LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

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-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.711	102	106	118	rBV	148785	245838	1.66%	0.146%
2	4.928	308	313	321	rVV2	132879	211757	1.43%	0.125%
3	6.958	648	658	673	rBV2	832774	1602222	10.82%	0.949%
4	7.111	677	684	692	rVV	697647	1091747	7.37%	0.646%
5	7.316	713	719	729	rVB	922186	1374193	9.28%	0.814%
6	7.775	790	797	804	rBV	1598536	2499891	16.88%	1.480%
7	8.475	910	916	925	rBV	717853	1162364	7.85%	0.688%
8	8.587	927	935	944	rVB	778289	1228618	8.30%	0.727%
9	8.916	984	991	1002	rBV	795695	1305998	8.82%	0.773%
10	9.475	1078	1086	1091	rBV2	104625	156743	1.06%	0.093%
11	9.634	1105	1113	1120	rBV	664647	1034168	6.98%	0.612%
12	9.799	1135	1141	1149	rBV	88937	150922	1.02%	0.089%
13	10.105	1188	1193	1199	rBV	87112	161972	1.09%	0.096%
14	10.175	1199	1205	1215	rVB	1102655	1819461	12.29%	1.077%
15	10.546	1260	1268	1274	rBV	2531663	4052793	27.36%	2.399%
16	10.687	1285	1292	1315	rVB	306962	653072	4.41%	0.387%
17	11.081	1353	1359	1371	rVB3	64532	129727	0.88%	0.077%
18	13.710	1801	1806	1811	rVB	108965	162661	1.10%	0.096%
19	13.793	1811	1820	1826	rBV	1949463	2758002	18.62%	1.633%
20	14.087	1863	1870	1874	rBV	2203944	3690572	24.92%	2.185%
21	14.393	1914	1922	1929	rBV	3858707	5649905	38.15%	3.345%
22	14.457	1929	1933	1942	rVB2	92181	172093	1.16%	0.102%
23	14.616	1953	1960	1969	rBV	573903	953389	6.44%	0.564%
24	14.704	1970	1975	1979	rVV	137370	242253	1.64%	0.143%
25	14.798	1986	1991	1999	rVB2	175980	302012	2.04%	0.179%
26	15.022	2021	2029	2034	rBV3	92568	224796	1.52%	0.133%
27	15.275	2068	2072	2077	rVV2	94822	147168	0.99%	0.087%
28	15.398	2085	2093	2099	rVV	2971376	4168345	28.14%	2.468%
29	15.457	2099	2103	2109	rVV2	349557	570284	3.85%	0.338%
30	15.522	2109	2114	2121	rVV	544793	795214	5.37%	0.471%
31	15.675	2136	2140	2149	rVV7	69523	172837	1.17%	0.102%
32	15.775	2149	2157	2166	rVB2	436302	845250	5.71%	0.500%
33	15.916	2173	2181	2188	rVV3	127308	280824	1.90%	0.166%
34	16.151	2216	2221	2229	rBV2	161938	301965	2.04%	0.179%
35	16.492	2271	2279	2284	rBV3	129943	281394	1.90%	0.167%
36	16.540	2284	2287	2293	rVB	111154	149894	1.01%	0.089%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

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-BP012925.MA.M
Title : SVOA CALIBRATION

37	16.845	2334	2339	2347	rVB	329692	552574	3.73%	0.327%
38	16.928	2348	2353	2357	rBV	118794	214243	1.45%	0.127%
39	16.969	2357	2360	2363	rVV2	90128	140131	0.95%	0.083%
40	17.004	2363	2366	2376	rVB	333271	540333	3.65%	0.320%
41	17.204	2393	2400	2403	rBV	4335218	6475422	43.72%	3.834%
42	17.245	2403	2407	2412	rVV	6532272	9186853	62.03%	5.439%
43	17.298	2412	2416	2420	rVV	3386608	4443974	30.01%	2.631%
44	17.334	2420	2422	2427	rVV	853511	1006743	6.80%	0.596%
45	17.392	2428	2432	2439	rVB4	158084	305303	2.06%	0.181%
46	17.528	2451	2455	2459	rVB2	108299	156645	1.06%	0.093%
47	17.610	2462	2469	2474	rBV	439754	726179	4.90%	0.430%
48	17.739	2487	2491	2496	rVB2	162394	242435	1.64%	0.144%
49	17.804	2497	2502	2511	rVB3	257078	477682	3.23%	0.283%
50	17.951	2522	2527	2532	rVV	144159	253668	1.71%	0.150%
51	18.016	2536	2538	2542	rVB2	117111	142695	0.96%	0.084%
52	18.104	2547	2553	2557	rBV2	1149584	1831937	12.37%	1.085%
53	18.157	2557	2562	2568	rVB	1607656	2782652	18.79%	1.647%
54	18.239	2572	2576	2580	rVB	253694	321065	2.17%	0.190%
55	18.298	2580	2586	2590	rBV2	1547277	2657665	17.94%	1.573%
56	18.339	2590	2593	2602	rVB	962117	1335021	9.01%	0.790%
57	18.434	2604	2609	2611	rBV3	109651	188390	1.27%	0.112%
58	18.522	2620	2624	2627	rVB2	126172	195512	1.32%	0.116%
59	18.622	2636	2641	2644	rVV	850671	1287226	8.69%	0.762%
60	18.657	2644	2647	2654	rVV2	1036891	1492759	10.08%	0.884%
61	18.722	2654	2658	2661	rVB	197059	247744	1.67%	0.147%
62	18.881	2681	2685	2688	rVV	318129	394576	2.66%	0.234%
63	18.928	2689	2693	2696	rVV	349041	417213	2.82%	0.247%
64	18.969	2696	2700	2704	rVB2	359297	509859	3.44%	0.302%
65	19.057	2710	2715	2720	rBV	887400	1410384	9.52%	0.835%
66	19.116	2720	2725	2729	rBV3	445374	866470	5.85%	0.513%
67	19.157	2729	2732	2734	rVV	341984	377190	2.55%	0.223%
68	19.198	2735	2739	2752	rVV	795057	1933662	13.06%	1.145%
69	19.322	2755	2760	2768	rVB	9514071	13650821	92.17%	8.082%
70	19.404	2770	2774	2776	rBV	196214	245834	1.66%	0.146%
71	19.433	2777	2779	2783	rVB3	210557	251865	1.70%	0.149%
72	19.486	2783	2788	2792	rBV	547755	847263	5.72%	0.502%
73	19.533	2792	2796	2800	rVB	362326	445137	3.01%	0.264%
74	19.575	2801	2803	2806	rBV	162804	180837	1.22%	0.107%
75	19.669	2814	2819	2821	rBV	3978640	5409411	36.52%	3.202%
76	19.698	2821	2824	2835	rVV	6336781	9969856	67.32%	5.902%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

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-BP012925.MA.M
Title : SVOA CALIBRATION

77	19.786	2835	2839	2845	rVB2	586396	870888	5.88%	0.516%
78	19.886	2853	2856	2862	rVB	351787	472823	3.19%	0.280%
79	19.939	2863	2865	2870	rBV3	173631	308670	2.08%	0.183%
80	20.045	2877	2883	2890	rBV4	716133	1759565	11.88%	1.042%
81	20.186	2902	2907	2909	rBV2	610398	1029175	6.95%	0.609%
82	20.216	2909	2912	2919	rVB	1416225	1819088	12.28%	1.077%
83	20.269	2919	2921	2926	rBV5	158389	228615	1.54%	0.135%
84	20.328	2927	2931	2935	rVV	770860	959119	6.48%	0.568%
85	20.386	2936	2941	2946	rVB2	1151602	1632033	11.02%	0.966%
86	20.533	2962	2966	2969	rVB2	552390	675230	4.56%	0.400%
87	20.575	2970	2973	2978	rBV	629236	919709	6.21%	0.544%
88	21.016	3044	3048	3055	rVB	1143497	1764960	11.92%	1.045%
89	21.204	3073	3080	3084	rBV2	699373	1575437	10.64%	0.933%
90	21.251	3085	3088	3092	rVB	465303	632194	4.27%	0.374%
91	21.298	3092	3096	3098	rBV	399673	654850	4.42%	0.388%
92	21.363	3104	3107	3116	rVB	1169690	1984856	13.40%	1.175%
93	21.569	3140	3142	3146	rBV2	299991	399196	2.70%	0.236%
94	21.639	3146	3154	3160	rVV2	5951873	14810333	100.00%	8.768%
95	21.692	3160	3163	3177	rVB	3749972	6540593	44.16%	3.872%
96	21.910	3197	3200	3204	rBV2	445591	626418	4.23%	0.371%
97	23.951	3539	3547	3548	rBV	2171858	3954948	26.70%	2.341%
98	24.780	3684	3688	3694	rVB	785217	1444375	9.75%	0.855%
99	24.851	3696	3700	3709	rVB	932107	2169607	14.65%	1.284%
100	25.021	3722	3729	3738	rVB	2581512	6814545	46.01%	4.034%

