LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-231

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP026130.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	394	401	412	rBV	3769213	5514770	41.74%	3.316%
2	6.849	657	665	684	rBV	3561434	5722456	43.32%	3.441%
3	7.672	798	805	813	rBV	1195690	1845949	13.97%	1.110%
4	8.807	991	998	1011	rBV	2185540	3610362	27.33%	2.171%
5	10.437	1267	1275	1282	rBV	1547469	2647022	20.04%	1.592%
6	12.331	1592	1597	1605	rVB	89708	140313	1.06%	0.084%
7	12.925	1690	1698	1717	rBV	5985934	8762758	66.33%	5.269%
8	13.631	1811	1818	1823	rBV2	105098	194301	1.47%	0.117%
9	14.031	1880	1886	1897	rBV	219878	392674	2.97%	0.236%
10	14.313	1925	1934	1941	rBV	2119908	3615415	27.37%	2.174%
11	14.384	1941	1946	1953	rVB	262712	406562	3.08%	0.244%
12	14.725	1998	2004	2012	rVB	143992	222349	1.68%	0.134%
13	15.384	2110	2116	2129	rVB	280697	459530	3.48%	0.276%
14	15.707	2163	2171	2181	rVB	745826	1195704	9.05%	0.719%
15	15.836	2186	2193	2204	rBV	4618075	6652086	50.35%	4.000%
16	16.072	2227	2233	2240	rBV4	168488	333240	2.52%	0.200%
17	16.283	2265	2269	2275	rVB	110906	153863	1.16%	0.093%
18	16.419	2281	2292	2297	rBV4	115619	263513	1.99%	0.158%
19	16.772	2347	2352	2361	rVB	180337	316009	2.39%	0.190%
20	16.936	2374	2380	2385	rVB	209724	330409	2.50%	0.199%
21	17.130	2407	2413	2416	rBV	2839778	4153485	31.44%	2.498%
22	17.172	2416	2420	2426	rVV	4026604	5381818	40.74%	3.236%
23	17.266	2430	2436	2441	rVV	542973	928991	7.03%	0.559%
24	17.325	2442	2446	2454	rVB3	134242	237691	1.80%	0.143%
25	17.542	2474	2483	2489	rBV	428339	869987	6.59%	0.523%
26	17.677	2502	2506	2509	rBV2	118169	159921	1.21%	0.096%
27	17.725	2509	2514	2520	rVB2	223313	376035	2.85%	0.226%
28	17.883	2536	2541	2546	rVB	162682	291863	2.21%	0.176%
29	18.030	2560	2566	2571	rVV	583517	1103775	8.36%	0.664%
30	18.089	2571	2576	2584	rVV	1956371	2926908	22.16%	1.760%
31	18.166	2586	2589	2594	rVV	198924	328330	2.49%	0.197%
32	18.236	2594	2601	2604	rVV2	963519	1780018	13.47%	1.070%
33	18.272	2604	2607	2614	rVB	480850	697225	5.28%	0.419%
34	18.395	2617	2628	2632	rVV6	103083	310853	2.35%	0.187%
35	18.454	2633	2638	2646	rVV8	483643	928221	7.03%	0.558%
36	18.554	2648	2655	2658	rVV2	463000	892634	6.76%	0.537%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.583	2658	2660	2669	rVB2	787886	1185144	8.97%	0.713%
38	18.777	2690	2693	2696	rBV2	100012	147662	1.12%	0.089%
39	18.813	2696	2699	2704	rVB2	154385	207330	1.57%	0.125%
40	18.866	2704	2708	2711	rBV	206074	254398	1.93%	0.153%
41	18.907	2711	2715	2718	rVB2	177912	240700	1.82%	0.145%
42	18.989	2719	2729	2734	rBV2	528058	1084998	8.21%	0.652%
43	19.054	2734	2740	2743	rBV4	224564	383936	2.91%	0.231%
44	19.130	2748	2753	2761	rVB4	384539	789342	5.98%	0.475%
45	19.260	2769	2775	2781	rBV	6827104	9245592	69.99%	5.560%
46	19.419	2798	2802	2806	rBV3	968896	1245861	9.43%	0.749%
47	19.466	2806	2810	2812	rVV2	125119	184992	1.40%	0.111%
48	19.513	2815	2818	2822	rVB	257993	314701	2.38%	0.189%
49	19.601	2827	2833	2834	rBV2	1203446	1659197	12.56%	0.998%
50	19.630	2834	2838	2843	rVB	6367415	8556676	64.77%	5.145%
51	19.724	2848	2854	2859	rVB2	325604	647929	4.90%	0.390%
52	19.830	2868	2872	2873	rBV	251806	315428	2.39%	0.190%
53	19.866	2873	2878	2889	rVB	9758906	13210653	100.00%	7.944%
54	19.977	2891	2897	2903	rBV4	493492	1192583	9.03%	0.717%
55	20.077	2910	2914	2917	rBV3	116922	213988	1.62%	0.129%
56	20.166	2918	2929	2933	rVB2	959119	2307378	17.47%	1.387%
57	20.260	2941	2945	2949	rBV	623743	719238	5.44%	0.433%
58	20.319	2951	2955	2959	rVV2	774190	1134910	8.59%	0.682%
59	20.360	2960	2962	2967	rVB2	228262	284462	2.15%	0.171%
60	20.471	2977	2981	2985	rBV	626396	770799	5.83%	0.464%
61	20.524	2985	2990	2993	rVV	432106	651968	4.94%	0.392%
62	20.719	3018	3023	3026	rBV2	242365	399342	3.02%	0.240%
63	20.836	3040	3043	3050	rVB	331901	583075	4.41%	0.351%
64	20.942	3057	3061	3070	rVB	575427	921702	6.98%	0.554%
65	21.142	3088	3095	3099	rBV3	733784	1453354	11.00%	0.874%
66	21.183	3099	3102	3106	rVV	619678	846493	6.41%	0.509%
67	21.230	3106	3110	3112	rVV	619269	1058090	8.01%	0.636%
68	21.266	3113	3116	3130	rVB4	865207	2262553	17.13%	1.361%
69	21.518	3155	3159	3160	rBV2	306661	411315	3.11%	0.247%
70	21.560	3160	3166	3172	rVV2	4215668	10964840	83.00%	6.593%
71	21.618	3172	3176	3186	rVB	2838898	5188057	39.27%	3.120%
72	21.771	3198	3202	3206	rBV	357185	538699	4.08%	0.324%
73	21.983	3234	3238	3247	rBV2	471685	953270	7.22%	0.573%
74	22.407	3307	3310	3317	rVB2	557057	898909	6.80%	0.541%
75	22.518	3325	3329	3337	rVB3	468623	1001044	7.58%	0.602%
76	22.883	3387	3391	3404	rVB2	792189	1499085	11.35%	0.901%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

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-BP102925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.007	3408	3412	3420	rVV2	333434	685940	5.19%	0.412%
78	23.842	3545	3554	3563	rBV2	2545314	8692741	65.80%	5.227%
79	24.118	3596	3601	3605	rBV2	518598	1144157	8.66%	0.688%
80	24.589	3673	3681	3695	rVB2	1458256	4352103	32.94%	2.617%
81	24.736	3698	3706	3718	rVV	1575455	4424633	33.49%	2.661%
82	24.901	3726	3734	3742	rBV	1789158	4968659	37.61%	2.988%
83	28.653	4369	4372	4388	rVB3	605635	1952813	14.78%	1.174%

