LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025819.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	9	13	26	rVB	1640992	1958088	18.23%	1.290%
2	5.390	410	417	430	rBV	2543675	4013820	37.37%	2.644%
3	6.961	676	684	709	rBV	2229765	4233303	39.42%	2.788%
4	7.755	810	819	829	rBV	787451	1274894	11.87%	0.840%
5	8.896	1005	1013	1029	rBV	1416310	2716263	25.29%	1.789%
6	10.519	1281	1289	1306	rBV	907998	1767467	16.46%	1.164%
7	12.984	1700	1708	1723	rBV	3406139	5628723	52.41%	3.707%
8	13.831	1848	1852	1861	rVB	78502	148685	1.38%	0.098%
9	14.101	1891	1898	1910	rBV	387693	745209	6.94%	0.491%
10	14.378	1938	1945	1952	rBV	1302497	2218838	20.66%	1.461%
11	14.443	1952	1956	1965	rVB	218294	349951	3.26%	0.230%
12	14.790	2010	2015	2022	rBV	90969	141484	1.32%	0.093%
13	14.995	2044	2050	2055	rBV4	66557	137927	1.28%	0.091%
14	15.266	2089	2096	2101	rVV2	67034	143429	1.34%	0.094%
15	15.443	2120	2126	2139	rVB	222179	438132	4.08%	0.289%
16	15.654	2158	2162	2167	rBV4	58948	109012	1.02%	0.072%
17	15.760	2173	2180	2193	rVB	579435	966360	9.00%	0.636%
18	15.901	2198	2204	2212	rBV	3062125	4539440	42.27%	2.990%
19	16.131	2237	2243	2252	rVB5	120269	299315	2.79%	0.197%
20	16.342	2275	2279	2286	rVB	118447	165455	1.54%	0.109%
21	16.831	2358	2362	2369	rVB2	112332	176844	1.65%	0.116%
22	16.995	2386	2390	2397	rVB2	210153	329808	3.07%	0.217%
23	17.089	2402	2406	2414	rVB3	78014	159046	1.48%	0.105%
24	17.178	2416	2421	2425	rBV	1727864	2554068	23.78%	1.682%
25	17.225	2425	2429	2435	rVB	3000528	4414527	41.11%	2.908%
26	17.319	2440	2445	2451	rVV	1125165	1881157	17.52%	1.239%
27	17.384	2452	2456	2462	rVB4	170658	332845	3.10%	0.219%
28	17.601	2488	2493	2502	rVB	356440	525084	4.89%	0.346%
29	17.719	2508	2513	2519	rVV2	114488	222345	2.07%	0.146%
30	17.778	2520	2523	2532	rVB3	139391	254534	2.37%	0.168%
31	18.036	2557	2567	2568	rBV4	194458	464891	4.33%	0.306%
32	18.084	2568	2575	2578	rVV	693296	1547539	14.41%	1.019%
33	18.119	2578	2581	2594	rVV2	1907986	3839888	35.75%	2.529%
34	18.225	2596	2599	2604	rVV	324918	543170	5.06%	0.358%
35	18.295	2604	2611	2614	rVV2	920878	1909511	17.78%	1.258%
36	18.325	2614	2616	2621	rVB	468474	632018	5.88%	0.416%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.425	2630	2633	2636	rBV3	96021	119205	1.11%	0.079%
38	18.501	2643	2646	2650	rBV3	137986	206428	1.92%	0.136%
39	18.601	2659	2663	2667	rBV	480570	629953	5.87%	0.415%
40	18.648	2667	2671	2679	rVB3	485505	846640	7.88%	0.558%
41	18.754	2685	2689	2692	rBV3	145727	240401	2.24%	0.158%
42	18.795	2693	2696	2700	rBV3	191318	272965	2.54%	0.180%
43	18.866	2706	2708	2711	rVB	205872	200291	1.86%	0.132%
44	18.913	2713	2716	2720	rVV	331721	417422	3.89%	0.275%
45	18.954	2720	2723	2726	rVB	250274	304372	2.83%	0.200%
46	19.036	2732	2737	2742	rBV	584013	1023956	9.53%	0.674%
47	19.107	2742	2749	2751	rBV5	333658	671991	6.26%	0.443%
48	19.178	2758	2761	2762	rBV	228382	295575	2.75%	0.195%
49	19.195	2762	2764	2769	rVB2	675887	949084	8.84%	0.625%
50	19.319	2779	2785	2792	rBV	7880809	10739597	100.00%	7.074%
51	19.419	2799	2802	2805	rBV2	190268	239257	2.23%	0.158%
52	19.472	2805	2811	2816	rVV3	499884	1176794	10.96%	0.775%
53	19.572	2826	2828	2831	rVB	355150	340462	3.17%	0.224%
54	19.601	2831	2833	2837	rVB2	436483	416187	3.88%	0.274%
55	19.660	2839	2843	2845	rBV2	1032707	1472375	13.71%	0.970%
56	19.695	2845	2849	2856	rVB	7787621	10086218	93.92%	6.643%
57	19.766	2858	2861	2862	rBV2	203250	227473	2.12%	0.150%
58	19.848	2870	2875	2876	rBV	643360	842553	7.85%	0.555%
59	19.907	2880	2885	2890	rVB	5432144	7927212	73.81%	5.221%
60	20.036	2899	2907	2912	rBV3	821000	2124356	19.78%	1.399%
61	20.101	2916	2918	2920	rBV	303307	258747	2.41%	0.170%
62	20.213	2935	2937	2942	rVB	1048853	1352392	12.59%	0.891%
63	20.313	2951	2954	2958	rBV	823952	1092405	10.17%	0.720%
64	20.372	2961	2964	2970	rVB3	971037	1636543	15.24%	1.078%
65	20.525	2986	2990	2994	rBV	459622	610413	5.68%	0.402%
66	20.572	2995	2998	3002	rBV2	591341	892699	8.31%	0.588%
67	20.613	3003	3005	3007	rBV2	422245	339050	3.16%	0.223%
68	20.642	3007	3010	3014	rBV2	433997	776018	7.23%	0.511%
69	20.848	3041	3045	3058	rVB3	809461	2565449	23.89%	1.690%
70	21.013	3069	3073	3078	rVB	599395	777831	7.24%	0.512%
71	21.066	3080	3082	3084	rBV	409216	326988	3.04%	0.215%
72	21.119	3087	3091	3092	rBV3	1338834	1673711	15.58%	1.102%
73	21.242	3110	3112	3117	rVB	629471	653702	6.09%	0.431%
74	21.295	3117	3121	3127	rBV2	1147393	2043079	19.02%	1.346%
75	21.625	3171	3177	3184	rBV3	3561757	10292679	95.84%	6.779%
76	21.689	3184	3188	3200	rVB	3925416	8039960	74.86%	5.296%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.836	3209	3213	3216	rBV	599212	896495	8.35%	0.590%
78	21.913	3224	3226	3228	rBV2	292355	334229	3.11%	0.220%
79	21.948	3228	3232	3234	rVV	505554	741388	6.90%	0.488%
80	22.407	3307	3310	3315	rVB	548546	790719	7.36%	0.521%
81	22.683	3354	3357	3361	rVB3	564221	807361	7.52%	0.532%
82	23.942	3563	3571	3578	rBV	2363767	7447371	69.34%	4.905%
83	24.207	3613	3616	3617	rBV2	407394	440418	4.10%	0.290%
84	24.683	3693	3697	3711	rVB	1807805	5076388	47.27%	3.344%
85	24.860	3719	3727	3737	rVB2	1857480	5022933	46.77%	3.308%
86	25.007	3747	3752	3760	rVB2	934021	2280857	21.24%	1.502%
87	25.089	3764	3766	3773	rVB	450480	628347	5.85%	0.414%
88	26.818	4058	4060	4062	rBV2	230752	190920	1.78%	0.126%
89	28.824	4399	4401	4402	rBV2	342376	281189	2.62%	0.185%