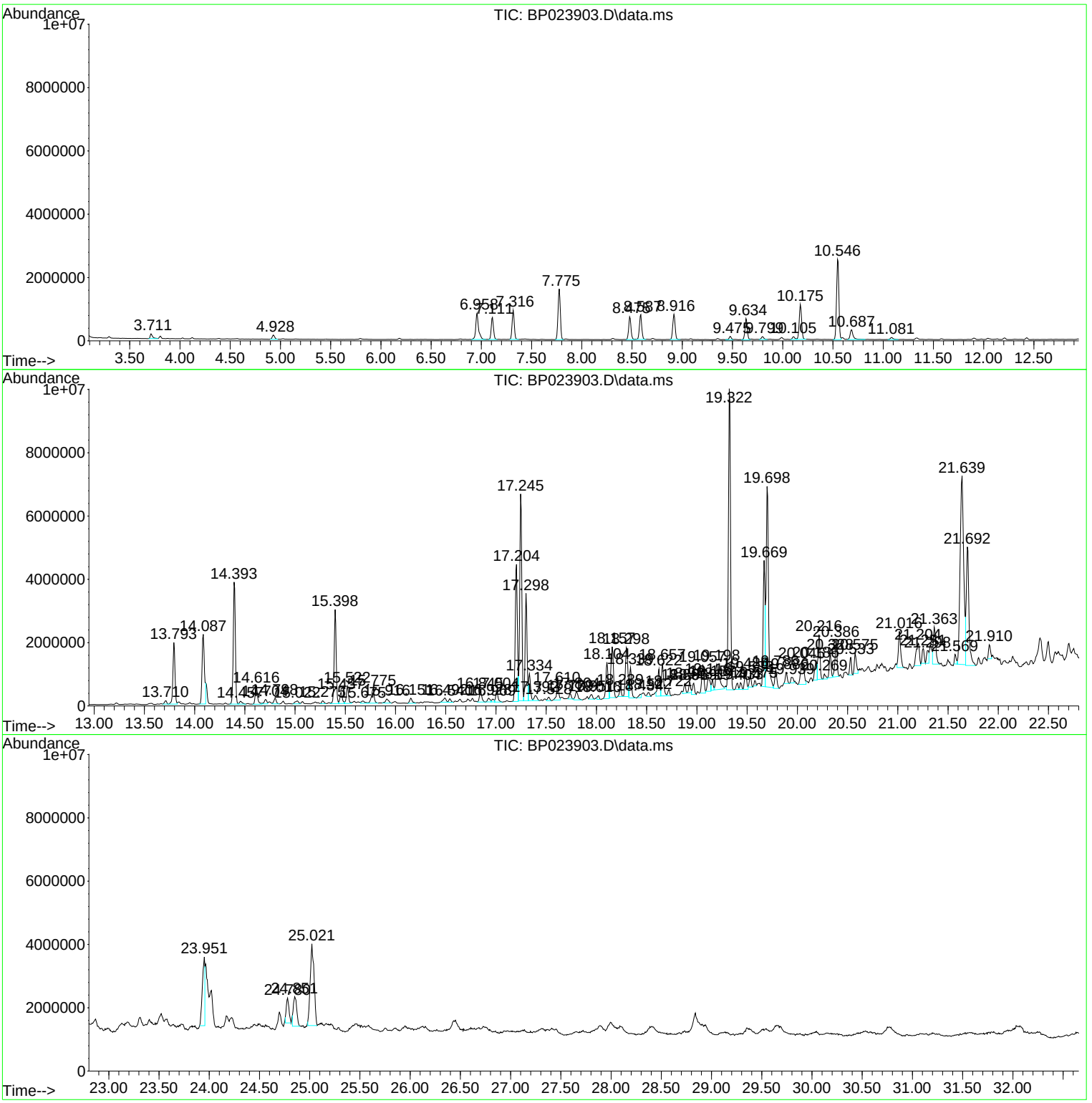
Sum of corrected areas: 168912800

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

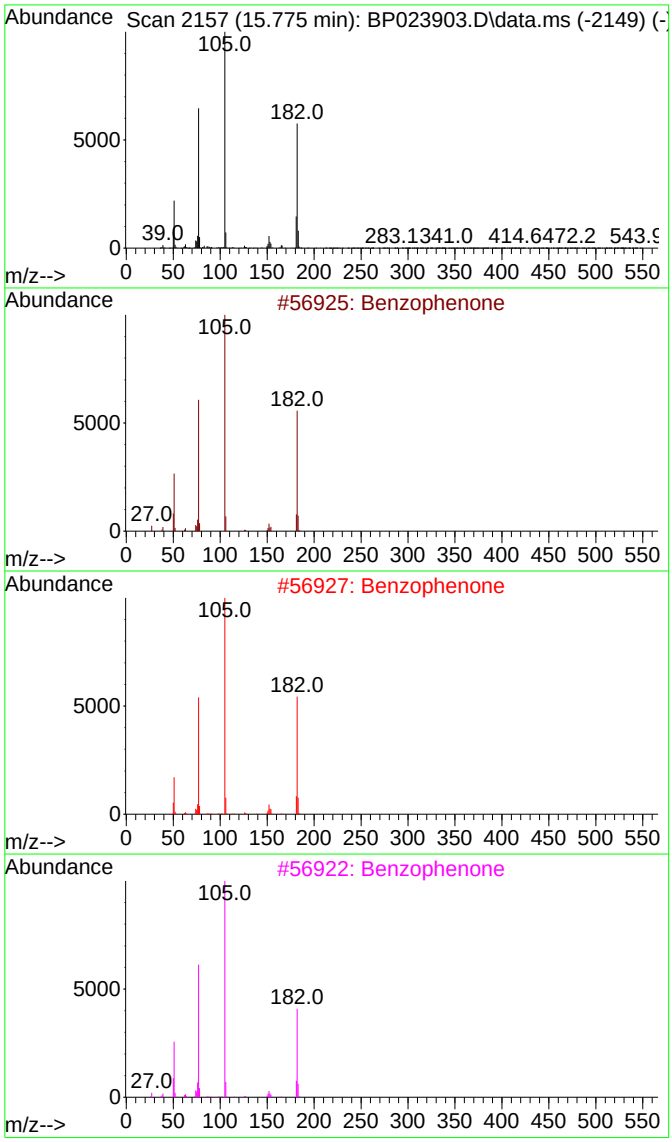
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

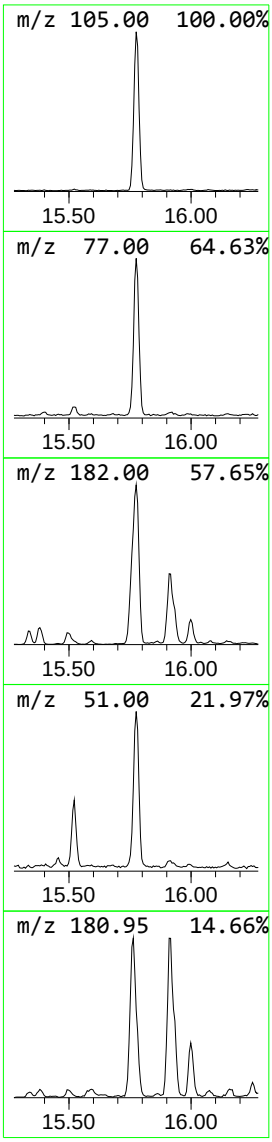
****

Peak Number 1 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.775	2.99 ng/ul	845250	Acenaphthene-d10	14.393