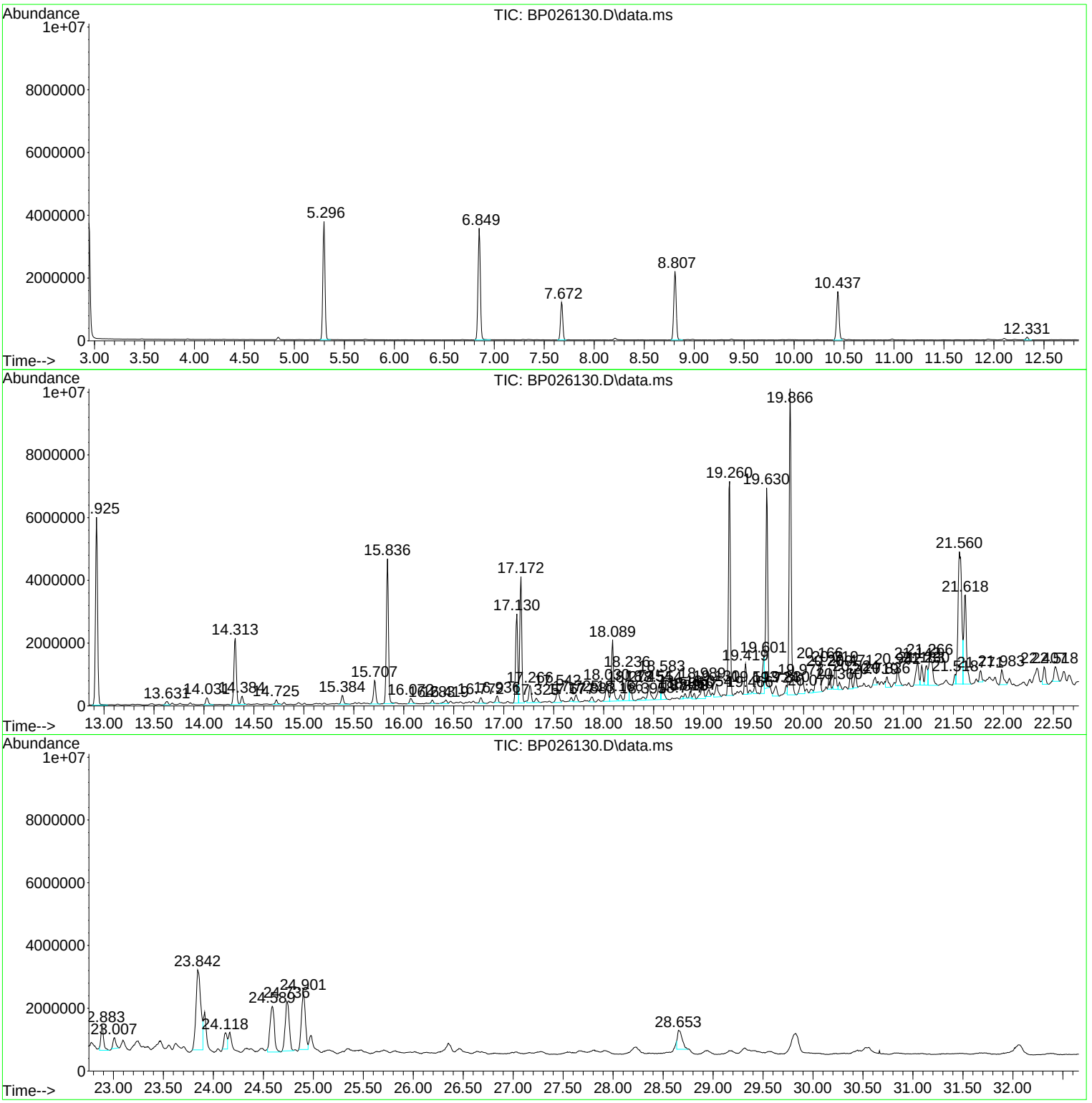
Sum of corrected areas: 166297779

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

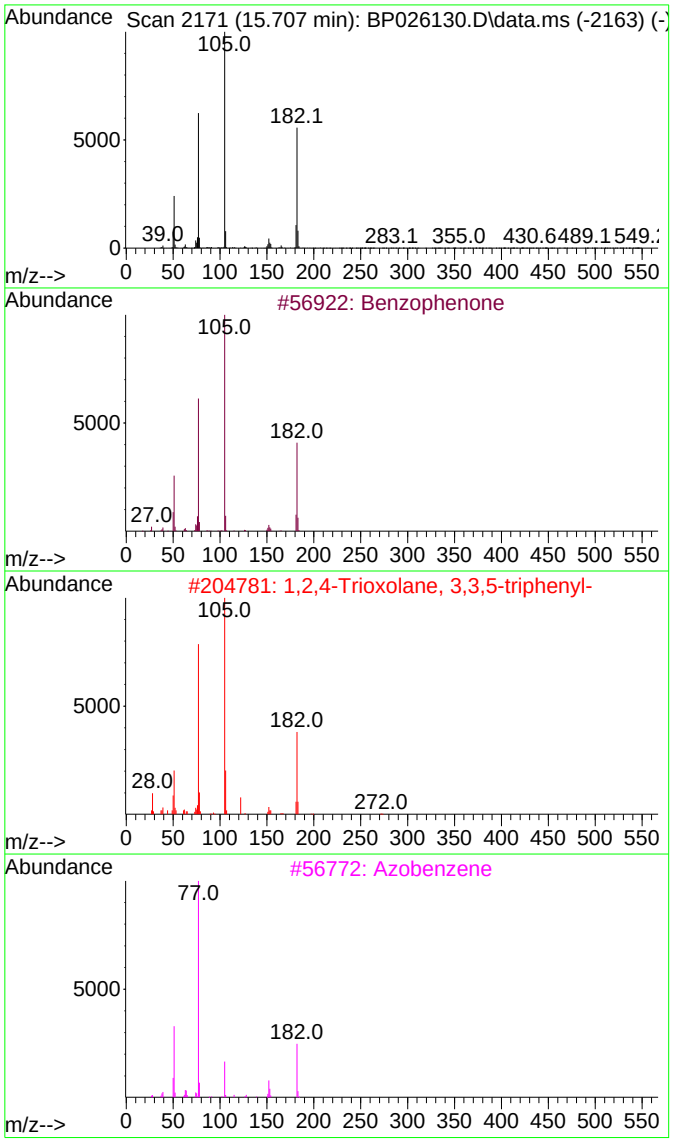
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

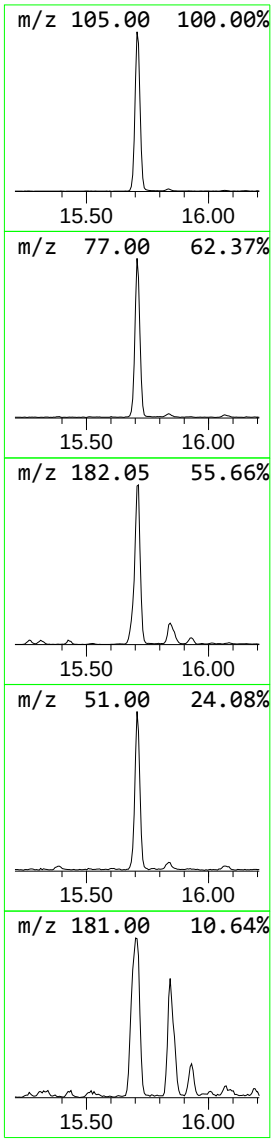
****

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.707	6.61 ng	1195700	Acenaphthene-d10	14.313

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	56
3	Azobenzene	182	C12H10N2	000103-33-3	53
4	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	42
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

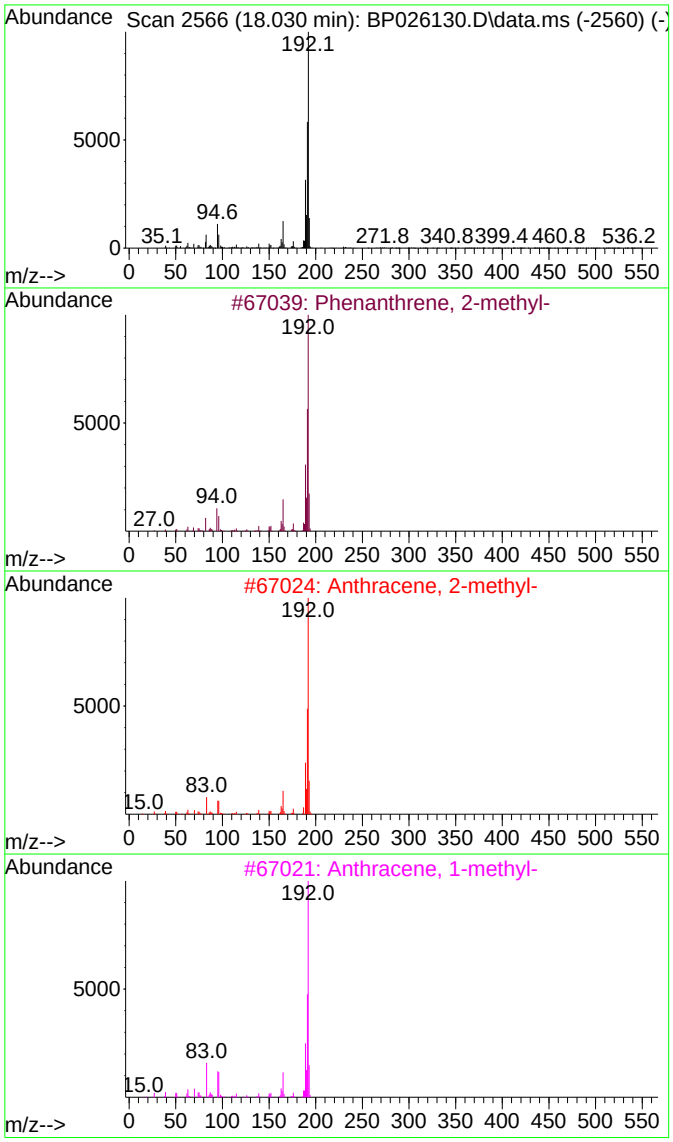
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

