836	2839	2845	rVB	80060	119392	3.39%	0.368%
87	19.945	2879	2883	2885	rBV4	101123	162020	4.60%	0.500%
88	20.086	2903	2907	2908	rBV2	79434	98318	2.79%	0.303%
89	20.128	2911	2914	2918	rVB	207052	268154	7.61%	0.827%
90	20.228	2928	2931	2935	rVB	78757	91434	2.59%	0.282%
91	20.292	2938	2942	2947	rVB2	115516	190463	5.40%	0.588%
92	20.439	2963	2967	2970	rBV	95692	132860	3.77%	0.410%
93	20.486	2972	2975	2978	rVV	106285	126910	3.60%	0.392%
94	21.104	3077	3080	3083	rBV	99817	136865	3.88%	0.422%
95	21.181	3090	3093	3105	rVB5	183157	352545	10.00%	1.088%
96	21.528	3144	3152	3157	rBV2	1593656	3524374	100.00%	10.875%
97	21.581	3157	3161	3166	rVB	476869	773837	21.96%	2.388%
98	23.792	3531	3537	3544	rBV	260616	814666	23.12%	2.514%
99	24.604	3668	3675	3682	rVB	388044	945114	26.82%	2.916%
100	24.827	3705	3713	3727	rVB2	1047833	2807970	79.67%	8.664%

Sum of corrected areas: 32408286

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
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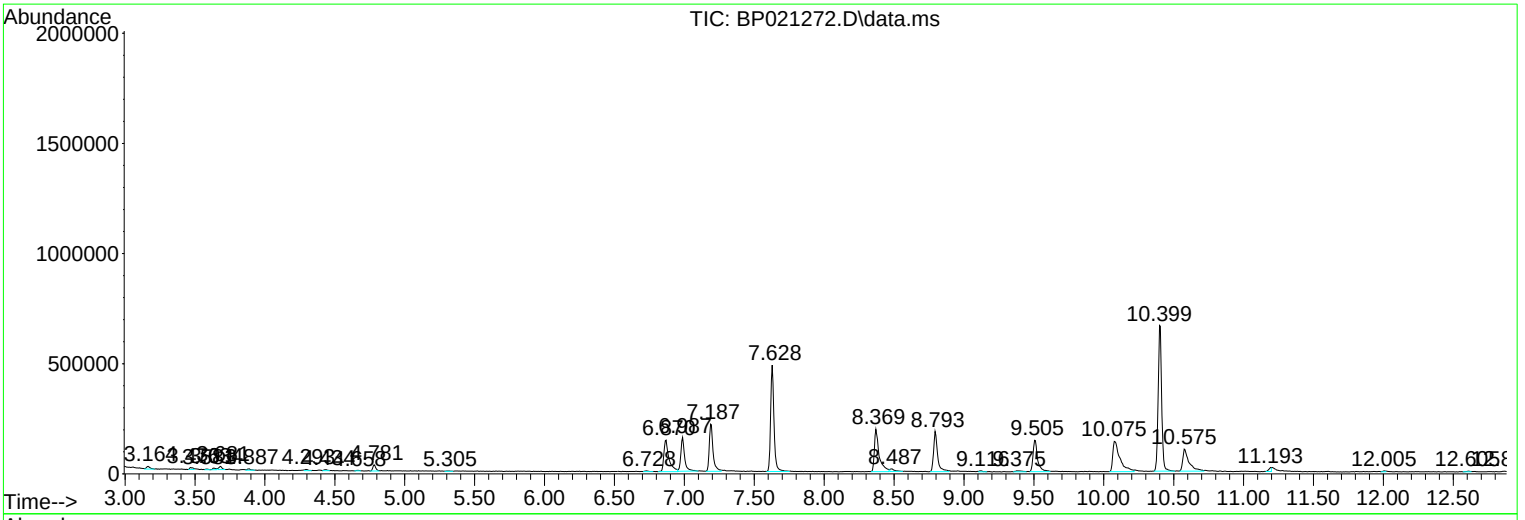
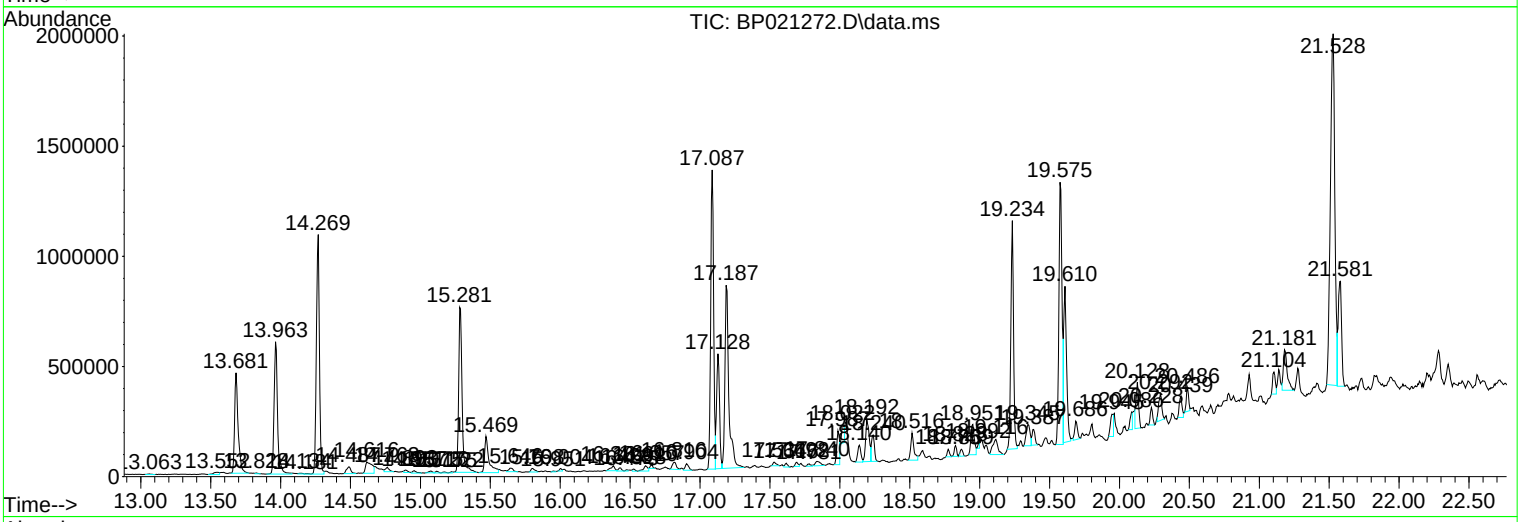
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