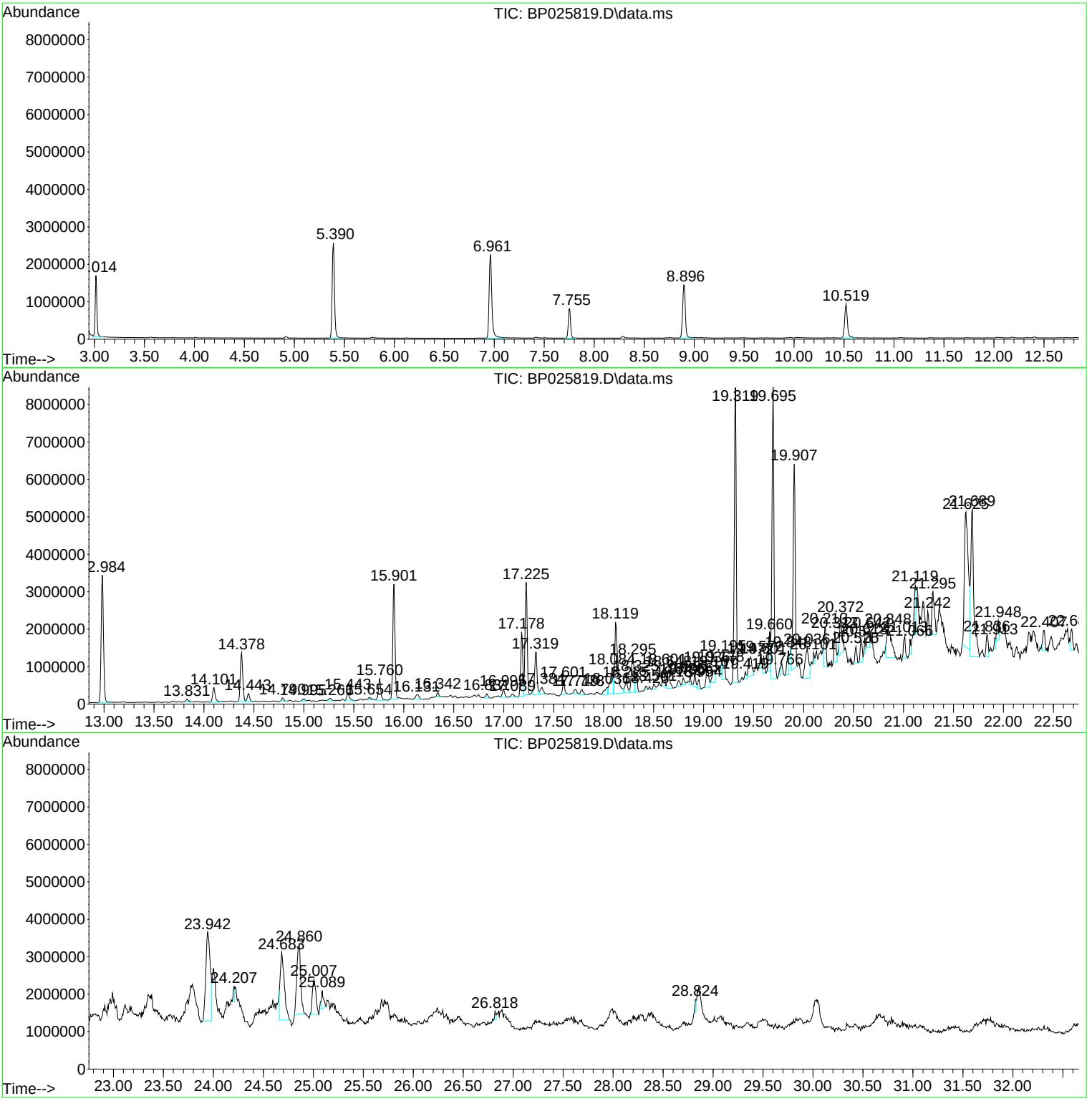
Sum of corrected areas: 151824118

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

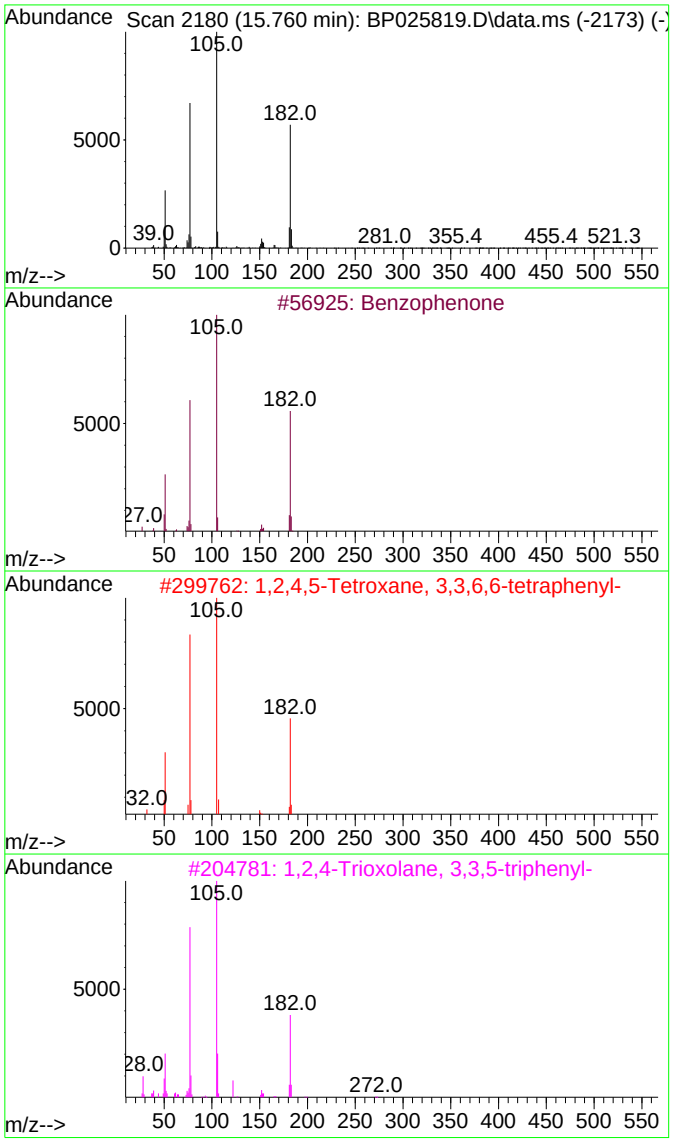
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

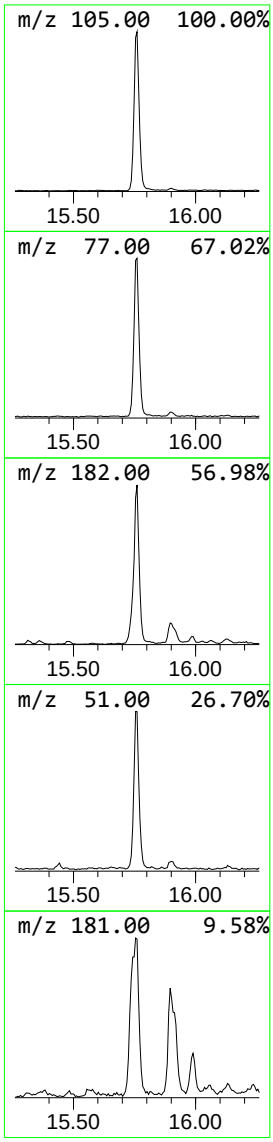
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	8.71 ng	966360	Acenaphthene-d10	14.378

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	74
4	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
5	Azobenzene	182	C12H10N2	000103-33-3	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

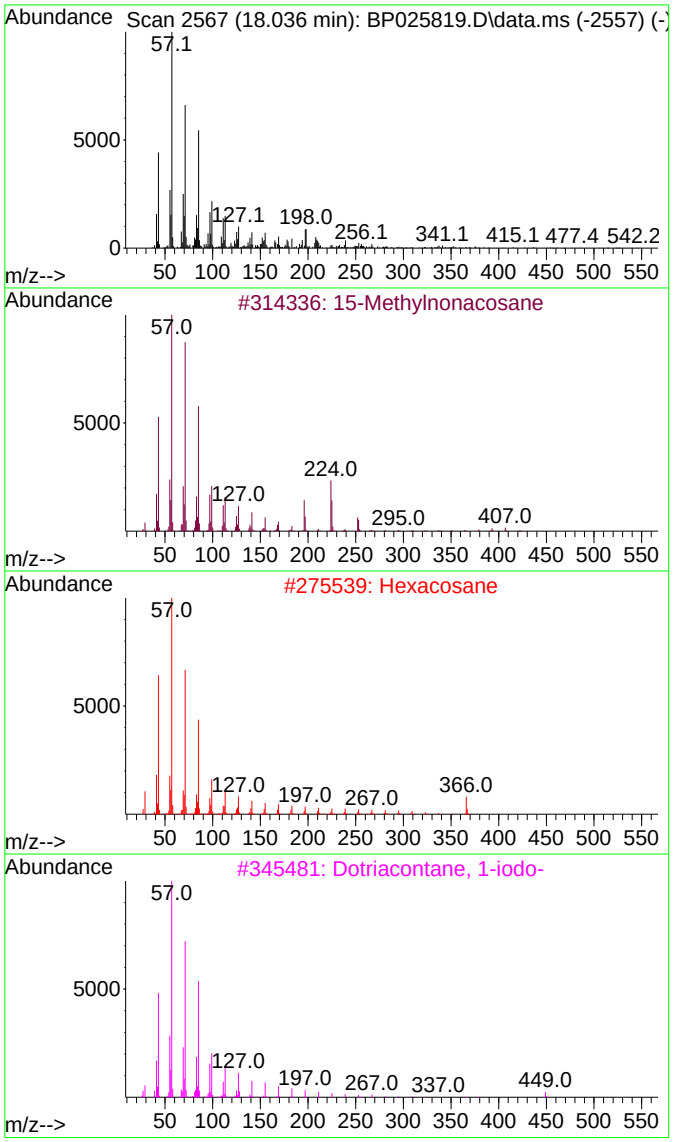
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

