LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : STOCKPILE-COMP-1

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_M\Methods\8270-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029664.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.393	83	86	102	rBV	350527	476927	8.66%	0.775%
2	5.217	387	396	413	rBV	870492	1266980	23.01%	2.058%
3	6.799	656	665	677	rBV	843281	1356872	24.64%	2.204%
4	7.616	797	804	813	rBV	293881	464043	8.43%	0.754%
5	8.769	993	1000	1009	rBV	479670	818730	14.87%	1.330%
6	10.399	1269	1277	1282	rBV	348900	613519	11.14%	0.996%
7	12.881	1691	1699	1713	rBV	1527904	2202766	40.00%	3.578%
8	13.728	1837	1843	1847	rBV2	60582	92812	1.69%	0.151%
9	13.987	1880	1887	1897	rBV	205183	341871	6.21%	0.555%
10	14.263	1925	1934	1941	rBV	593059	908027	16.49%	1.475%
11	14.328	1941	1945	1954	rVB	65038	104720	1.90%	0.170%
12	14.663	1995	2002	2010	rBV	60898	109564	1.99%	0.178%
13	15.316	2108	2113	2125	rVB	137286	217623	3.95%	0.353%
14	15.616	2159	2164	2168	rBV	46743	74542	1.35%	0.121%
15	15.757	2180	2188	2197	rBV	1283297	1819334	33.04%	2.955%
16	15.992	2223	2228	2236	rBV6	56741	113768	2.07%	0.185%
17	16.322	2278	2284	2288	rBV2	46556	84575	1.54%	0.137%
18	16.669	2339	2343	2350	rVB3	53122	84620	1.54%	0.137%
19	16.745	2351	2356	2361	rBV2	41456	83649	1.52%	0.136%
20	16.828	2366	2370	2379	rVB	84964	152238	2.76%	0.247%
21	17.010	2395	2401	2404	rBV	727012	1035124	18.80%	1.681%
22	17.051	2404	2408	2415	rVV	1772838	2405652	43.69%	3.907%
23	17.139	2418	2423	2429	rVV	616971	884499	16.06%	1.437%
24	17.198	2429	2433	2439	rVB4	44813	80561	1.46%	0.131%
25	17.416	2466	2470	2473	rBV	53089	73120	1.33%	0.119%
26	17.528	2485	2489	2494	rVV3	54533	81081	1.47%	0.132%
27	17.592	2496	2500	2509	rVB3	40396	78194	1.42%	0.127%
28	17.880	2544	2549	2553	rBV	211285	324883	5.90%	0.528%
29	17.928	2553	2557	2566	rVV	357423	629042	11.42%	1.022%
30	18.010	2566	2571	2576	rVV	164005	243674	4.43%	0.396%
31	18.080	2576	2583	2587	rVV3	448615	817680	14.85%	1.328%
32	18.110	2587	2588	2595	rVB2	165817	193927	3.52%	0.315%
33	18.386	2631	2635	2639	rBV	190716	255371	4.64%	0.415%
34	18.427	2639	2642	2647	rVB2	70255	106236	1.93%	0.173%
35	18.639	2674	2678	2681	rVB	50491	62318	1.13%	0.101%
36	18.686	2682	2686	2689	rVV	69665	91080	1.65%	0.148%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : STOCKPILE-COMP-1

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_M\Methods\8270-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.727	2689	2693	2696	rVB	60869	77594	1.41%	0.126%
38	18.810	2702	2707	2711	rBV	145242	245790	4.46%	0.399%
39	18.869	2711	2717	2721	rVV3	119459	209170	3.80%	0.340%
40	18.951	2726	2731	2738	rBV2	146791	256896	4.67%	0.417%
41	19.075	2746	2752	2759	rBV	4357798	5506541	100.00%	8.944%
42	19.139	2760	2763	2766	rVV	56019	76508	1.39%	0.124%
43	19.169	2766	2768	2771	rVV2	59266	73170	1.33%	0.119%
44	19.222	2771	2777	2781	rVB	141929	235298	4.27%	0.382%
45	19.316	2789	2793	2796	rBV	86657	115985	2.11%	0.188%
46	19.439	2809	2814	2822	rVB	3420471	4840074	87.90%	7.861%
47	19.510	2822	2826	2833	rVB2	148973	253359	4.60%	0.412%
48	19.645	2839	2849	2853	rBV	2793012	3637883	66.06%	5.909%
49	19.769	2863	2870	2875	rBV3	214694	546372	9.92%	0.887%
50	19.898	2887	2892	2894	rBV5	158623	278887	5.06%	0.453%
51	19.933	2894	2898	2902	rVB	569962	764256	13.88%	1.241%
52	20.033	2911	2915	2919	rBV	477396	559258	10.16%	0.908%
53	20.086	2919	2924	2929	rVV2	300649	481769	8.75%	0.783%
54	20.227	2945	2948	2952	rBV	148126	174787	3.17%	0.284%
55	20.274	2952	2956	2961	rVV	158586	233864	4.25%	0.380%
56	20.680	3021	3025	3031	rVB	210991	317503	5.77%	0.516%
57	20.845	3049	3053	3056	rBV2	205697	266177	4.83%	0.432%
58	20.880	3056	3059	3062	rVV	279492	299069	5.43%	0.486%
59	20.921	3062	3066	3071	rVV2	497536	753048	13.68%	1.223%
60	20.974	3072	3075	3082	rVB	229282	325903	5.92%	0.529%
61	21.186	3106	3111	3116	rBV2	2630020	4853818	88.15%	7.884%
62	21.233	3116	3119	3129	rVB	1932162	2410588	43.78%	3.915%
63	21.351	3135	3139	3144	rBV	336666	557557	10.13%	0.906%
64	21.504	3161	3165	3170	rVB2	198293	314205	5.71%	0.510%
65	21.739	3202	3205	3208	rVB	305036	359666	6.53%	0.584%
66	22.733	3368	3374	3379	rBV	1702481	3846772	69.86%	6.248%
67	22.898	3398	3402	3409	rVB	387457	639453	11.61%	1.039%
68	23.198	3448	3453	3461	rVB	945680	1784382	32.40%	2.898%
69	23.292	3463	3469	3476	rBV	1655048	2868429	52.09%	4.659%
70	23.386	3480	3485	3489	rBV	651758	1102545	20.02%	1.791%
71	25.580	3852	3858	3869	rVB	758402	2078758	37.75%	3.376%
72	26.256	3968	3973	3986	rVB2	551497	1472917	26.75%	2.392%

Sum of corrected areas: 61567873

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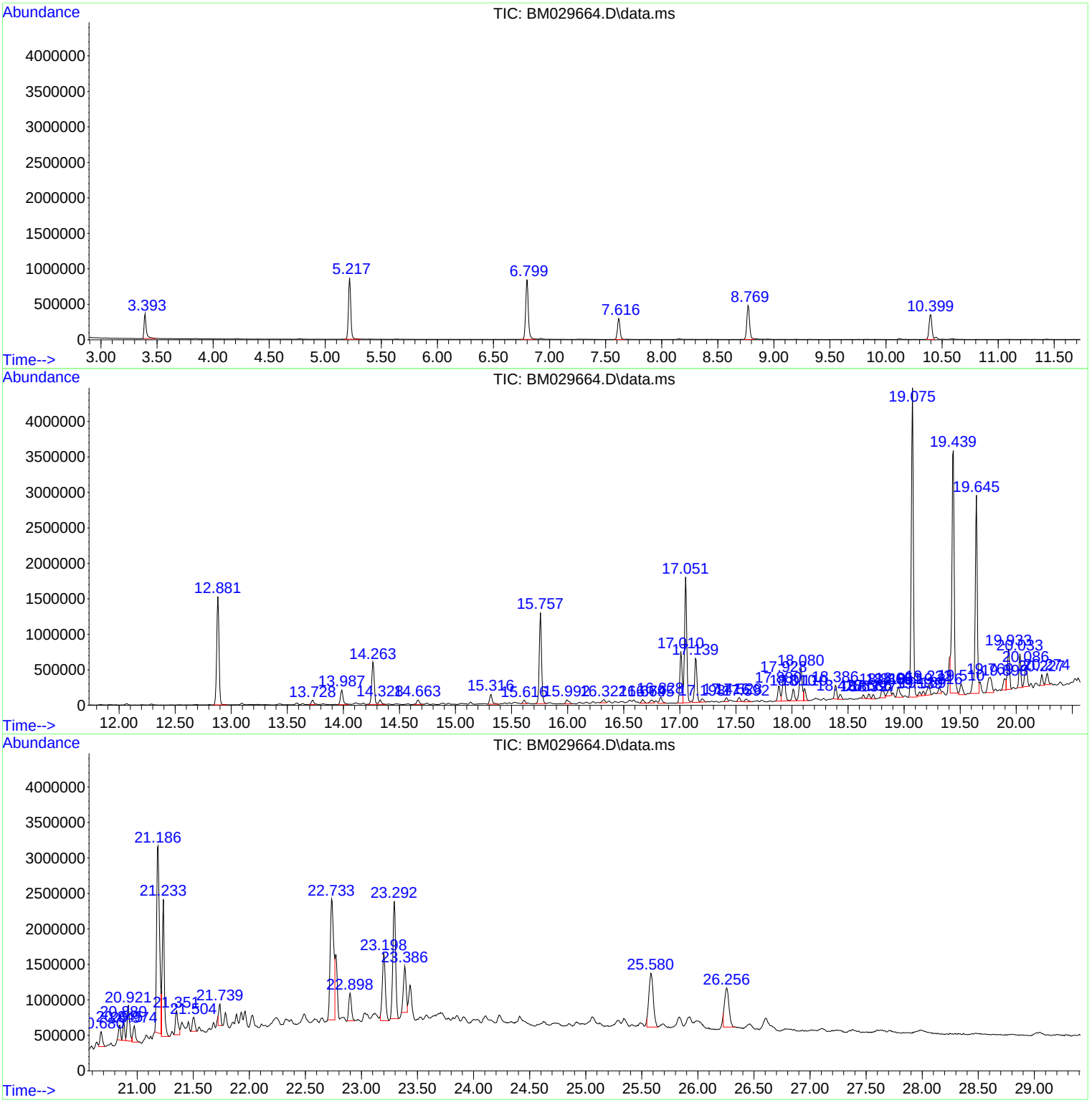
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