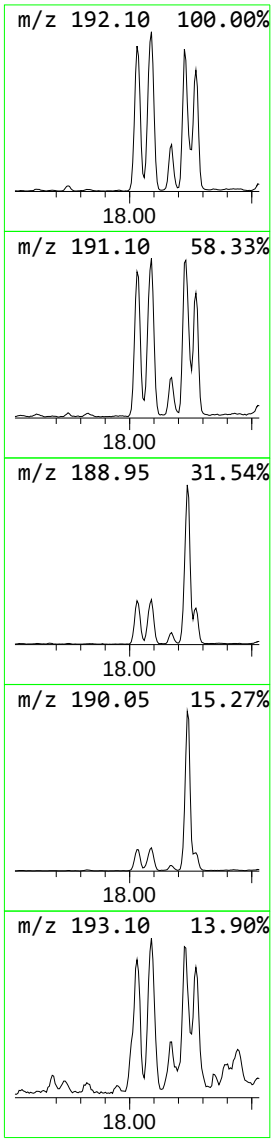
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	5.31 ng	1103780	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

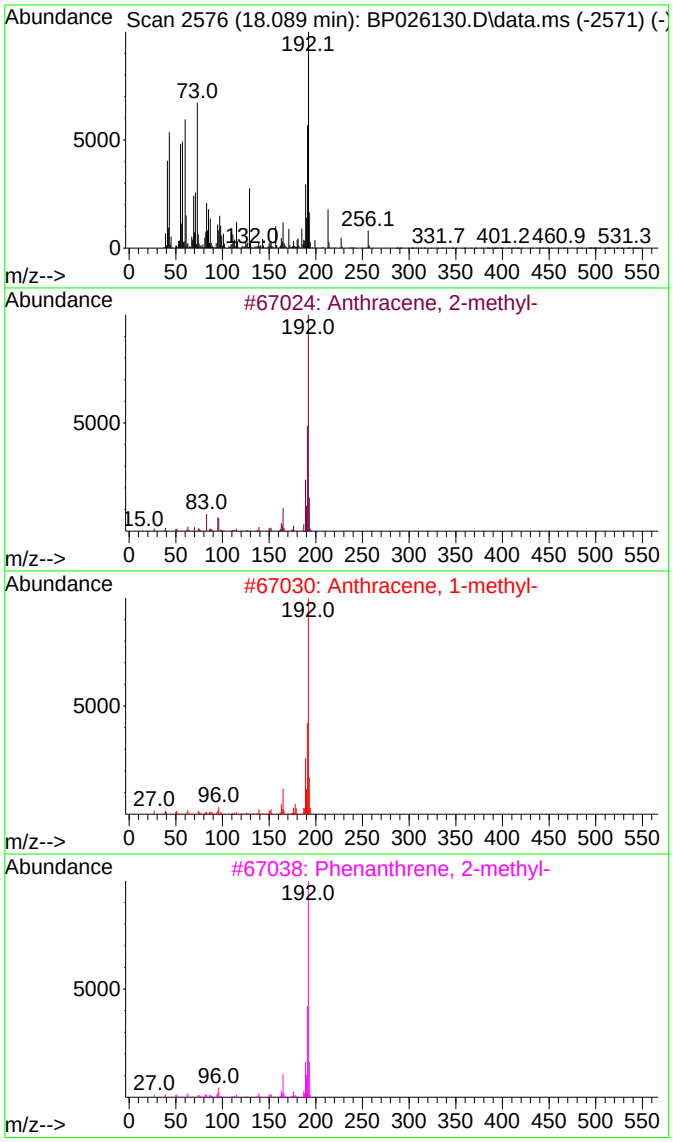
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

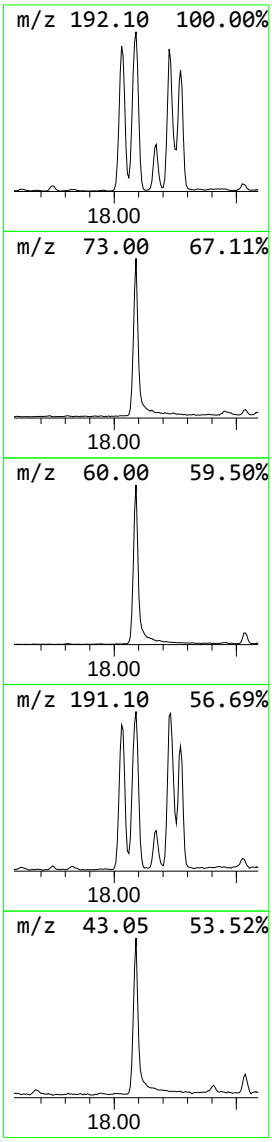
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	14.09 ng	2926910	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

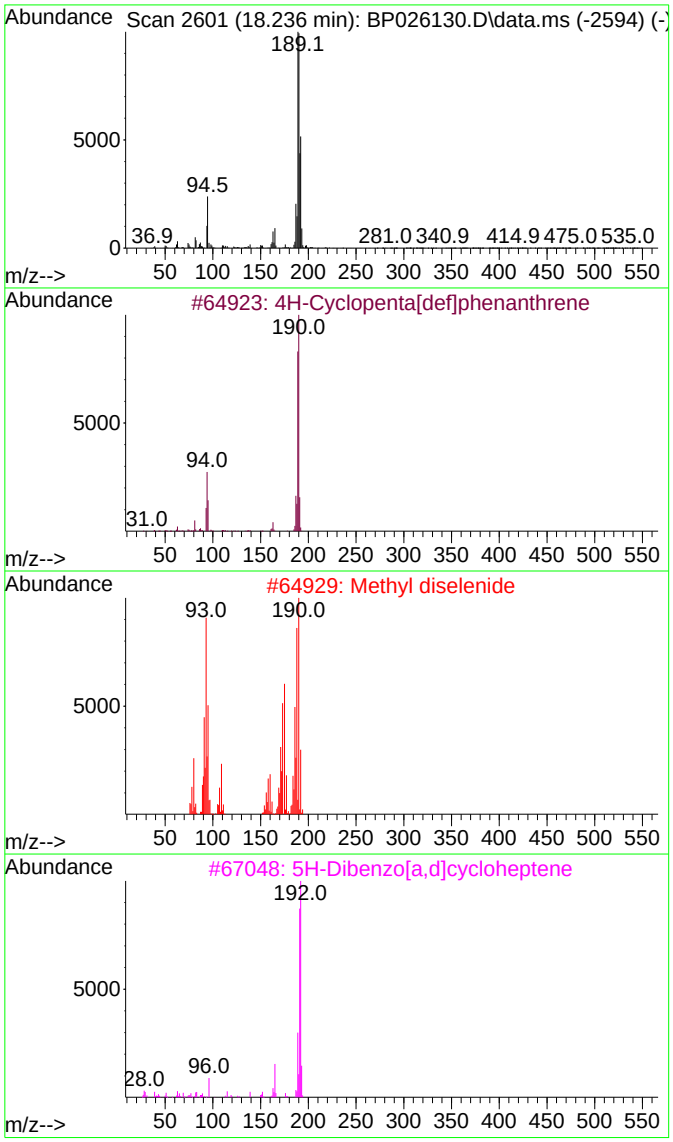
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

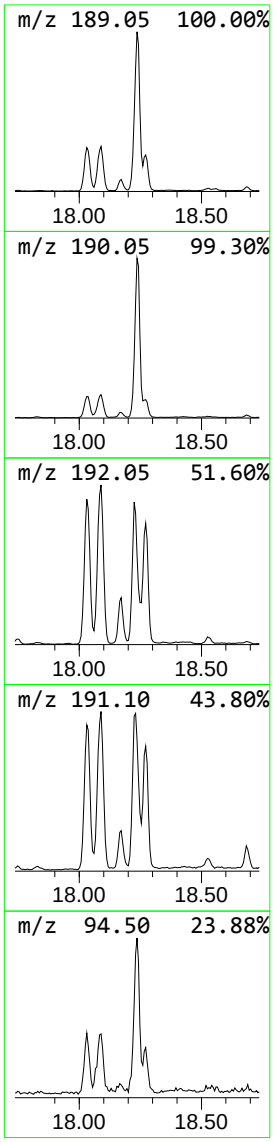
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.236	8.57 ng	1780020	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	38
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