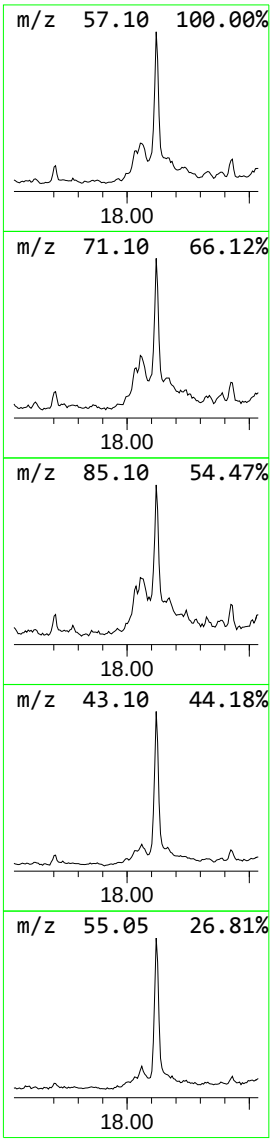
****

Peak Number 3 15-Methylnonacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.037	3.64 ng	464891	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Methylnonacosane	422	C30H62	065820-60-2	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
4	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

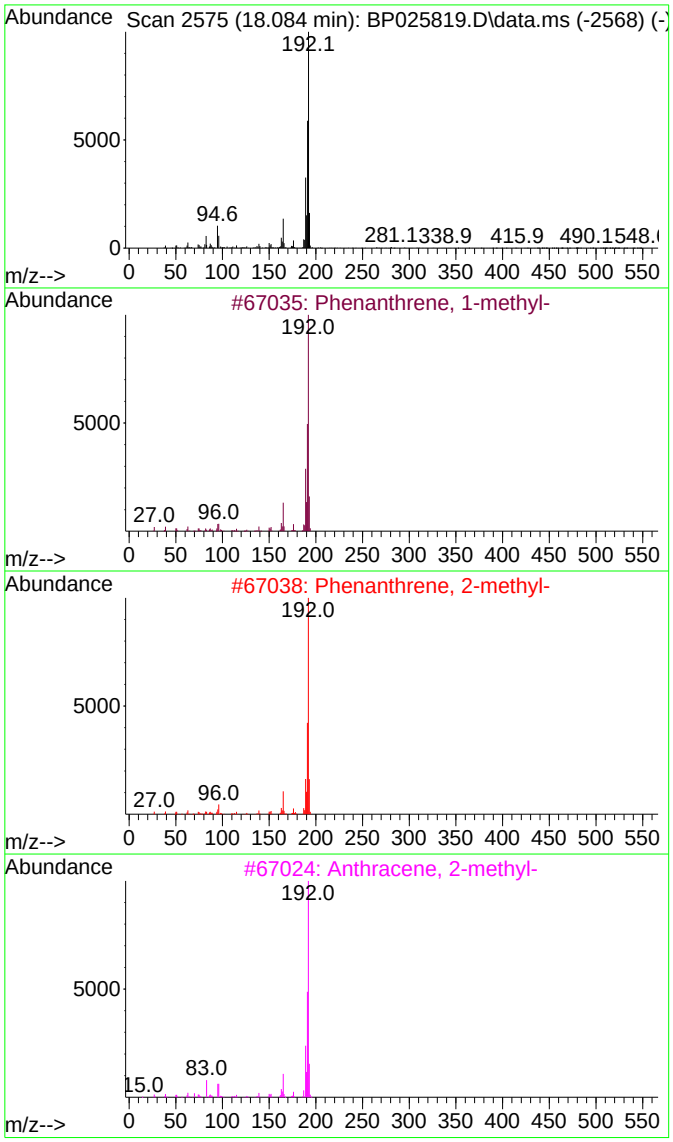
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

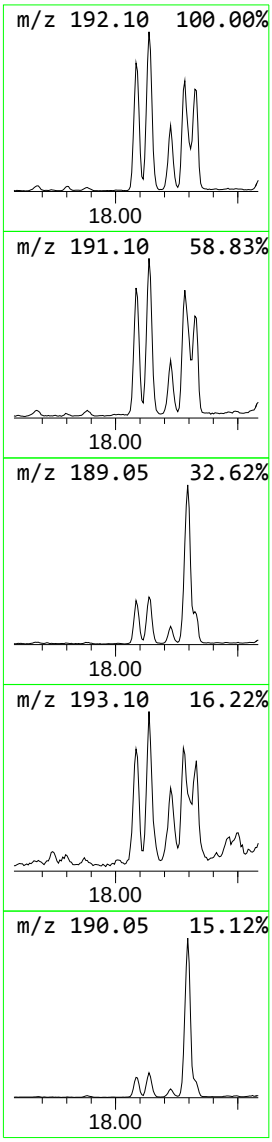
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.084	12.12 ng	1547540	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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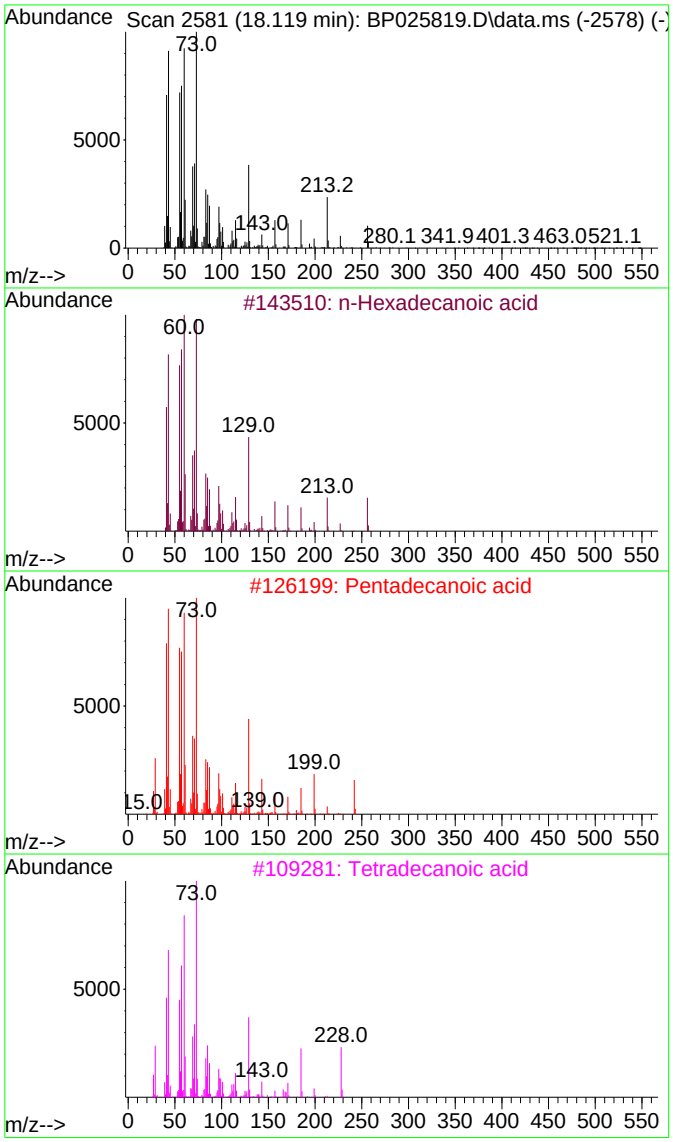
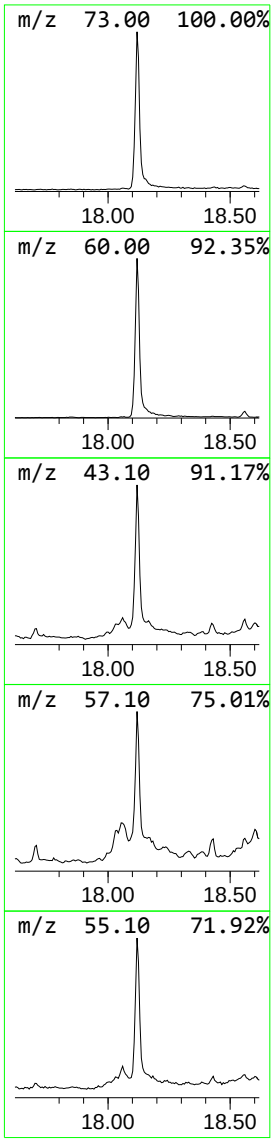
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	30.07 ng	3839890	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