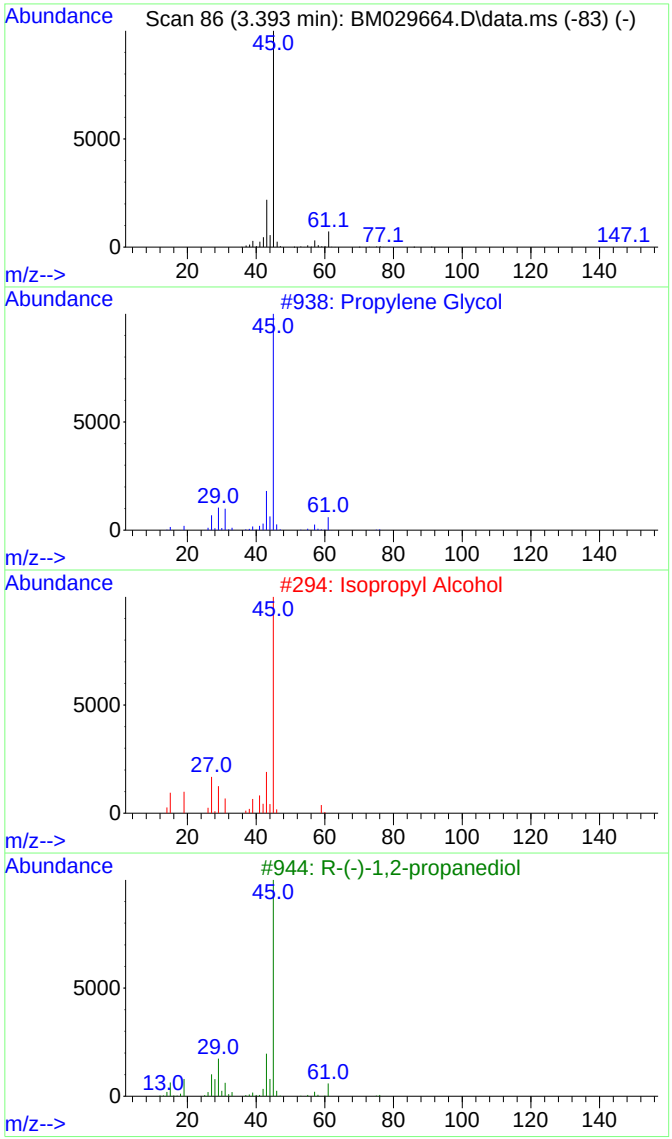
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

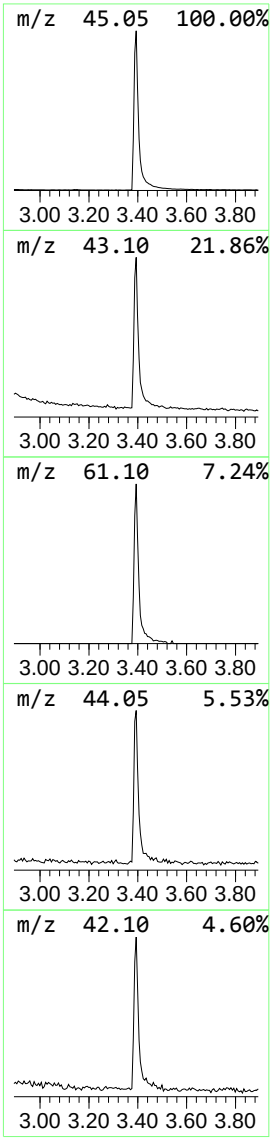
****

Peak Number 1 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.393	20.56 ng	476927	1,4-Dichlorobenzene-d4	7.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	9
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9
5	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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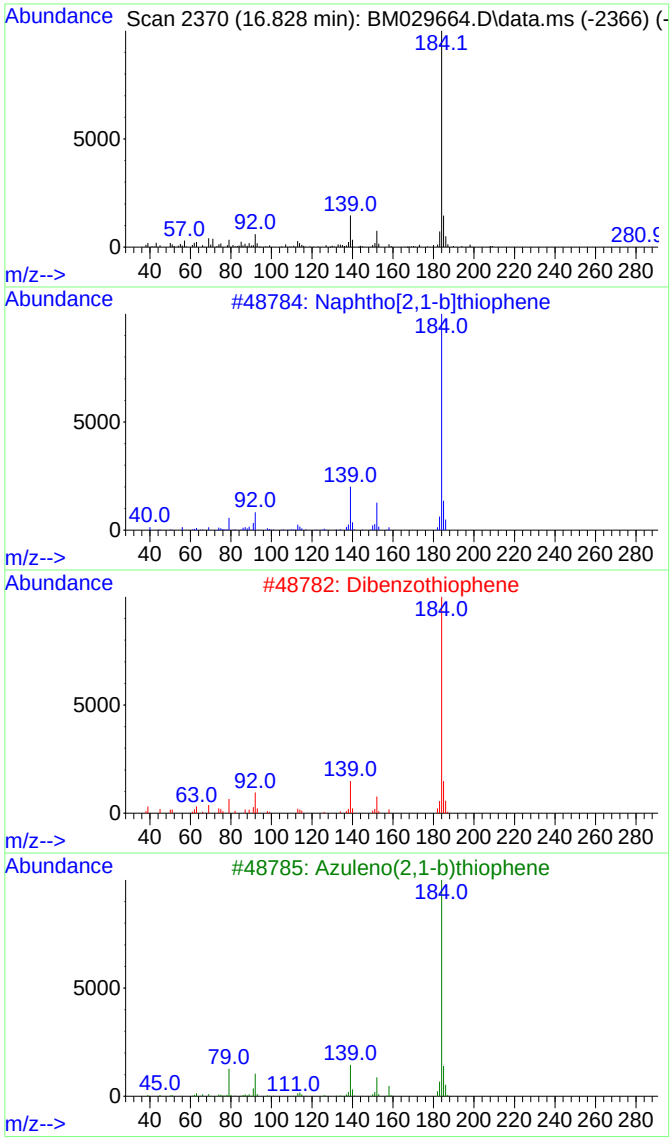
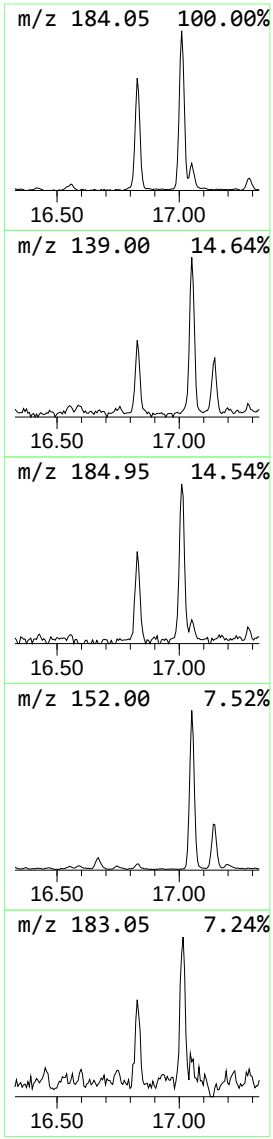
Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.828	2.94 ng	152238	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029664.D
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Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

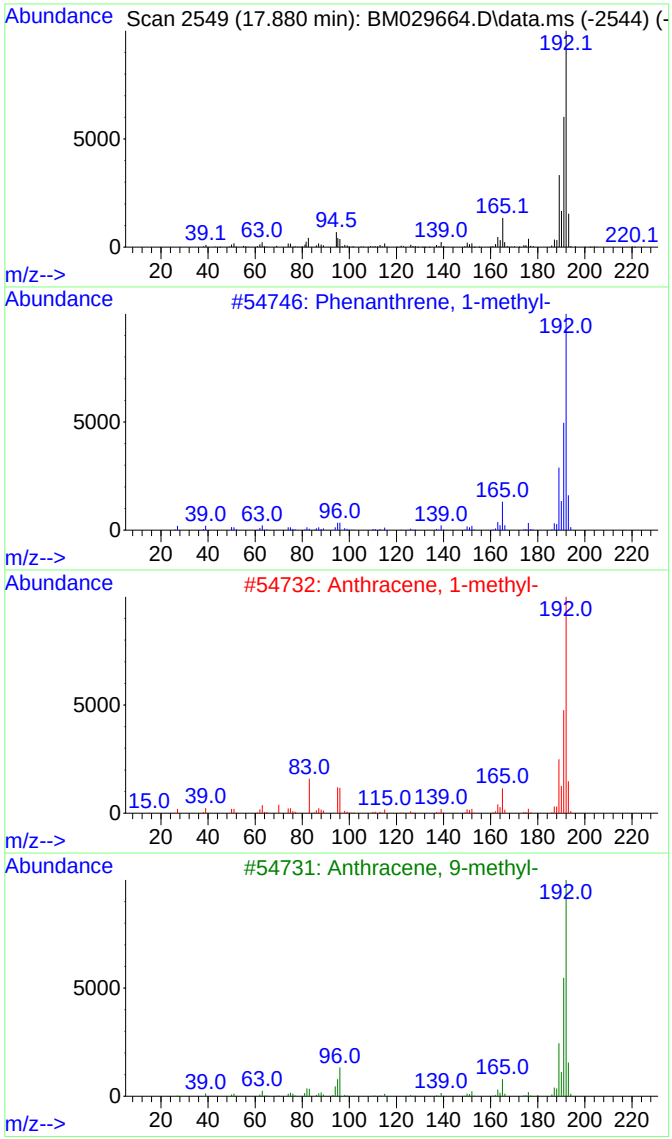
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