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

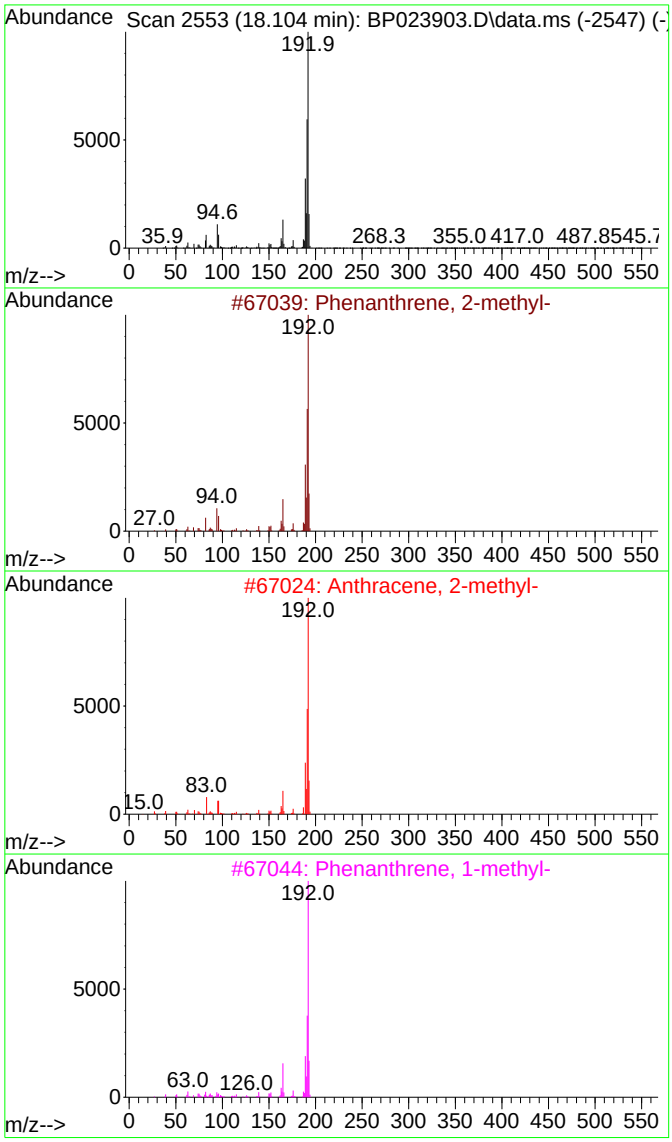
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

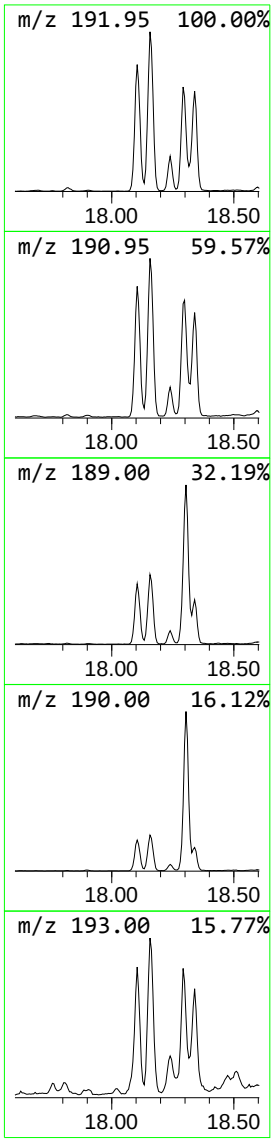
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	5.66 ng/ul	1831940	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

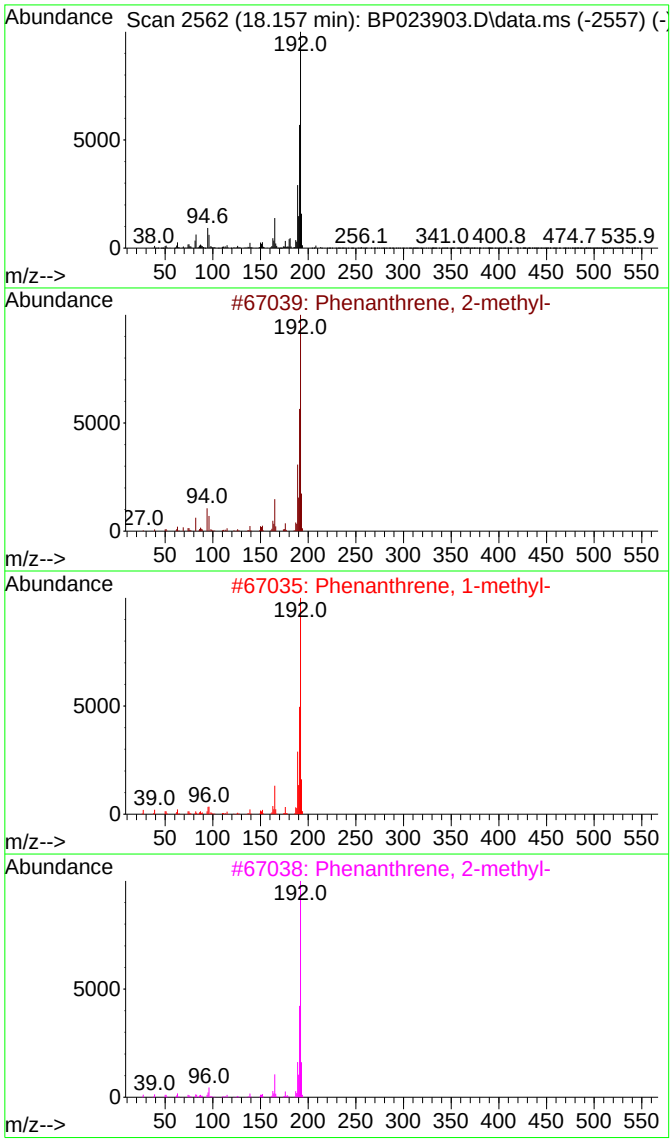
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

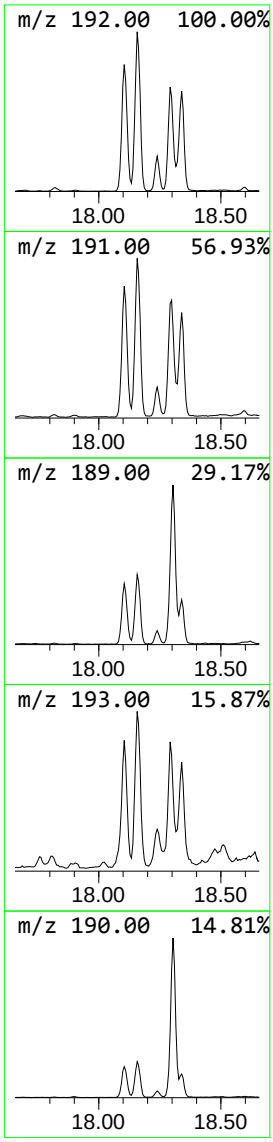
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	8.59 ng/ul	2782650	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

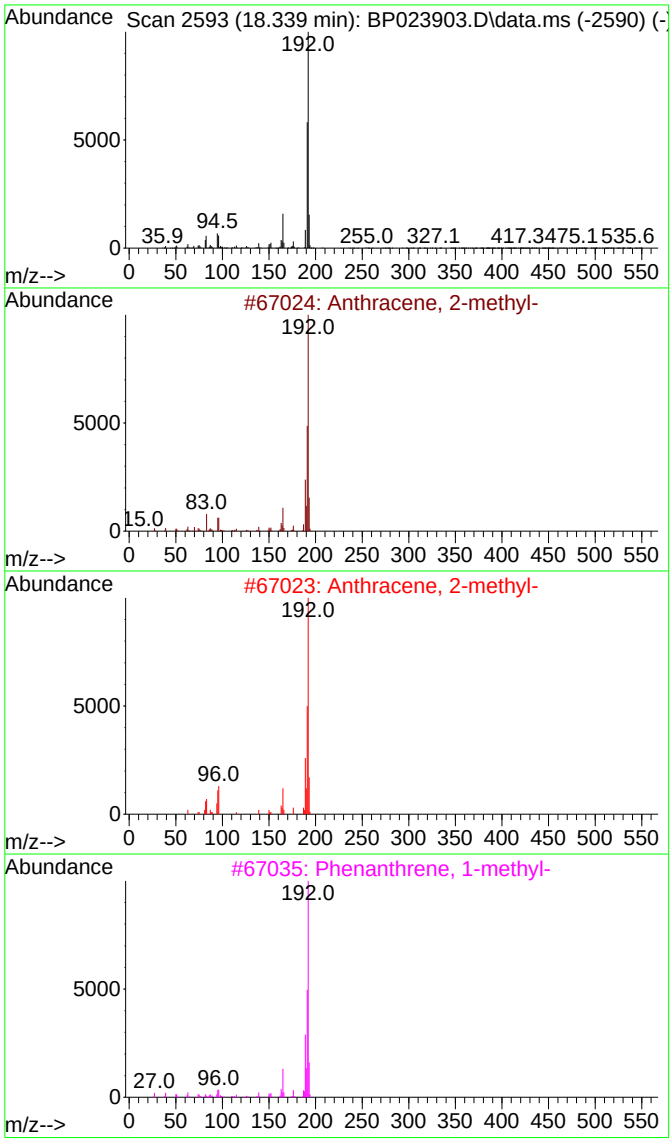
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

