LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

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_G\METHODS\8270-BG031621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048408.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.192	308	315	322	rVB	35122	61106	2.17%	0.164%
2	5.662	387	395	405	rBV	955035	1524819	54.25%	4.101%
3	7.260	659	667	678	rBV	1052035	1802237	64.12%	4.847%
4	8.118	805	813	819	rBV	251573	439701	15.64%	1.183%
5	9.281	1002	1011	1019	rBV	663081	1176316	41.85%	3.164%
6	10.938	1285	1293	1299	rBV	333432	601570	21.40%	1.618%
7	10.985	1299	1301	1309	rVB2	24866	39846	1.42%	0.107%
8	13.377	1701	1708	1719	rVB	1612114	2453823	87.30%	6.600%
9	14.193	1842	1847	1852	rBV2	27860	52661	1.87%	0.142%
10	14.481	1891	1896	1902	rBV	38163	66994	2.38%	0.180%
11	14.751	1932	1942	1949	rBV	502987	828781	29.49%	2.229%
12	15.151	2004	2010	2014	rBV2	26171	45710	1.63%	0.123%
13	15.380	2036	2049	2053	rBV9	17755	43657	1.55%	0.117%
14	15.686	2097	2101	2107	rBV3	21696	37625	1.34%	0.101%
15	16.003	2151	2155	2158	rBV5	17660	28599	1.02%	0.077%
16	16.238	2187	2195	2203	rVB	1358292	2067222	73.55%	5.560%
17	16.373	2214	2218	2220	rBV3	24900	35159	1.25%	0.095%
18	16.397	2220	2222	2229	rVB7	29125	47527	1.69%	0.128%
19	16.479	2229	2236	2240	rBV7	32916	70240	2.50%	0.189%
20	16.814	2285	2293	2297	rBV9	17422	40634	1.45%	0.109%
21	16.890	2302	2306	2311	rVB7	20271	31928	1.14%	0.086%
22	17.160	2348	2352	2357	rVB3	63510	99911	3.55%	0.269%
23	17.231	2360	2364	2370	rBV8	21514	45029	1.60%	0.121%
24	17.319	2377	2379	2387	rVB9	18929	34315	1.22%	0.092%
25	17.507	2404	2411	2415	rBV	620642	988354	35.16%	2.658%
26	17.548	2415	2418	2424	rVV	183811	263408	9.37%	0.708%
27	17.636	2428	2433	2438	rVV	58784	103363	3.68%	0.278%
28	17.683	2438	2441	2448	rVB7	26050	50503	1.80%	0.136%
29	17.895	2469	2477	2478	rBV8	26108	46072	1.64%	0.124%
30	18.189	2525	2527	2531	rVB4	44048	47252	1.68%	0.127%
31	18.382	2556	2560	2565	rBV2	283503	420731	14.97%	1.132%
32	18.429	2565	2568	2573	rVB	77558	120762	4.30%	0.325%
33	18.512	2578	2582	2588	rVV5	72605	162784	5.79%	0.438%
34	18.576	2588	2593	2597	rVV3	136311	281609	10.02%	0.757%
35	18.612	2597	2599	2605	rVB2	87561	108128	3.85%	0.291%
36	18.847	2635	2639	2647	rVB3	104788	193114	6.87%	0.519%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

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_G\METHODS\8270-BG031621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.117	2681	2685	2689	rVB2	212807	266857	9.49%	0.718%
38	19.205	2698	2700	2703	rBV4	29607	35892	1.28%	0.097%
39	19.240	2703	2706	2711	rVV7	53238	79534	2.83%	0.214%
40	19.293	2711	2715	2720	rVV	88223	148612	5.29%	0.400%
41	19.381	2728	2730	2734	rVB2	67347	88055	3.13%	0.237%
42	19.434	2735	2739	2746	rVB	125107	207896	7.40%	0.559%
43	19.493	2746	2749	2754	rVB	122683	156013	5.55%	0.420%
44	19.558	2754	2760	2765	rBV	1102187	1579531	56.20%	4.248%
45	19.610	2765	2769	2773	rBV2	211428	249064	8.86%	0.670%
46	19.652	2773	2776	2780	rVB2	144480	167178	5.95%	0.450%
47	19.699	2780	2784	2788	rBV2	124031	167185	5.95%	0.450%
48	19.798	2797	2801	2804	rBV2	93819	134563	4.79%	0.362%
49	19.887	2811	2816	2817	rBV	222591	297693	10.59%	0.801%
50	19.916	2817	2821	2829	rVB	1189103	1799082	64.01%	4.839%
51	19.992	2829	2834	2840	rVB2	202144	348826	12.41%	0.938%
52	20.075	2843	2848	2850	rBV2	243477	333183	11.85%	0.896%
53	20.116	2850	2855	2859	rVB	2145544	2810756	100.00%	7.560%
54	20.239	2871	2876	2877	rBV2	166257	243883	8.68%	0.656%
55	20.327	2887	2891	2895	rBV	719121	871088	30.99%	2.343%
56	20.380	2896	2900	2901	rBV4	92321	132232	4.70%	0.356%
57	20.568	2925	2932	2936	rVB3	221409	451378	16.06%	1.214%
58	20.703	2952	2955	2959	rBV	206887	307736	10.95%	0.828%
59	21.179	3032	3036	3043	rVB	208942	326304	11.61%	0.878%
60	21.420	3072	3077	3081	rBV5	174492	337403	12.00%	0.908%
61	21.514	3090	3093	3102	rVB2	228574	439280	15.63%	1.182%
62	21.784	3133	3139	3146	rBV2	979666	2610548	92.88%	7.022%
63	21.849	3147	3150	3162	rVB	710198	1253227	44.59%	3.371%
64	22.008	3173	3177	3183	rBV3	134754	253187	9.01%	0.681%
65	22.560	3267	3271	3277	rVB	210474	378639	13.47%	1.018%
66	22.630	3280	3283	3290	rVB2	146289	261878	9.32%	0.704%
67	24.088	3523	3531	3539	rBV2	642125	2320332	82.55%	6.241%
68	24.840	3654	3659	3674	rVB	444828	1326793	47.20%	3.569%
69	24.992	3677	3685	3698	rVB	604651	1746881	62.15%	4.699%
70	25.151	3706	3712	3719	rBV2	241353	586558	20.87%	1.578%

