LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

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-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP020594.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	19	rVB	1041126	1599835	18.04%	1.601%
2	4.928	322	330	336	rBV2	113919	186329	2.10%	0.186%
3	5.375	398	406	415	rBV	1918655	2771715	31.25%	2.773%
4	6.934	661	671	685	rBV	1814450	2897724	32.67%	2.899%
5	7.758	803	811	818	rBV	1259769	1923787	21.69%	1.925%
6	8.899	998	1005	1015	rBV	1145009	1888050	21.28%	1.889%
7	10.522	1271	1281	1288	rBV	1645775	2716506	30.62%	2.718%
8	12.987	1692	1700	1711	rBV	2775902	4098121	46.20%	4.100%
9	13.281	1742	1750	1756	rBV	729102	1240094	13.98%	1.241%
10	13.693	1815	1820	1825	rBV	90816	145508	1.64%	0.146%
11	14.098	1883	1889	1901	rBV	71119	139935	1.58%	0.140%
12	14.375	1926	1936	1943	rBV	2318205	3681880	41.51%	3.683%
13	14.446	1943	1948	1956	rVB	144450	275812	3.11%	0.276%
14	14.598	1967	1974	1982	rVB5	57371	163702	1.85%	0.164%
15	14.687	1982	1989	1995	rBV3	43394	107313	1.21%	0.107%
16	14.793	2001	2007	2013	rVV	113575	199931	2.25%	0.200%
17	14.863	2014	2019	2023	rVB	90179	122679	1.38%	0.123%
18	15.010	2039	2044	2048	rBV2	70420	115145	1.30%	0.115%
19	15.063	2048	2053	2057	rVB3	64250	101961	1.15%	0.102%
20	15.181	2066	2073	2077	rBV3	63679	143434	1.62%	0.143%
21	15.445	2113	2118	2122	rBV	212517	289639	3.27%	0.290%
22	15.616	2143	2147	2151	rVB5	64446	105143	1.19%	0.105%
23	15.663	2151	2155	2158	rBV4	64404	93458	1.05%	0.093%
24	15.898	2188	2195	2203	rBV	2461392	3469348	39.11%	3.471%
25	16.140	2232	2236	2245	rVB5	109341	219866	2.48%	0.220%
26	16.469	2282	2292	2297	rBV4	116871	322078	3.63%	0.322%
27	16.528	2298	2302	2308	rBV3	87655	144454	1.63%	0.145%
28	16.834	2350	2354	2361	rVB2	146405	244940	2.76%	0.245%
29	16.916	2364	2368	2371	rBV2	64752	114647	1.29%	0.115%
30	17.004	2379	2383	2391	rVB	230004	397220	4.48%	0.397%
31	17.187	2408	2414	2418	rBV	2388511	4000744	45.10%	4.002%
32	17.234	2418	2422	2429	rVV	2251871	3221749	36.32%	3.223%
33	17.328	2433	2438	2443	rVV	578097	942181	10.62%	0.943%
34	17.387	2443	2448	2452	rVV3	108232	180406	2.03%	0.180%
35	17.492	2462	2466	2475	rVB	314485	570255	6.43%	0.570%
36	17.610	2482	2486	2490	rBV	110923	173408	1.95%	0.173%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

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-BP052924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.722	2502	2505	2511	rBV	185387	284259	3.20%	0.284%
38	17.781	2511	2515	2526	rVB	313261	526419	5.93%	0.527%
39	17.945	2538	2543	2548	rVB	147820	278758	3.14%	0.279%
40	18.016	2552	2555	2559	rVV2	86352	142357	1.60%	0.142%
41	18.092	2563	2568	2572	rVV	712356	1291870	14.56%	1.292%
42	18.139	2572	2576	2584	rVV2	1568953	2653533	29.91%	2.655%
43	18.228	2587	2591	2597	rVV	412591	791523	8.92%	0.792%
44	18.298	2597	2603	2607	rVV2	1023959	2157178	24.32%	2.158%
45	18.339	2607	2610	2616	rVB	543899	826720	9.32%	0.827%
46	18.510	2636	2639	2643	rVB2	130343	163830	1.85%	0.164%
47	18.616	2653	2657	2660	rBV	478514	611664	6.90%	0.612%
48	18.657	2660	2664	2676	rVB2	365980	707080	7.97%	0.707%
49	18.839	2692	2695	2697	rBV3	175046	223782	2.52%	0.224%
50	18.869	2698	2700	2705	rVV	203833	299276	3.37%	0.299%
51	18.928	2707	2710	2713	rVB	181468	235757	2.66%	0.236%
52	19.051	2726	2731	2735	rBV	565762	929564	10.48%	0.930%
53	19.116	2737	2742	2746	rVV2	326115	617077	6.96%	0.617%
54	19.198	2751	2756	2761	rBV	450685	897333	10.12%	0.898%
55	19.322	2772	2777	2783	rBV	4416861	6278450	70.78%	6.281%
56	19.475	2799	2803	2807	rVB5	285326	389397	4.39%	0.390%
57	19.581	2818	2821	2824	rBV	273096	340095	3.83%	0.340%
58	19.704	2833	2842	2851	rBV	5341232	8870641	100.00%	8.874%
59	19.928	2875	2880	2889	rVB	3434853	5435253	61.27%	5.438%
60	20.051	2895	2901	2910	rVB2	564953	1356606	15.29%	1.357%
61	20.216	2927	2929	2935	rVB2	834235	1035894	11.68%	1.036%
62	20.269	2935	2938	2942	rBV	298223	356213	4.02%	0.356%
63	20.328	2944	2948	2953	rBV	522440	720581	8.12%	0.721%
64	20.386	2953	2958	2963	rBV2	747787	1377299	15.53%	1.378%
65	20.528	2980	2982	2986	rVB2	715718	701295	7.91%	0.702%
66	20.575	2987	2990	2994	rBV	453094	672576	7.58%	0.673%
67	21.251	3102	3105	3108	rVB	451201	482612	5.44%	0.483%
68	21.633	3164	3170	3176	rBV2	2831501	7563133	85.26%	7.566%
69	21.692	3177	3180	3190	rVB	2045529	3374081	38.04%	3.375%
70	23.939	3557	3562	3570	rBV	881596	2138360	24.11%	2.139%
71	24.845	3711	3716	3725	rVB	1055942	2286182	25.77%	2.287%
72	25.010	3737	3744	3752	rVB	1542573	3932483	44.33%	3.934%

Sum of corrected areas: 99958128

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
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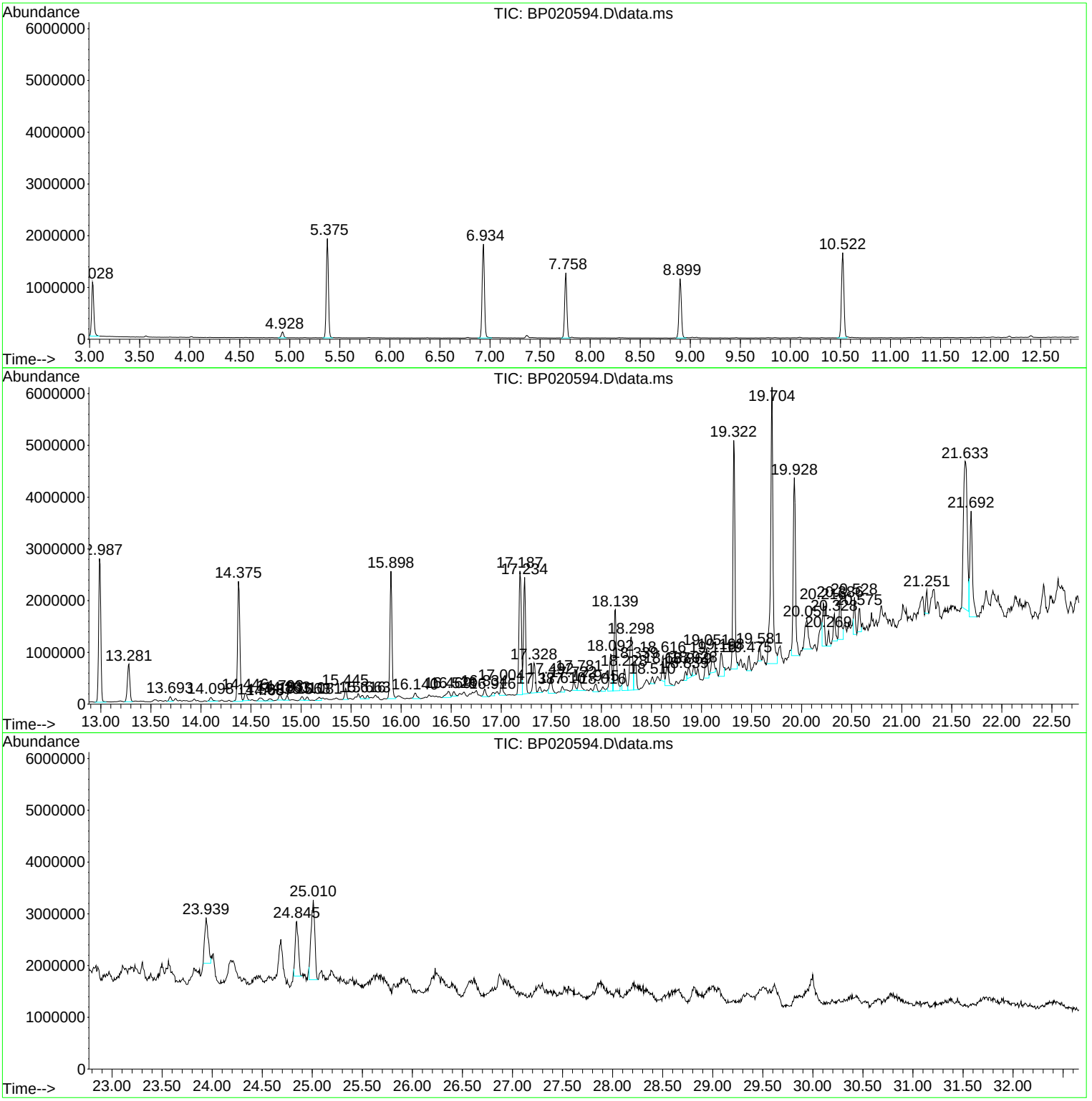
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