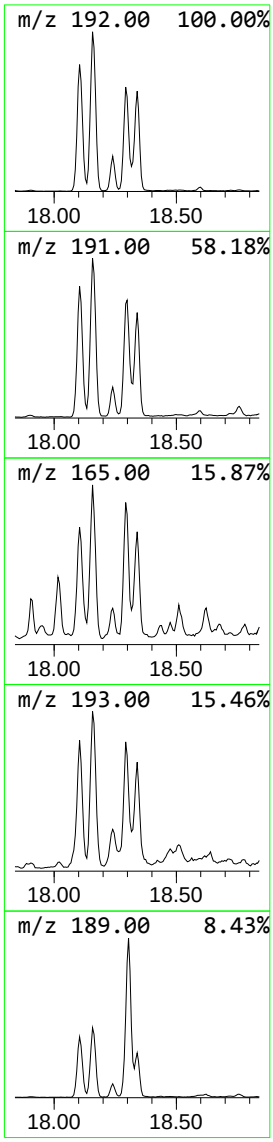
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	4.12 ng/ul	1335020	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

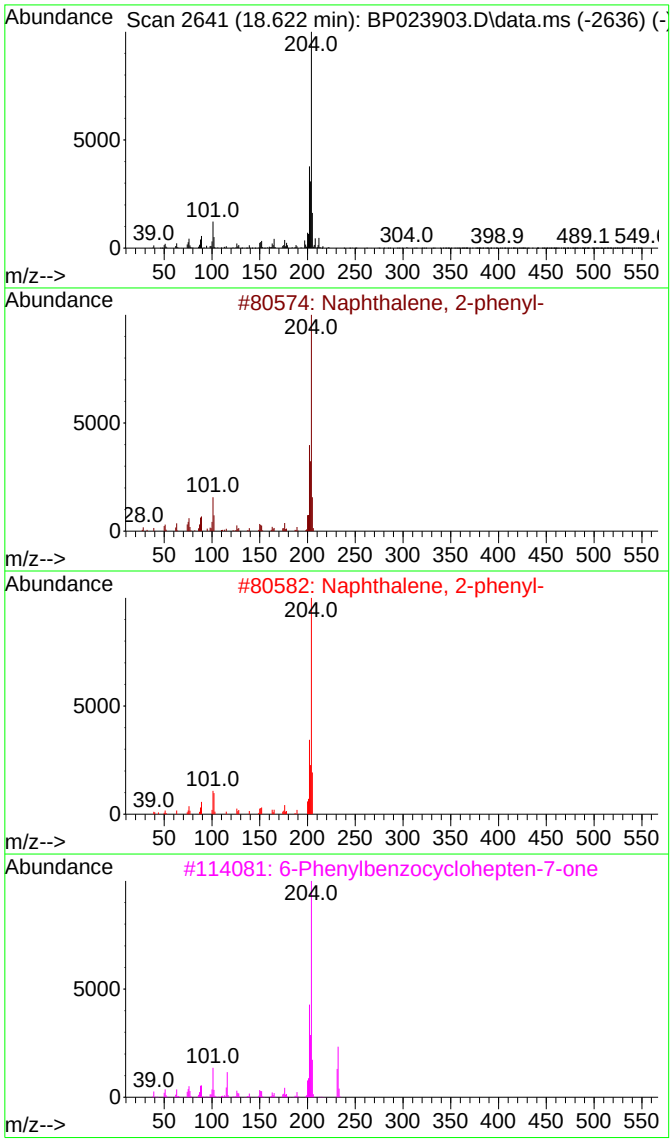
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

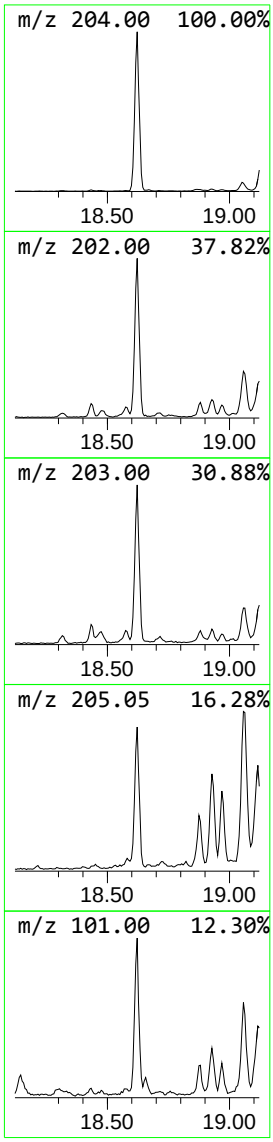
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	3.98 ng/ul	1287230	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

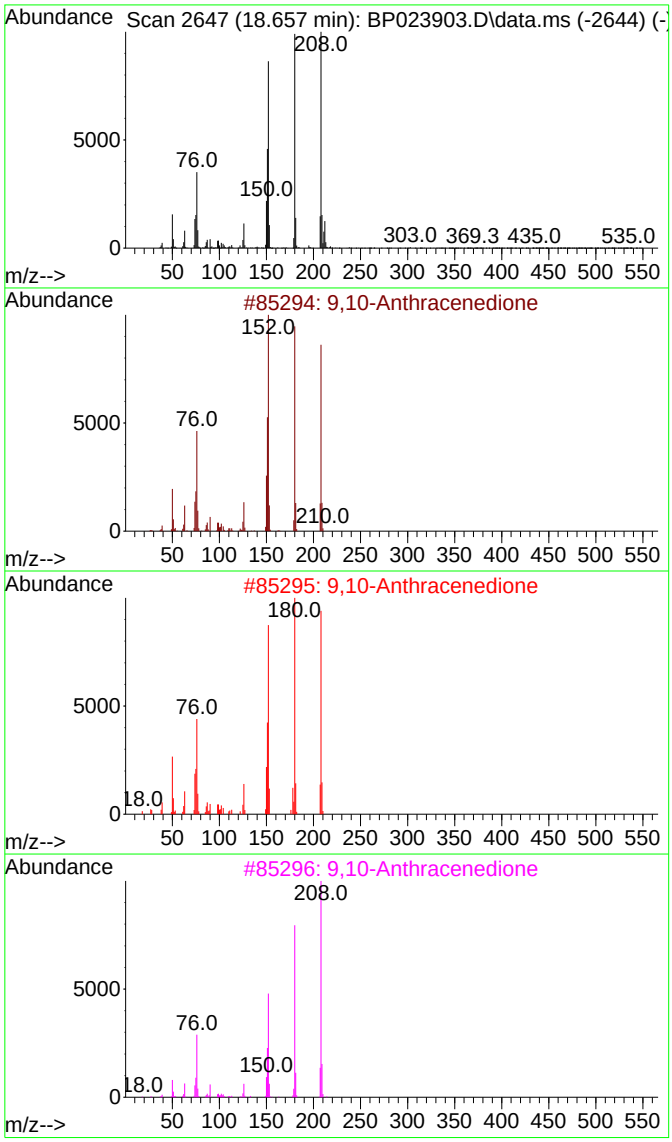
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

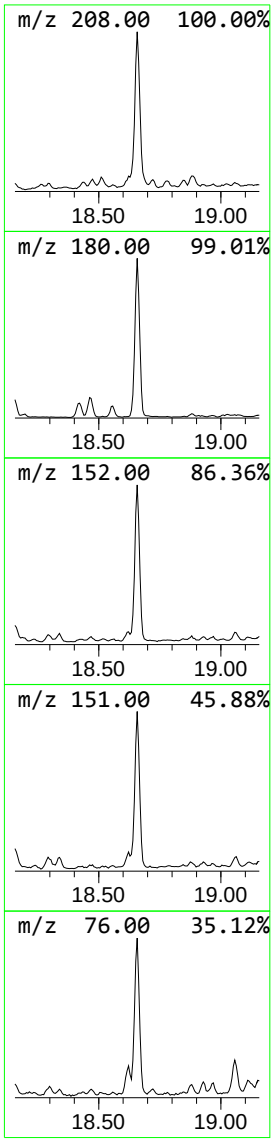
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	4.61 ng/ul	1492760	Phenanthrene-d10	17.204