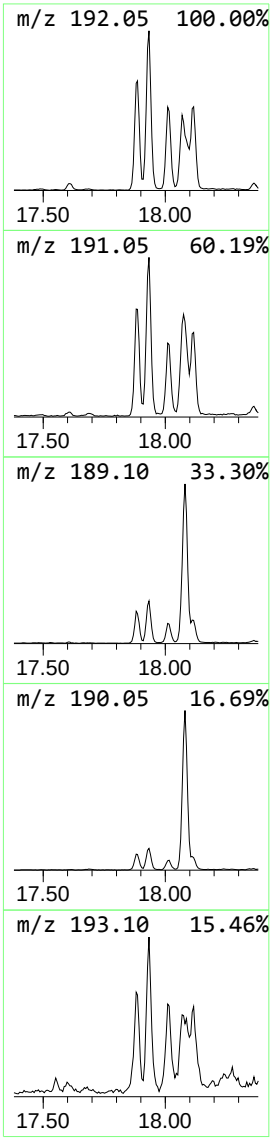
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	6.28 ng	324883	Phenanthrene-d10	17.010

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





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Data File : BM029664.D
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Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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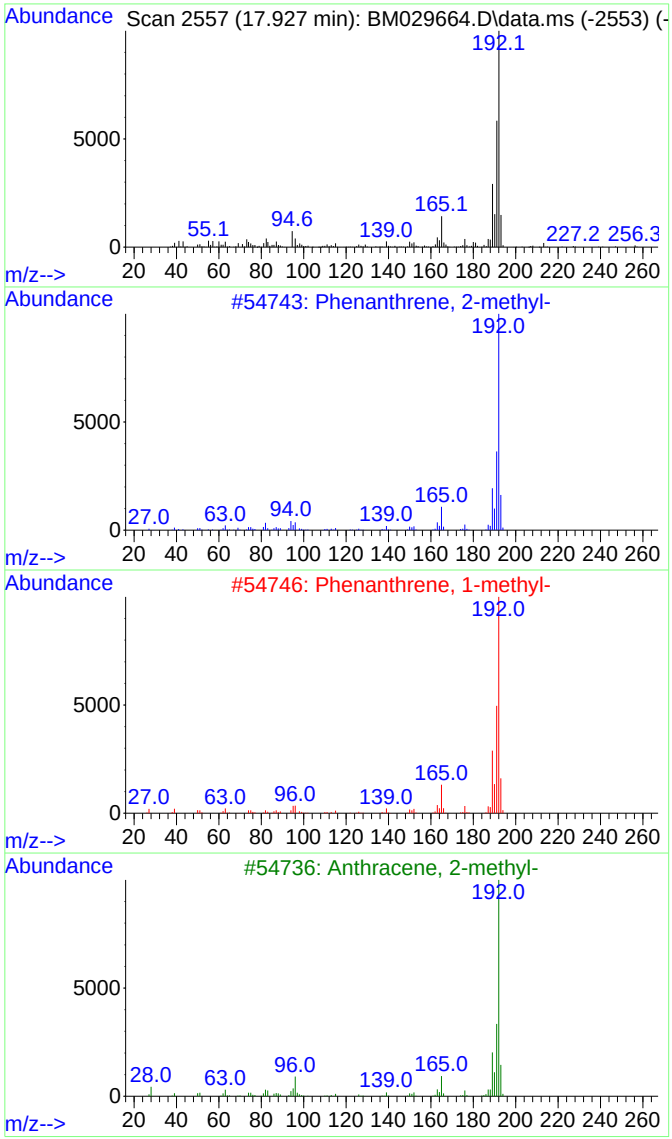
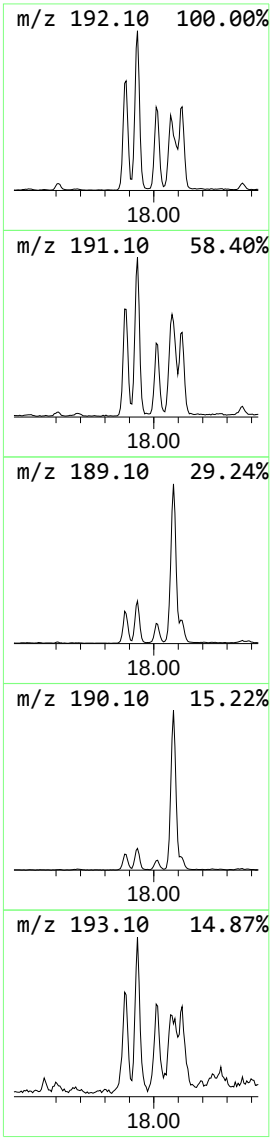
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	12.15 ng	629042	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

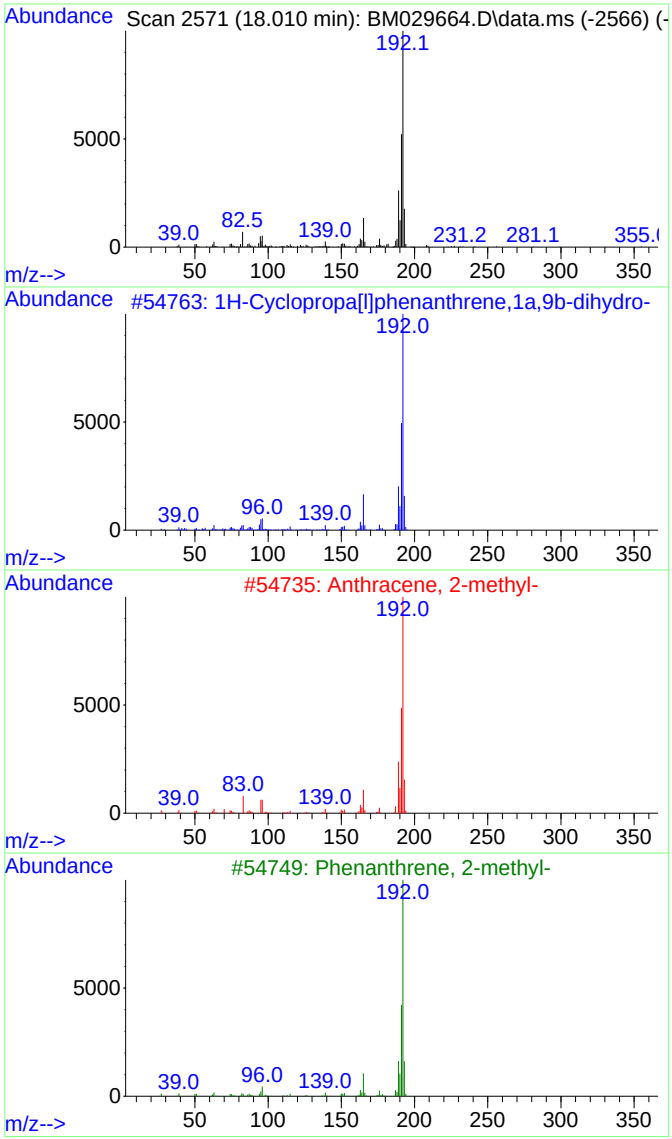
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

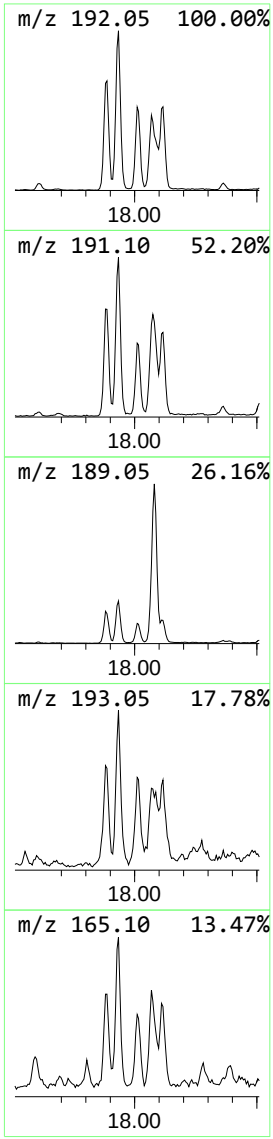
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	4.71 ng	243674	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