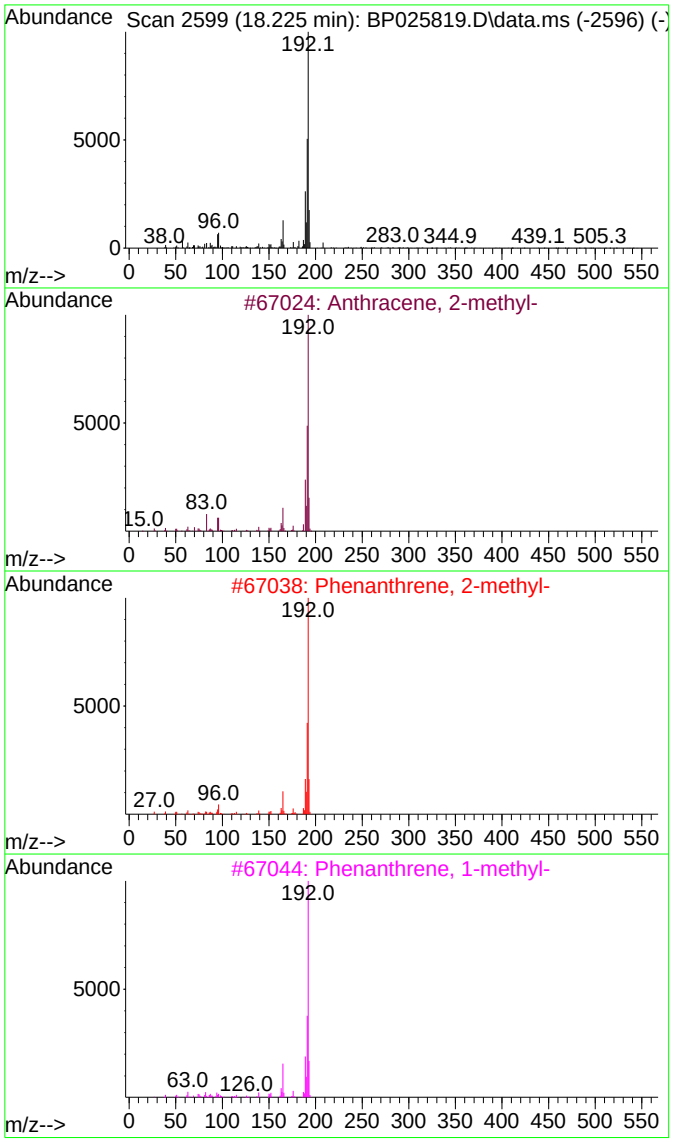
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

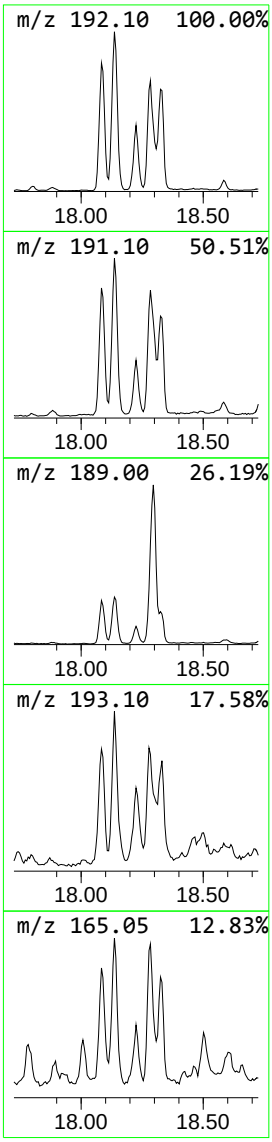
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.225	4.25 ng	543170	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092225\
Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

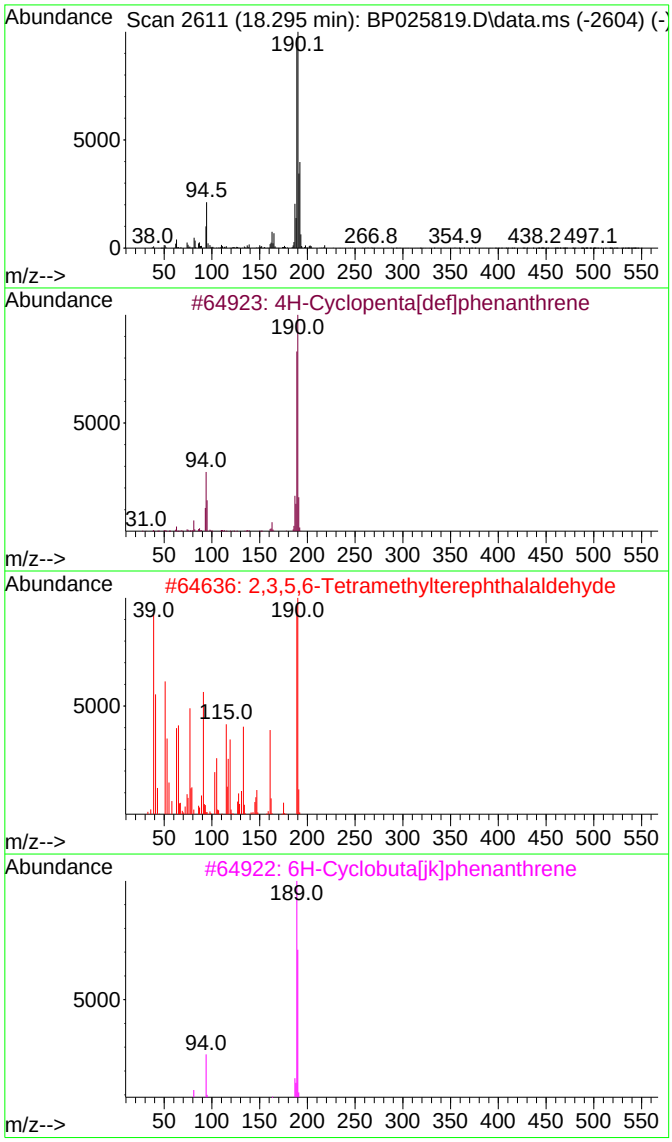
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

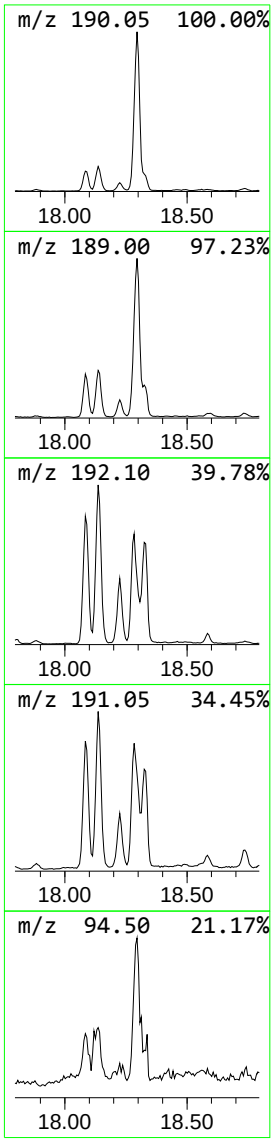
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.295	14.95 ng	1909510	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





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Data File : BP025819.D
Acq On : 22 Sep 2025 19:12
Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
361