Sum of corrected areas: 37178757

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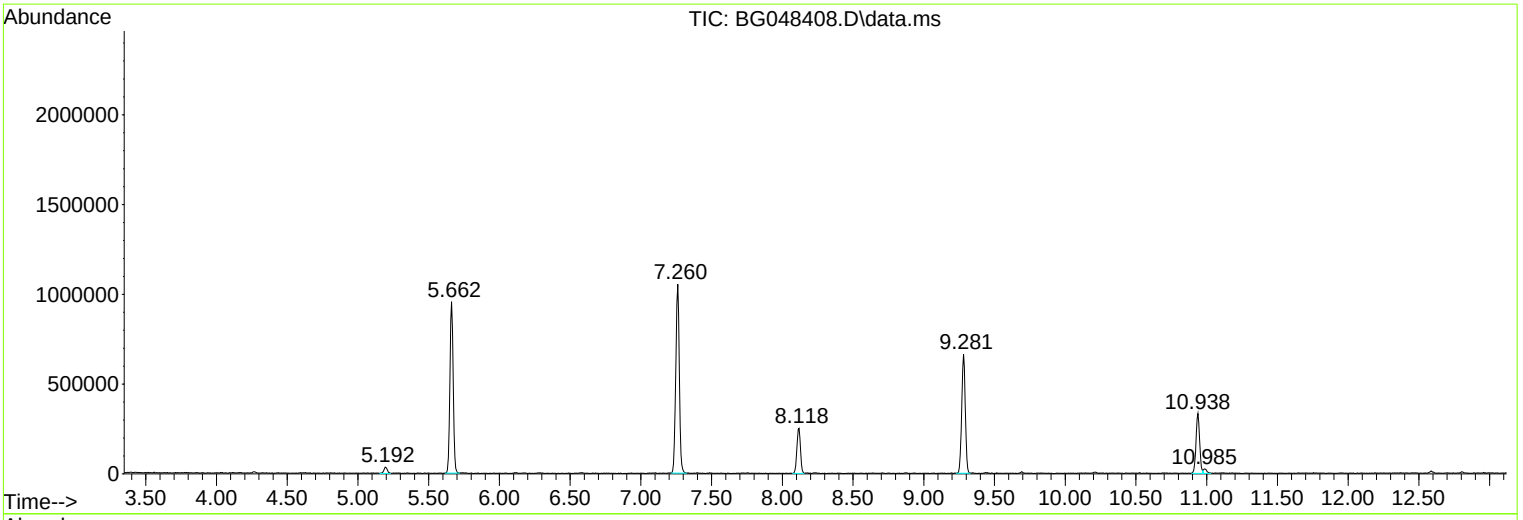
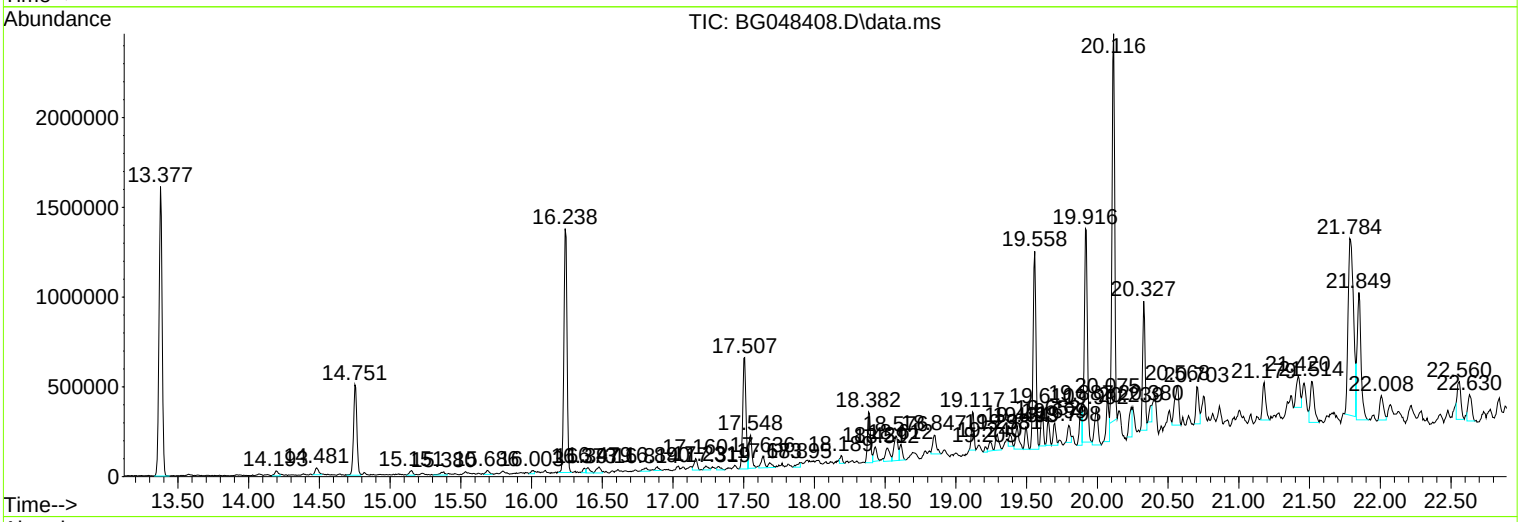
Misc :
ALS Vial : 15 Sample Multiplier: 1

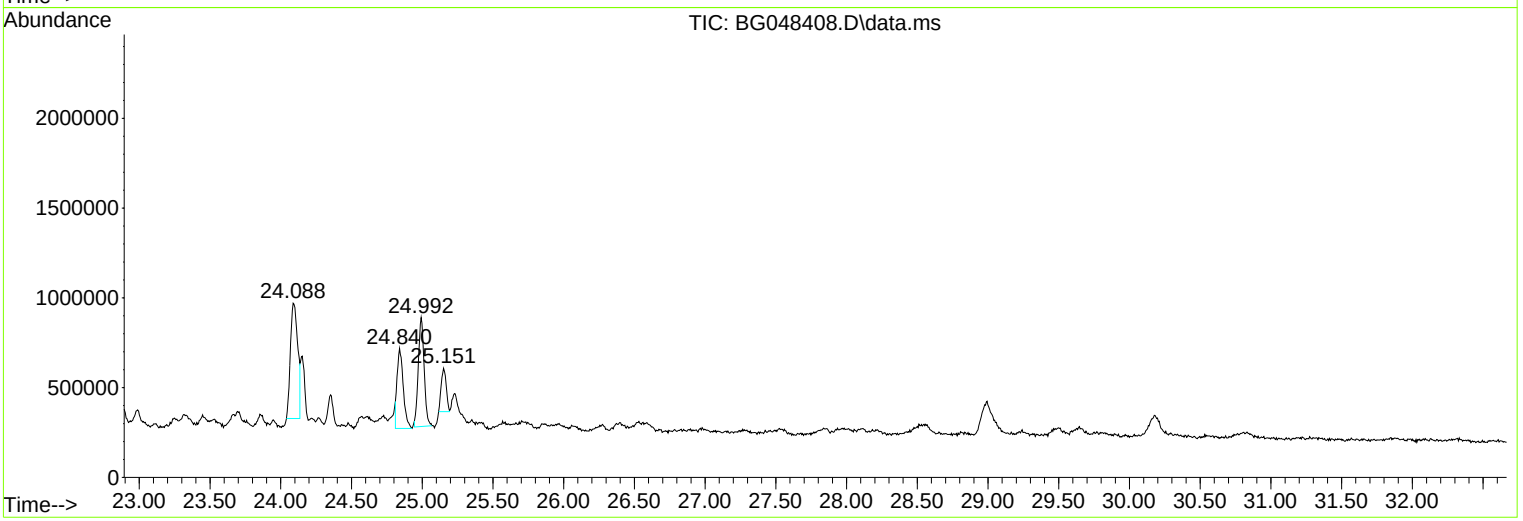
Instrument :
BNA_G
ClientSampleId :
TP-5A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
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Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
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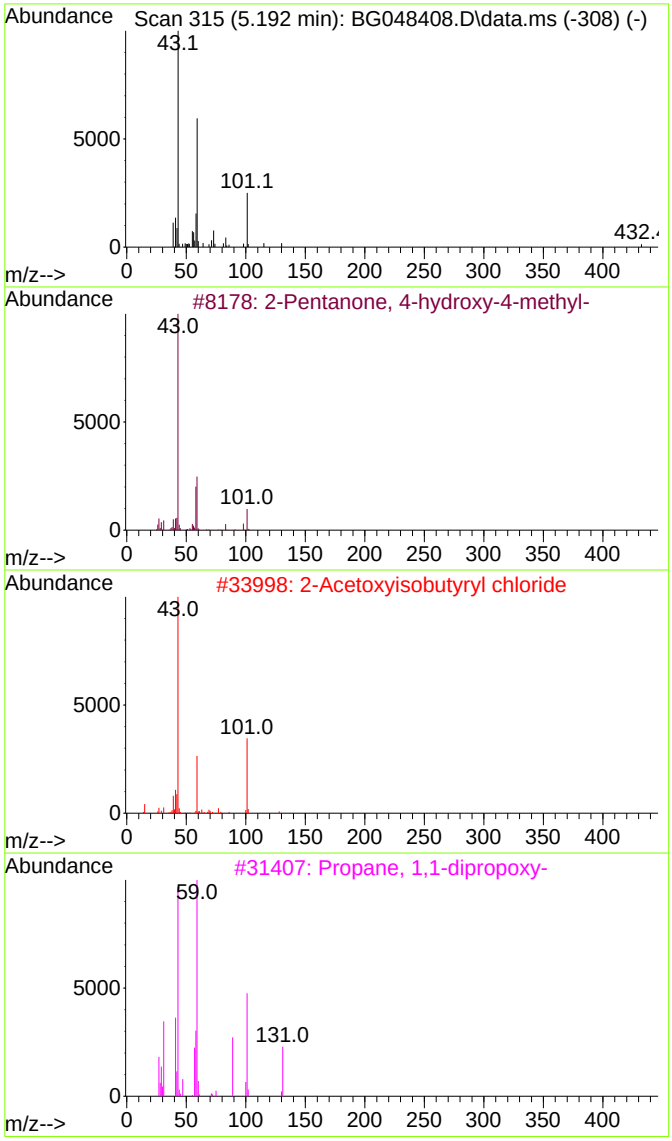
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