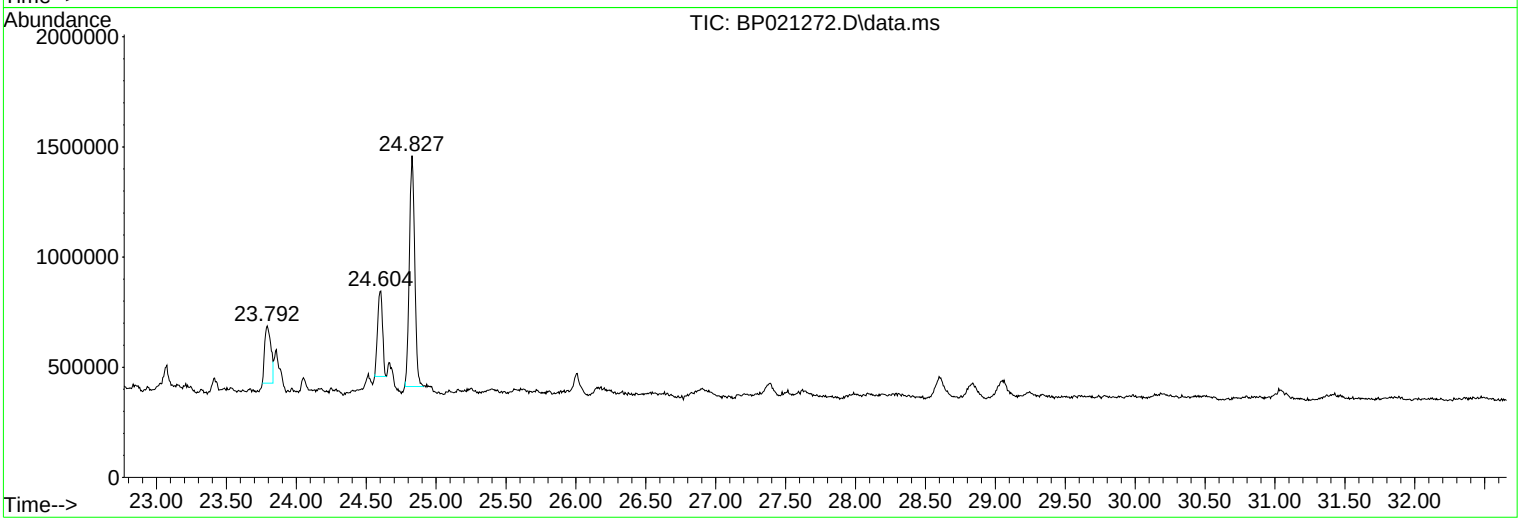
Instrument :
BNA_P
ClientSampleId :
A4BD8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