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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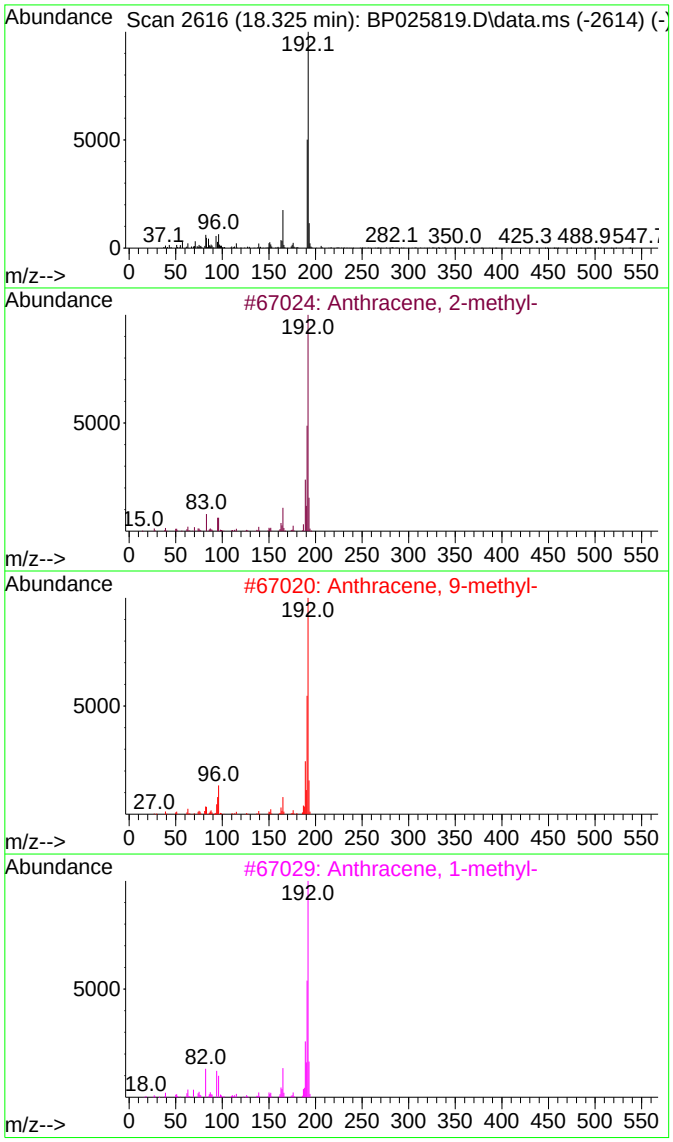
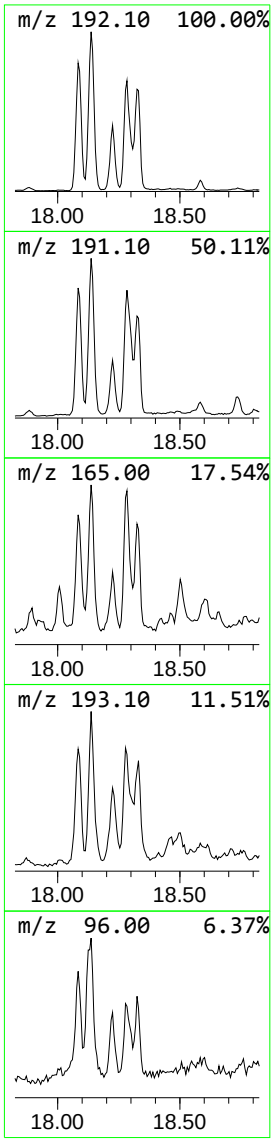
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	4.95 ng	632018	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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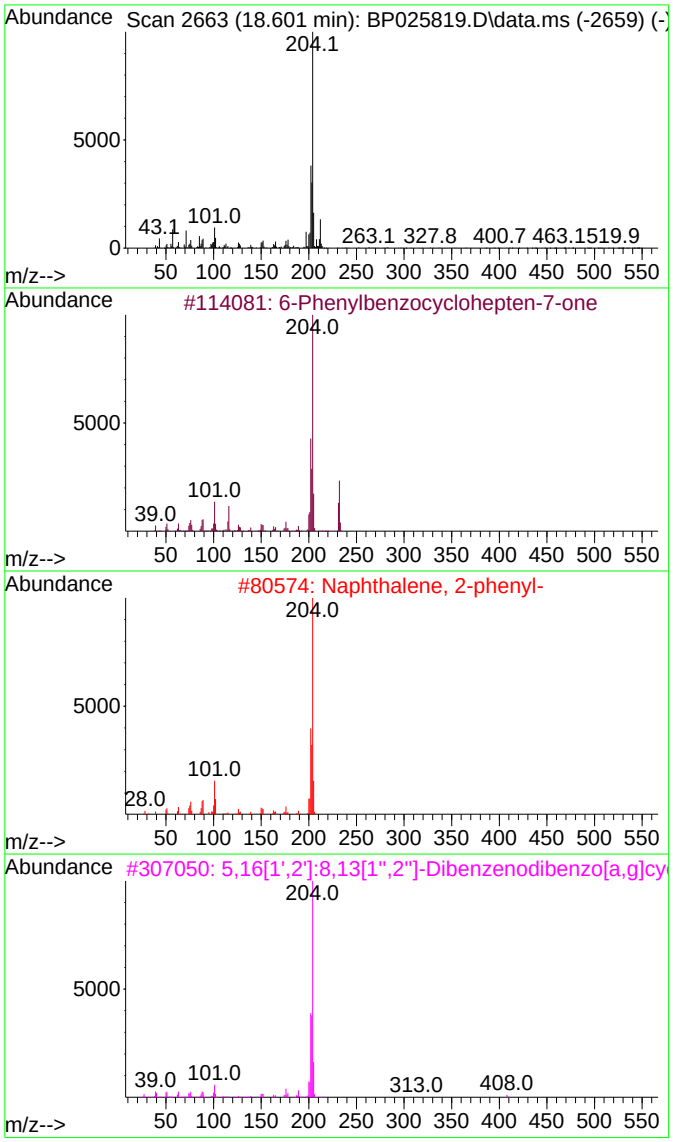
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