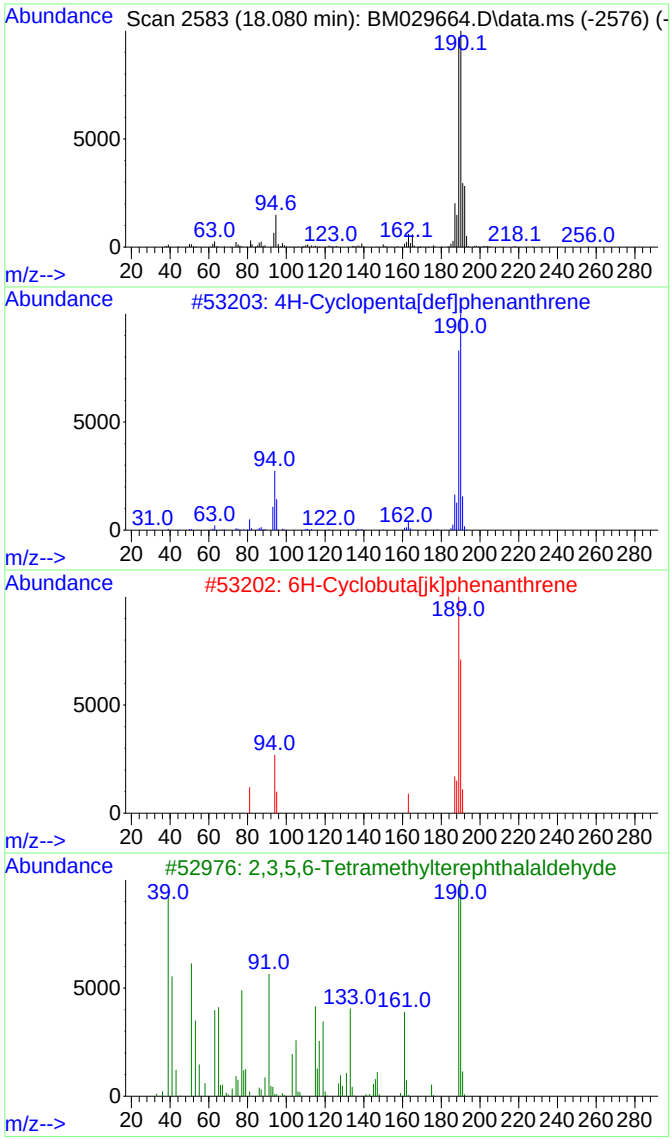
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

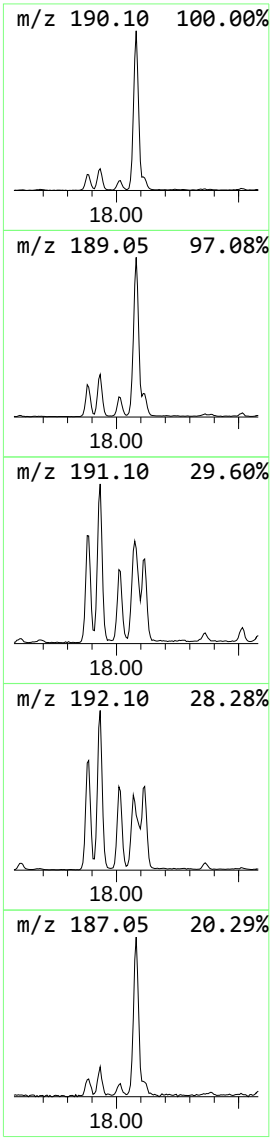
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	15.80 ng	817680	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

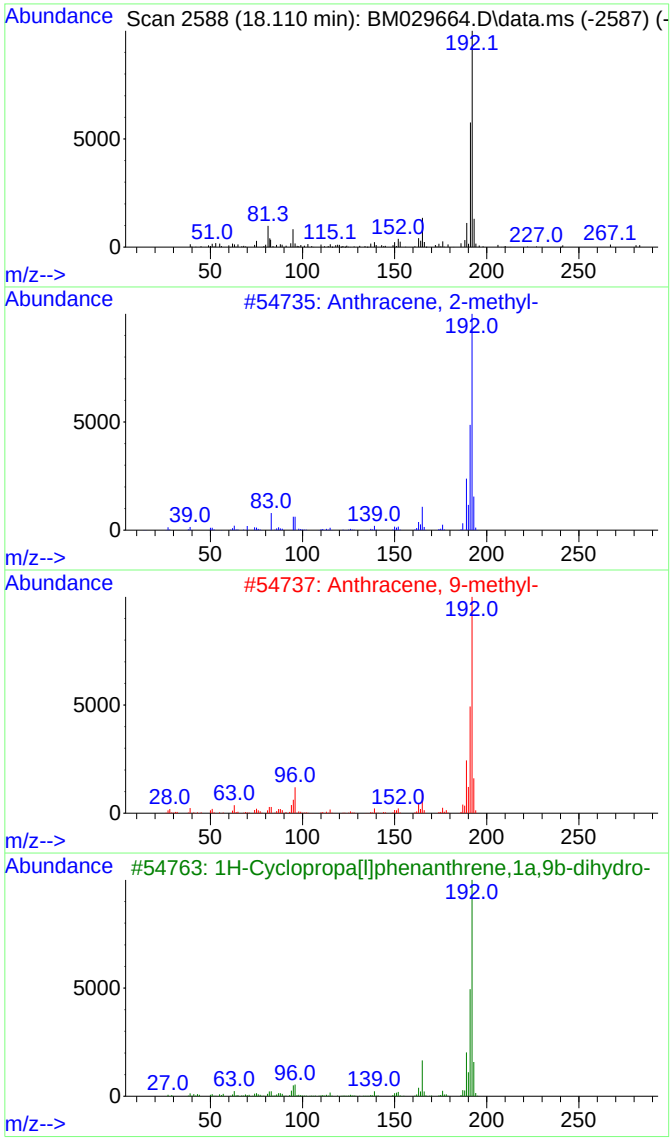
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

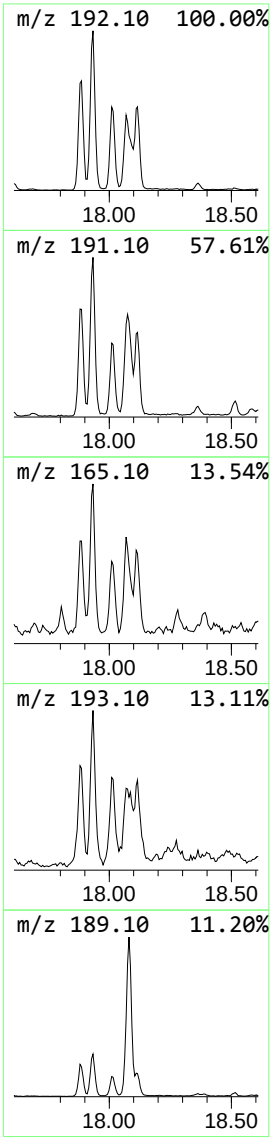
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	3.75 ng	193927	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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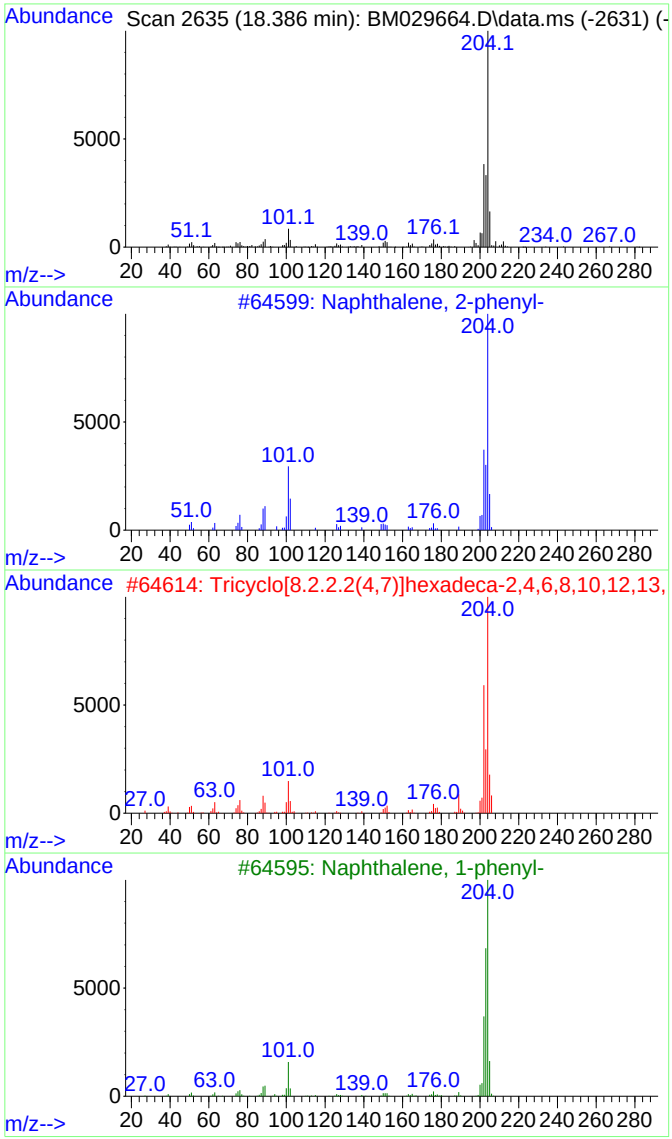
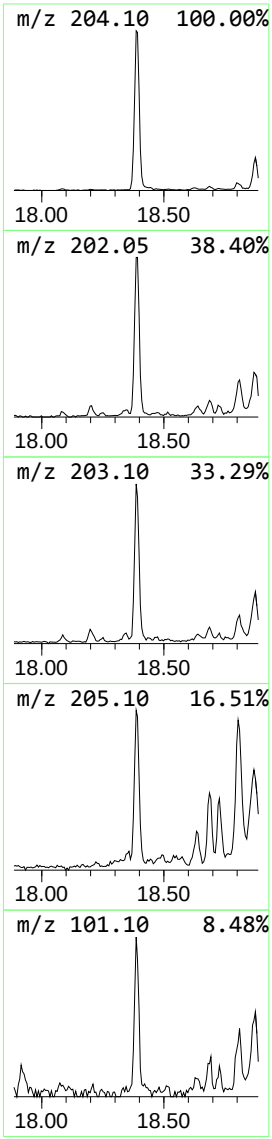
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	4.93 ng	255371	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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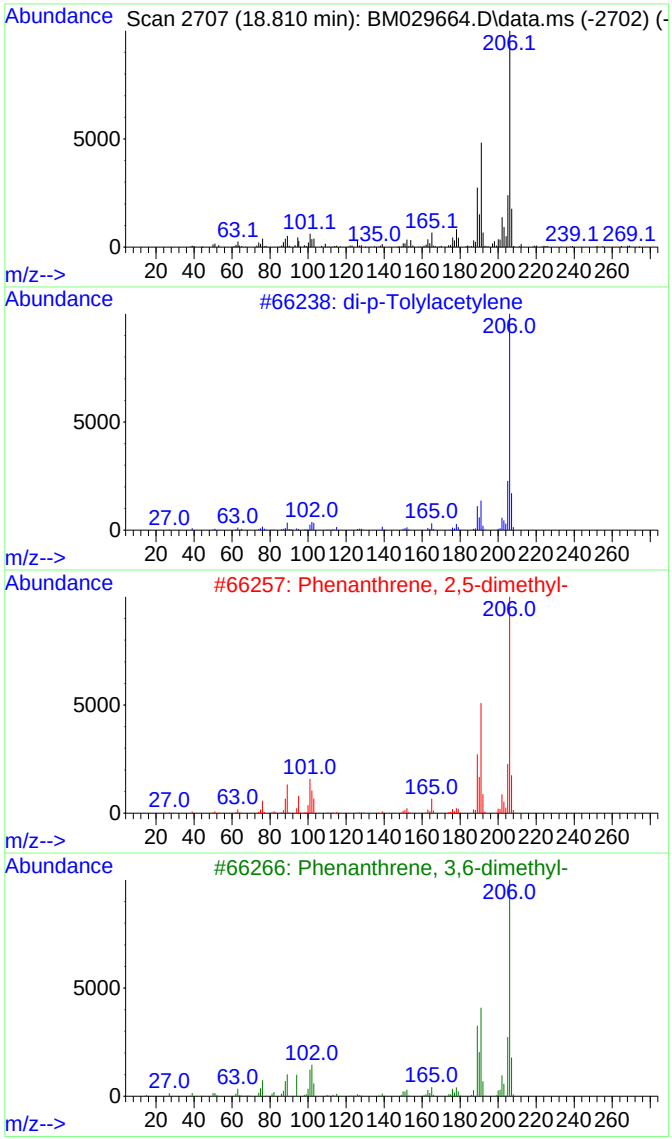
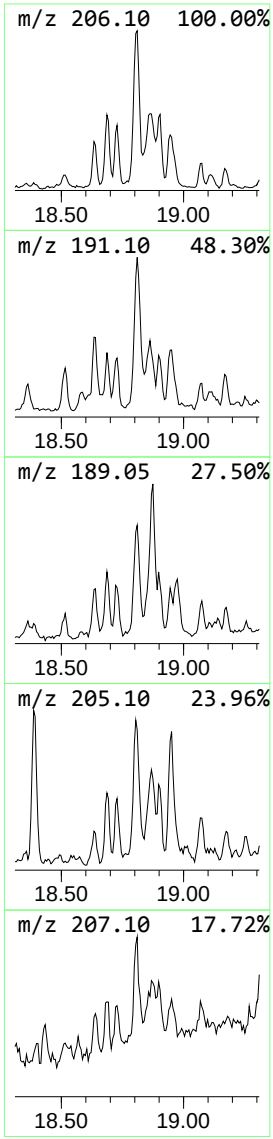
Peak Number 11 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	4.75 ng	245790	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	86