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	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

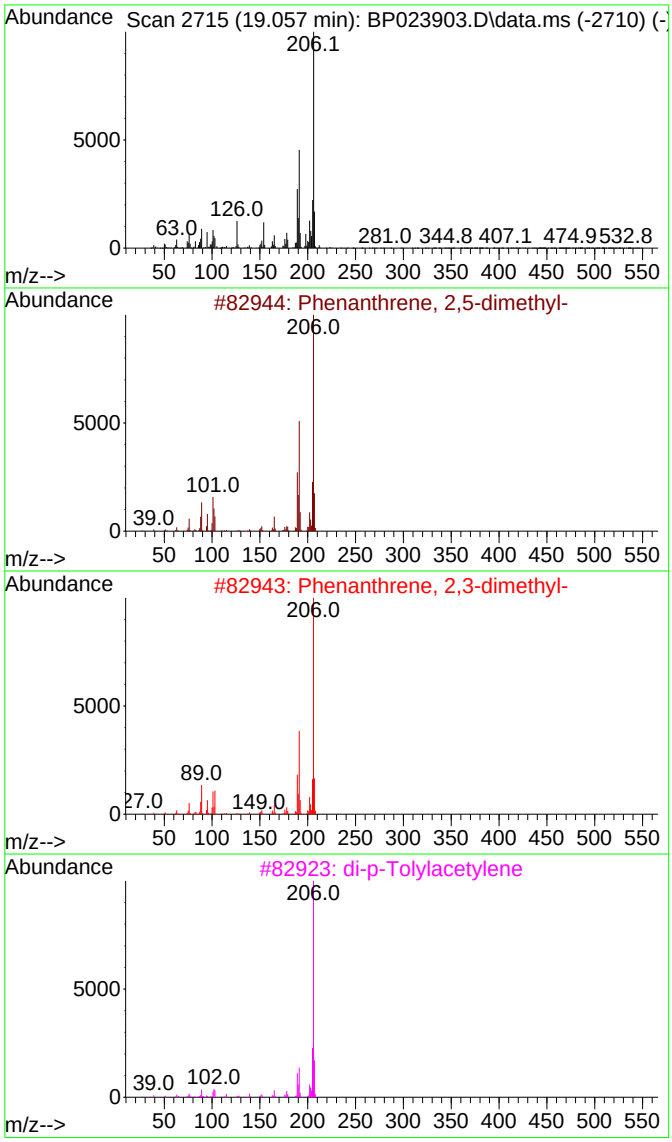
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

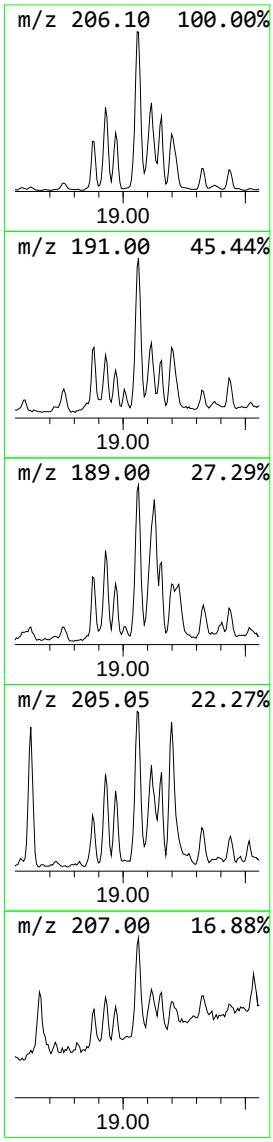
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	4.36 ng/ul	1410380	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

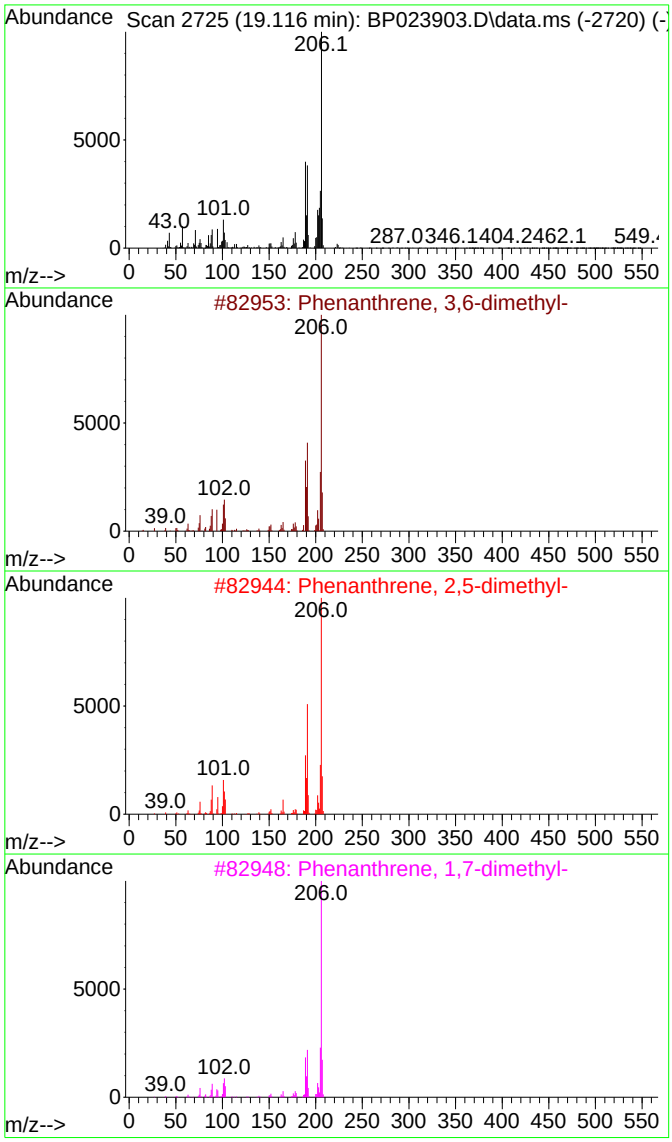
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

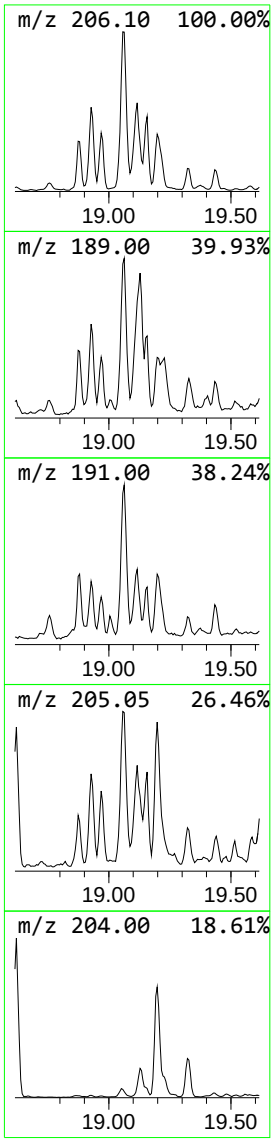
****

Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	2.68 ng/ul	866470	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