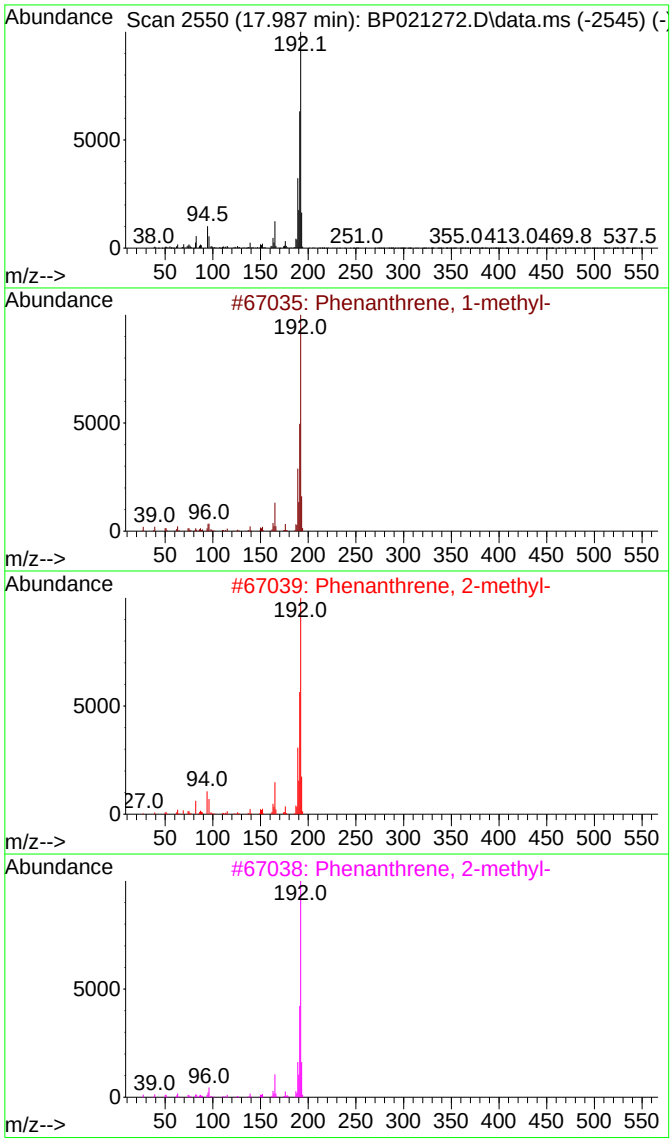
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