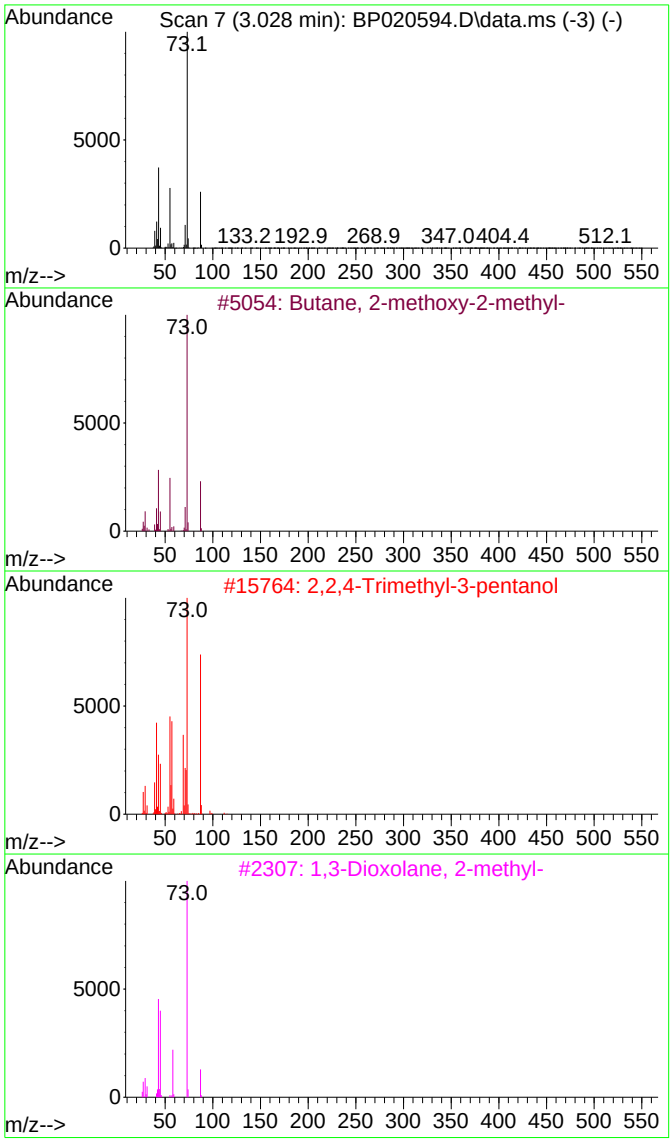
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

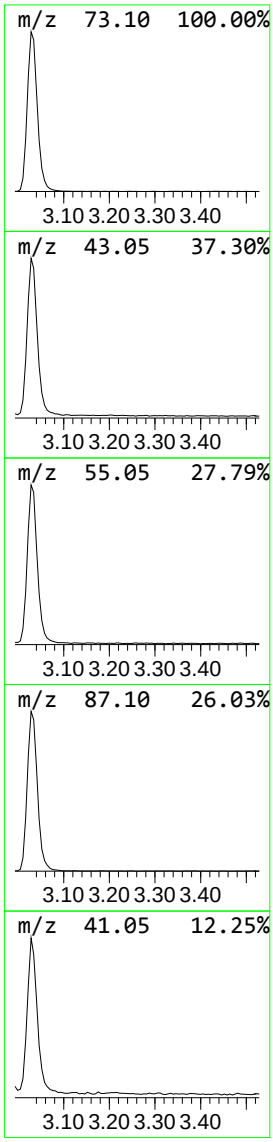
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	16.63 ng	1599840	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

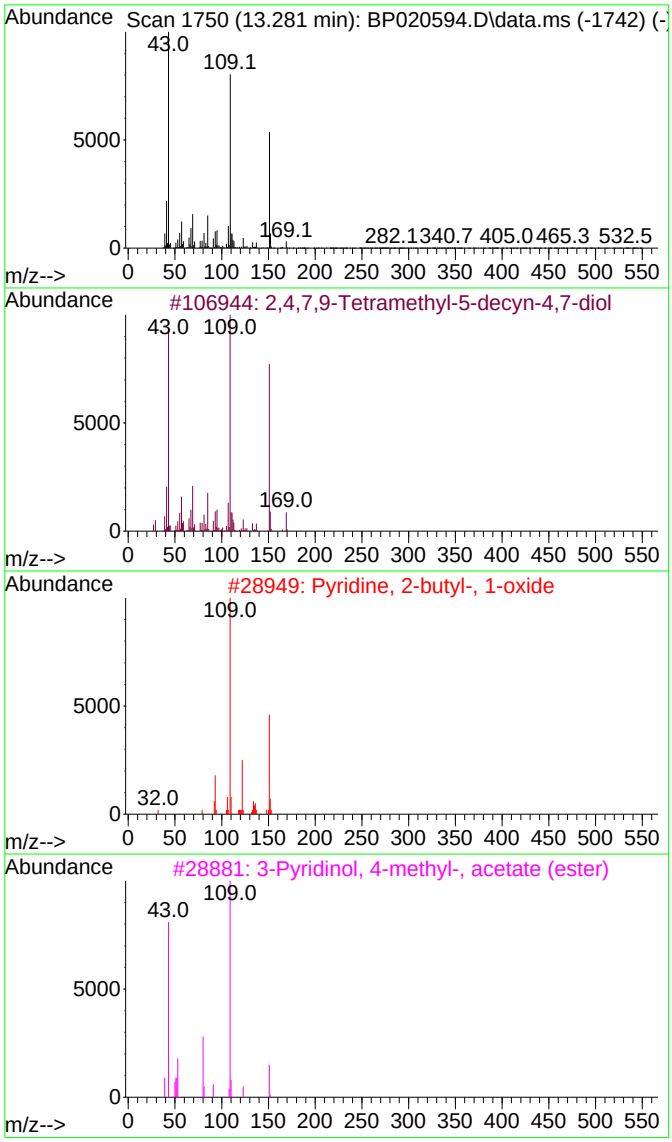
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

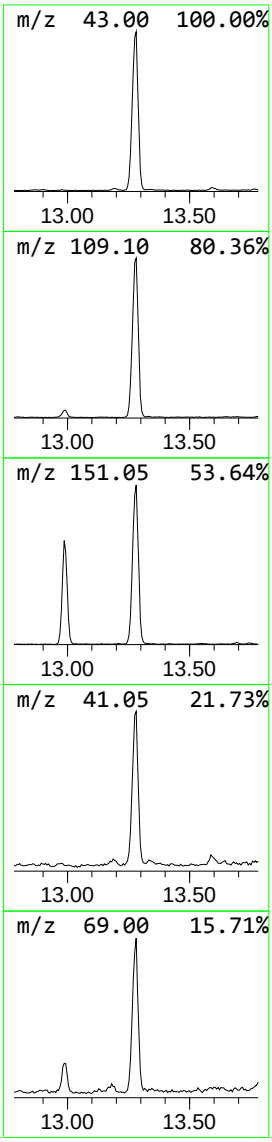
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.281	6.74 ng	1240090	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59
4	Metacetamol	151	C8H9NO2	000621-42-1	45
5	benzenamine, 3-[(tetrahydro-2H-p...	193	C11H15NO2	1010400-28-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