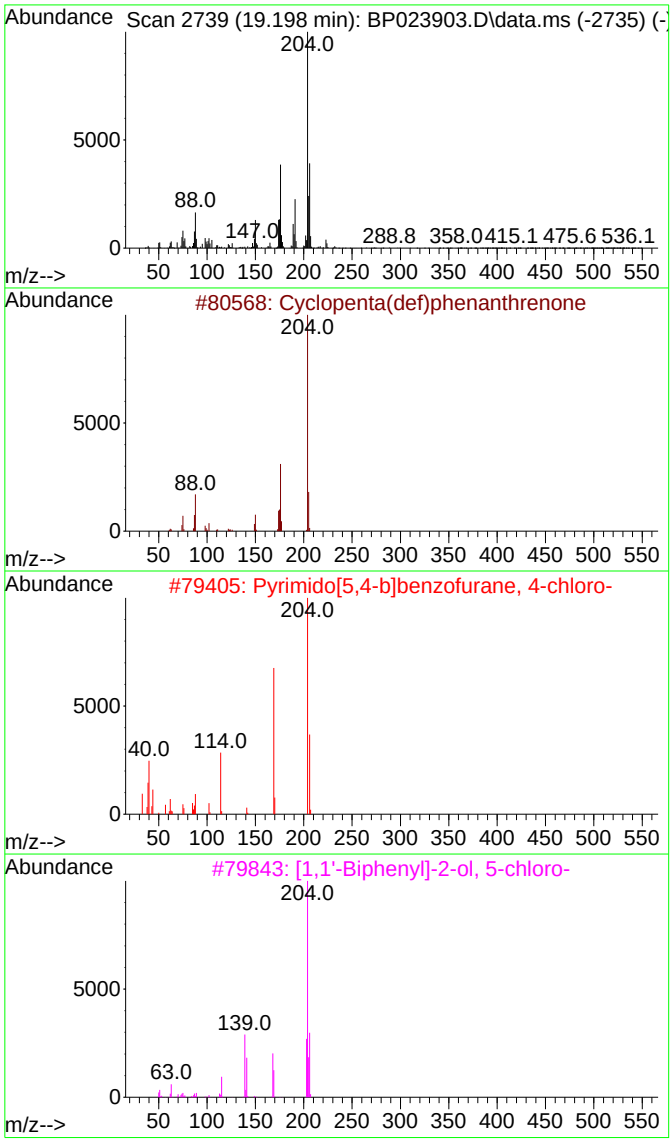
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

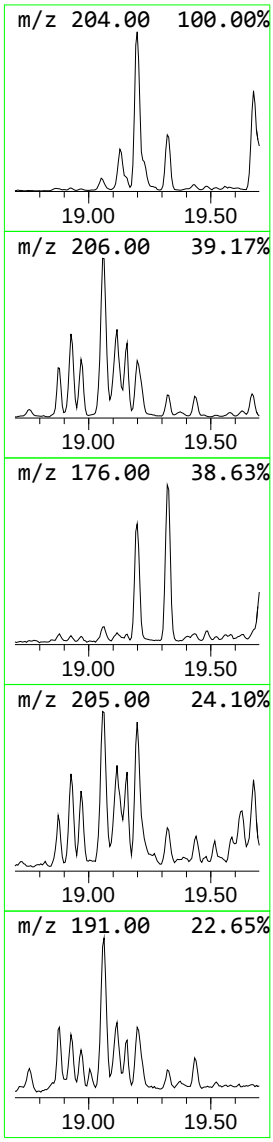
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	5.97 ng/ul	1933660	Phenanthrene-d10	17.204

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4	Benzene, 1-chloro-4-phenoxy-	204	C12H9ClO	007005-72-3	43
5	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

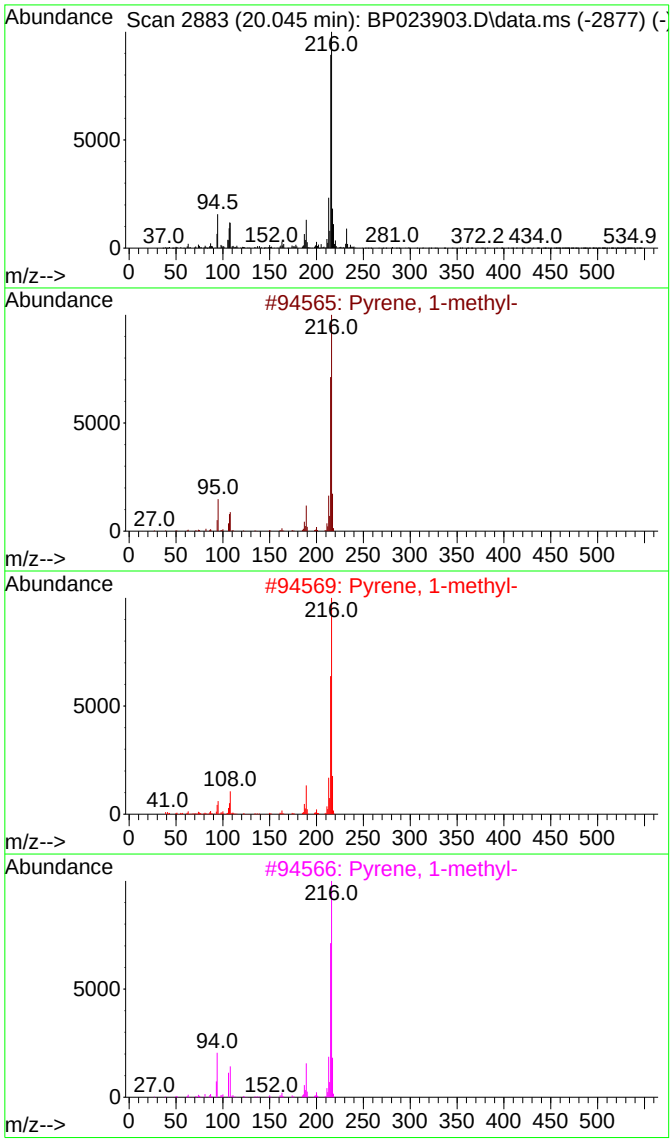
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

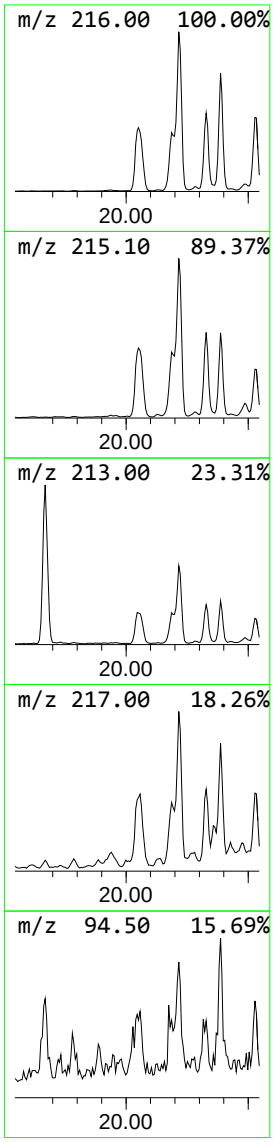
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.38 ng/ul	1759570	Chrysene-d12	21.639

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	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

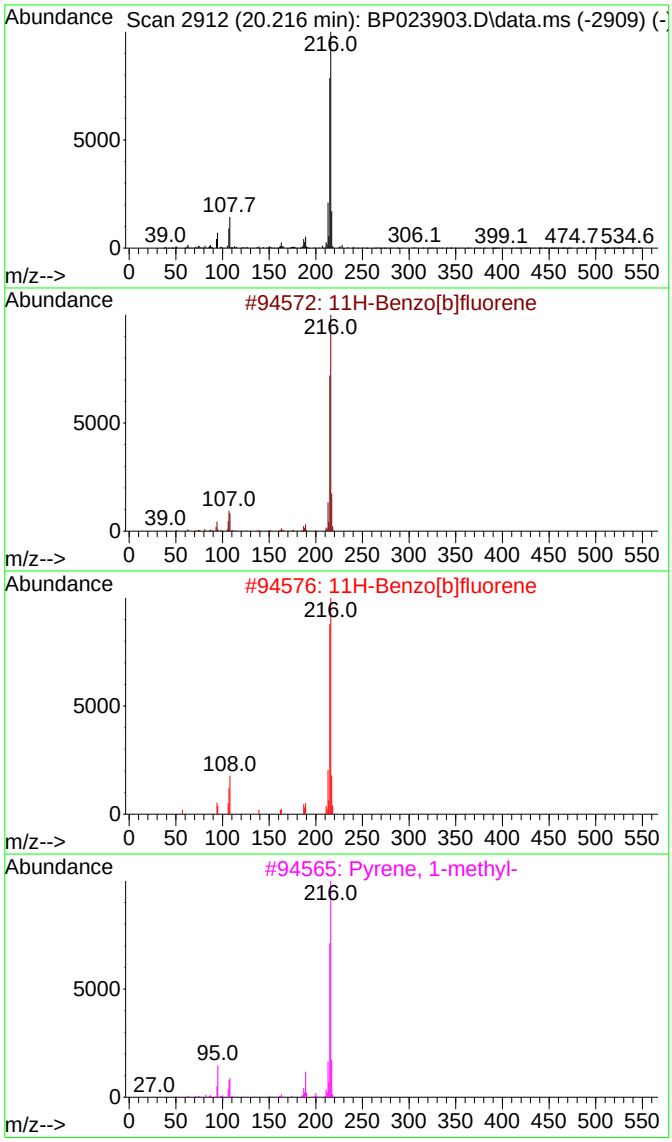
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