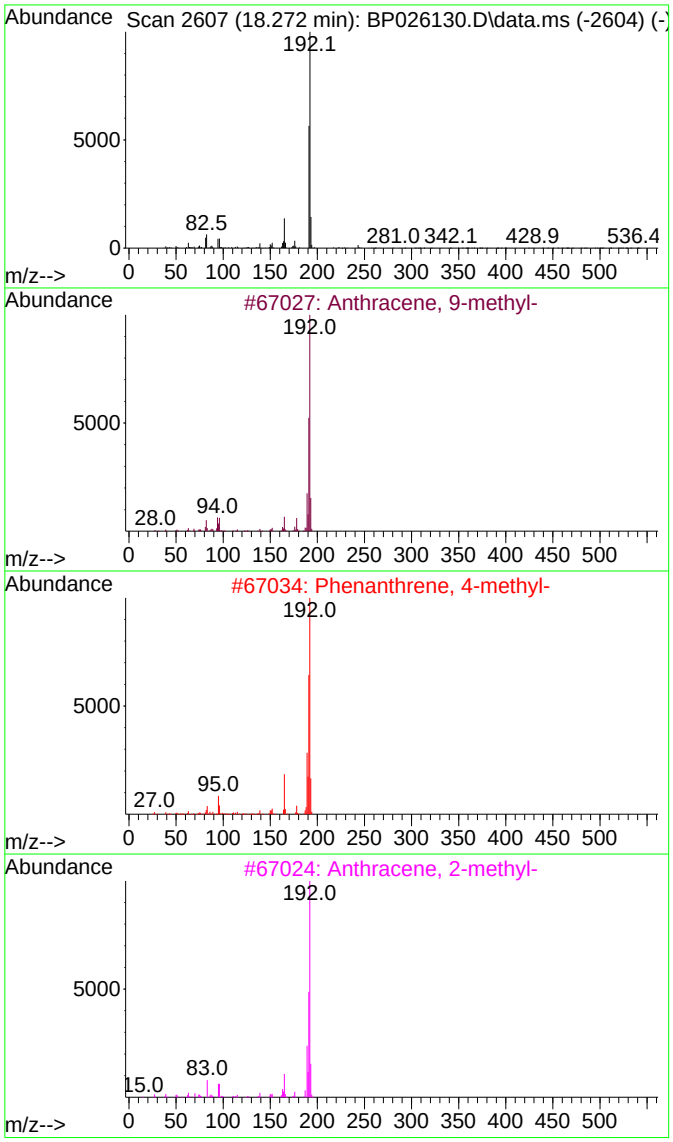
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

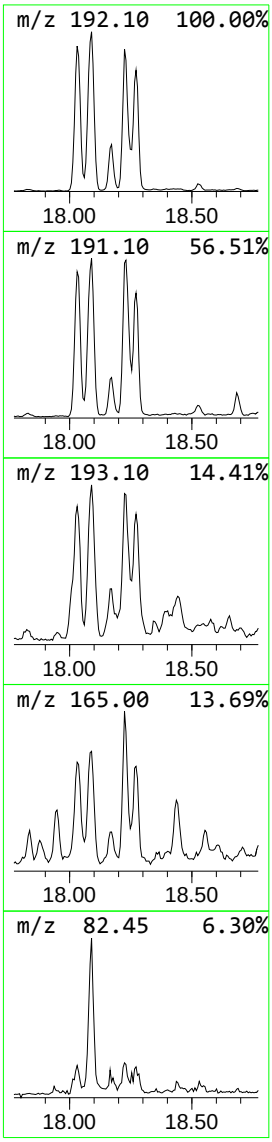
****

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.272	3.36 ng	697225	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

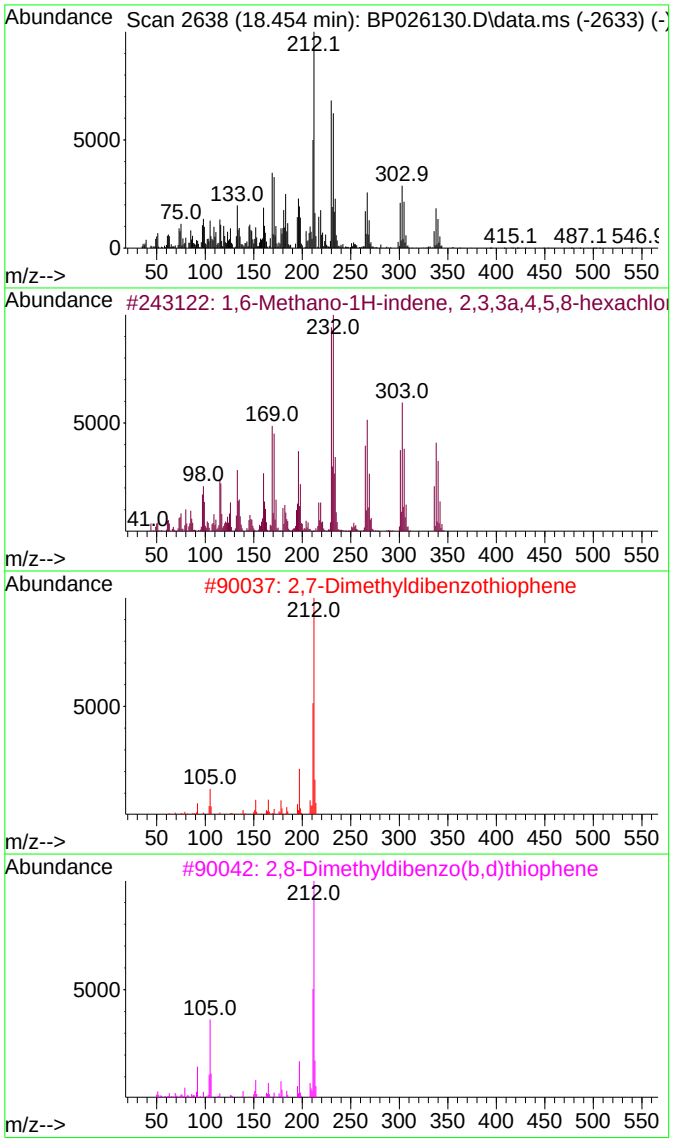
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

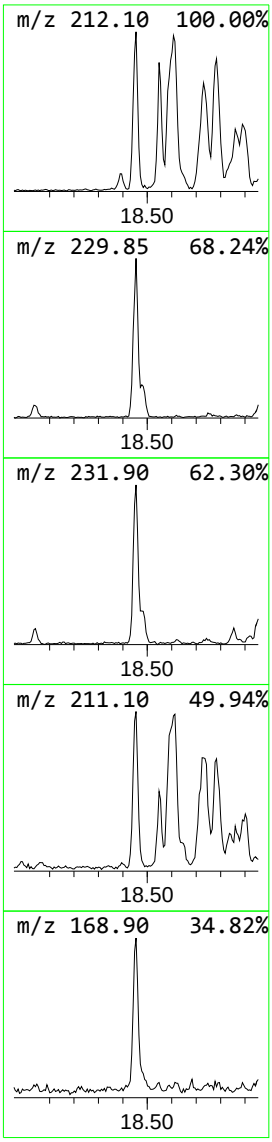
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,6-Methano-1H-indene, 2,3,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.454	4.47 ng	928221	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Methano-1H-indene, 2,3,3a,4,...	336	C10H6Cl6	056641-38-4	97
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	86
3	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	83
4	.alpha.-Chlordene	336	C10H6Cl6	056534-02-2	60
5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	55





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Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-231

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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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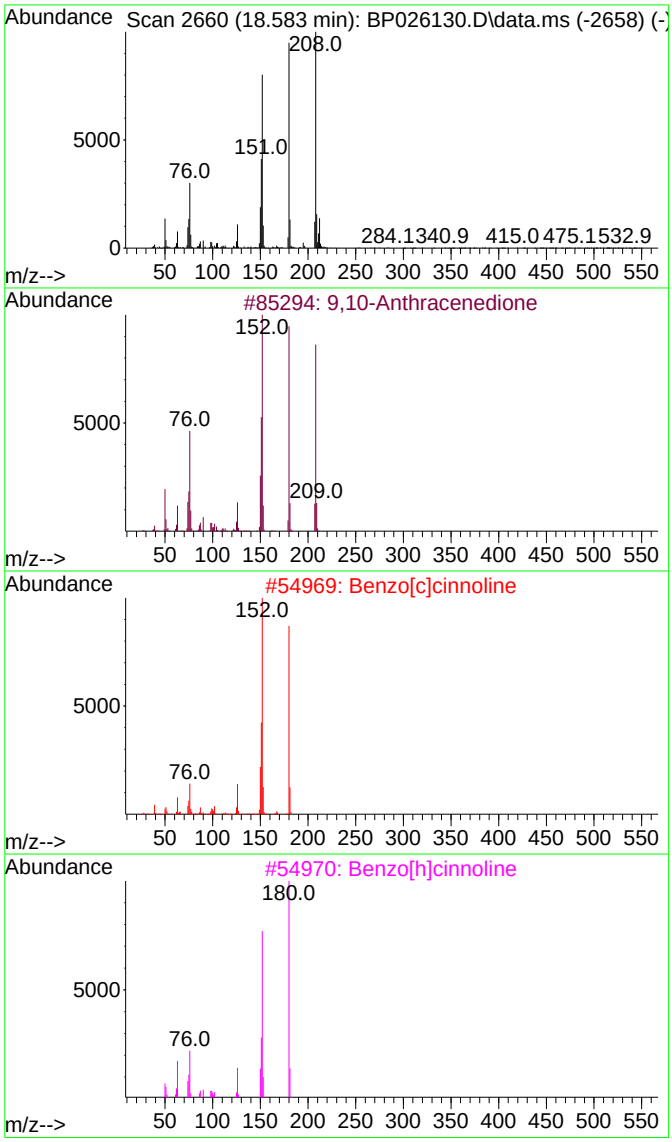
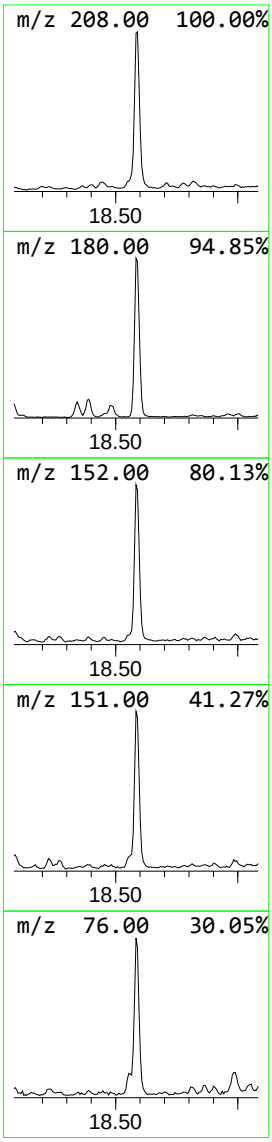
Peak Number 9 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.583	5.71 ng	1185140	Phenanthrene-d10	17.131