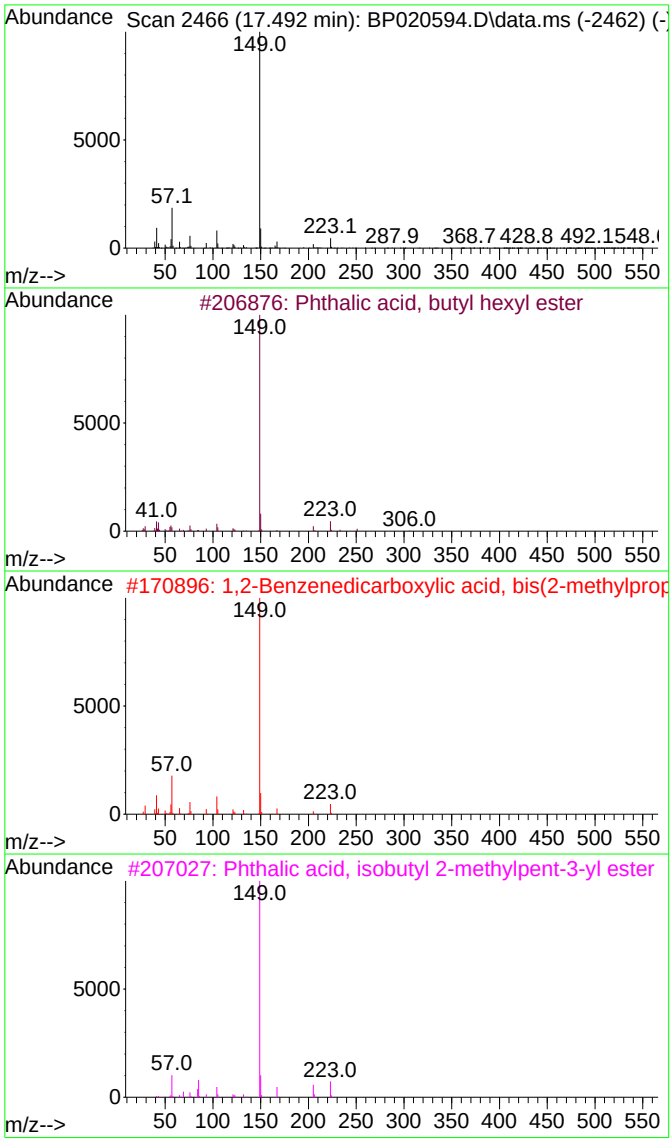
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

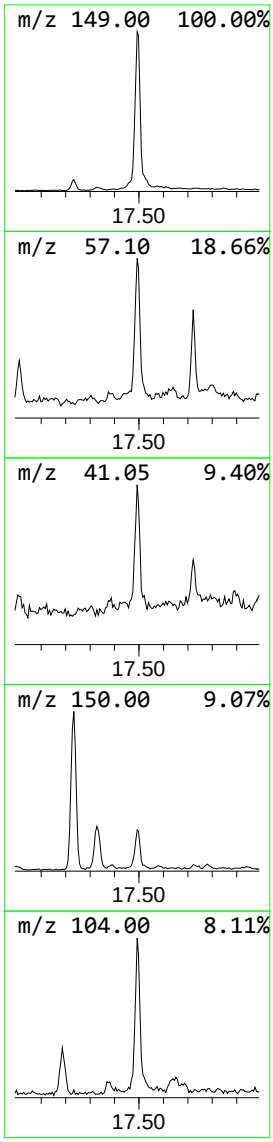
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phthalic acid, butyl hexyl ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.492	2.85 ng	570255	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, butyl hexyl ester	306	C18H26O4	1010308-99-5	90
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	87
3	Phthalic acid, isobutyl 2-methyl...	306	C18H26O4	1000356-90-7	78
4	Phthalic acid, 2,4-dimethylpent-...	334	C20H30O4	1000356-84-5	72
5	Phthalic acid, butyl 2-ethylbuty...	306	C18H26O4	1000356-89-0	72





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Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-060724

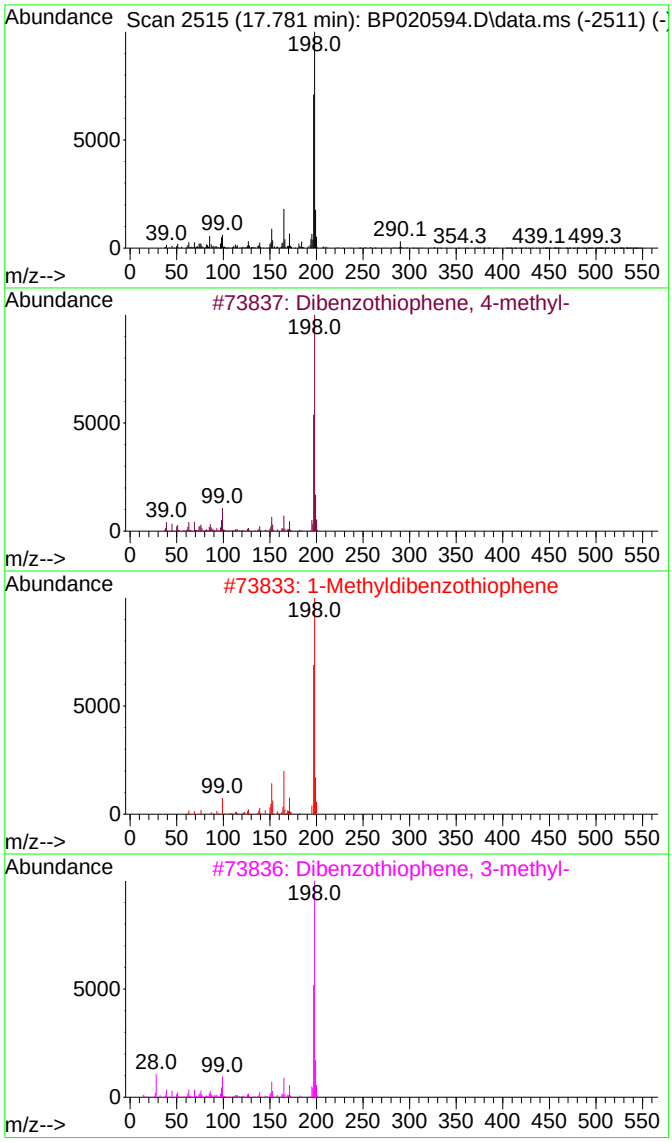
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

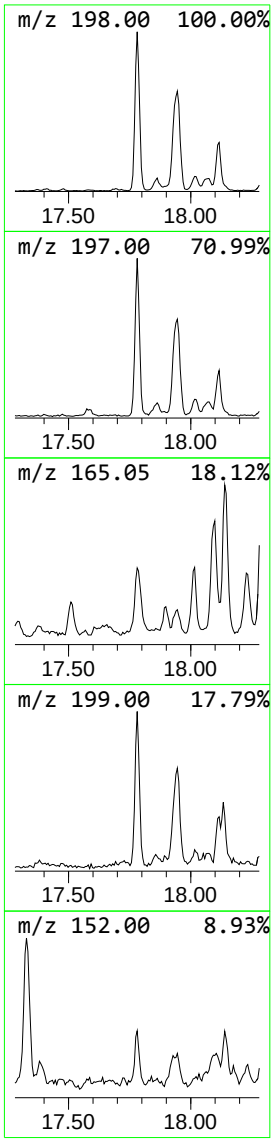
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	2.63 ng	526419	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





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Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

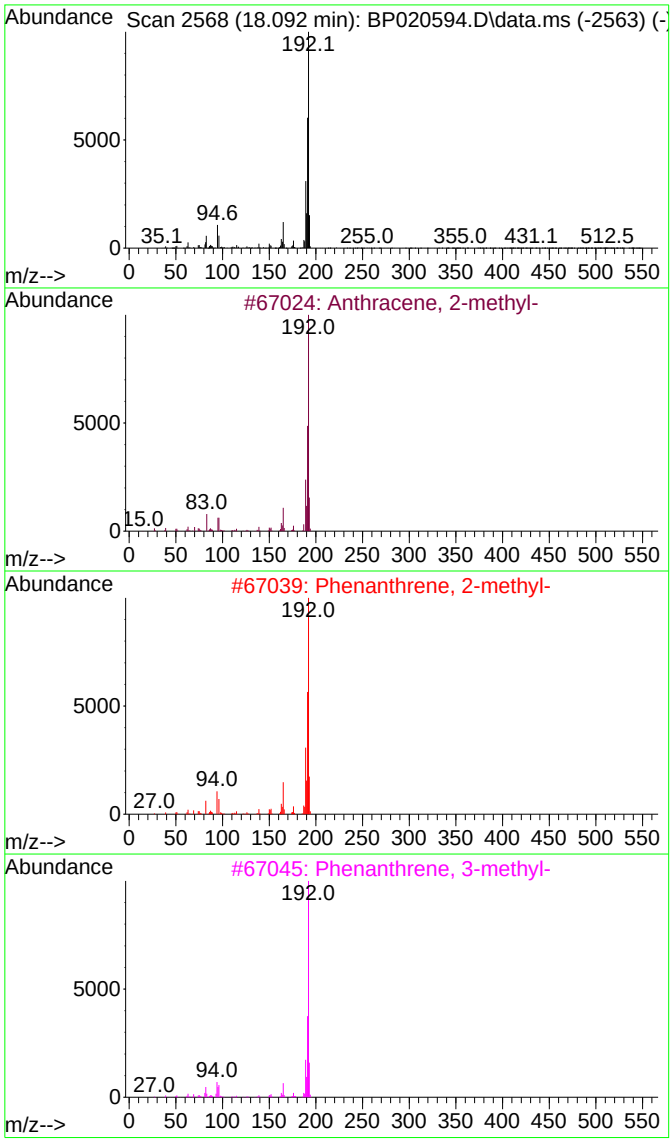
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