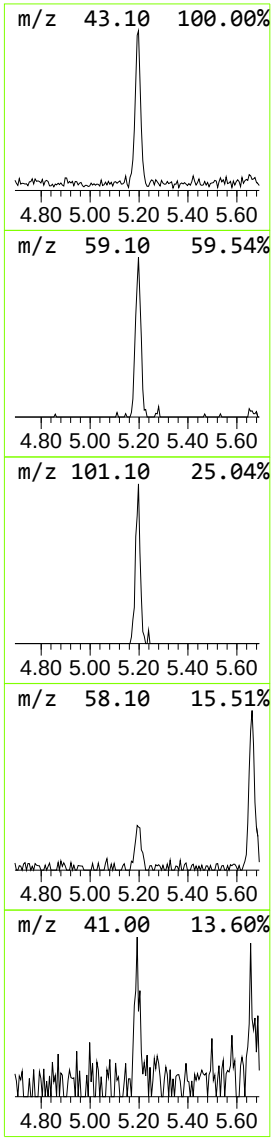
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.192	2.78 ng	61106	1,4-Dichlorobenzene-d4	8.112

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	50
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	39
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

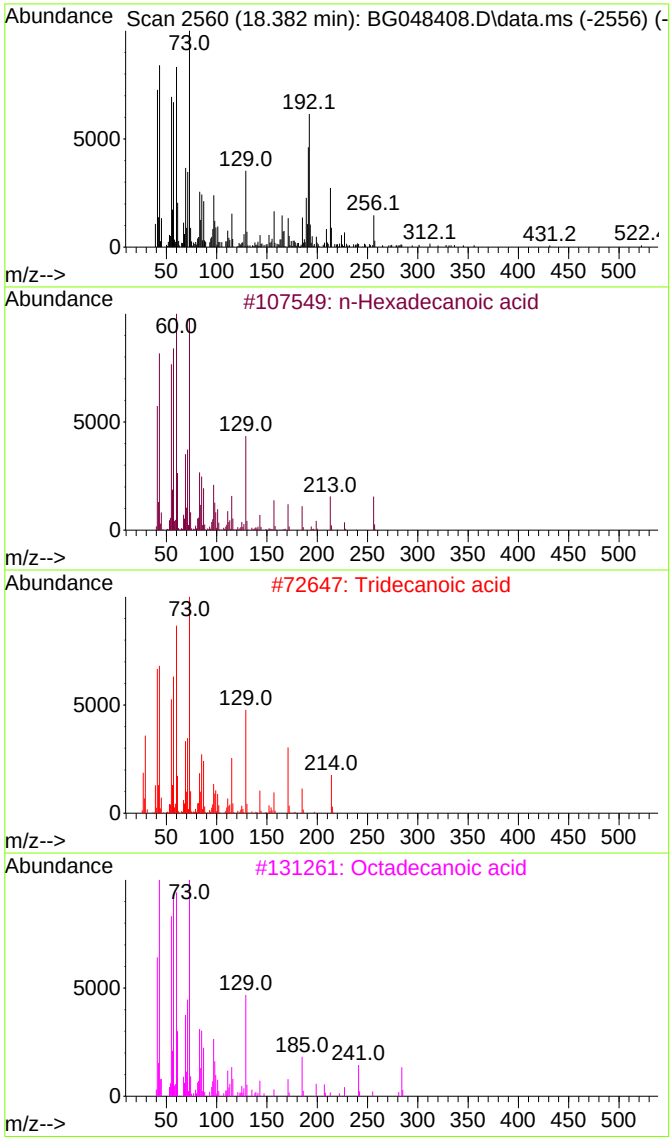
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

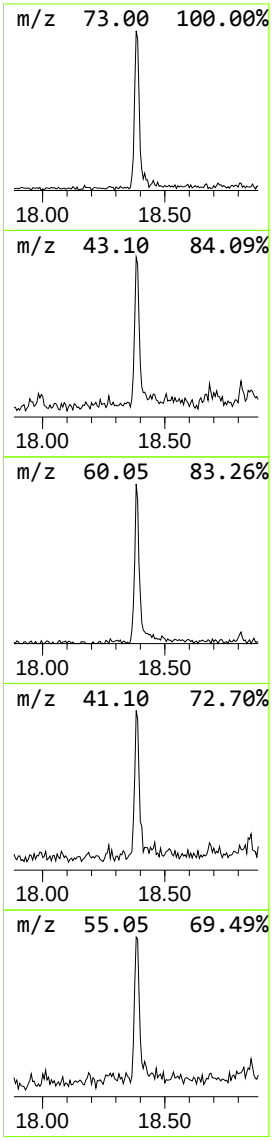
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	8.51 ng	420731	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	55
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	44





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

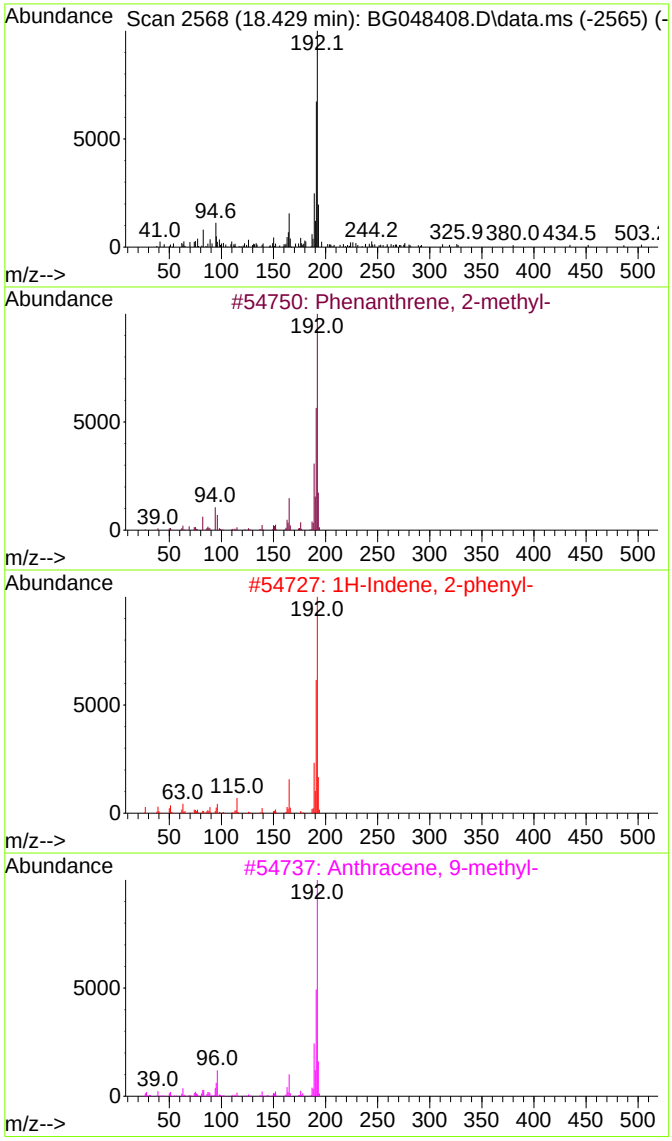
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

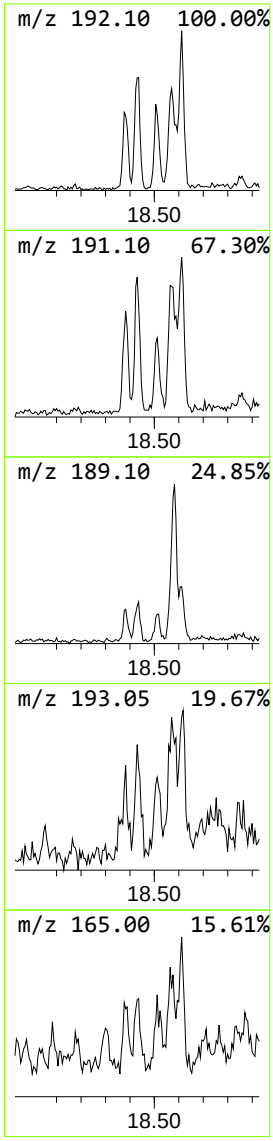
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	2.44 ng	120762	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