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	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	52





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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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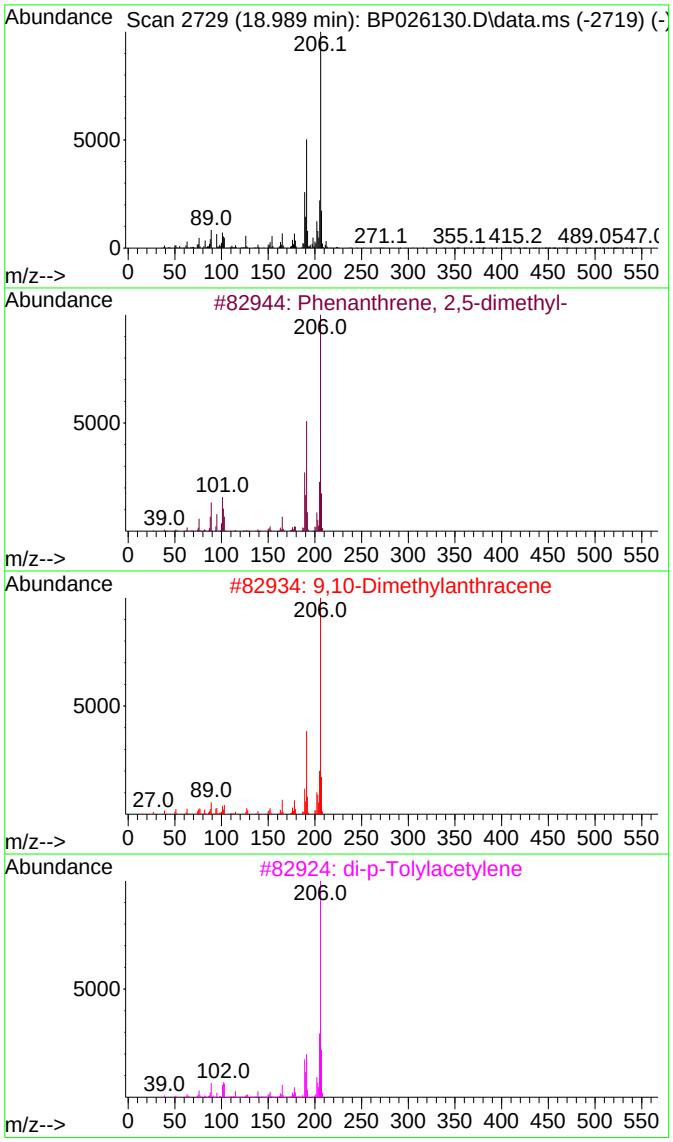
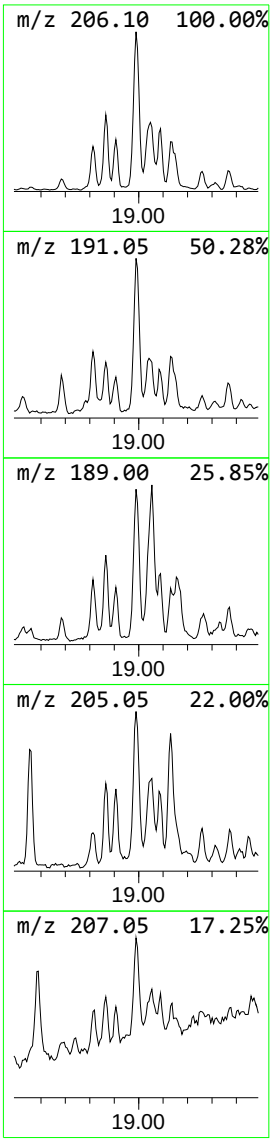
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.989	5.22 ng	1085000	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	96
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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ClientSampleId :
VNJ-231

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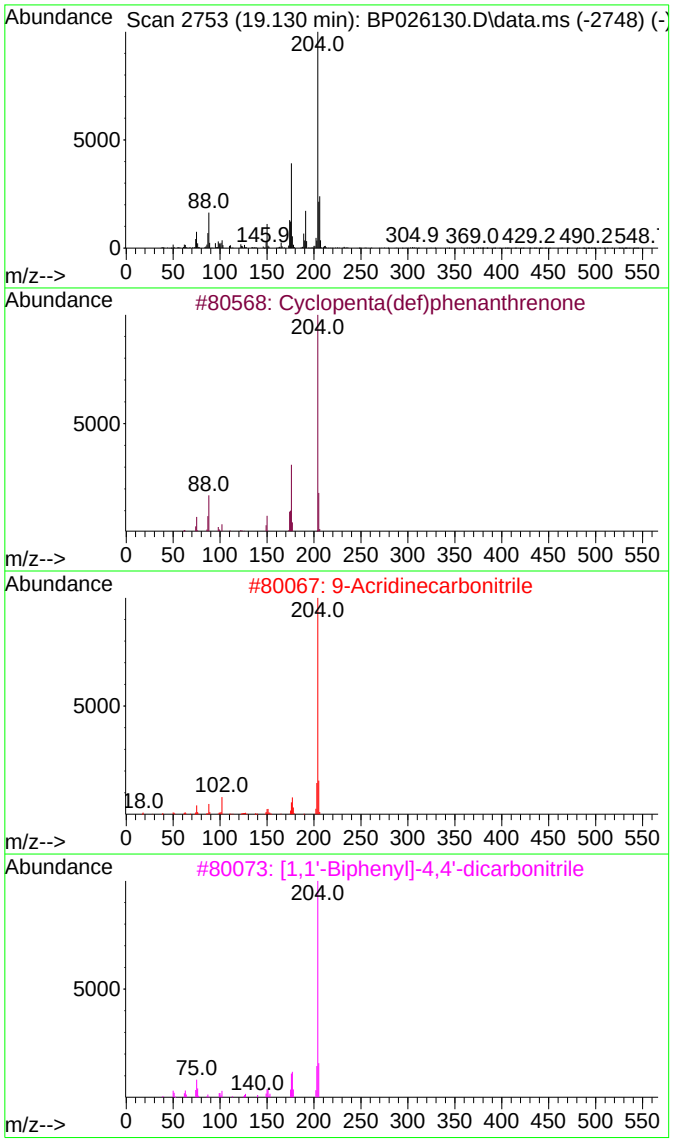
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

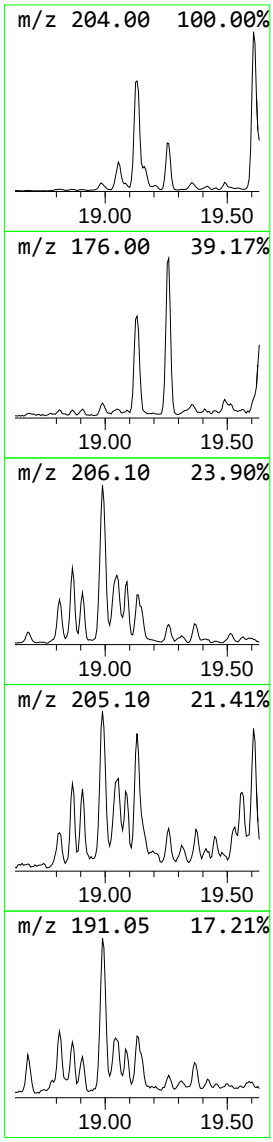
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.130	3.80 ng	789342	Phenanthrene-d10	17.131

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	Tricyclo[5.1.0.0(2,4)]octane, 5-...	247	C17H29N	1000063-59-3	43





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Sample : Q3621-02
Misc :
ALS Vial : 6 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