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Sample : M2176-04
Misc :
ALS Vial : 17 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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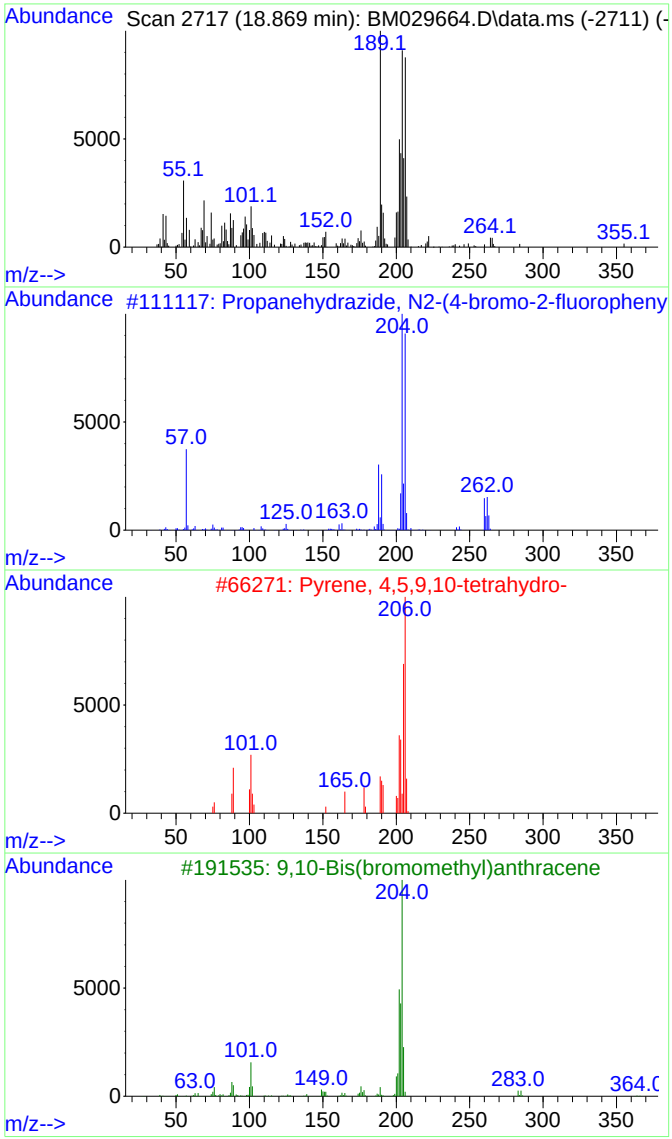
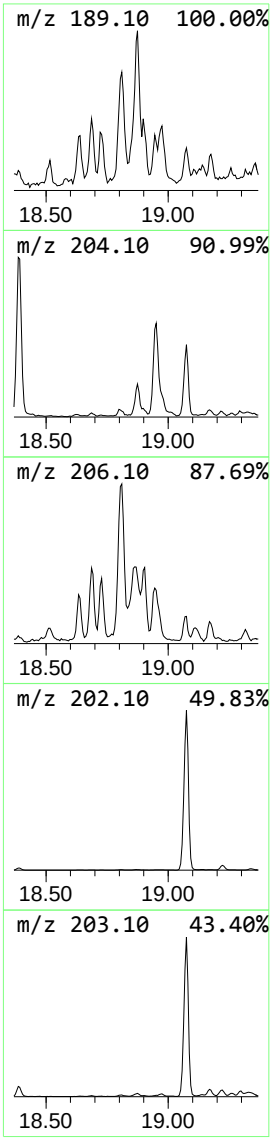
Peak Number 12 unknown18.869 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	4.04 ng	209170	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanehydrazide, N2-(4-bromo-2-...	260	C9H10BrFN2O	1000272-78-2	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	3-Acetyl-2,5-dimethylbenzo(b)thi...	204	C12H12OS	006179-04-0	35
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	30





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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
STOCKPILE-COMP-1

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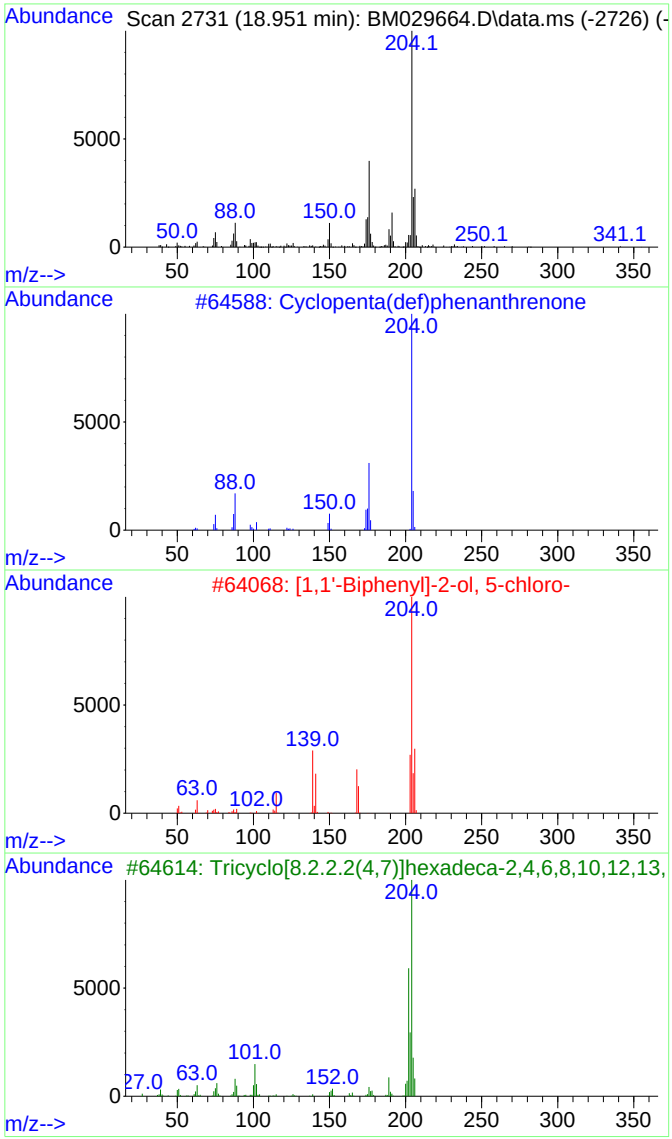
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