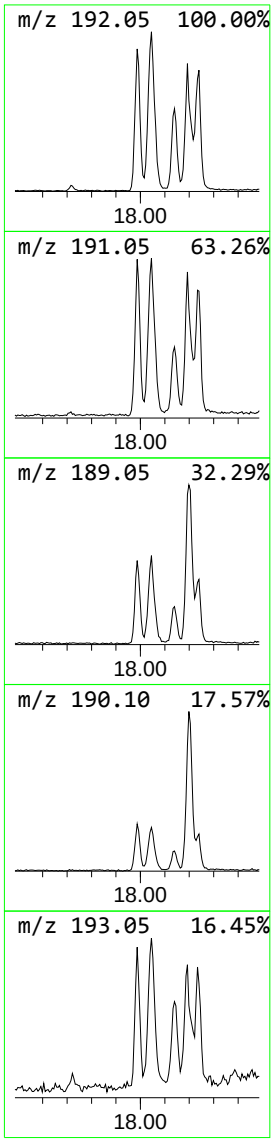
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.987	2.05 ng/ul	207281	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

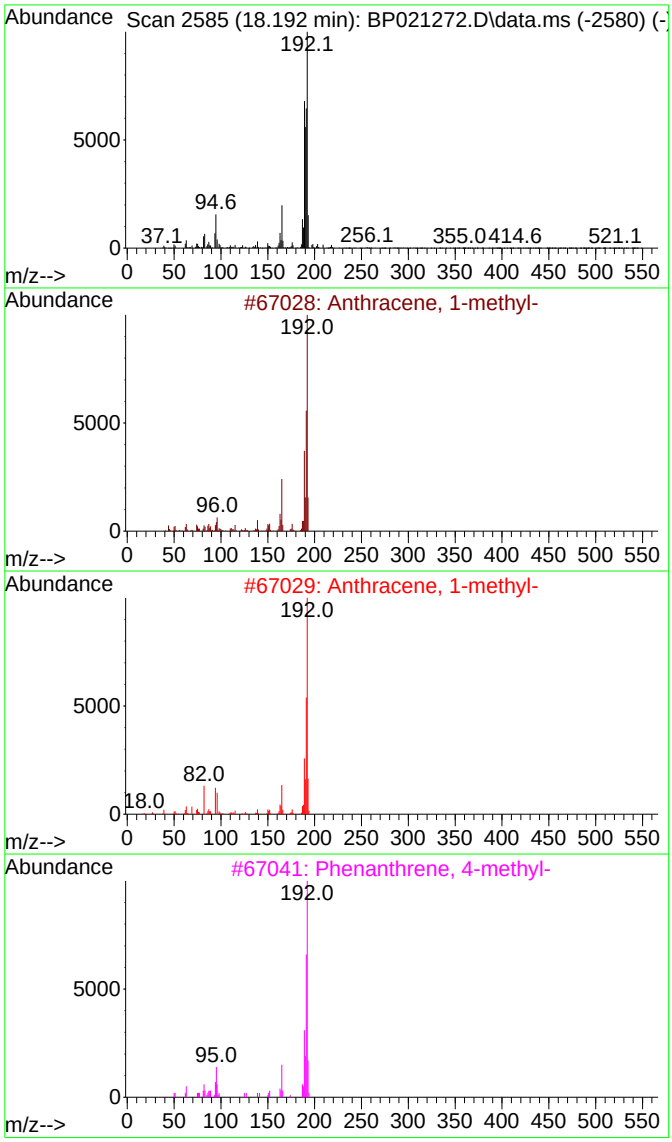
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

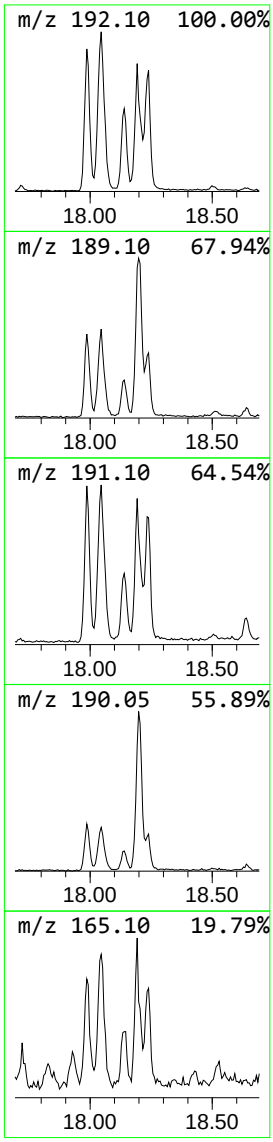
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.46 ng/ul	350277	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	78
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