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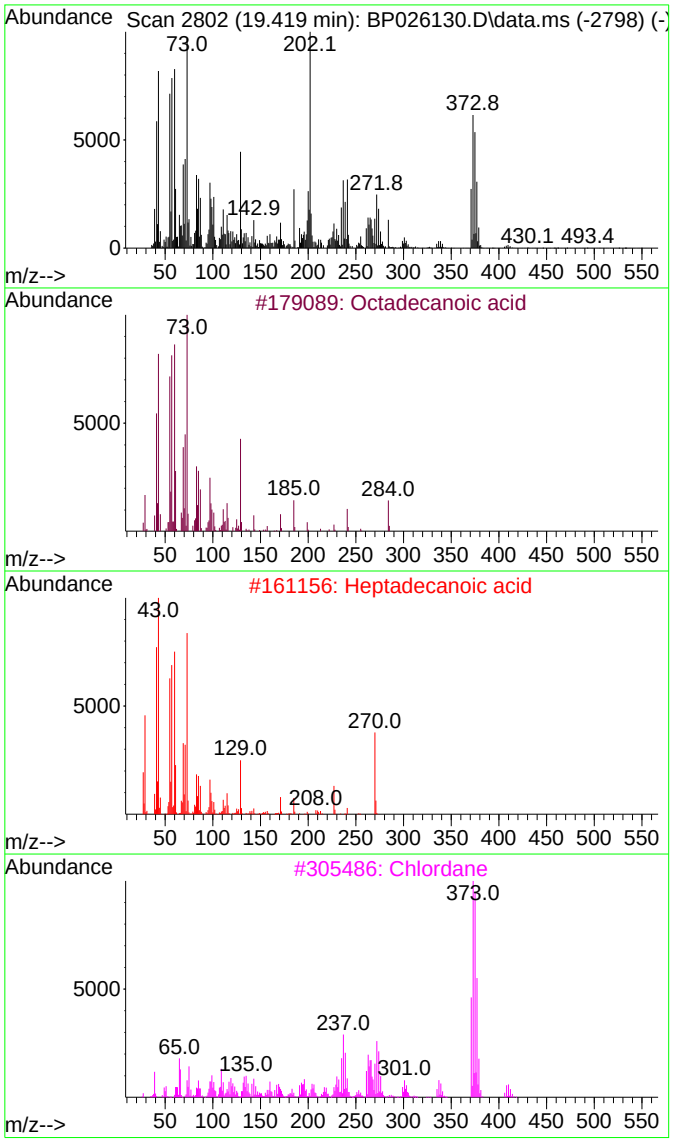
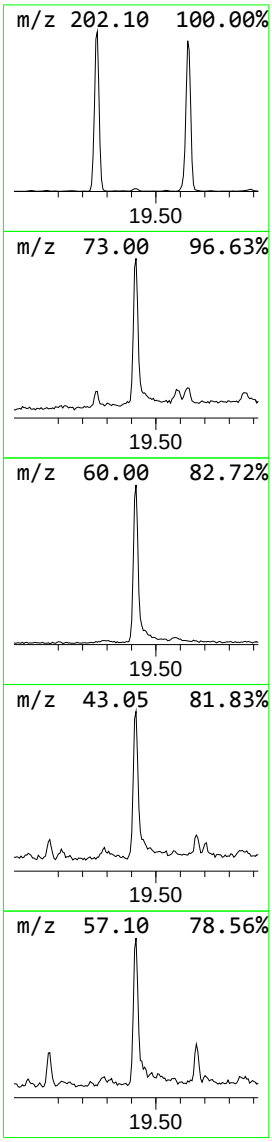
Peak Number 12 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	2.27 ng	1245860	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	50
3	Chlordane	406	C10H6Cl8	000057-74-9	50
4	4,7-Methanoindene, 1,2,3,5,6,7,8...	406	C10H6Cl8	1000017-10-9	46
5	trans-Chlordane	406	C10H6Cl8	005103-74-2	46





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Misc :
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Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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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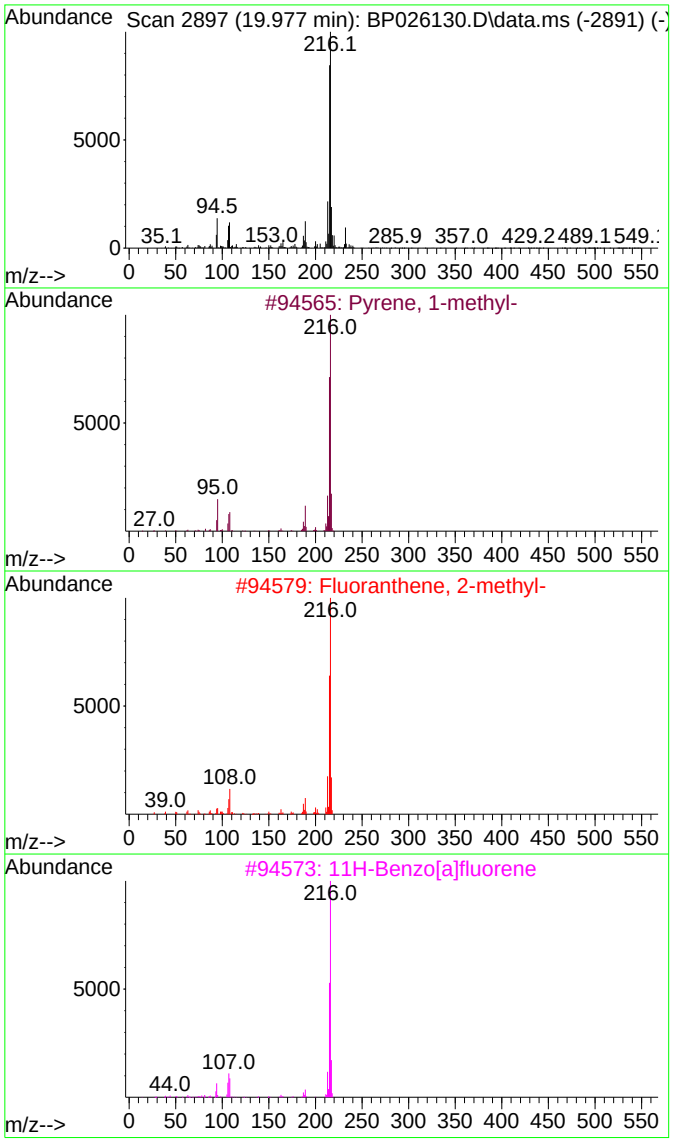
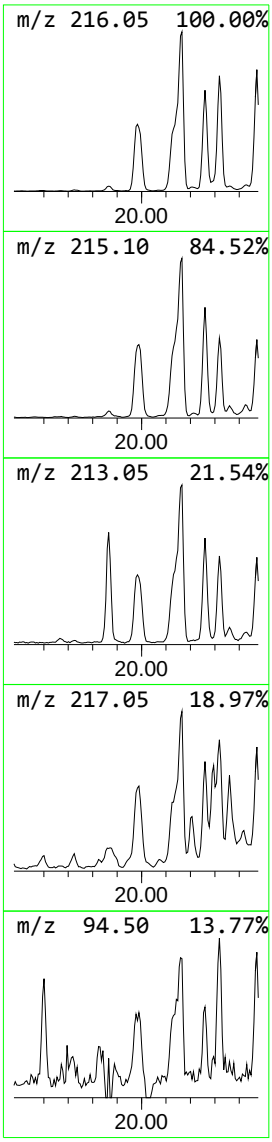
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.977	2.18 ng	1192580	Chrysene-d12	21.571

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	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89