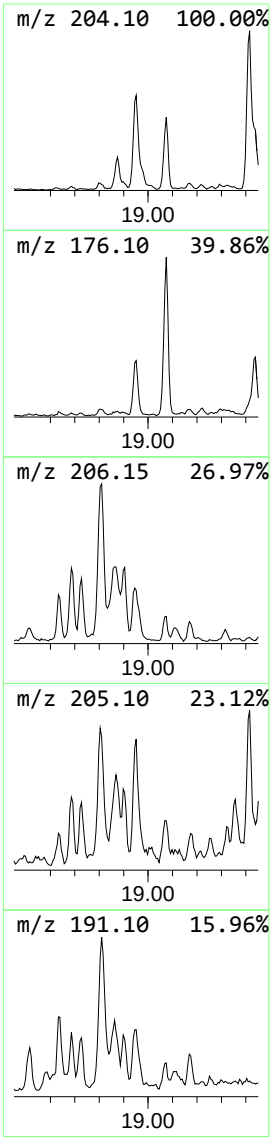
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	4.96 ng	256896	Phenanthrene-d10	17.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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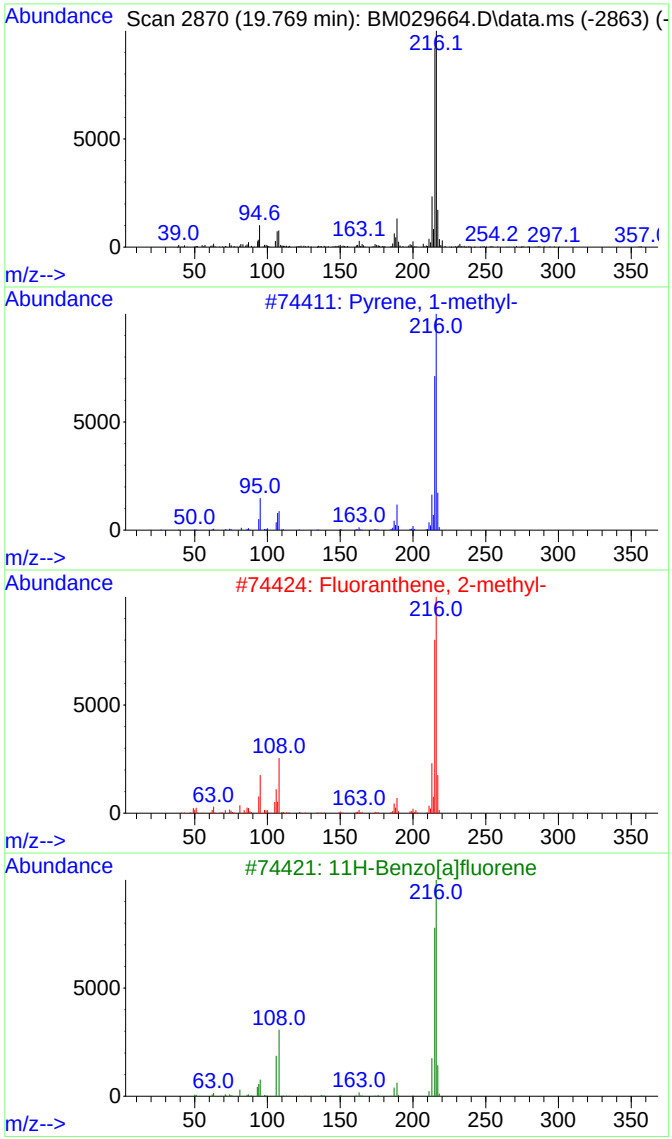
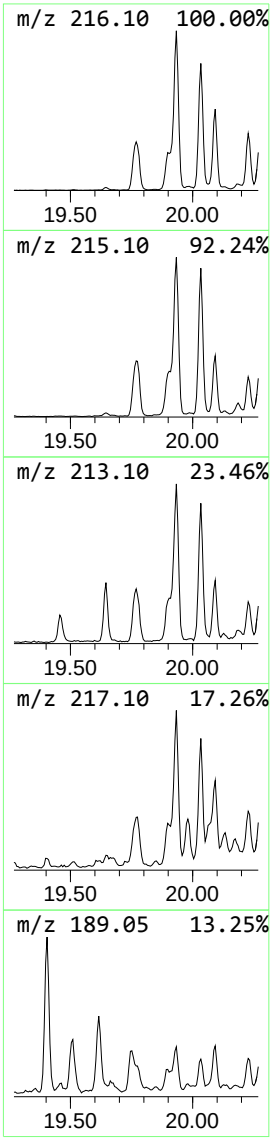
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.769	2.25 ng	546372	Chrysene-d12	21.198

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	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Sample : M2176-04
Misc :
ALS Vial : 17 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\NIST11.L
TIC Integration Parameters: LSCINT.P

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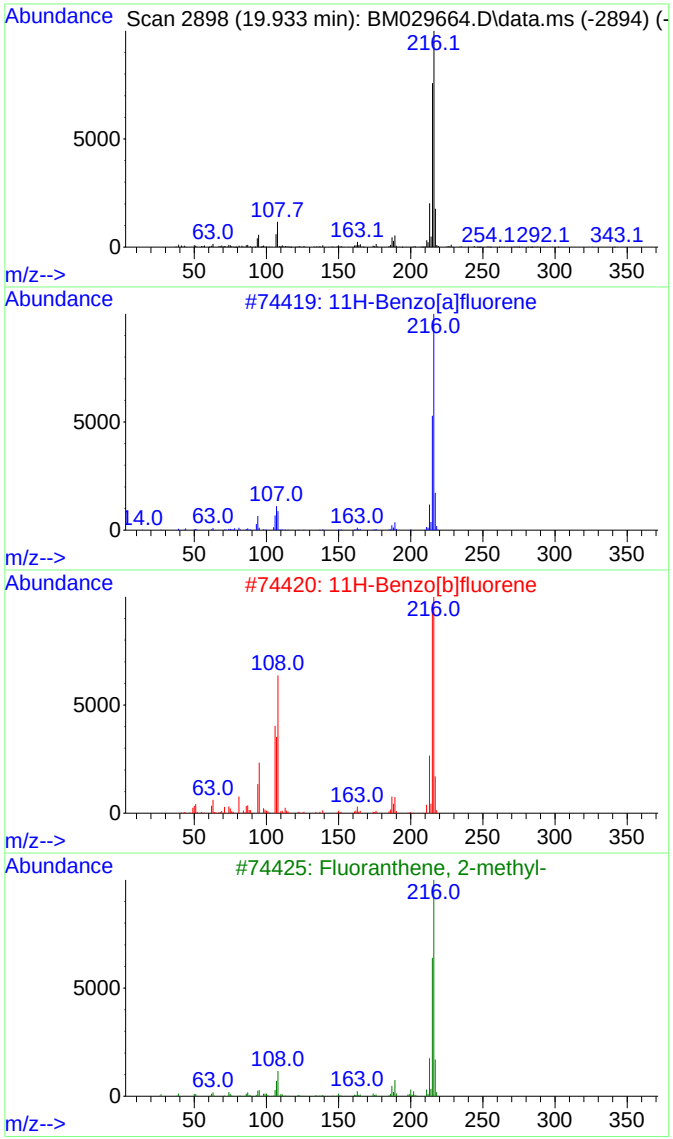
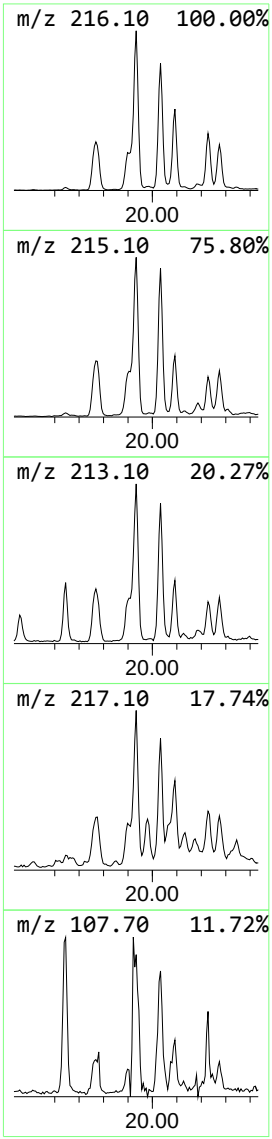
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.933	3.15 ng	764256	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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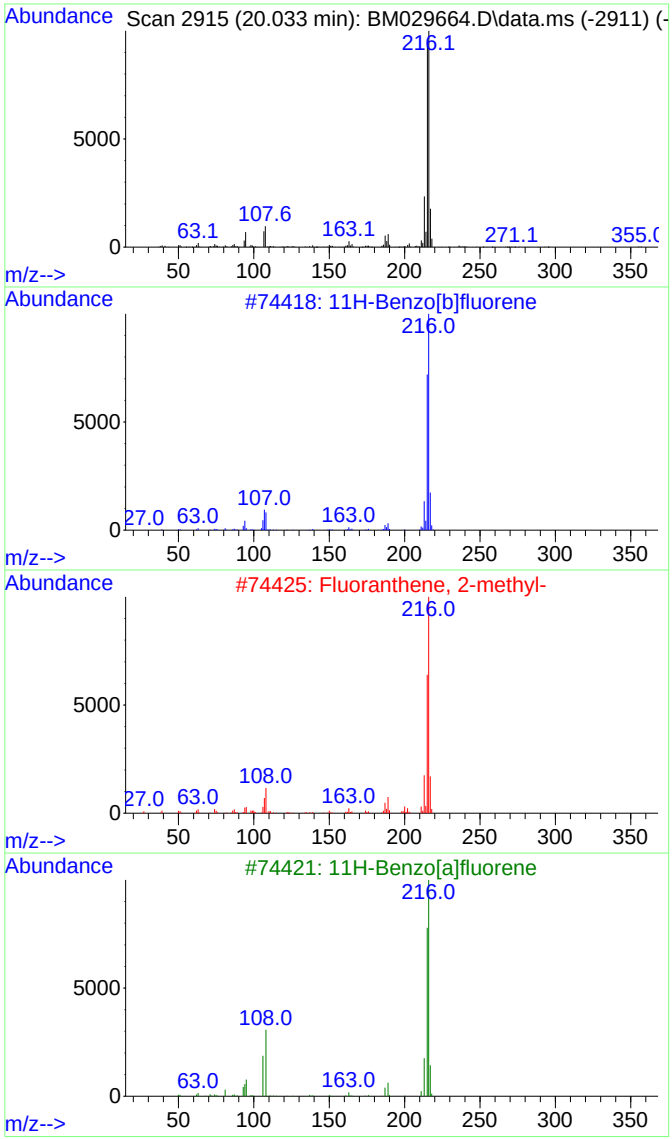
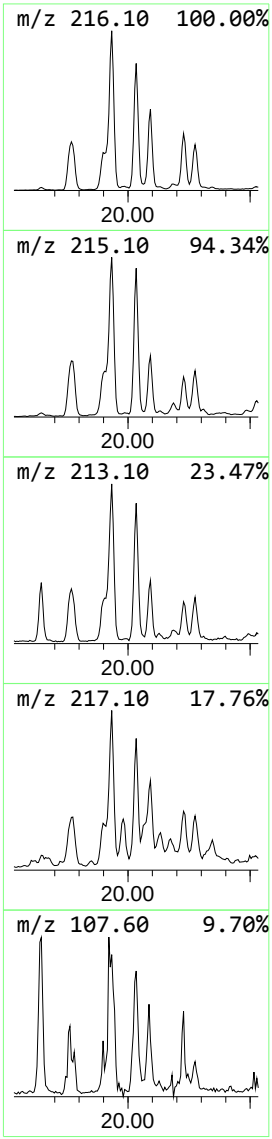
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.033	2.30 ng	559258	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