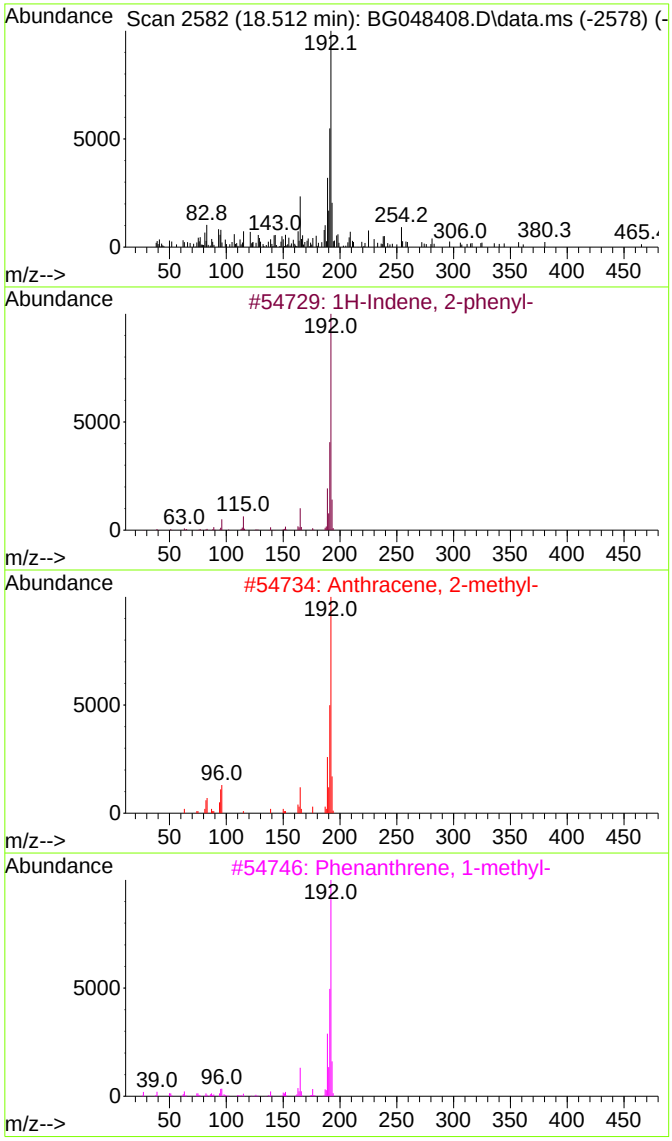
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

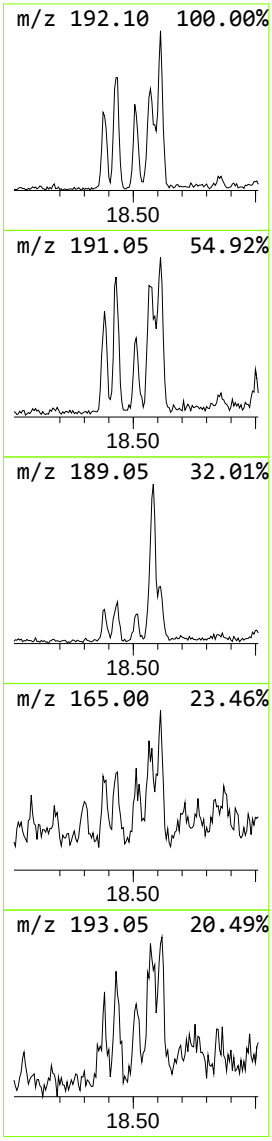
****

Peak Number 4 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	3.29 ng	162784	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5A

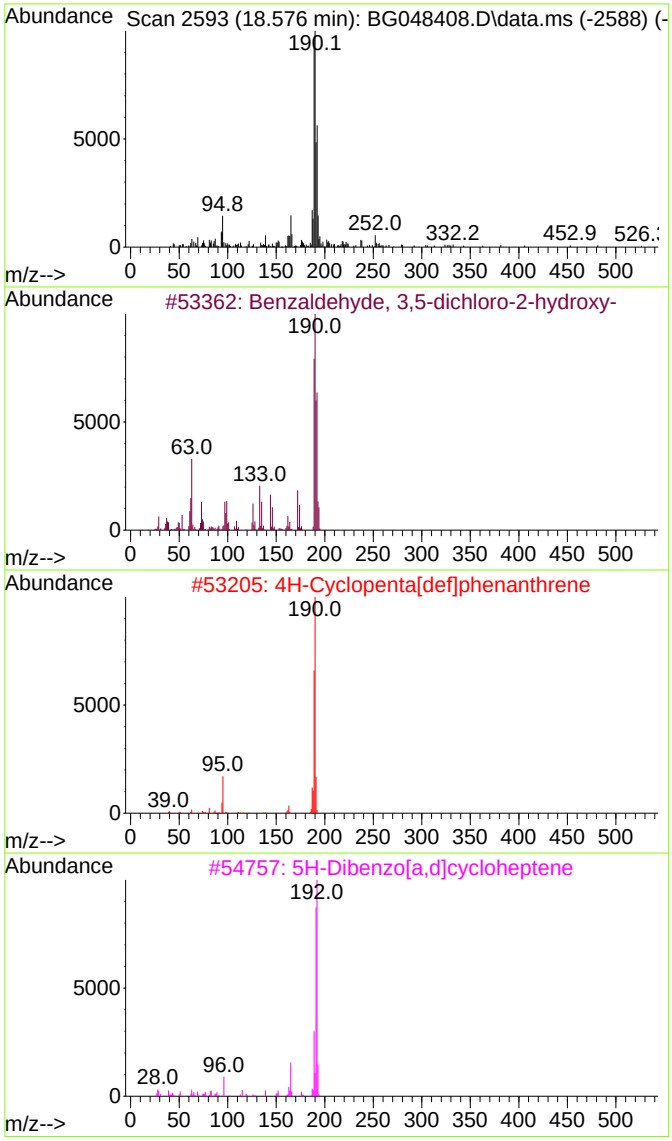
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

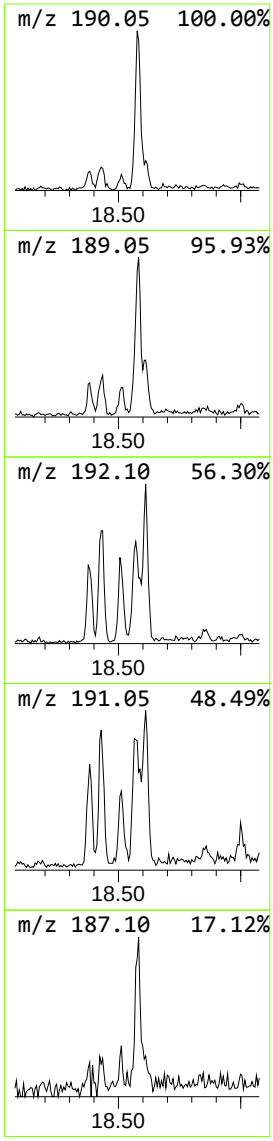
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.576	5.70 ng	281609	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	35





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Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

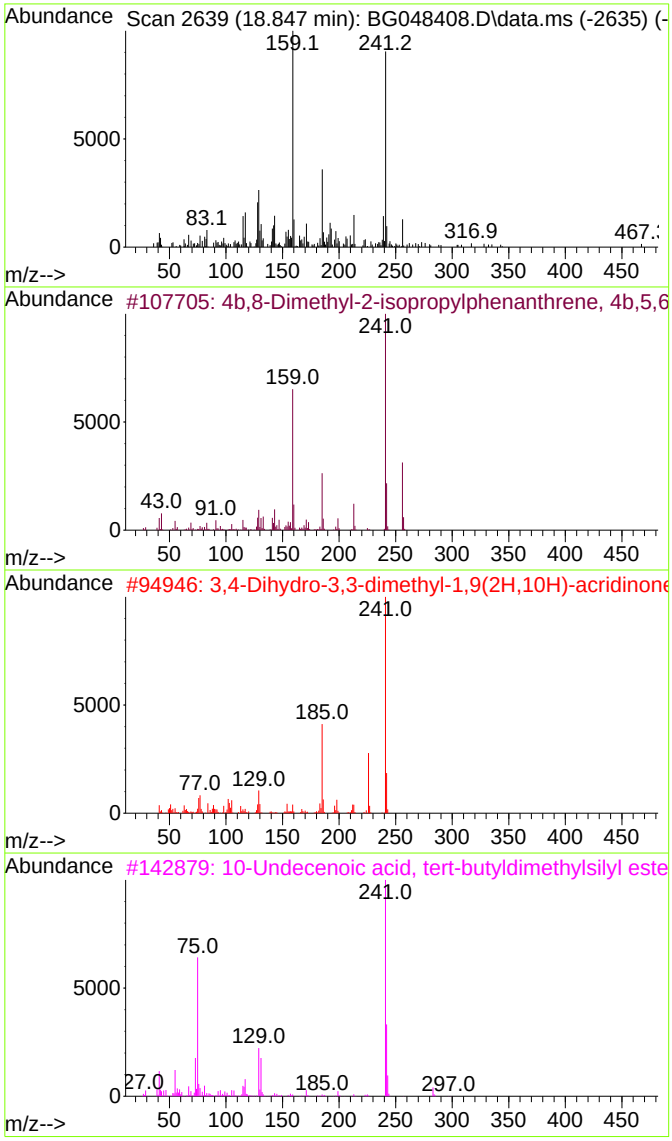
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