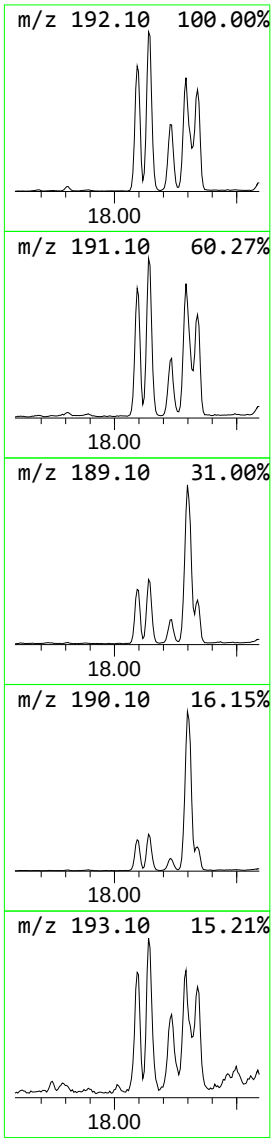
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	6.46 ng	1291870	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

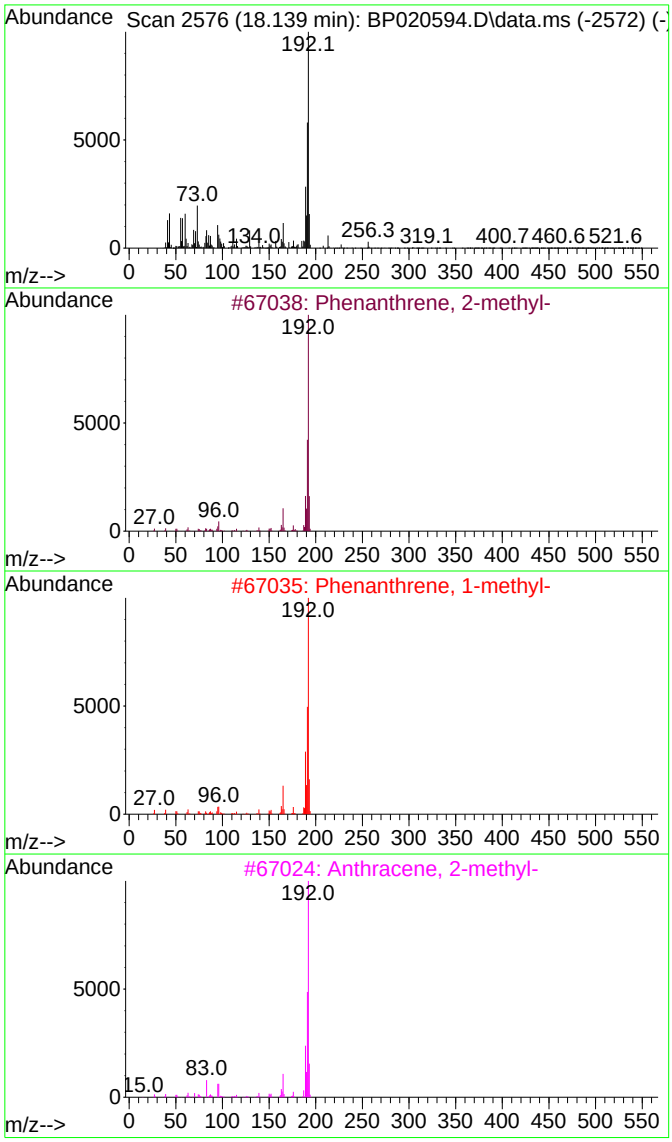
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

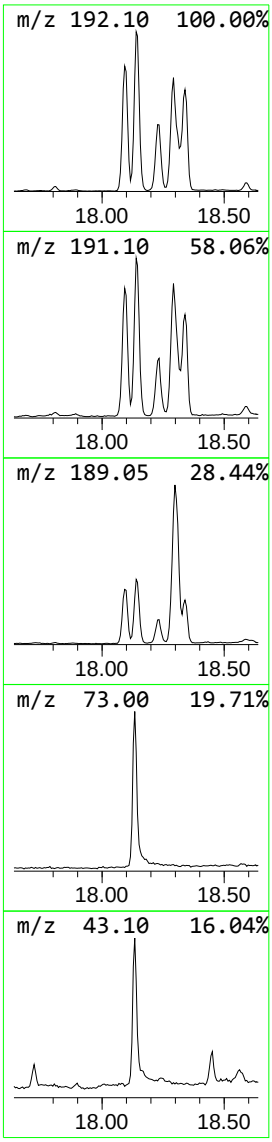
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	13.27 ng	2653530	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

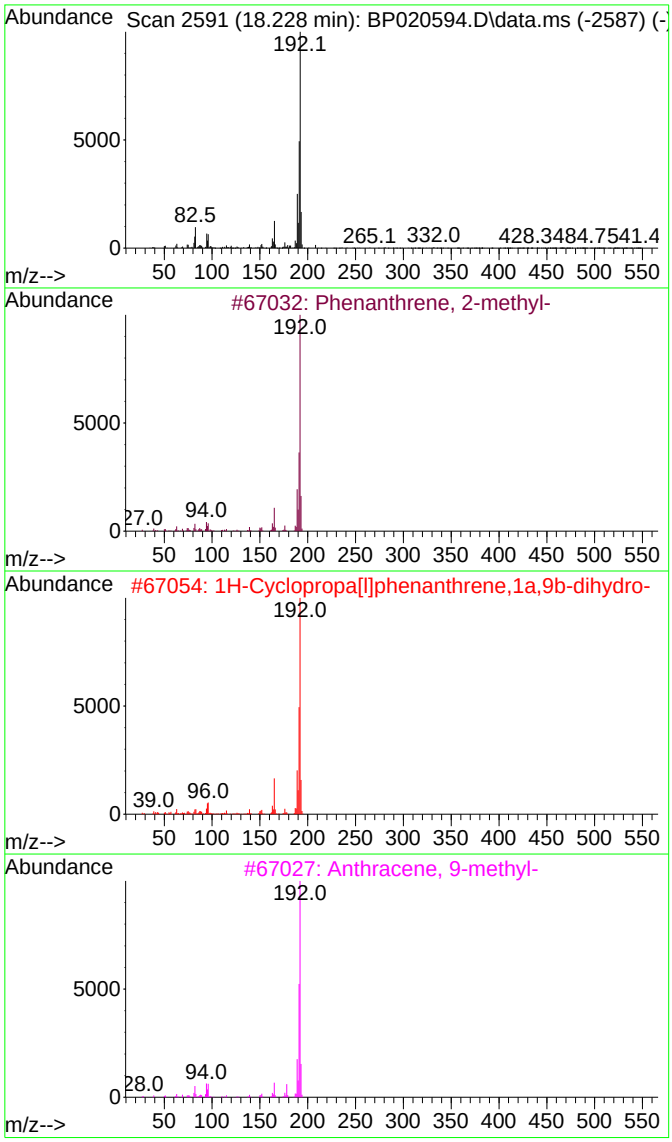
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

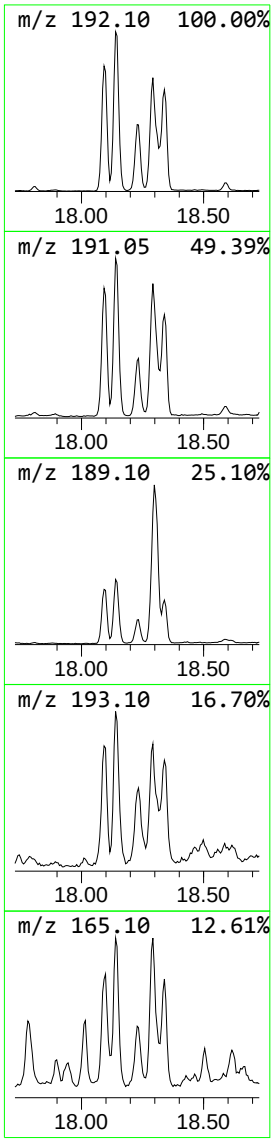
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.228	3.96 ng	791523	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