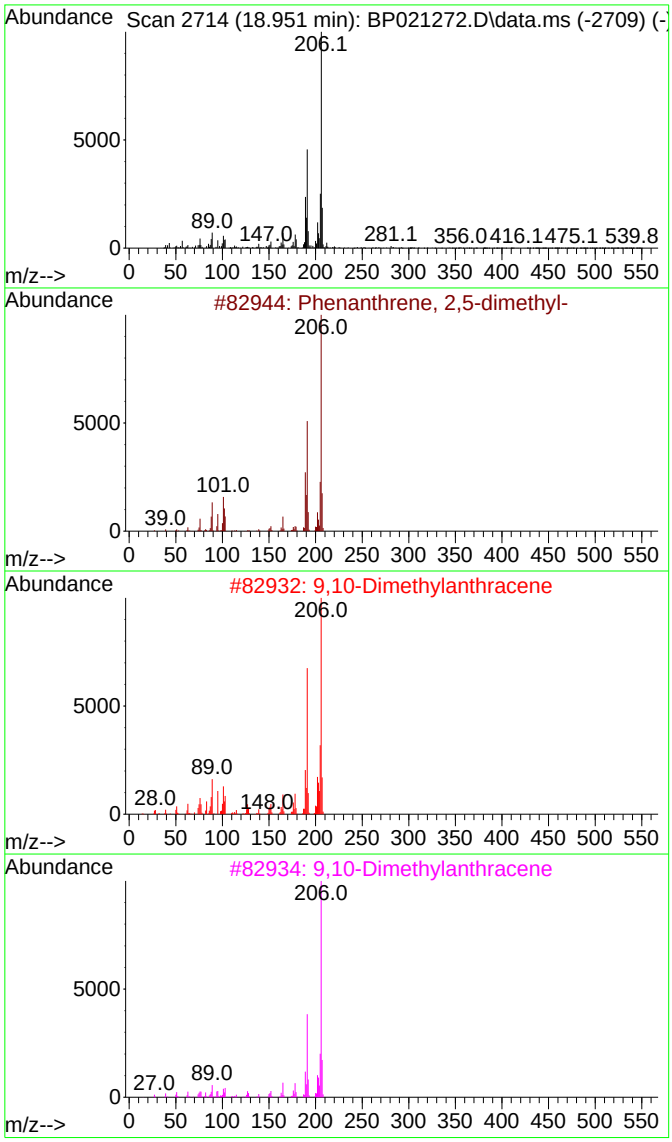
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

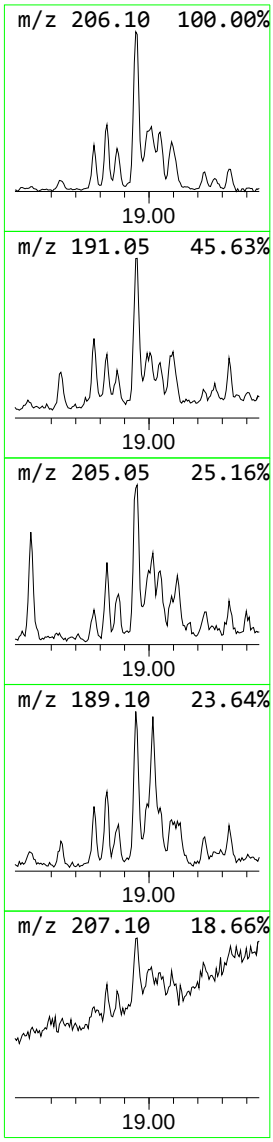
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	2.39 ng/ul	242069	Phenanthrene-d10	17.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