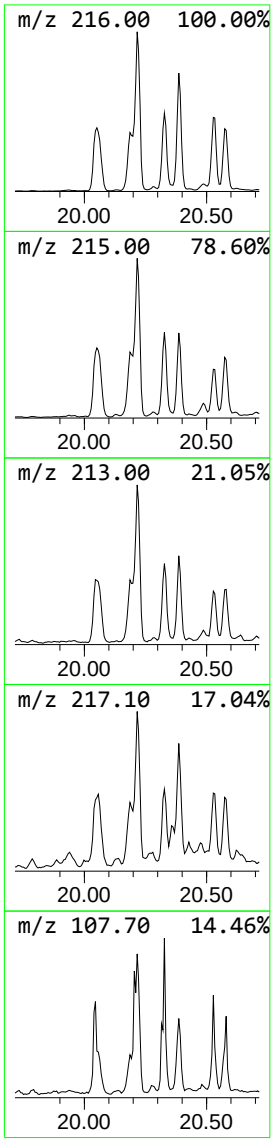
****

Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.46 ng/ul	1819090	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

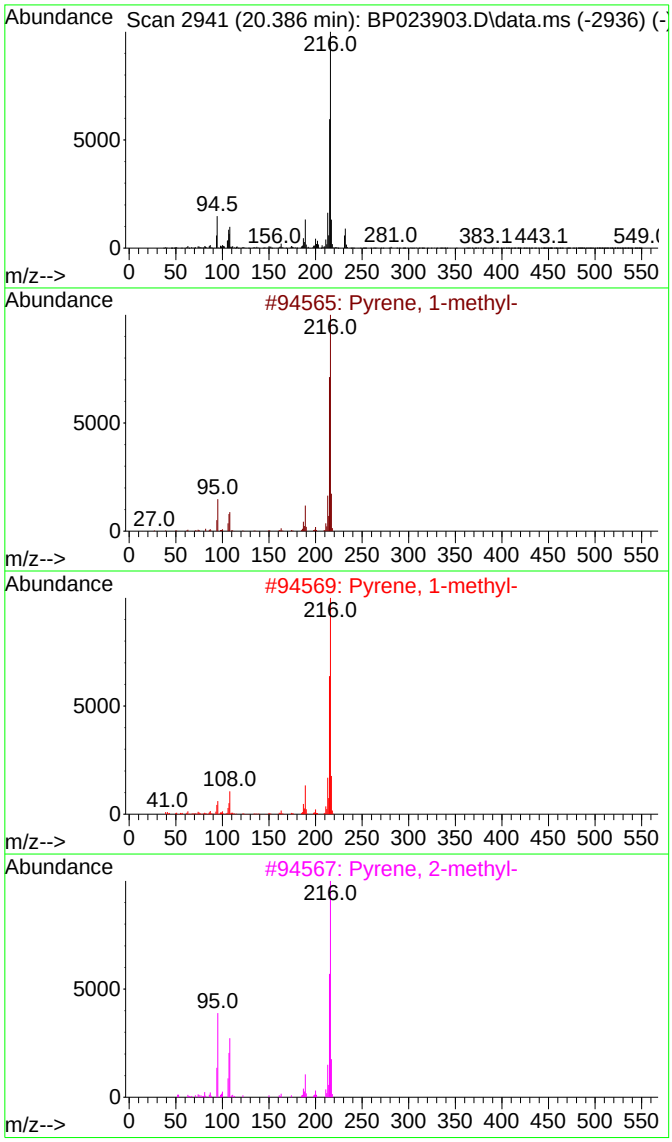
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

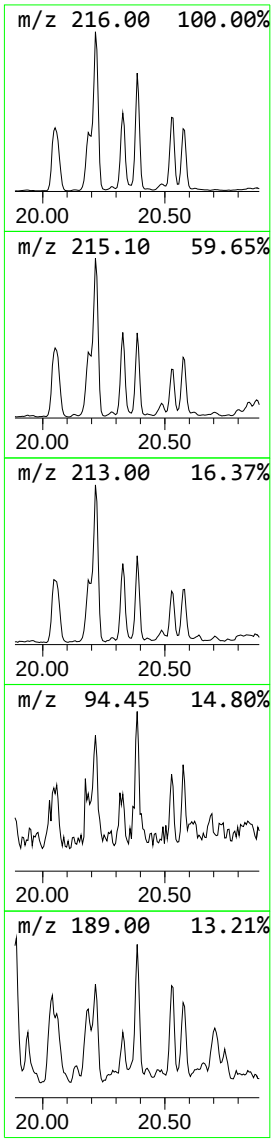
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	2.20 ng/ul	1632030	Chrysene-d12	21.639

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	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

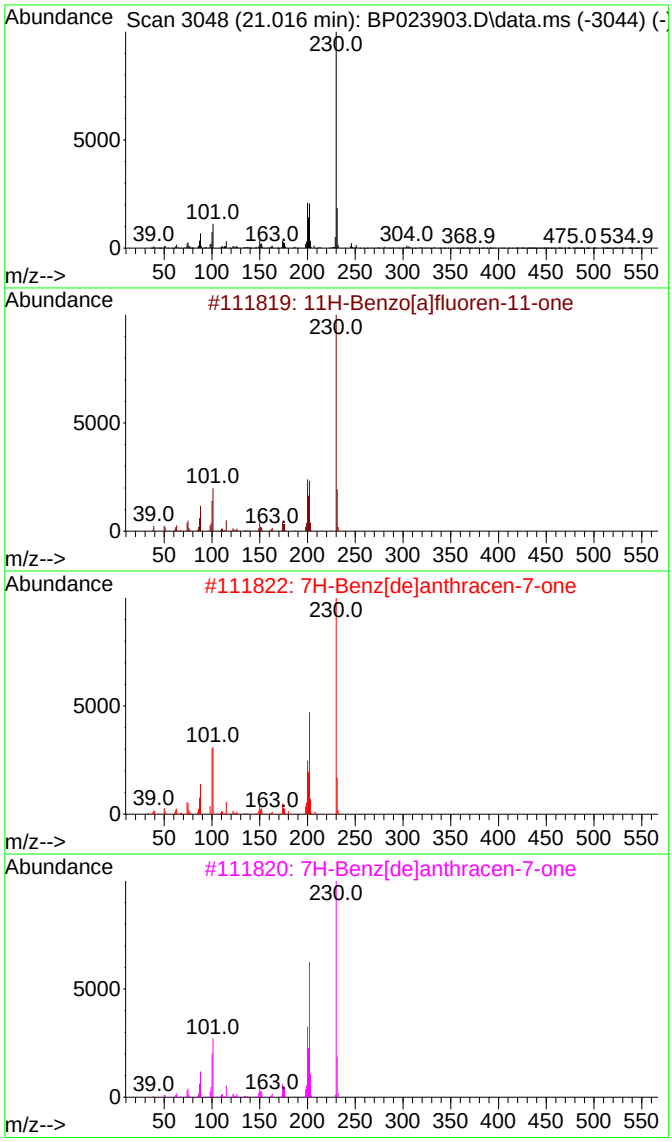
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

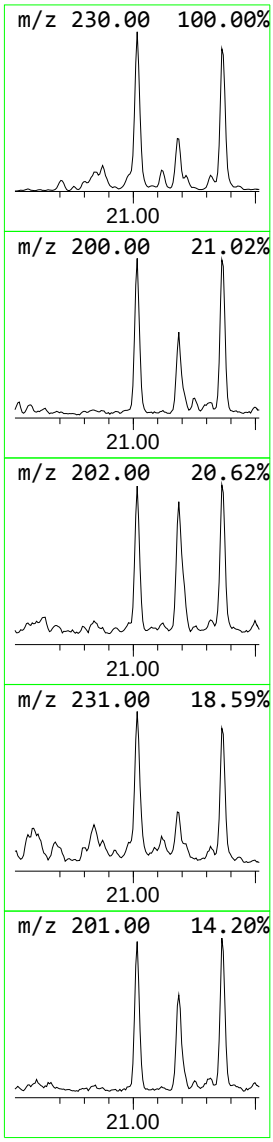
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	2.38 ng/ul	1764960	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