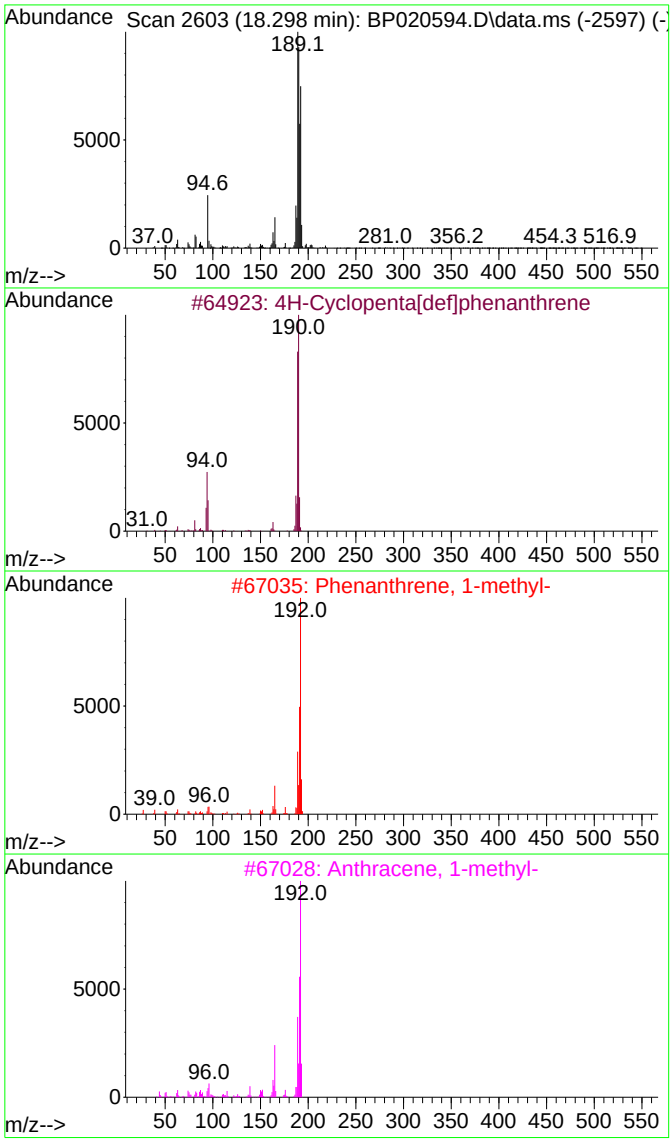
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

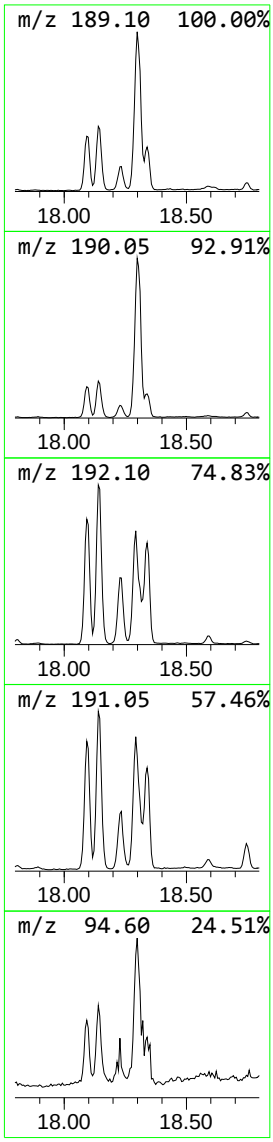
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	10.78 ng	2157180	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-060724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

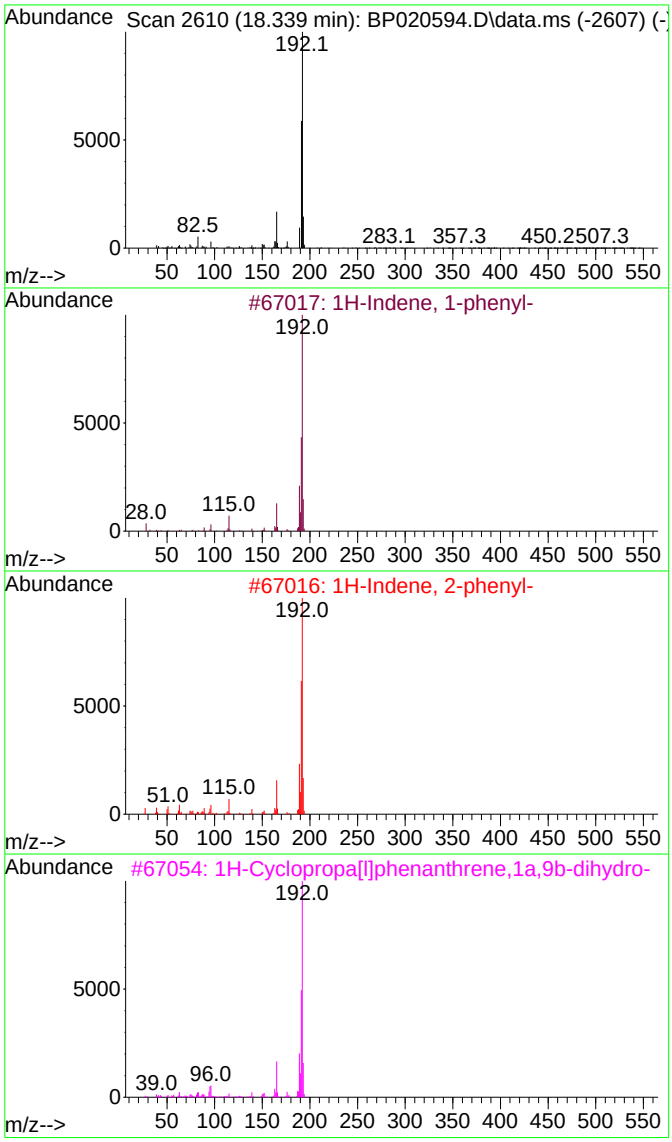
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

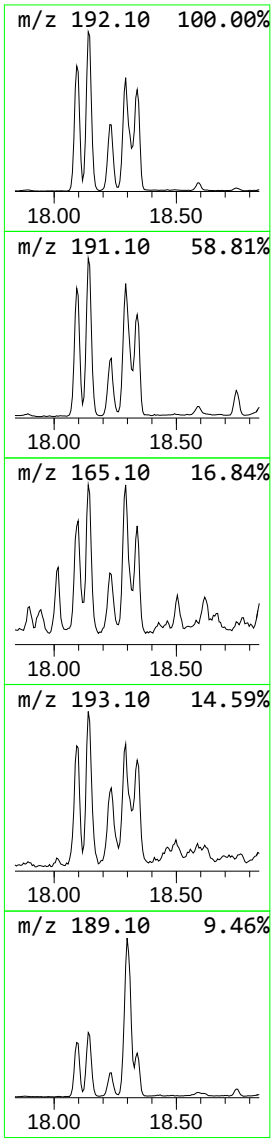
****

Peak Number 9 1H-Indene, 1-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	4.13 ng	826720	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_P
ClientSampleId :
HD-02-060724

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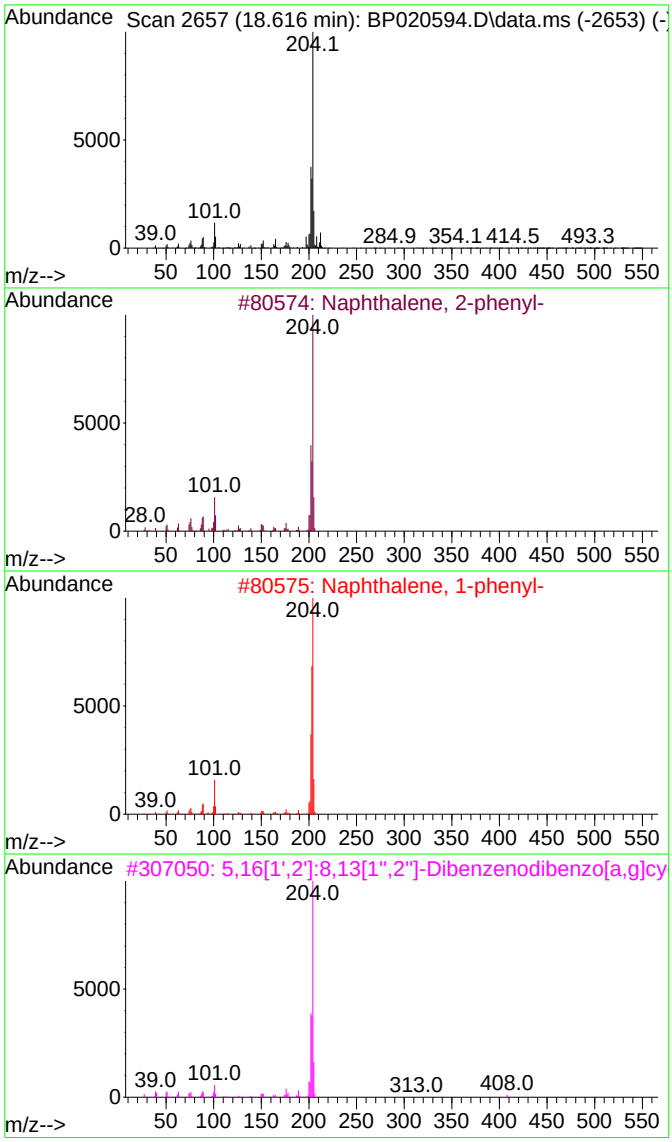
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

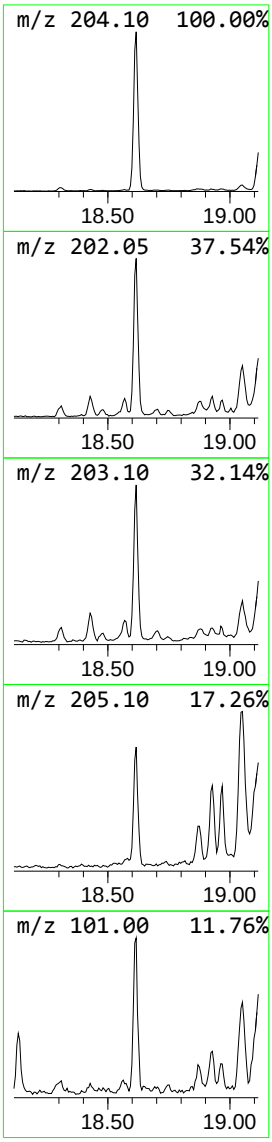
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	3.06 ng	611664	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70