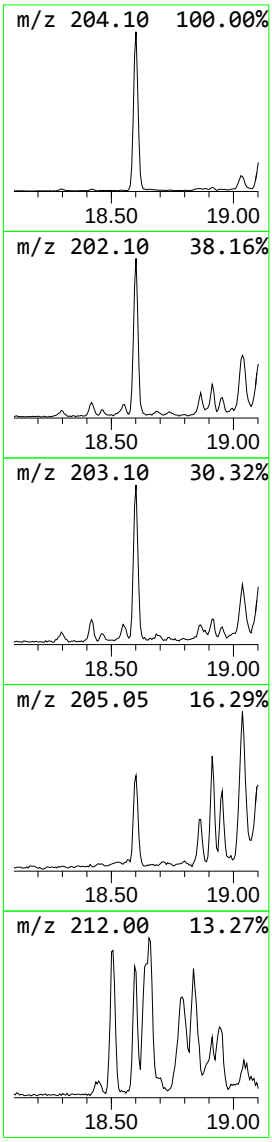
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 6-Phenylbenzocyclohepten-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.601	4.93 ng	629953	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	78
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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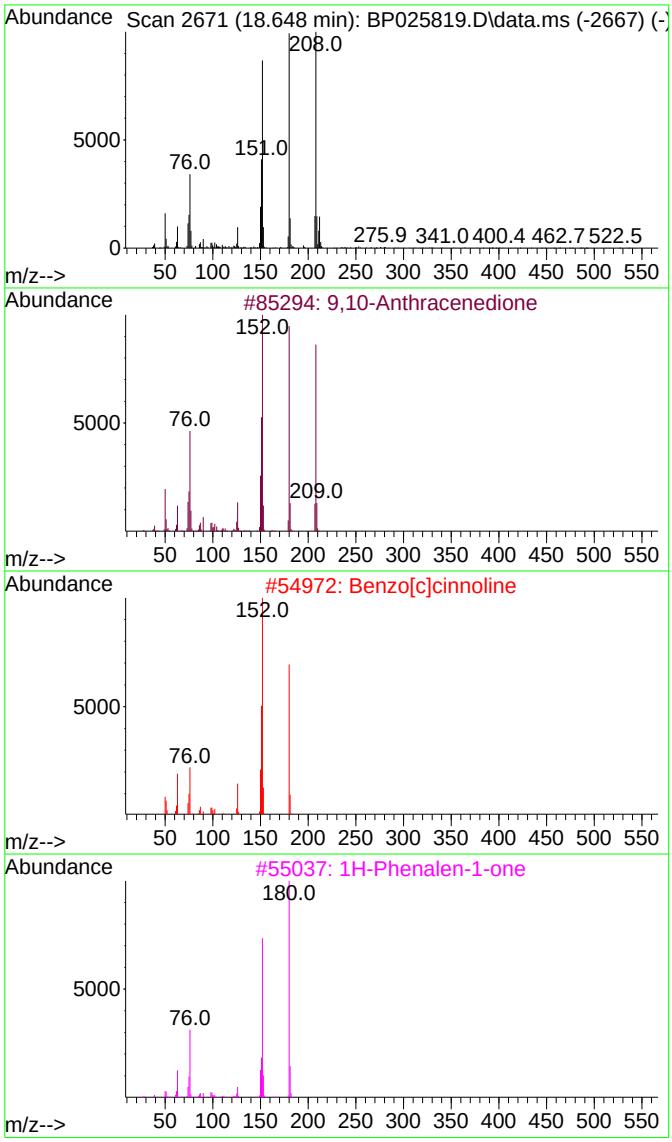
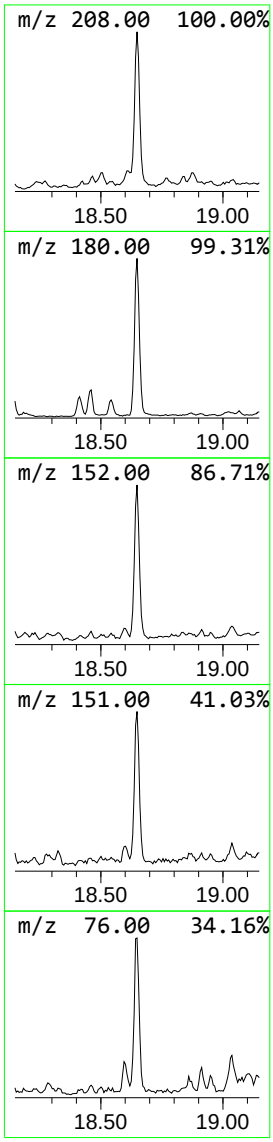
Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	6.63 ng	846640	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	87
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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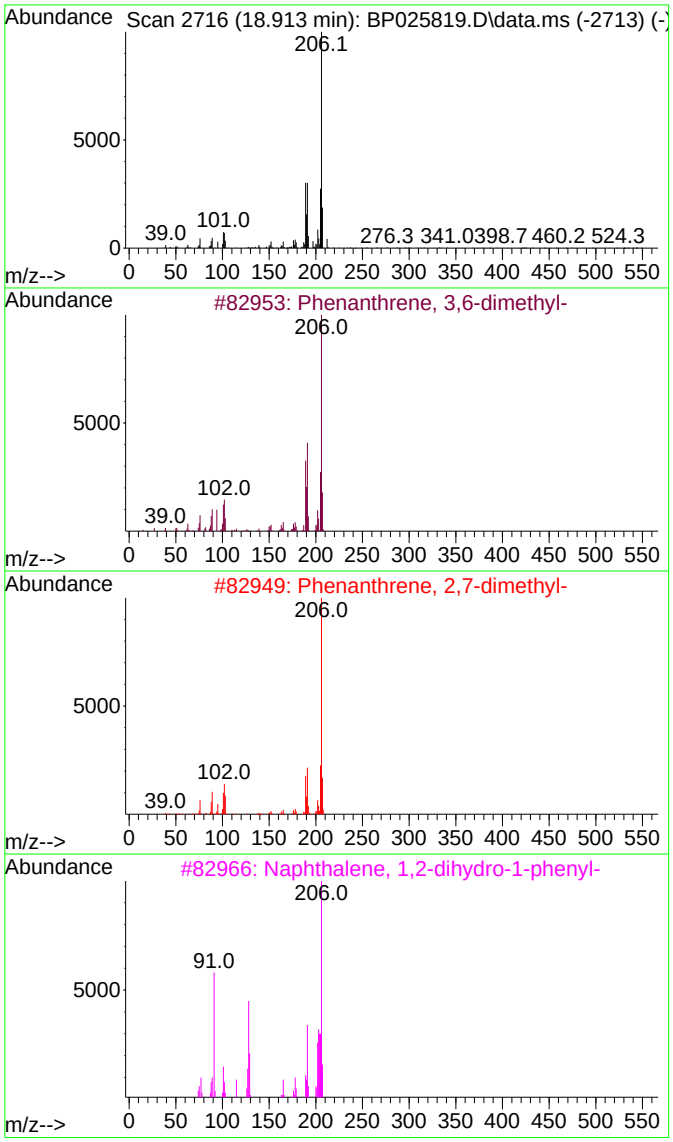
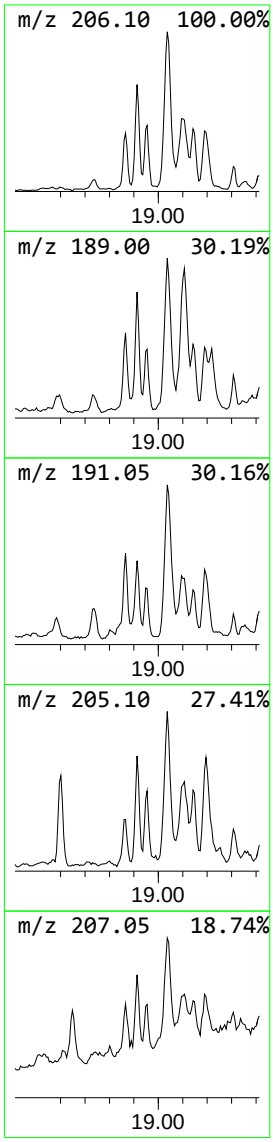
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.913	3.27 ng	417422	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	83
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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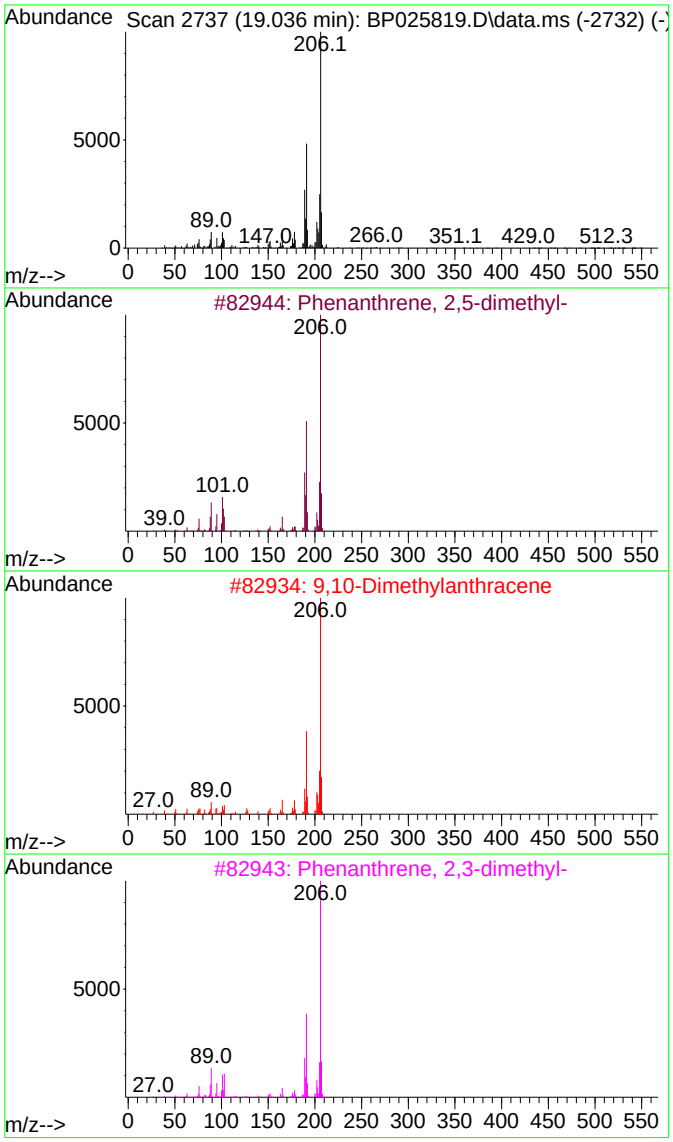
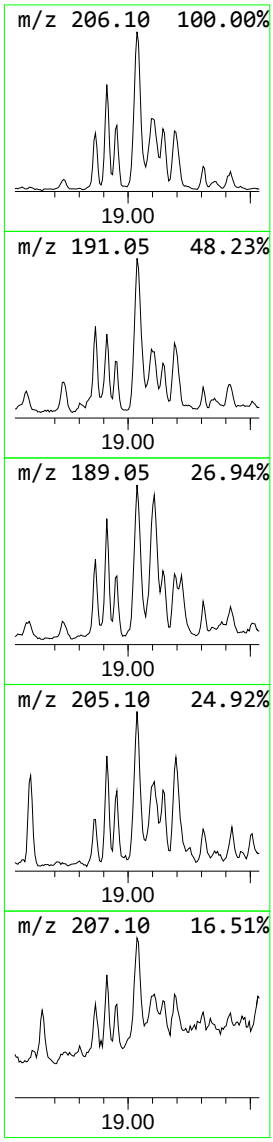
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.036	8.02 ng	1023960	Phenanthrene-d10	17.178