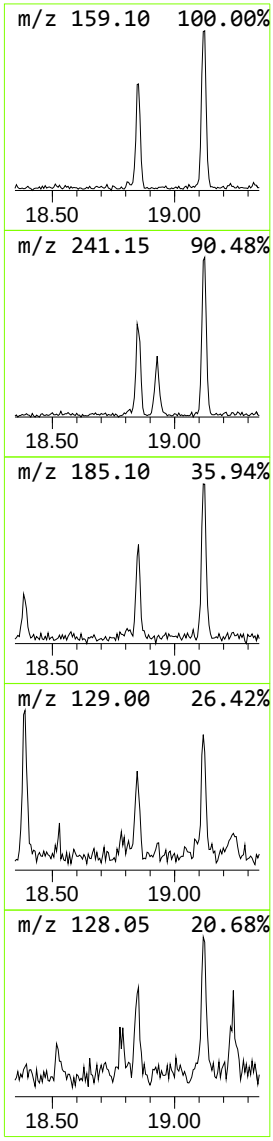
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4b,8-Dimethyl-2-isopropylph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.847	3.91 ng	193114	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	64
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
3	10-Undecenoic acid, tert-butyldi...	298	C17H34O2Si	1000333-57-1	22
4	2-Naphthalenol, 8-amino-	159	C10H9NO	000118-46-7	20
5	1-Naphthalenol, 6-amino-	159	C10H9NO	023894-12-4	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
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Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

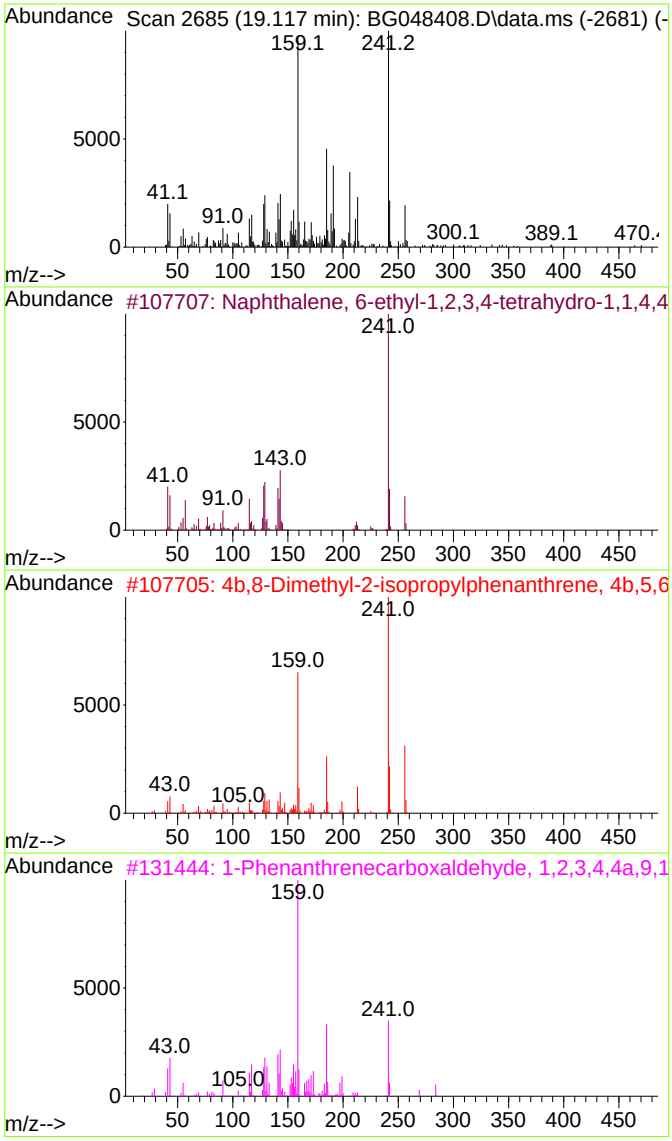
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

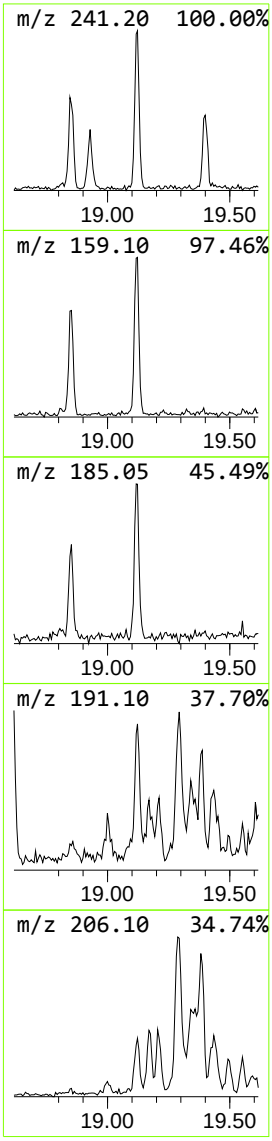
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 6-ethyl-1,2,3,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.117	5.40 ng	266857	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	83
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	64
3	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	59
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	38
5	Sebacic acid, butyl 6-ethyloct-3...	398	C24H46O4	1000354-18-4	27





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Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

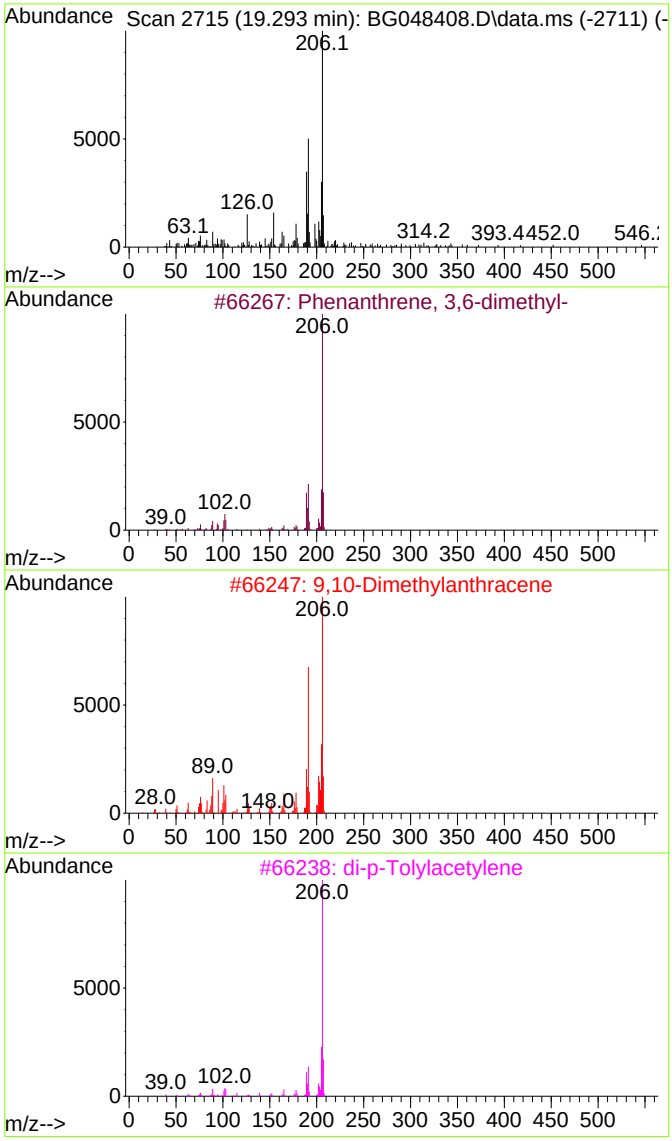
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

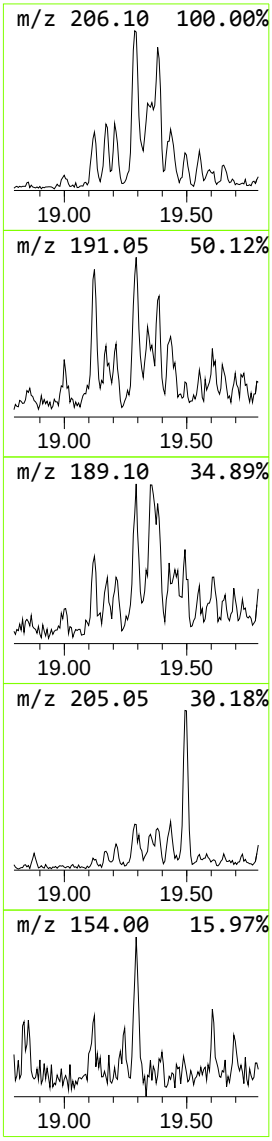
****

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.293	3.01 ng	148612	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	76