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Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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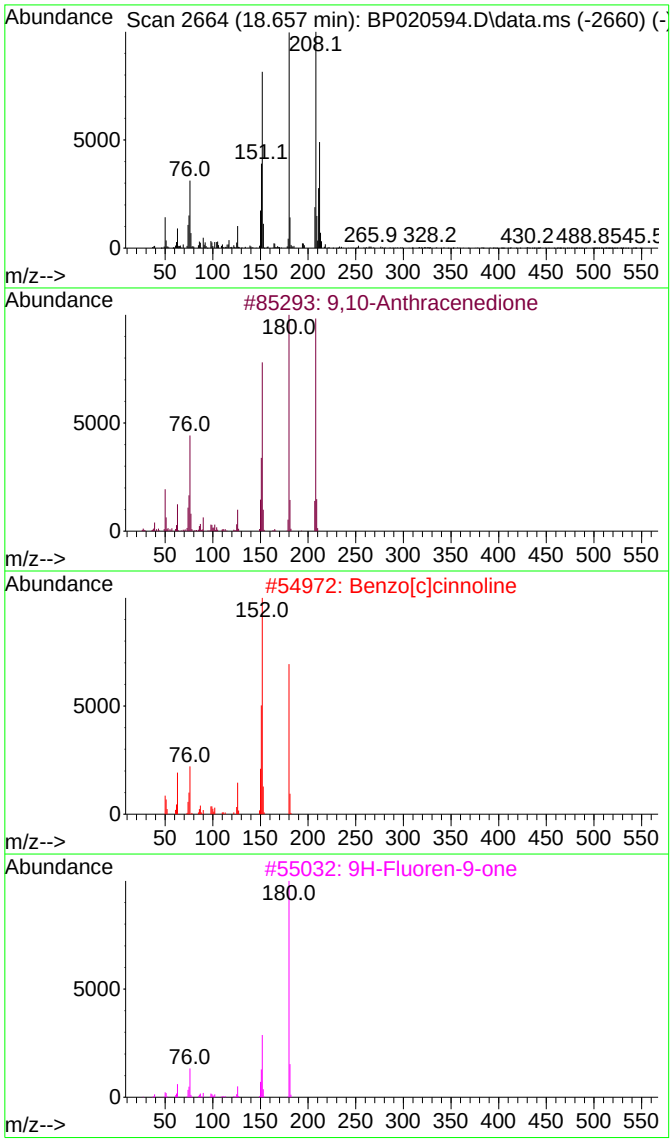
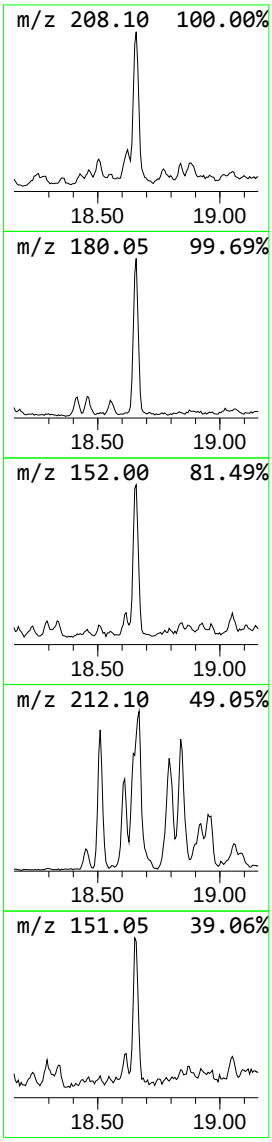
Peak Number 11 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	3.53 ng	707080	Phenanthrene-d10	17.187

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	55
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	46
4	Diphenic anhydride	224	C14H8O3	006050-13-1	43
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	38





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HD-02-060724

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

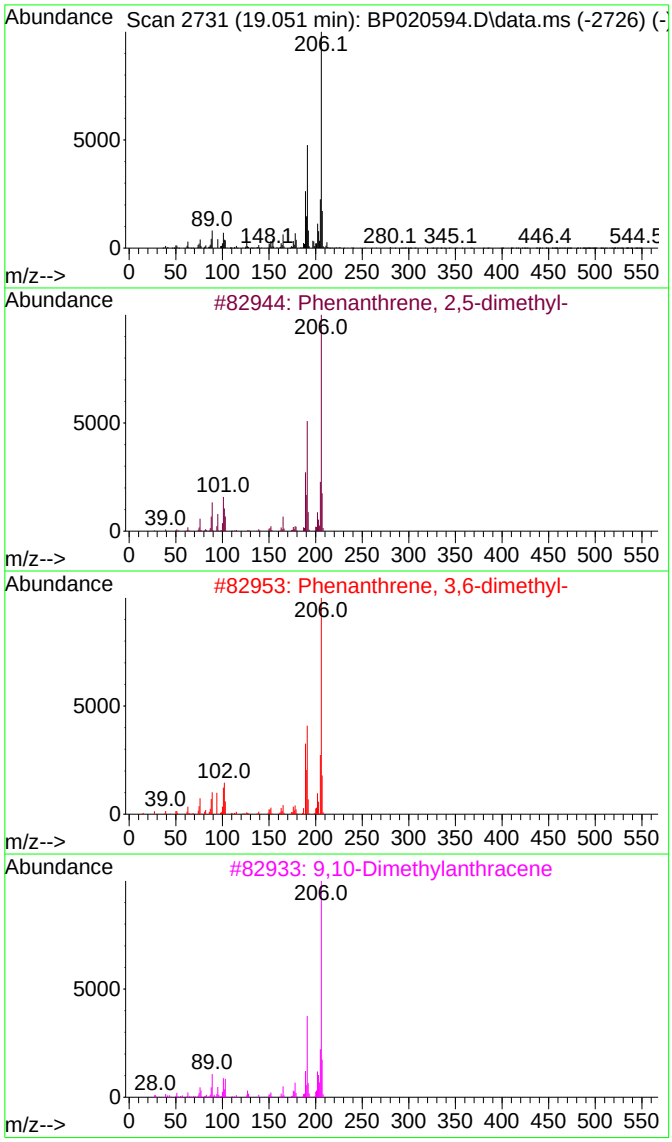
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

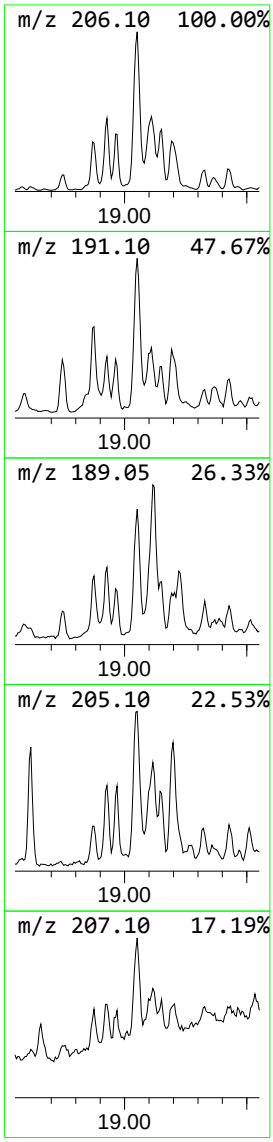
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	4.65 ng	929564	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-060724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.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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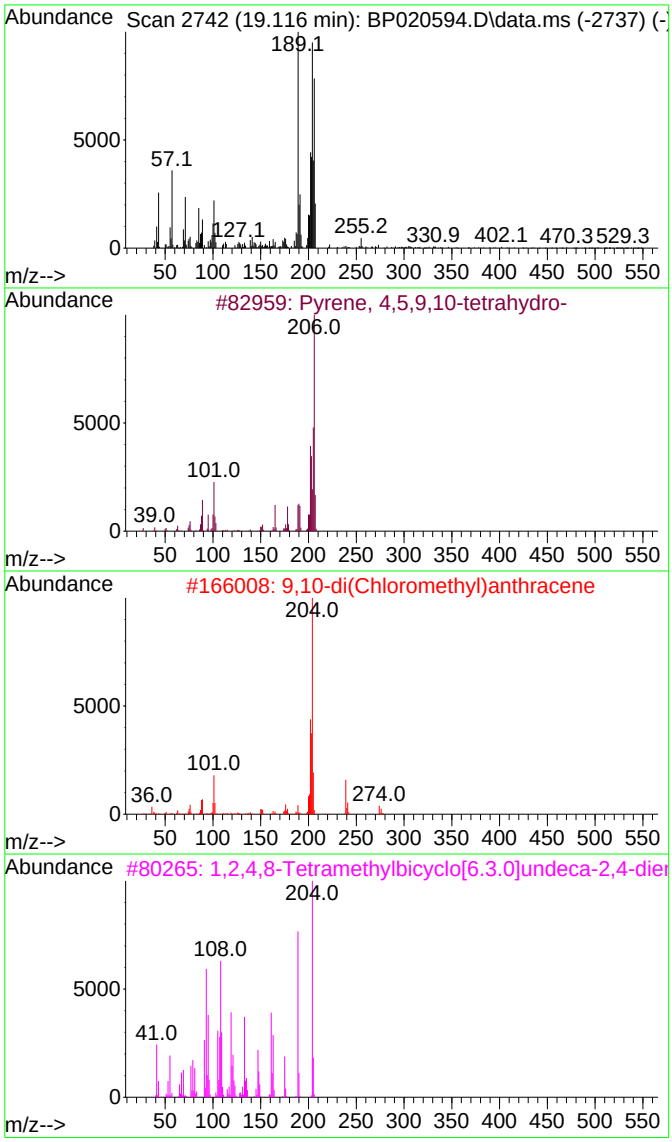
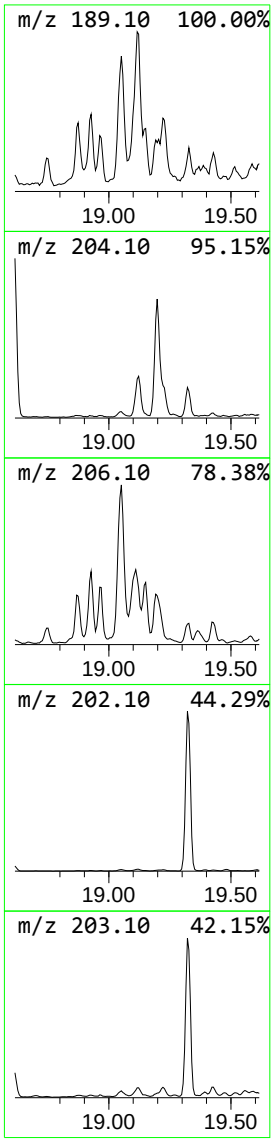
Peak Number 13 unknown19.116 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.116	3.08 ng	617077	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	35
4	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	30
5	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