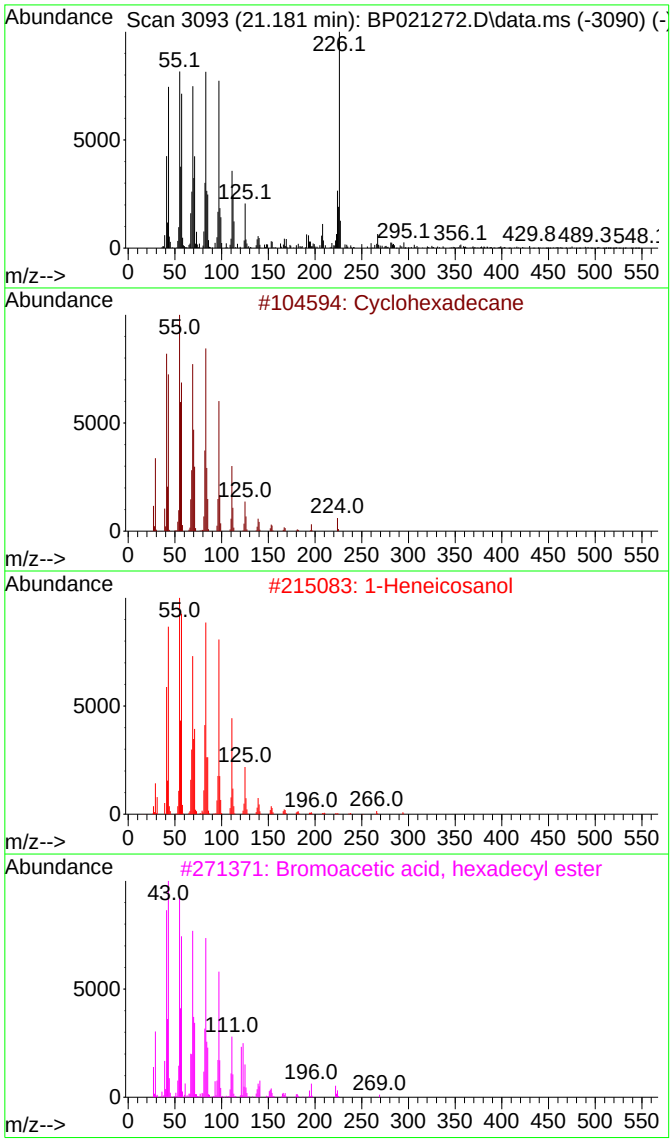
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

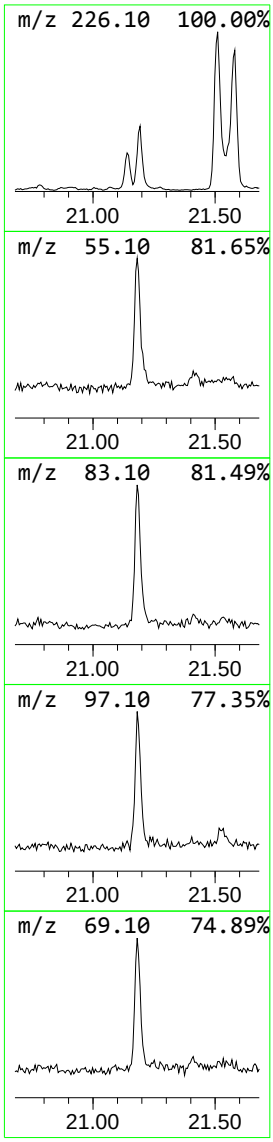
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic21.180 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.00 ng/ul	352545	Chrysene-d12	21.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	64
4	Behenic alcohol	326	C22H46O	000661-19-8	64
5	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021272.D
Acq On : 31 Jul 2024 22:59
Operator : CG/JU
Sample : P3264-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BD8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
Phenanthrene, 1...	17.987	2.0	ng/ul	207281	4	17.087	2023860	20.0
Anthracene, 1-m...	18.192	3.5	ng/ul	350277	4	17.087	2023860	20.0
Phenanthrene, 2...	18.951	2.4	ng/ul	242069	4	17.087	2023860	20.0
(DEL) Alkane: C...	21.180	2.0	ng/ul	352545	5	21.528	3524370	20.0