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	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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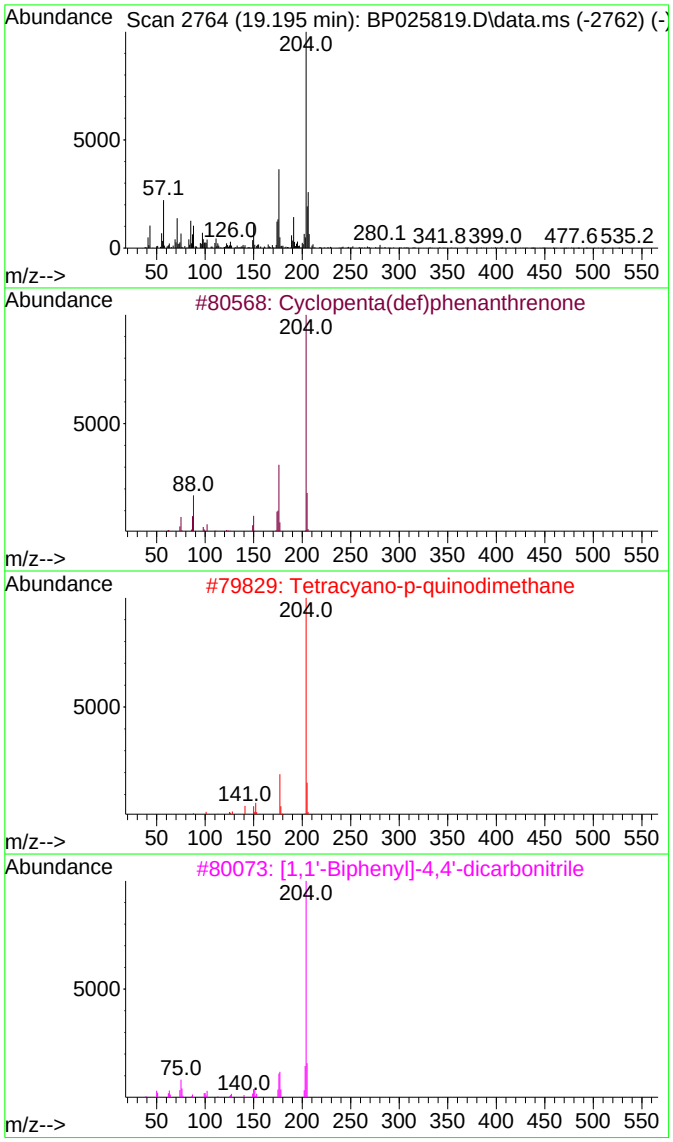
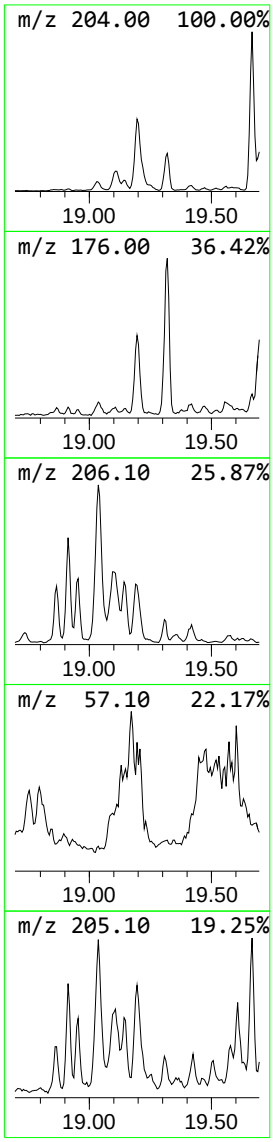
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.195	7.43 ng	949084	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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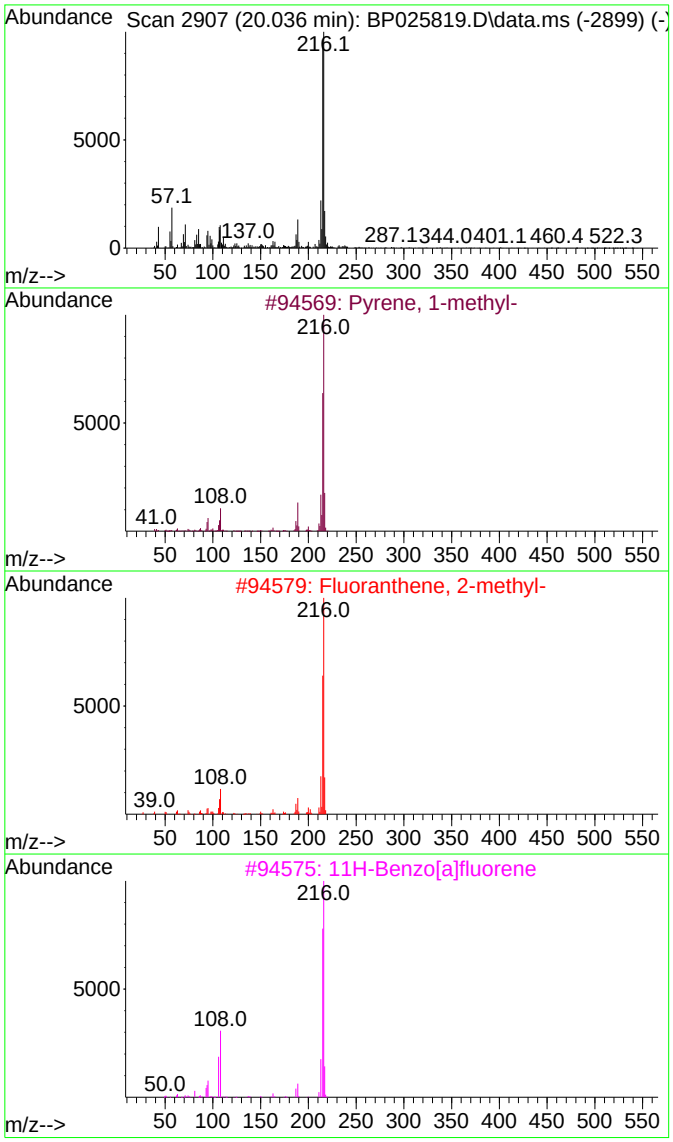
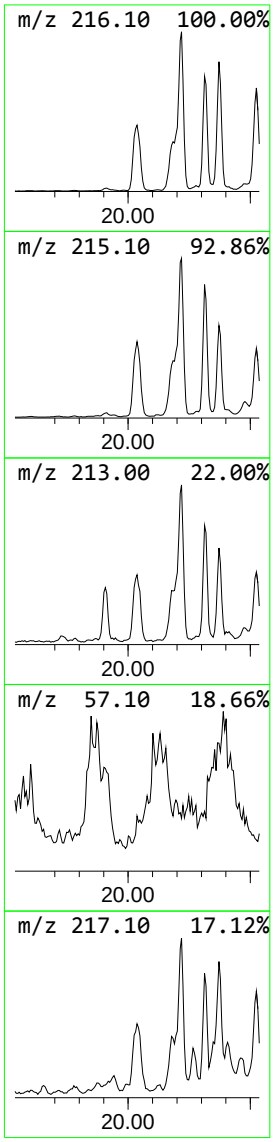
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.036	4.13 ng	2124360	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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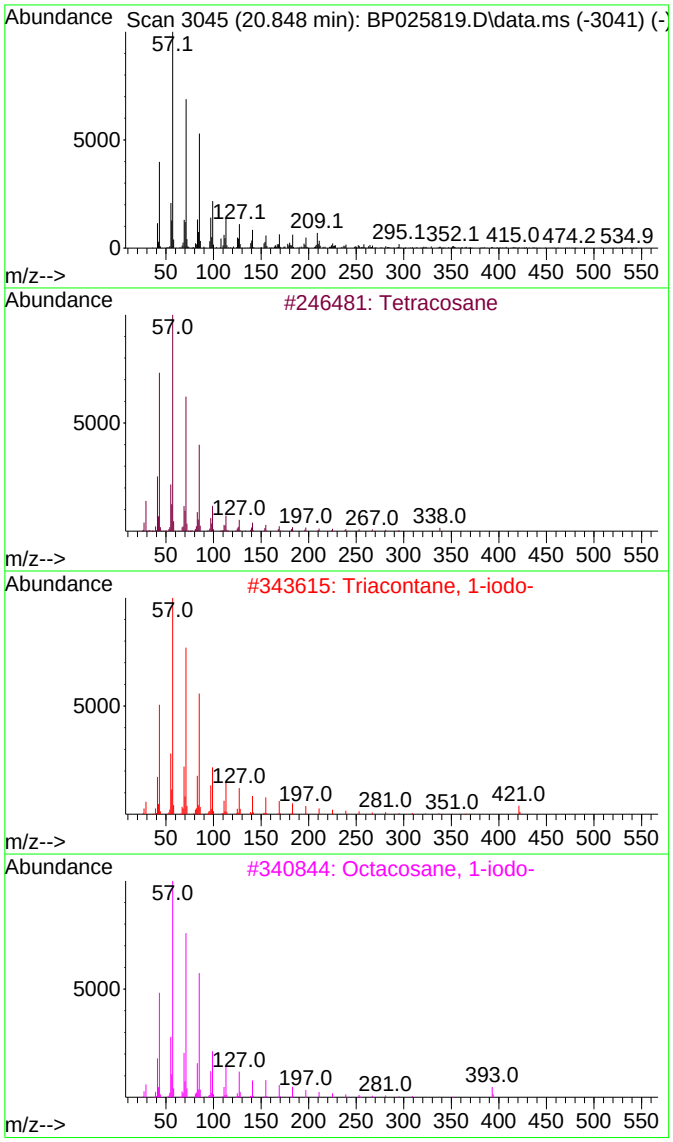
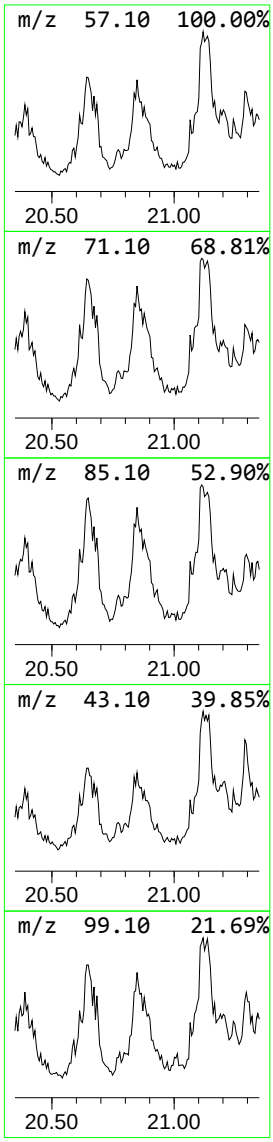
Peak Number 16 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.848	4.99 ng	2565450	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	95
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	94
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	94
5	Hexacosane	366	C26H54	000630-01-3	93