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Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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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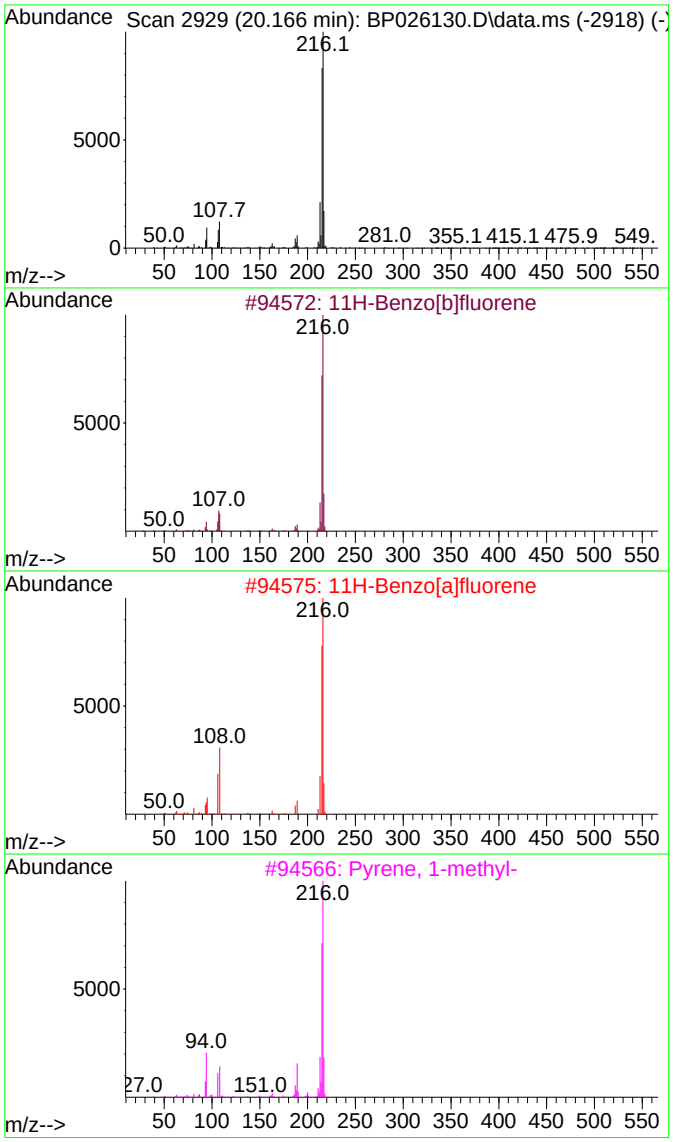
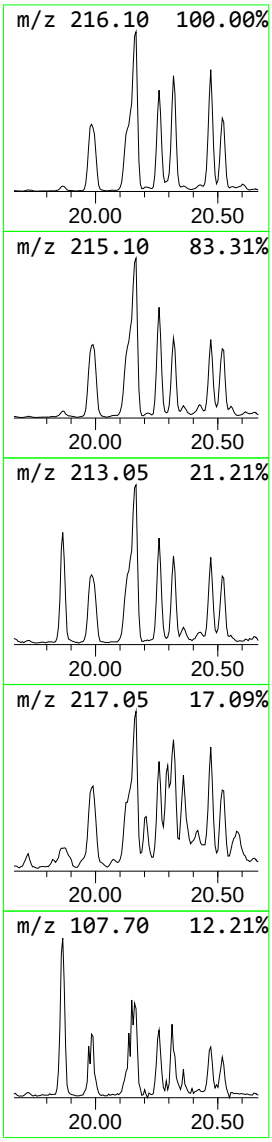
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.166	4.21 ng	2307380	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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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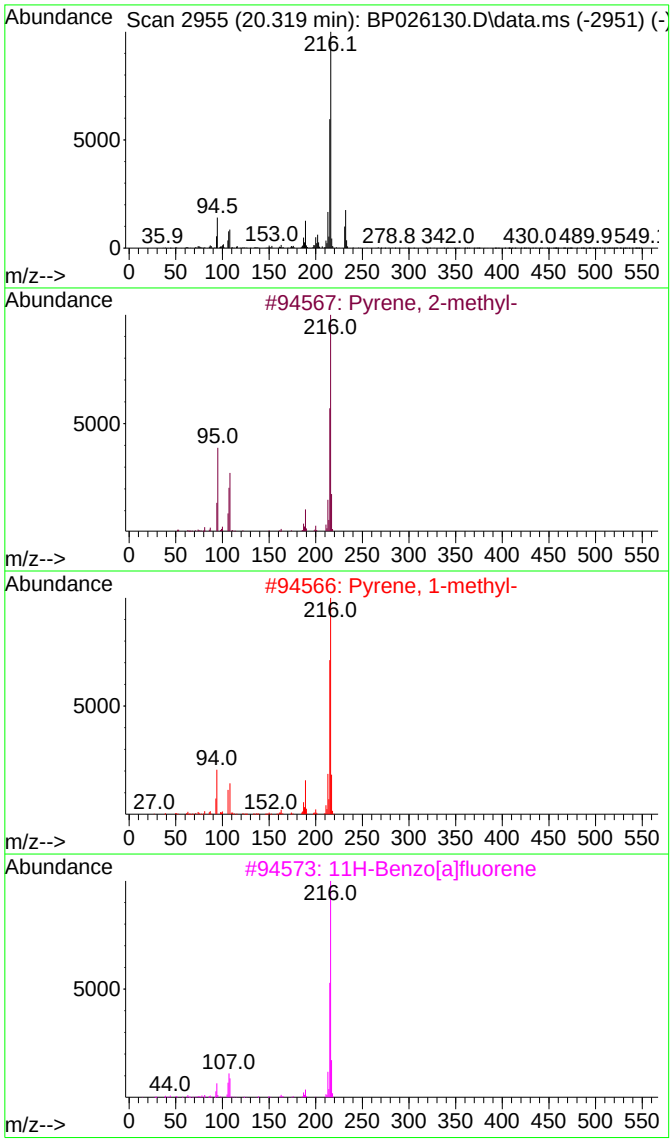
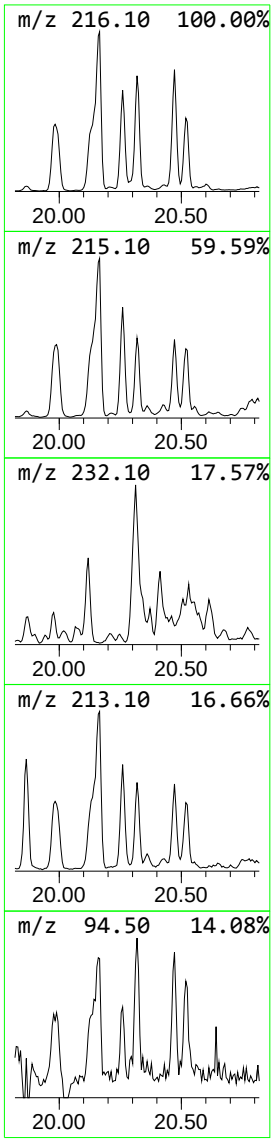
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.319	2.07 ng	1134910	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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Misc :
ALS Vial : 6 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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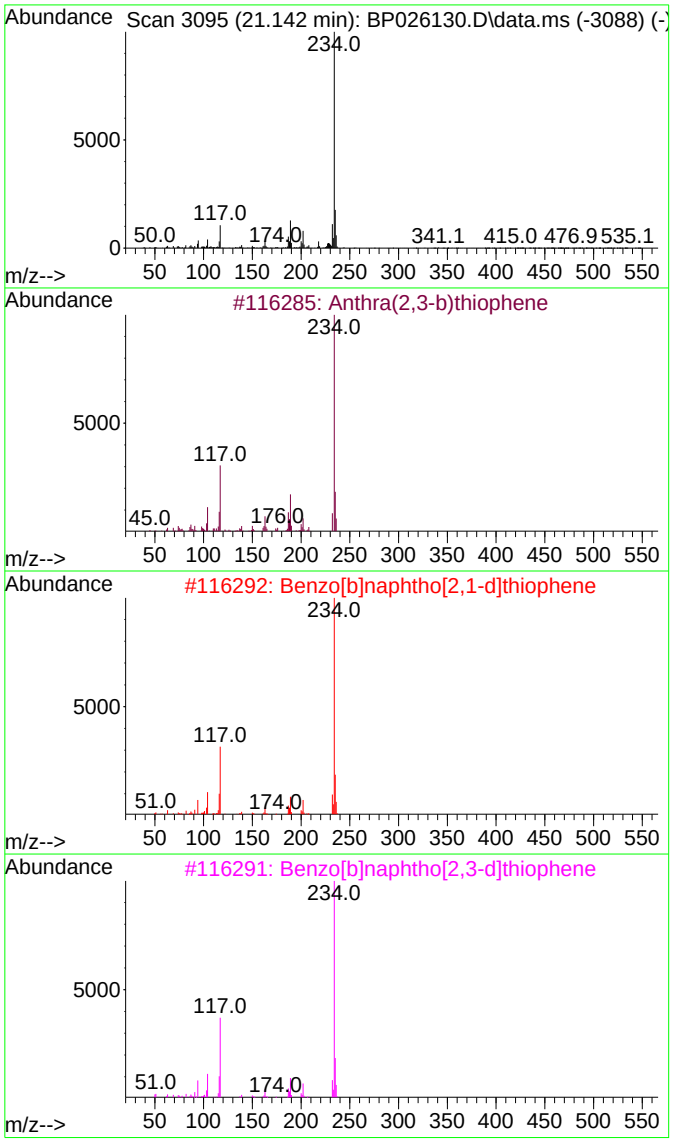
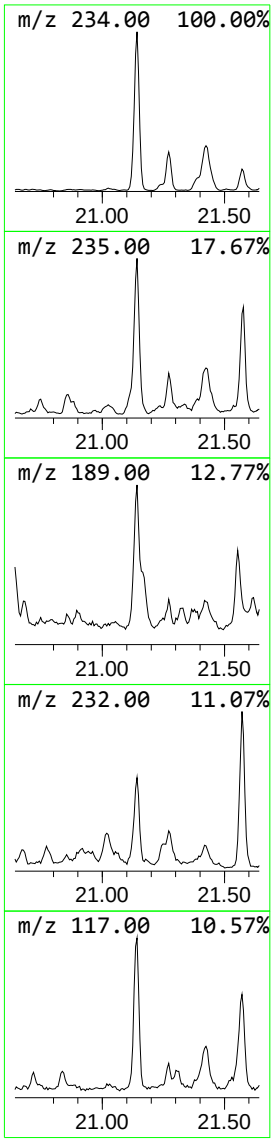
Peak Number 16 Anthra(2,3-b)thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.142	2.65 ng	1453350	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	97
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	95
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	80