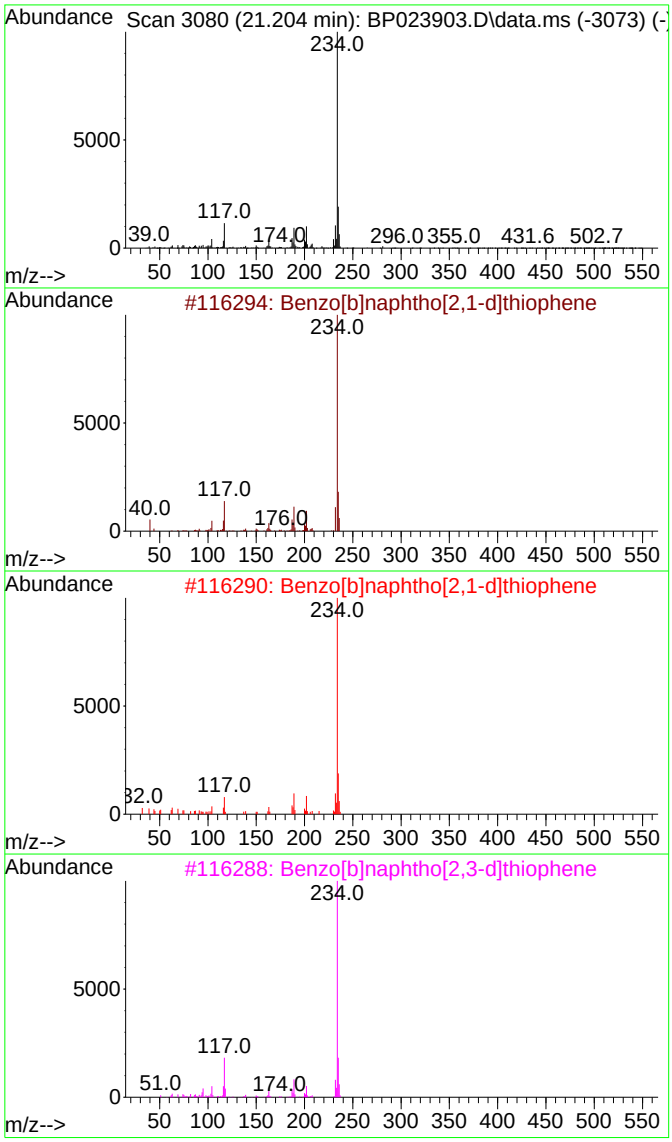
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

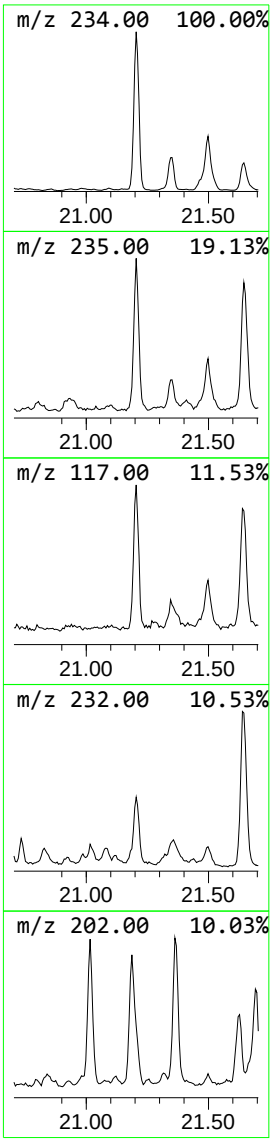
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	2.13 ng/ul	1575440	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

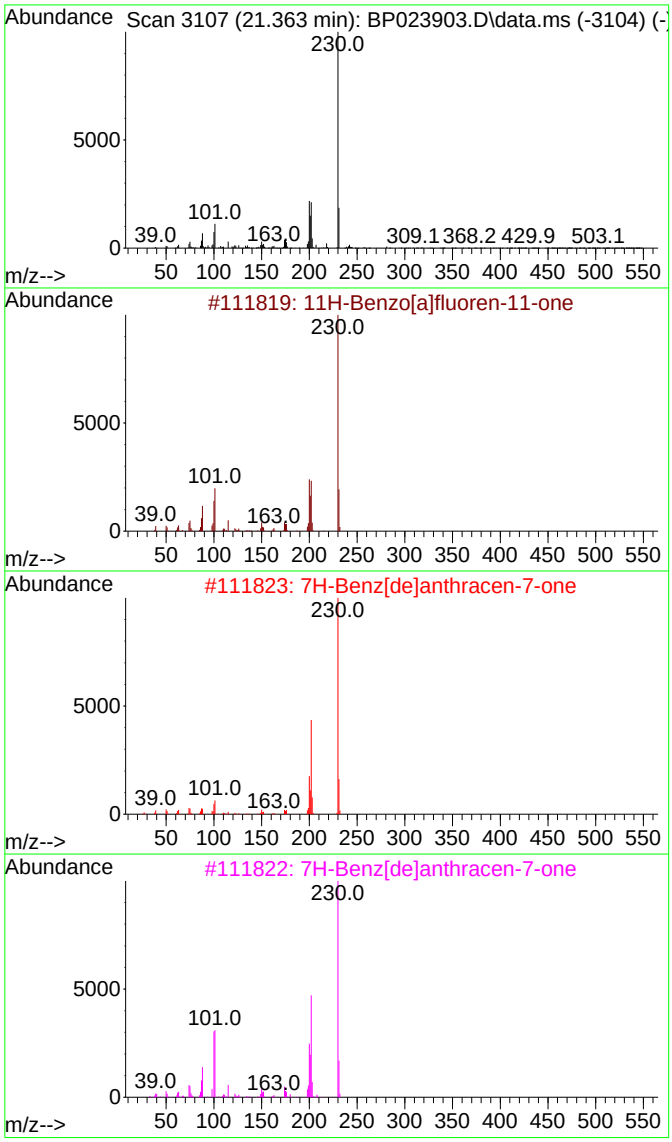
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

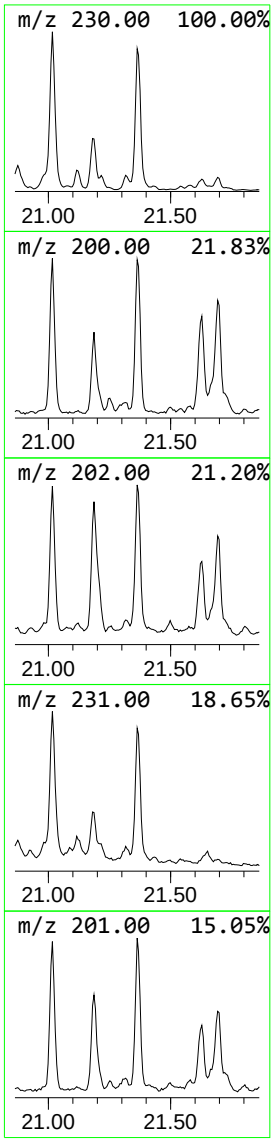
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.363	2.68 ng/ul	1984860	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.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	15.775	3.0	ng/ul	845250	3	14.393	5649910	20.0
Phenanthrene, 2...	18.104	5.7	ng/ul	1831940	4	17.204	6475420	20.0
Phenanthrene, 1...	18.157	8.6	ng/ul	2782650	4	17.204	6475420	20.0
Anthracene, 2-m...	18.339	4.1	ng/ul	1335020	4	17.204	6475420	20.0
Naphthalene, 2-...	18.622	4.0	ng/ul	1287230	4	17.204	6475420	20.0
9,10-Anthracene...	18.657	4.6	ng/ul	1492760	4	17.204	6475420	20.0
Phenanthrene, 2...	19.057	4.4	ng/ul	1410380	4	17.204	6475420	20.0
Phenanthrene, 3...	19.116	2.7	ng/ul	866470	4	17.204	6475420	20.0
Cyclopenta(def)...	19.198	6.0	ng/ul	1933660	4	17.204	6475420	20.0
Pyrene, 1-methyl-	20.045	2.4	ng/ul	1759570	5	21.639	14810300	20.0
11H-Benzo[b]flu...	20.216	2.5	ng/ul	1819090	5	21.639	14810300	20.0
Pyrene, 2-methyl-	20.386	2.2	ng/ul	1632030	5	21.639	14810300	20.0
11H-Benzo[a]flu...	21.016	2.4	ng/ul	1764960	5	21.639	14810300	20.0
Benzo[b]naphtho...	21.204	2.1	ng/ul	1575440	5	21.639	14810300	20.0
7H-Benz[de]anth...	21.363	2.7	ng/ul	1984860	5	21.639	14810300	20.0