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ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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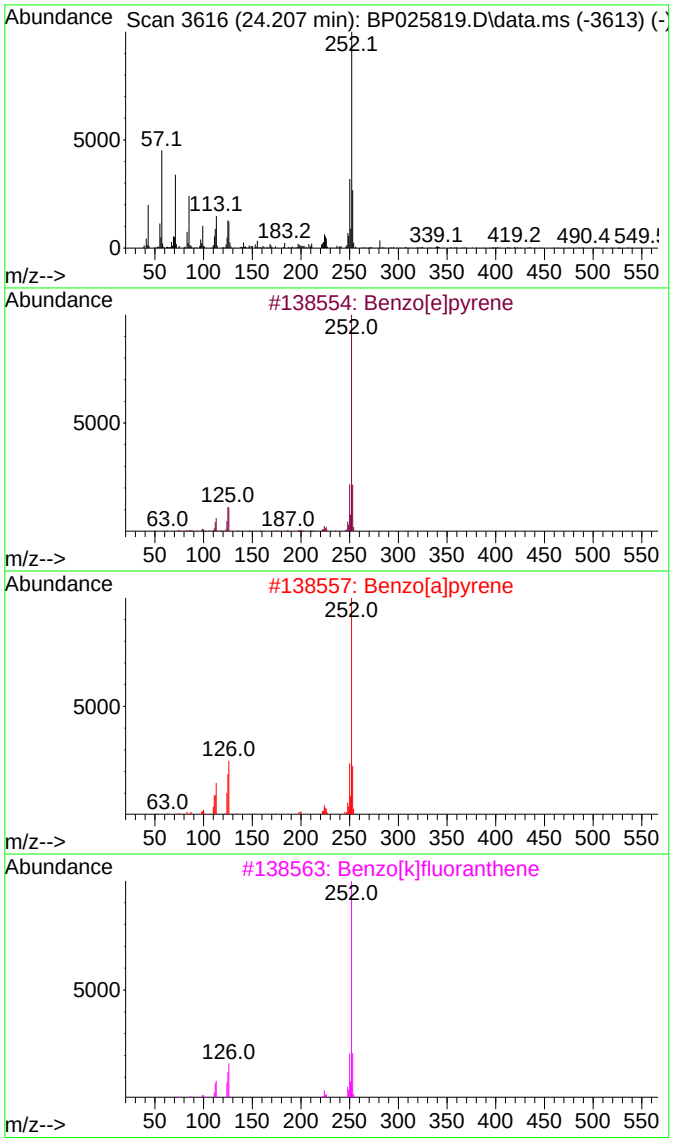
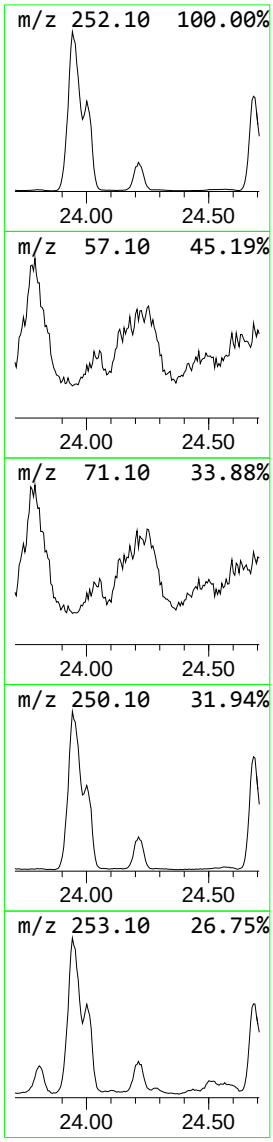
Peak Number 18 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.207	3.86 ng	440418	Perylene-d12	25.007

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	92
2	Benzo[a]pyrene	252	C20H12	000050-32-8	83
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	83
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	83
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	70





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ALS Vial : 11 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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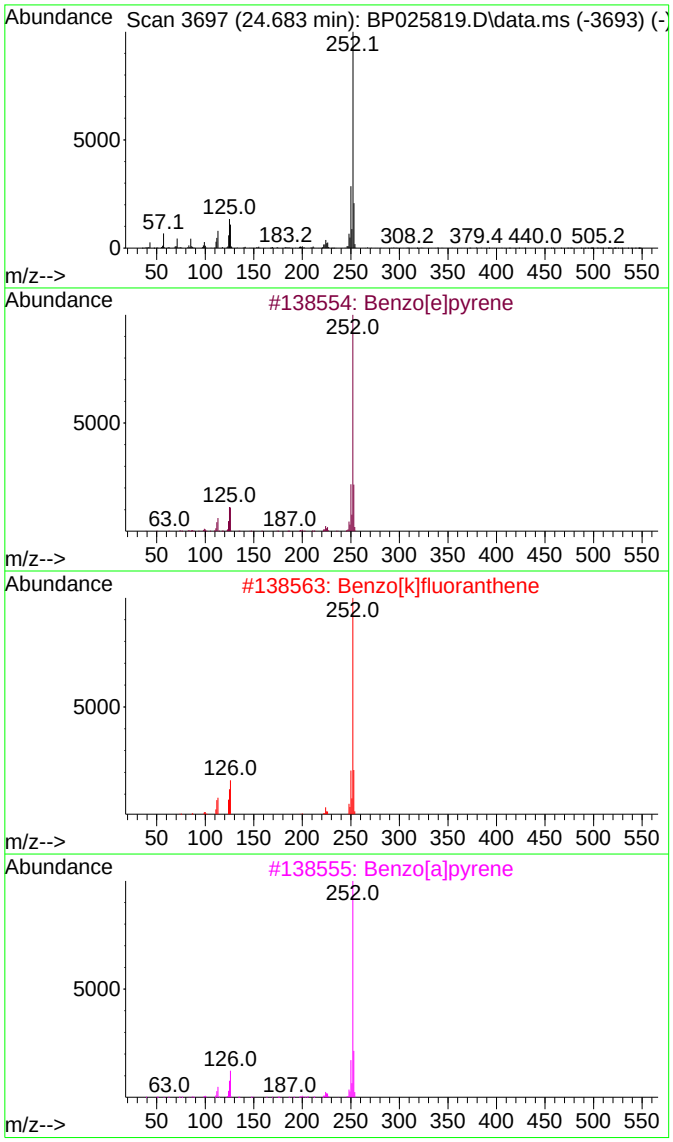
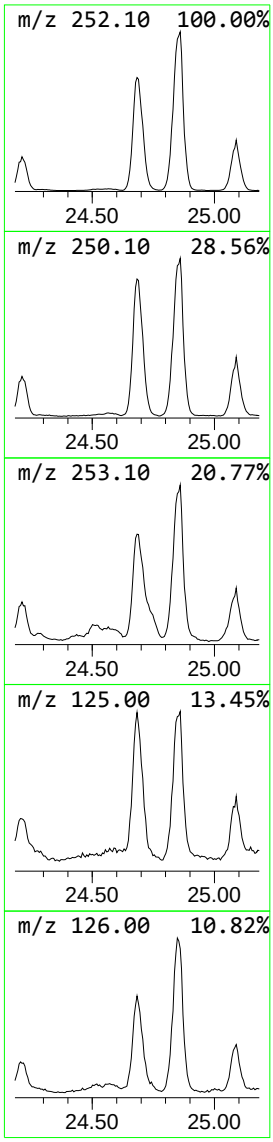
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.683	44.51 ng	5076390	Perylene-d12	25.007

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[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

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Data File : BP025819.D
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Operator : CG/JU
Sample : Q3133-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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	15.760	8.7	ng	966360	3	14.378	2218840	20.0
15-Methylnonaco...	18.037	3.6	ng	464891	4	17.178	2554070	20.0
Phenanthrene, 1...	18.084	12.1	ng	1547540	4	17.178	2554070	20.0
n-Hexadecanoic ...	18.119	30.1	ng	3839890	4	17.178	2554070	20.0
Anthracene, 2-m...	18.225	4.3	ng	543170	4	17.178	2554070	20.0
4H-Cyclopenta[d...	18.295	14.9	ng	1909510	4	17.178	2554070	20.0
Anthracene, 9-m...	18.325	5.0	ng	632018	4	17.178	2554070	20.0
6-Phenylbenzocy...	18.601	4.9	ng	629953	4	17.178	2554070	20.0
9,10-Anthracene...	18.648	6.6	ng	846640	4	17.178	2554070	20.0
Phenanthrene, 3...	18.913	3.3	ng	417422	4	17.178	2554070	20.0
Phenanthrene, 2...	19.036	8.0	ng	1023960	4	17.178	2554070	20.0
Cyclopenta(def)...	19.195	7.4	ng	949084	4	17.178	2554070	20.0
Pyrene, 1-methyl-	20.036	4.1	ng	2124360	5	21.642	10292700	20.0
Tetracosane	20.848	5.0	ng	2565450	5	21.642	10292700	20.0
Benzo[e]pyrene	24.207	3.9	ng	440418	6	25.007	2280860	20.0
Benzo[j]fluoran...	24.683	44.5	ng	5076390	6	25.007	2280860	20.0