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

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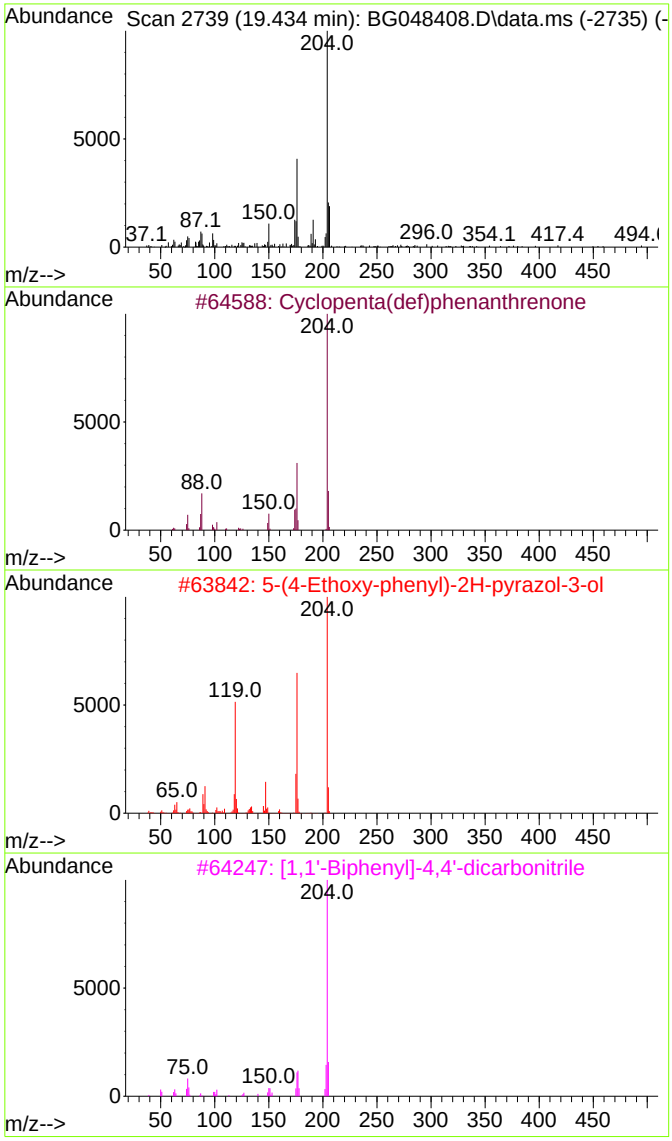
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

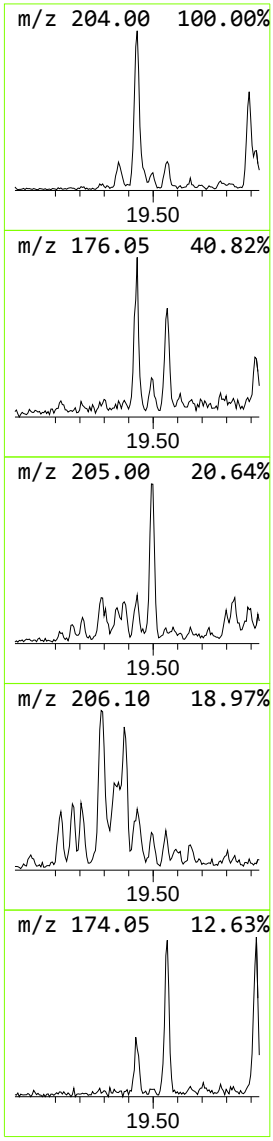
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.434	4.21 ng	207896	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	46





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ClientSampleId :
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TIC Library : C:\Database\NIST11.L
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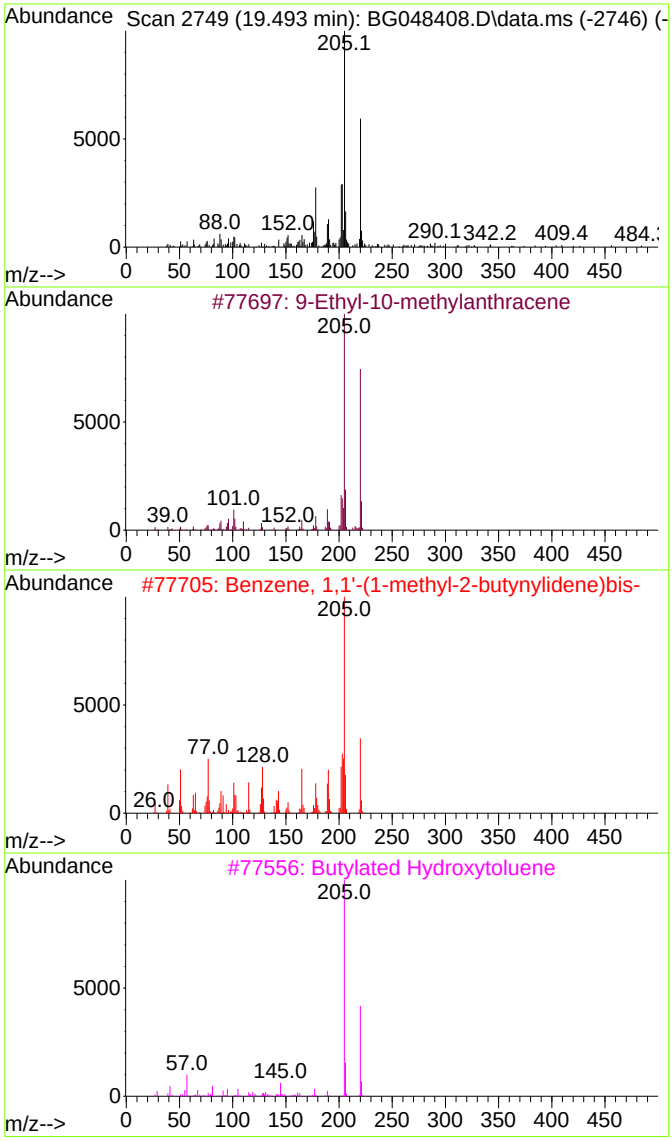
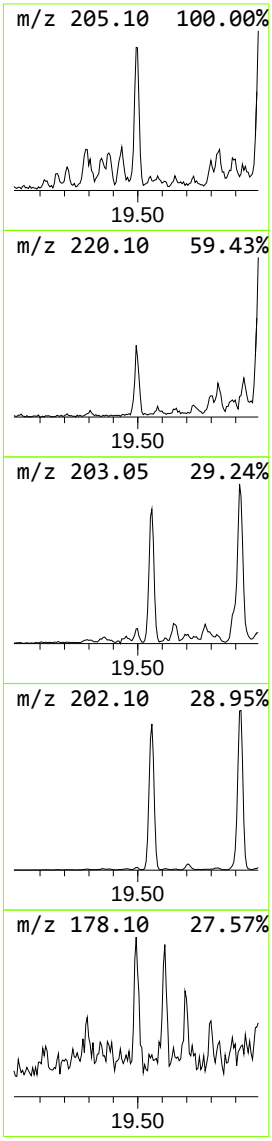
****
Peak Number 10 9-Ethyl-10-methylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.493	3.16 ng	156013	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	76
2	Benzene, 1,1'-(1-methyl-2-butyny...	220	C17H16	054372-84-8	64
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	49
4	Phenol, 2,4,6-tris(1-methylethyl)-	220	C15H24O	002934-07-8	49
5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	47