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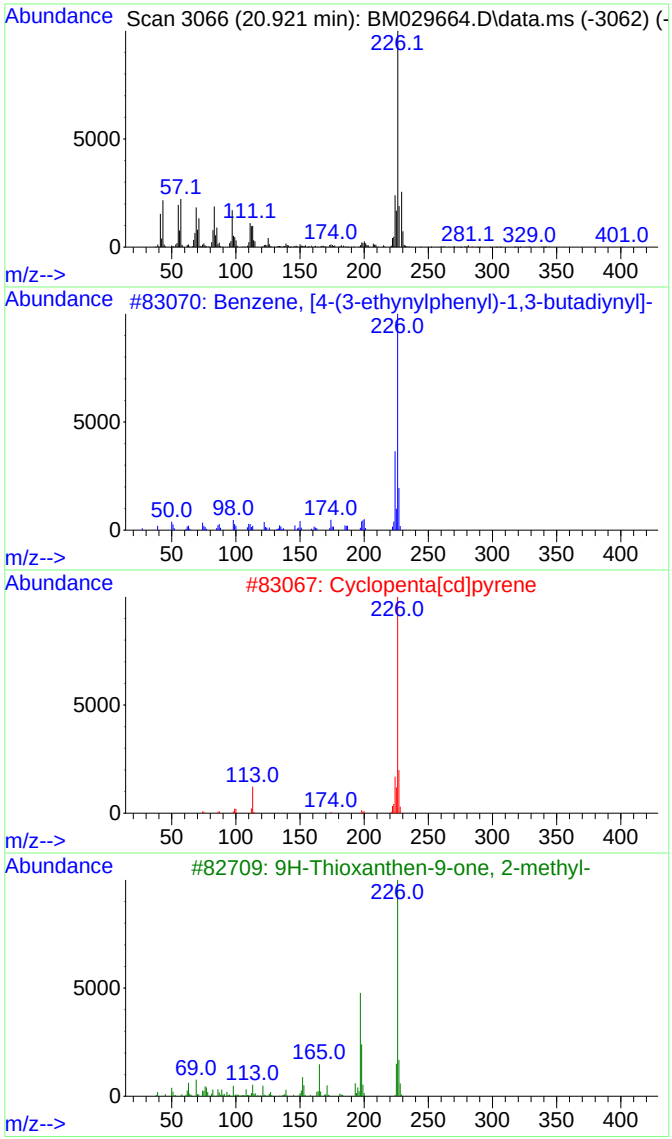
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

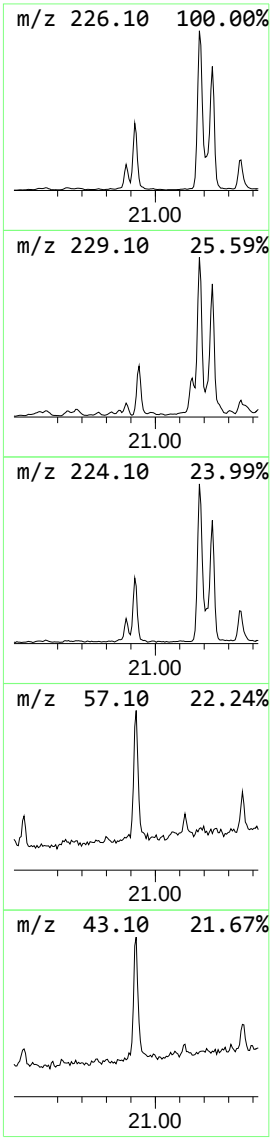
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, [4-(3-ethynylpheny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	3.10 ng	753048	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	53
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	47
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	38





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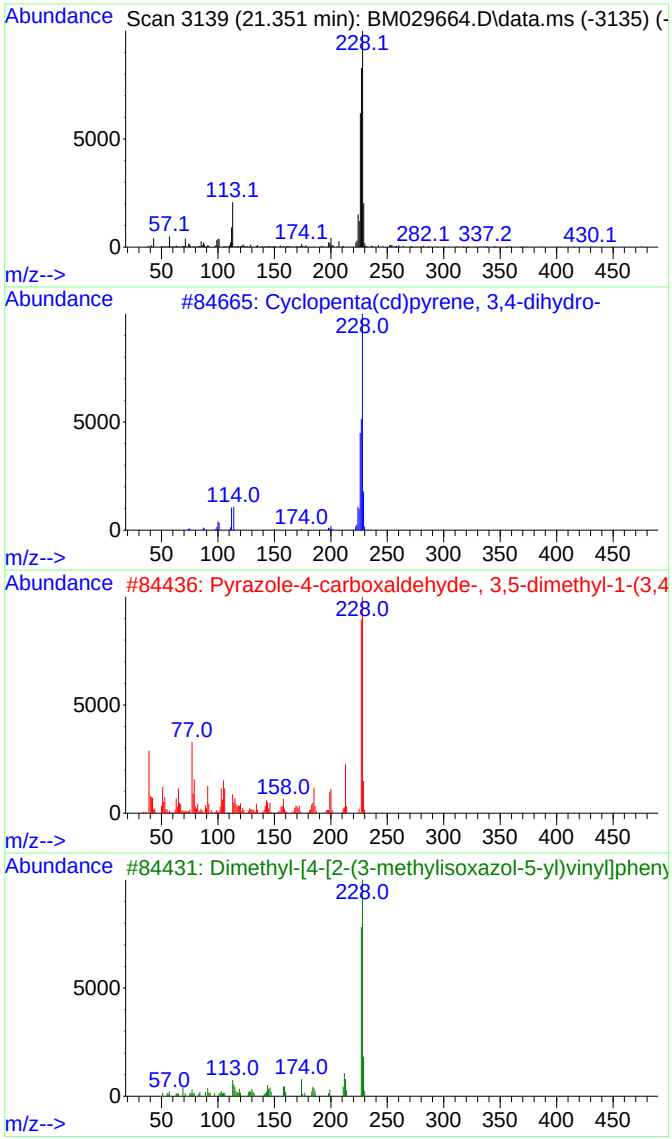
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