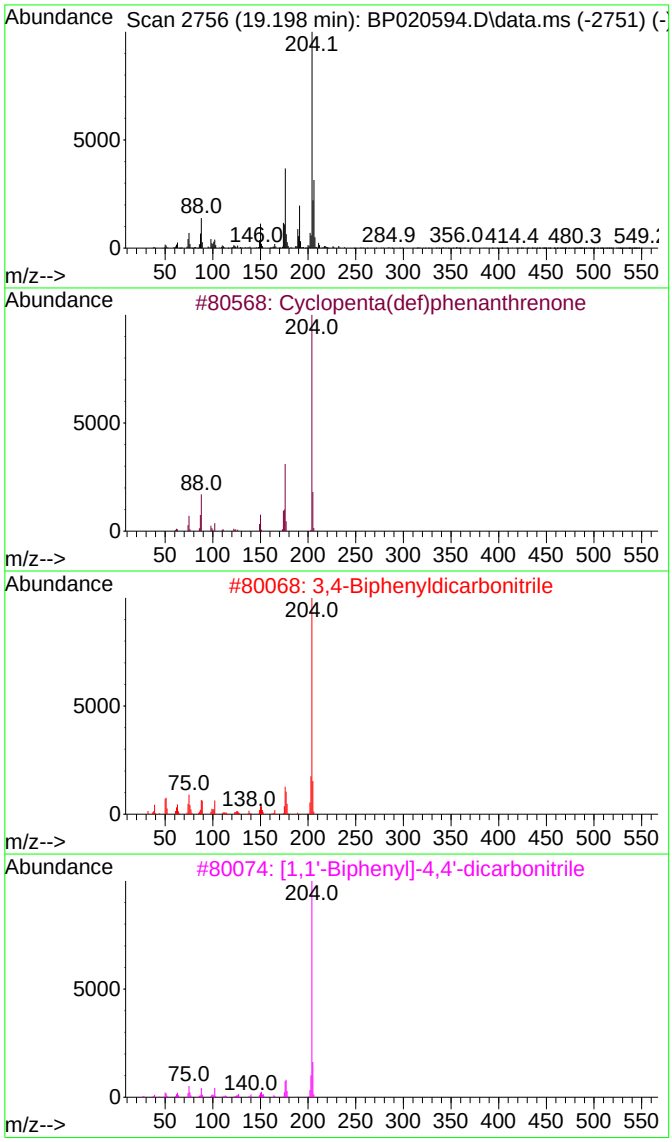
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

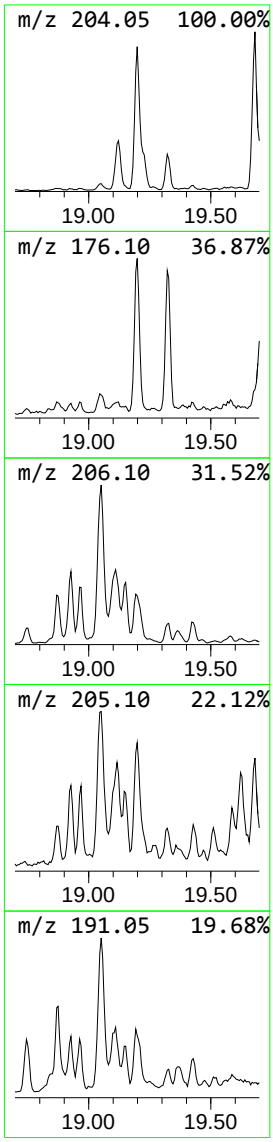
****

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.198	4.49 ng	897333	Phenanthrene-d10	17.187

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

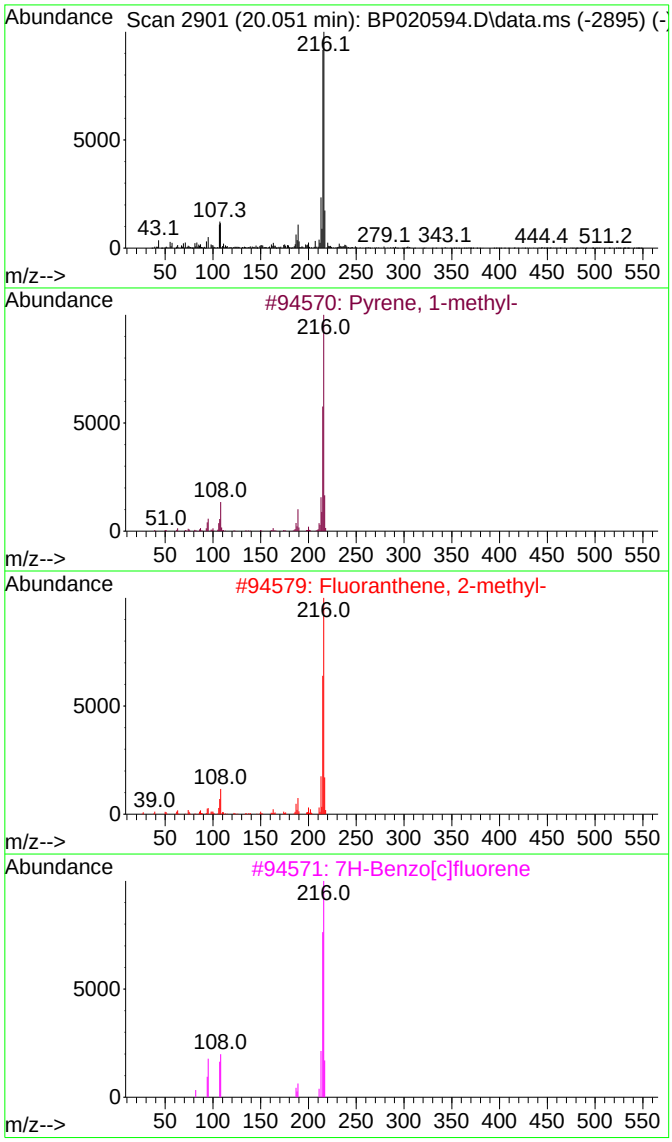
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

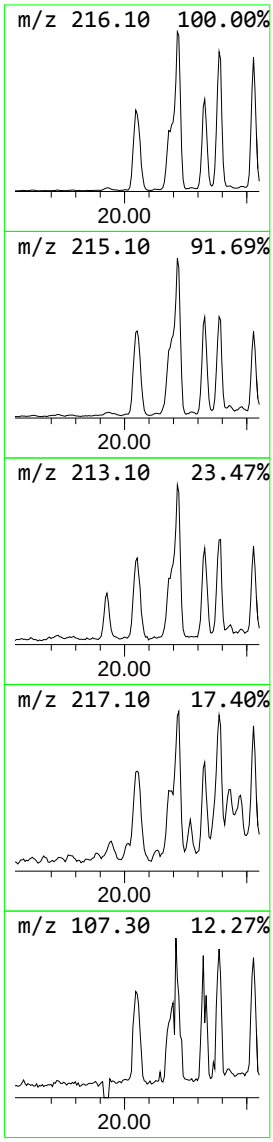
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.051	3.59 ng	1356610	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Sample : P2786-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-02-060724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