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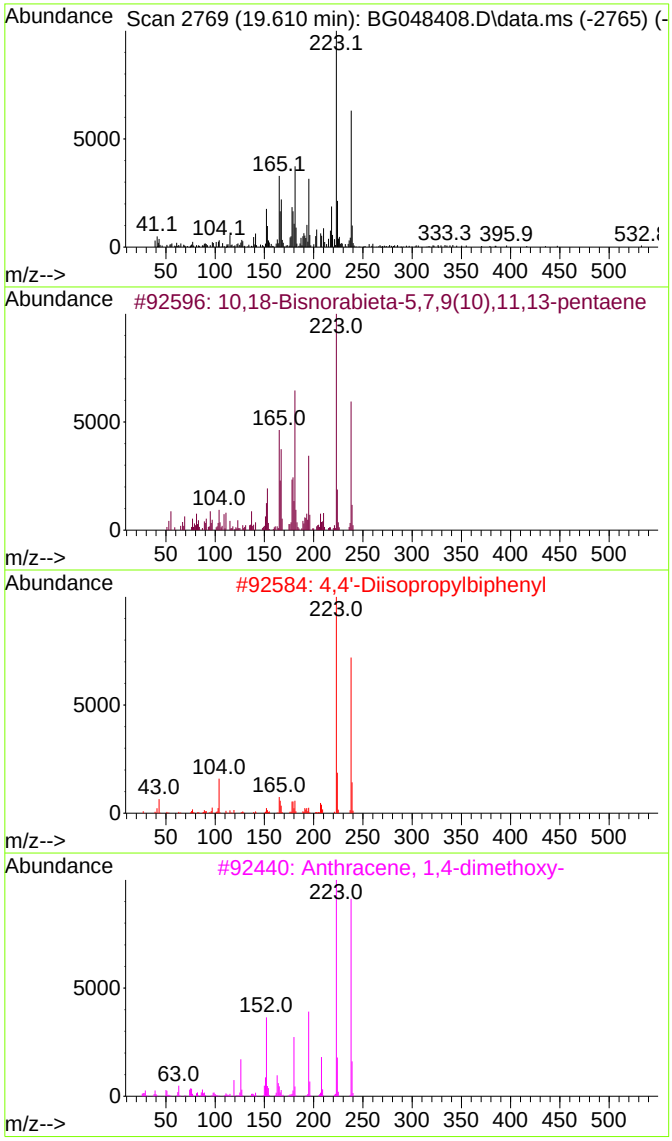
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

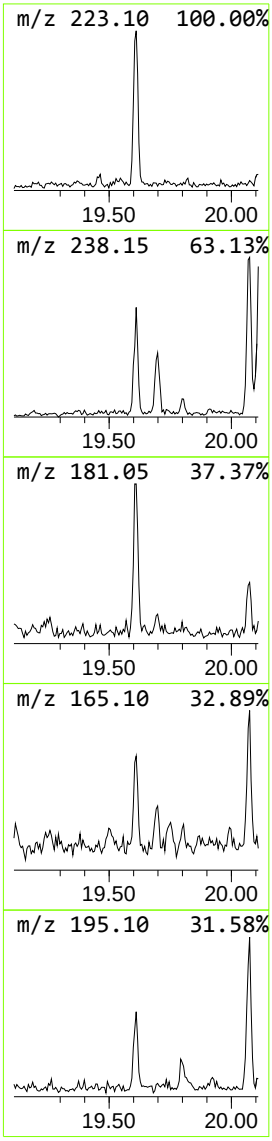
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	5.04 ng	249064	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	94
2	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	68
3	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	62
4	2-Propen-1-one, 1-(4-aminophenyl...	223	C15H13NO	002403-30-7	55
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	52





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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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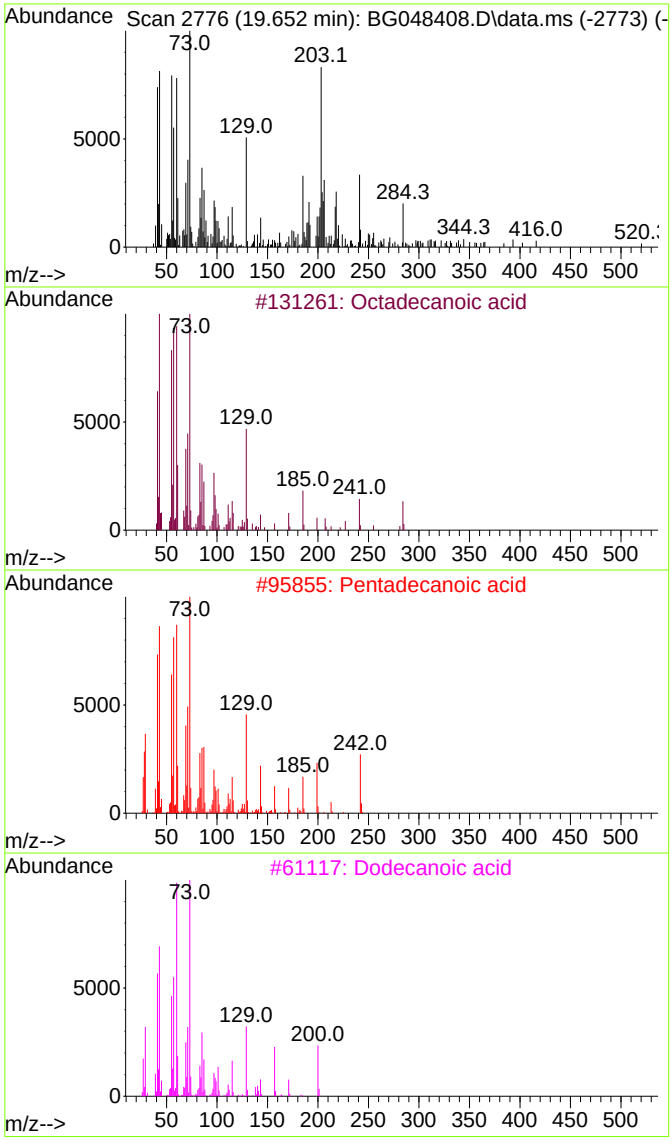
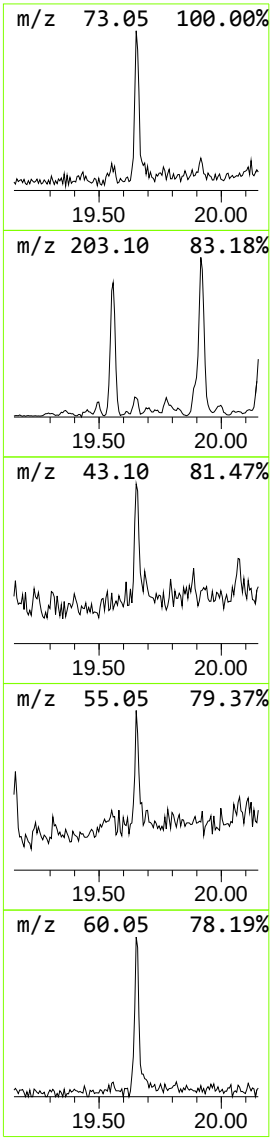
Peak Number 12 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.651	3.38 ng	167178	Phenanthrene-d10	17.507

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	51
3	Dodecanoic acid	200	C12H24O2	000143-07-7	30
4	Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClNO2	1000295-53-6	30
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	30





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Instrument : BNA_G
ClientSampleId : TP-5A

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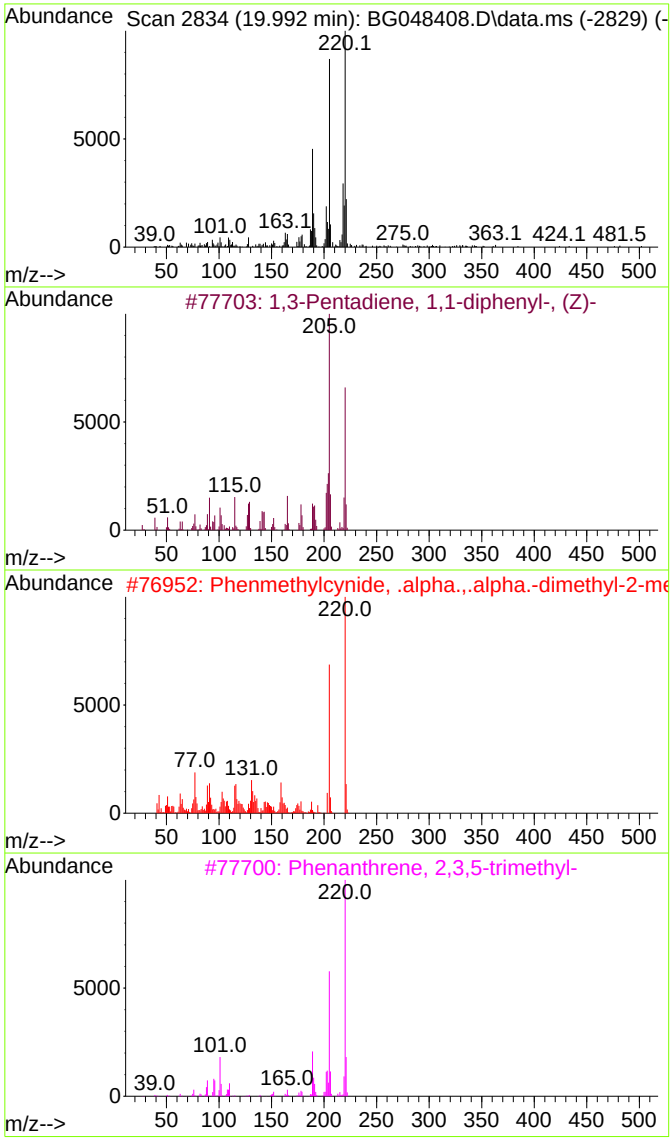
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