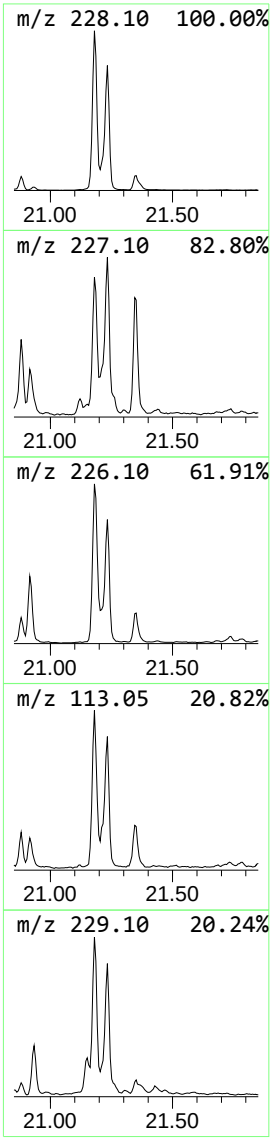
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.351	2.30 ng	557557	Chrysene-d12	21.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
4	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	50
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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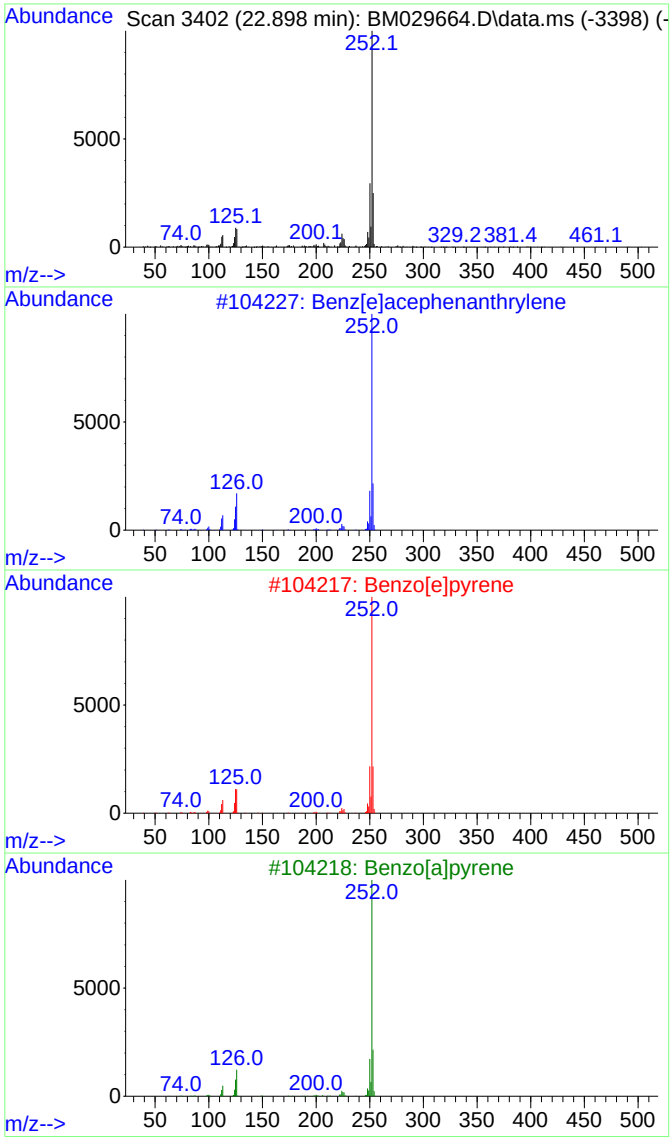
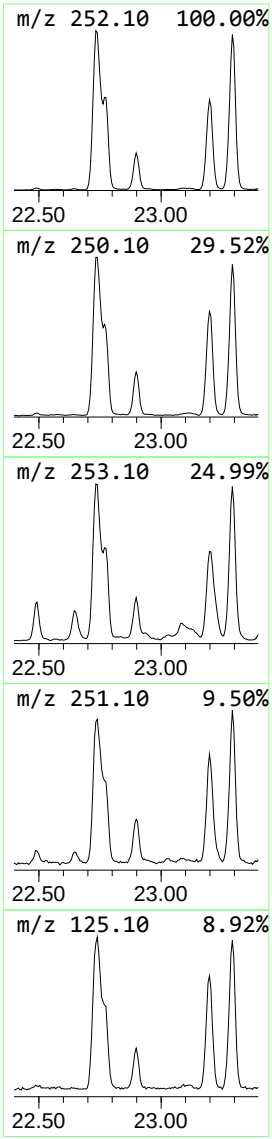
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.898	11.60 ng	639453	Perylene-d12	23.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	90
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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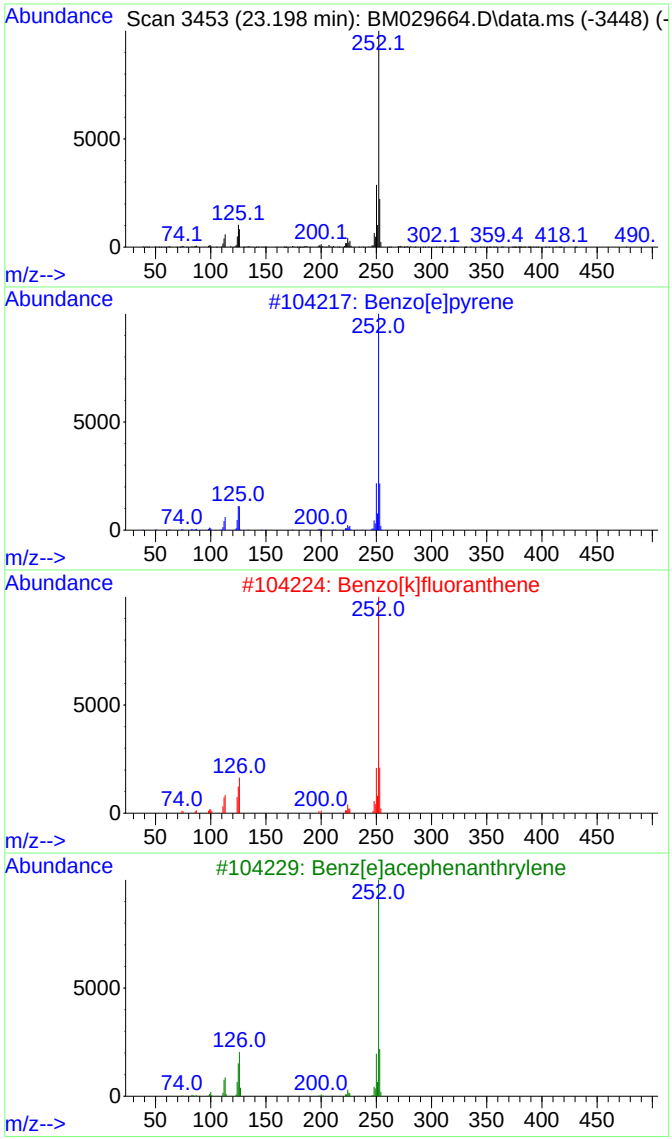
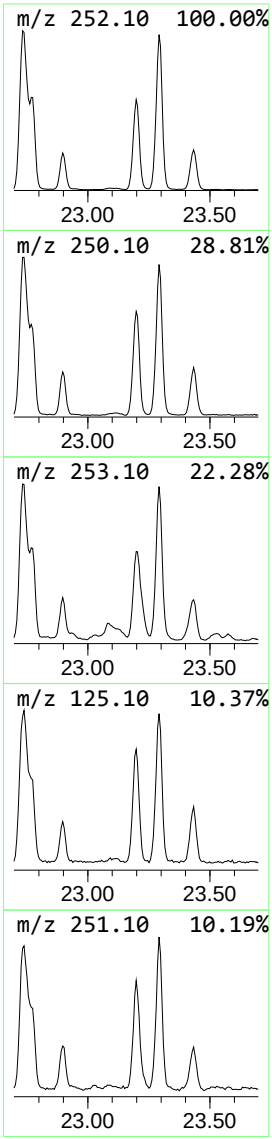
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.198	32.37 ng	1784380	Perylene-d12	23.386

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	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029664.D
Acq On : 26 Apr 2021 23:51
Operator : CG/JU
Sample : M2176-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : STOCKPILE-COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propylene Glycol	3.393	20.6	ng	476927	1	7.616	464043	20.0
Naphtho[2,1-b]t...	16.828	2.9	ng	152238	4	17.010	1035120	20.0
Phenanthrene, 1...	17.881	6.3	ng	324883	4	17.010	1035120	20.0
Phenanthrene, 2...	17.927	12.2	ng	629042	4	17.010	1035120	20.0
1H-Cyclopropa[l...	18.010	4.7	ng	243674	4	17.010	1035120	20.0
4H-Cyclopenta[d...	18.080	15.8	ng	817680	4	17.010	1035120	20.0
Anthracene, 2-m...	18.110	3.8	ng	193927	4	17.010	1035120	20.0
Naphthalene, 2-...	18.386	4.9	ng	255371	4	17.010	1035120	20.0
di-p-Tolylacety...	18.810	4.8	ng	245790	4	17.010	1035120	20.0
unknown18.869	18.869	4.0	ng	209170	4	17.010	1035120	20.0
Cyclopenta(def)...	18.951	5.0	ng	256896	4	17.010	1035120	20.0
Pyrene, 1-methyl-	19.769	2.3	ng	546372	5	21.198	4853820	20.0
11H-Benzo[a]flu...	19.933	3.1	ng	764256	5	21.198	4853820	20.0
11H-Benzo[b]flu...	20.033	2.3	ng	559258	5	21.198	4853820	20.0
Benzene, [4-(3-...	20.921	3.1	ng	753048	5	21.198	4853820	20.0
Cyclopenta(cd)p...	21.351	2.3	ng	557557	5	21.198	4853820	20.0
Benzo[e]pyrene	22.898	11.6	ng	639453	6	23.386	1102550	20.0
Perylene	23.198	32.4	ng	1784380	6	23.386	1102550	20.0