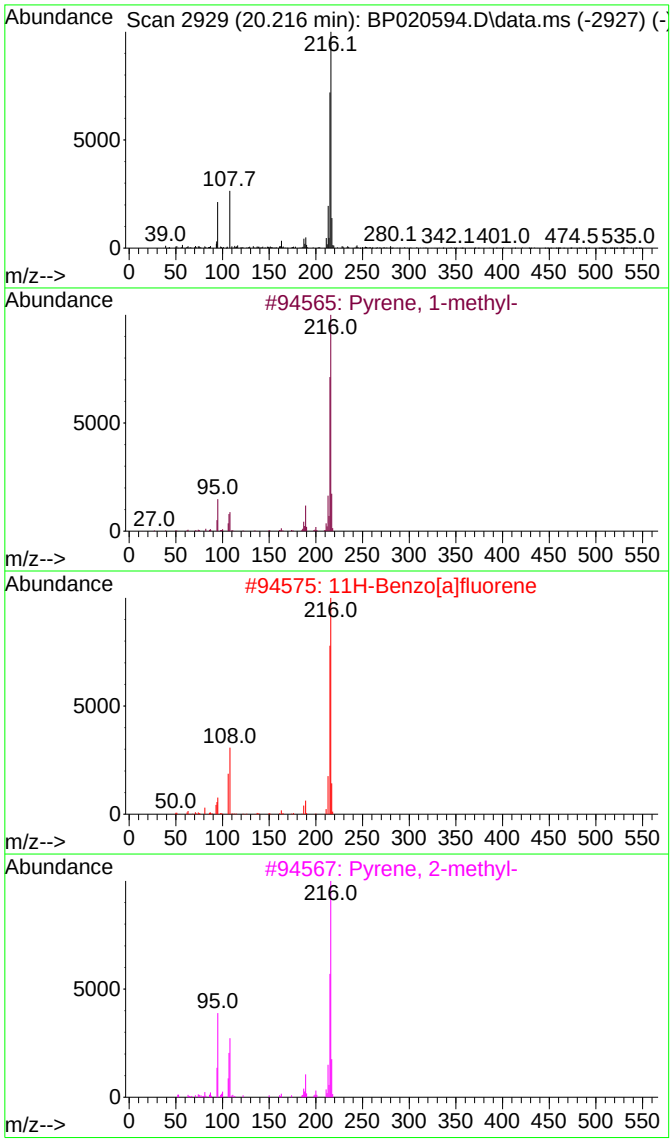
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

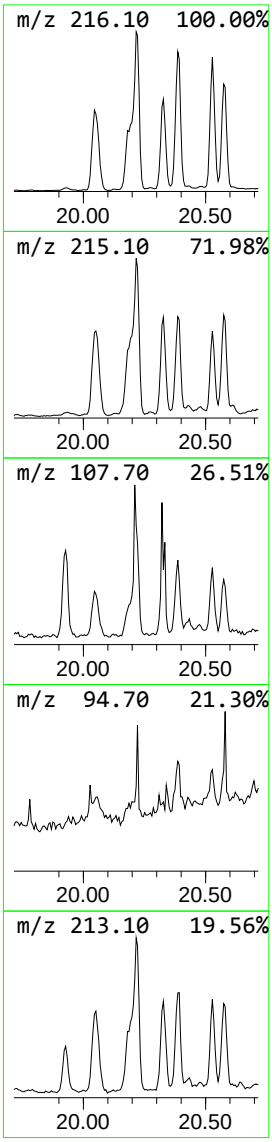
****

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.74 ng	1035890	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	68
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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ALS Vial : 12 Sample Multiplier: 1

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BNA_P
ClientSampleId :
HD-02-060724

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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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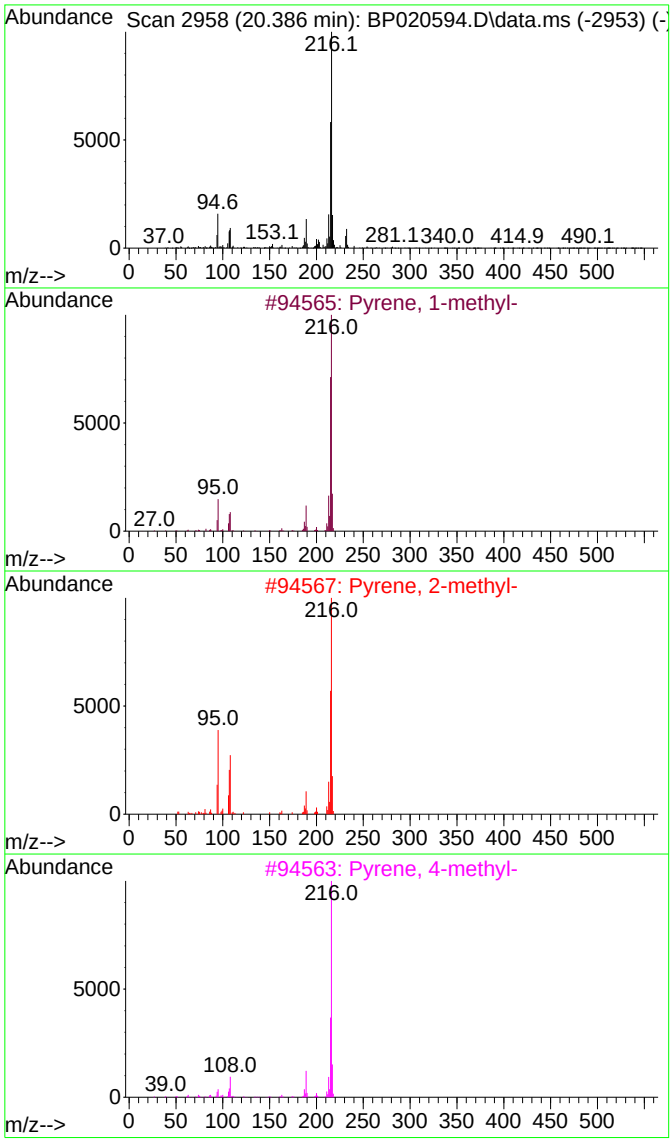
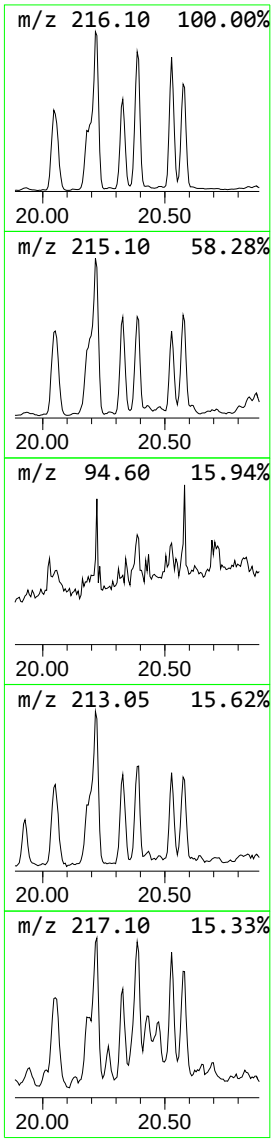
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	3.64 ng	1377300	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Tentatively Identified Compound (LSC) summary

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Data File : BP020594.D
Acq On : 11 Jun 2024 19:21
Operator : MA/JU
Sample : P2786-01 2X
Misc :
ALS Vial : 12 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.028	16.6	ng	1599840	1	7.758	1923790	20.0
2,4,7,9-Tetrame...	13.281	6.7	ng	1240090	3	14.375	3681880	20.0
Phthalic acid, ...	17.492	2.9	ng	570255	4	17.187	4000740	20.0
Dibenzothiophen...	17.781	2.6	ng	526419	4	17.187	4000740	20.0
Anthracene, 2-m...	18.092	6.5	ng	1291870	4	17.187	4000740	20.0
Phenanthrene, 2...	18.139	13.3	ng	2653530	4	17.187	4000740	20.0
1H-Cyclopropa[l...	18.228	4.0	ng	791523	4	17.187	4000740	20.0
4H-Cyclopenta[d...	18.298	10.8	ng	2157180	4	17.187	4000740	20.0
1H-Indene, 1-ph...	18.339	4.1	ng	826720	4	17.187	4000740	20.0
Naphthalene, 2-...	18.616	3.1	ng	611664	4	17.187	4000740	20.0
9,10-Anthracene...	18.657	3.5	ng	707080	4	17.187	4000740	20.0
Phenanthrene, 2...	19.051	4.7	ng	929564	4	17.187	4000740	20.0
unknown19.116	19.116	3.1	ng	617077	4	17.187	4000740	20.0
Cyclopenta(def)...	19.198	4.5	ng	897333	4	17.187	4000740	20.0
Pyrene, 1-methyl-	20.051	3.6	ng	1356610	5	21.645	7563130	20.0
11H-Benzo[a]flu...	20.216	2.7	ng	1035890	5	21.645	7563130	20.0
Pyrene, 2-methyl-	20.386	3.6	ng	1377300	5	21.645	7563130	20.0