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Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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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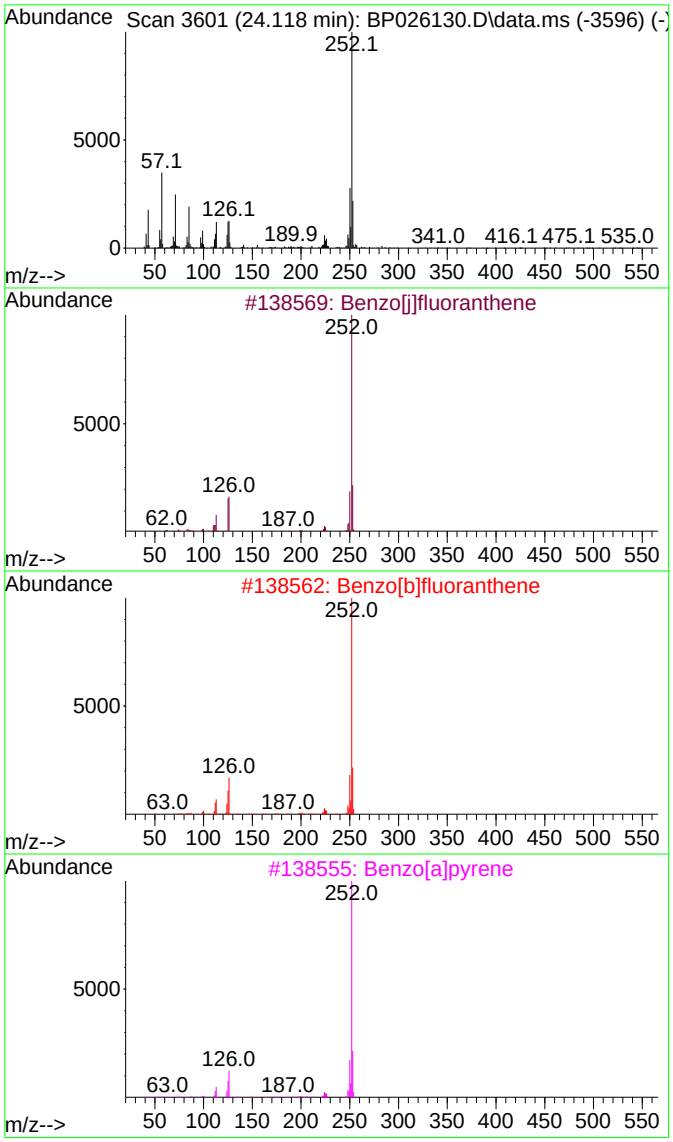
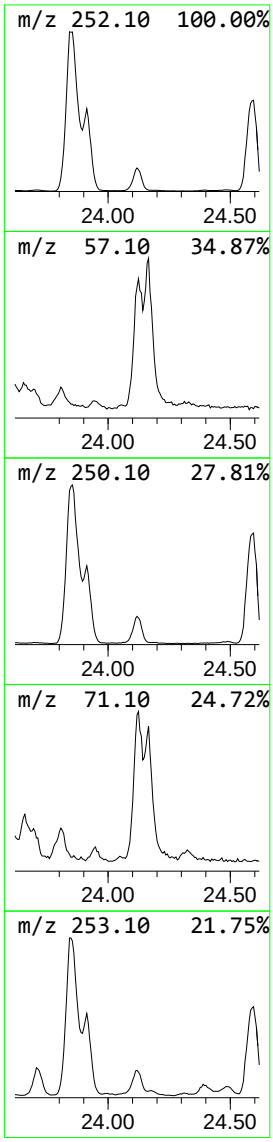
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.118	4.61 ng	1144160	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	92
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	89
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
VNJ-231

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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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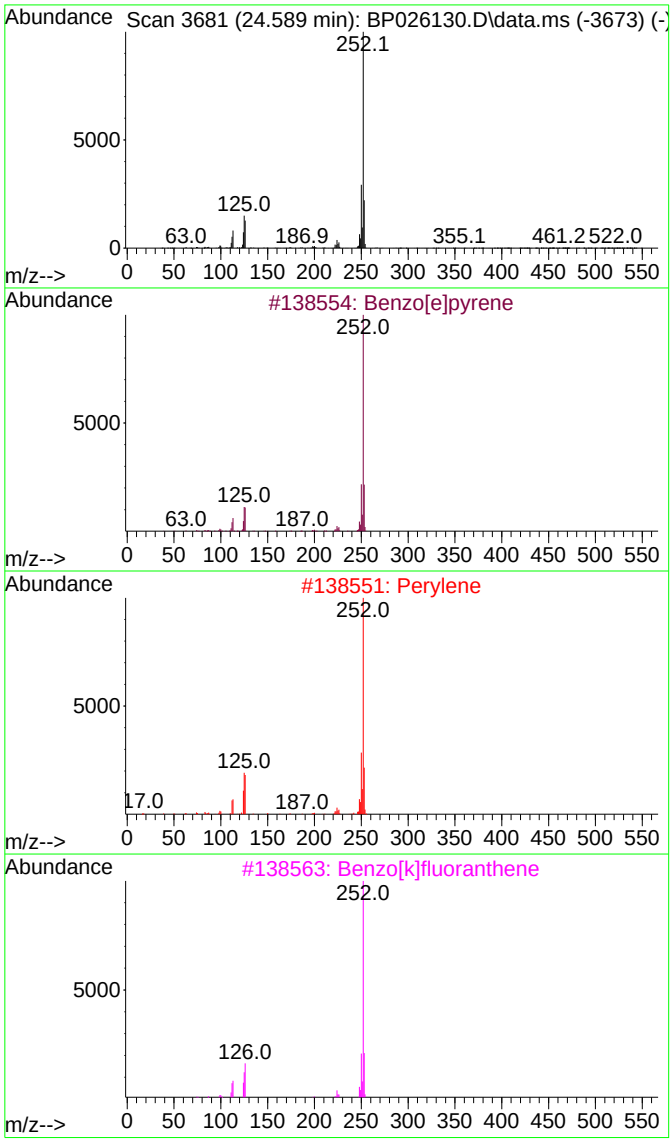
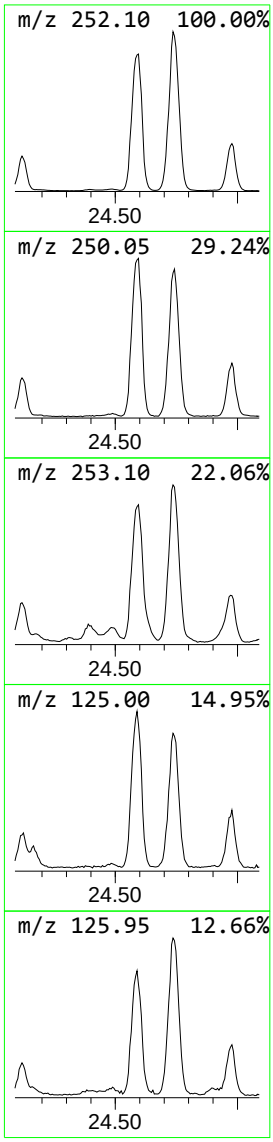
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.589	17.52 ng	4352100	Perylene-d12	24.901

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111325\
Data File : BP026130.D
Acq On : 13 Nov 2025 16:19
Operator : RC/JU
Sample : Q3621-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-231

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.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	15.707	6.6	ng	1195700	3	14.313	3615420	20.0
Phenanthrene, 2...	18.030	5.3	ng	1103780	4	17.131	4153490	20.0
Anthracene, 2-m...	18.089	14.1	ng	2926910	4	17.131	4153490	20.0
4H-Cyclopenta[d...	18.236	8.6	ng	1780020	4	17.131	4153490	20.0
Anthracene, 9-m...	18.272	3.4	ng	697225	4	17.131	4153490	20.0
1,6-Methano-1H-...	18.454	4.5	ng	928221	4	17.131	4153490	20.0
9,10-Anthracene...	18.583	5.7	ng	1185140	4	17.131	4153490	20.0
Phenanthrene, 2...	18.989	5.2	ng	1085000	4	17.131	4153490	20.0
Cyclopenta(def)...	19.130	3.8	ng	789342	4	17.131	4153490	20.0
Octadecanoic acid	19.419	2.3	ng	1245860	5	21.571	10964800	20.0
Pyrene, 1-methyl-	19.977	2.2	ng	1192580	5	21.571	10964800	20.0
11H-Benzo[b]flu...	20.166	4.2	ng	2307380	5	21.571	10964800	20.0
Pyrene, 2-methyl-	20.319	2.1	ng	1134910	5	21.571	10964800	20.0
Anthra(2,3-b)th...	21.142	2.6	ng	1453350	5	21.571	10964800	20.0
Benzo[j]fluoran...	24.118	4.6	ng	1144160	6	24.901	4968660	20.0
Benzo[e]pyrene	24.589	17.5	ng	4352100	6	24.901	4968660	20.0