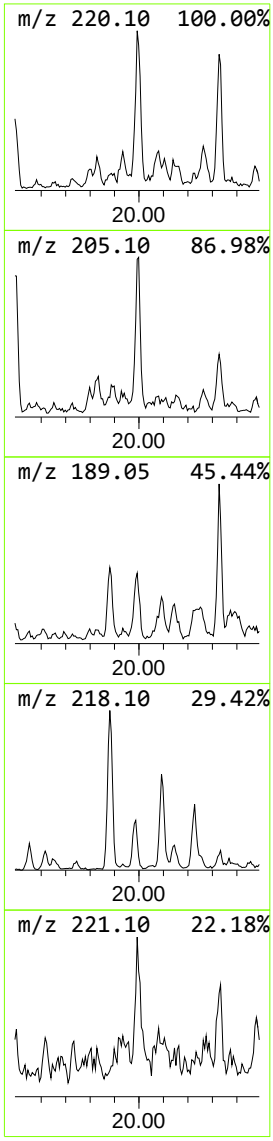
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,3-Pentadiene, 1,1-dipheny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.67 ng	348826	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	58
2	Phenmethylcynide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	58
3	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	53
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	53
5	Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	53





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Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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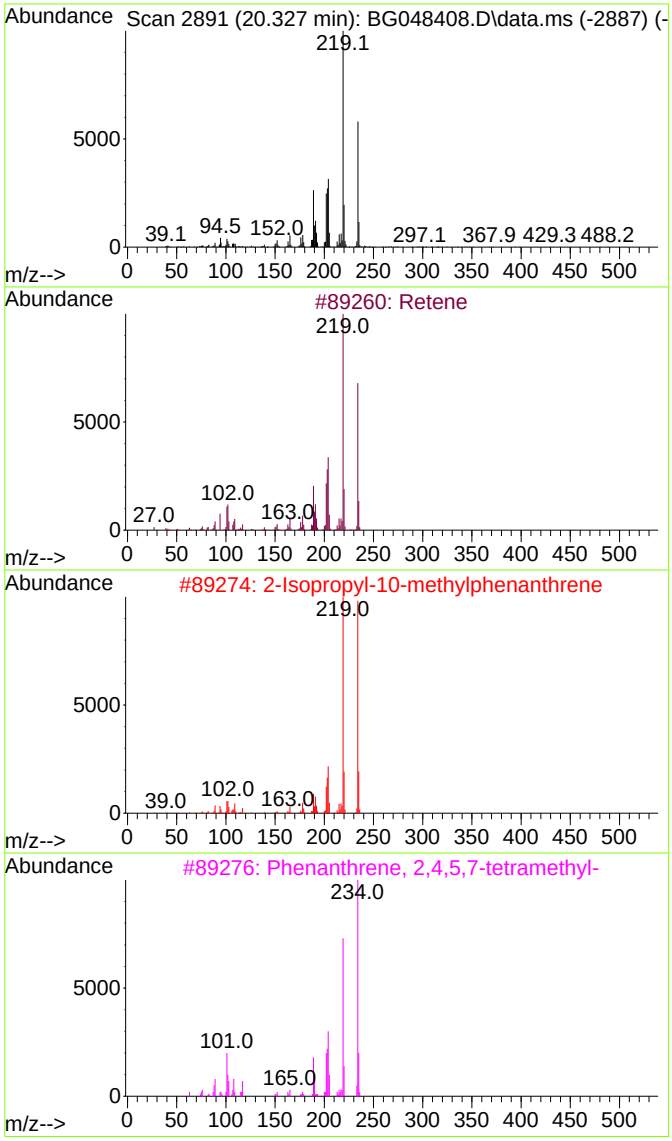
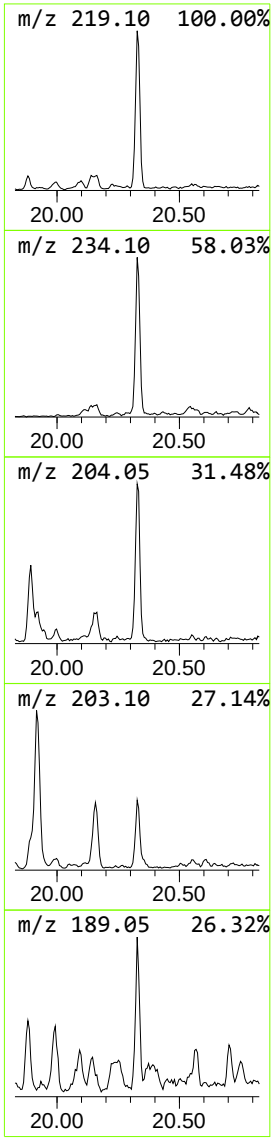
Peak Number 14 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.327	6.67 ng	871088	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	97
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
4	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	83
5	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	58





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Sample : M1693-01
Misc :
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Instrument : BNA_G
ClientSampleId : TP-5A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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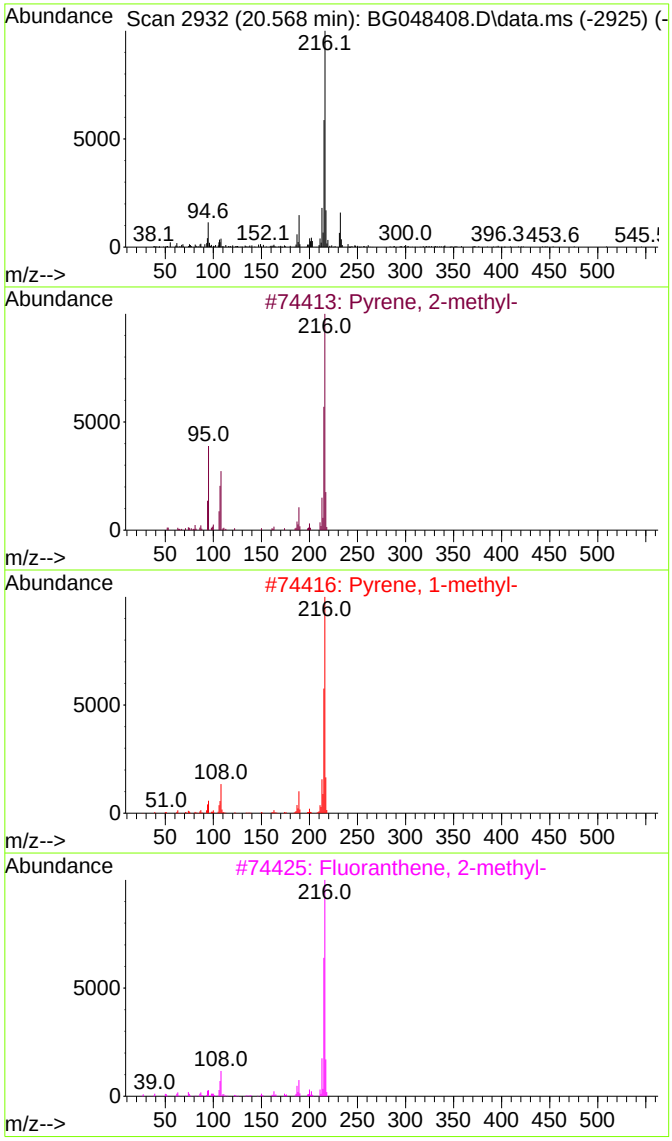
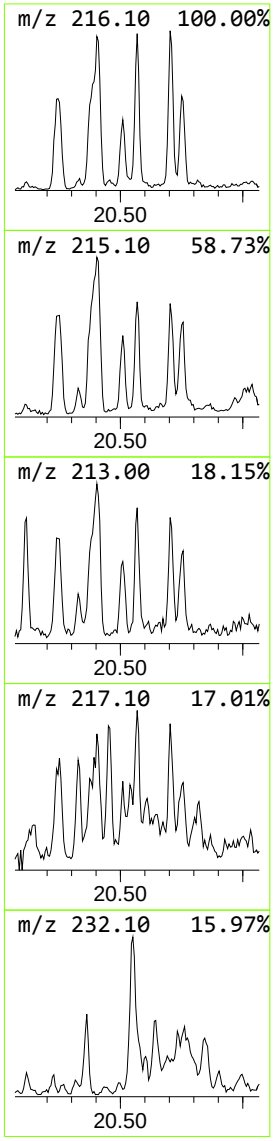
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.568	3.46 ng	451378	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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

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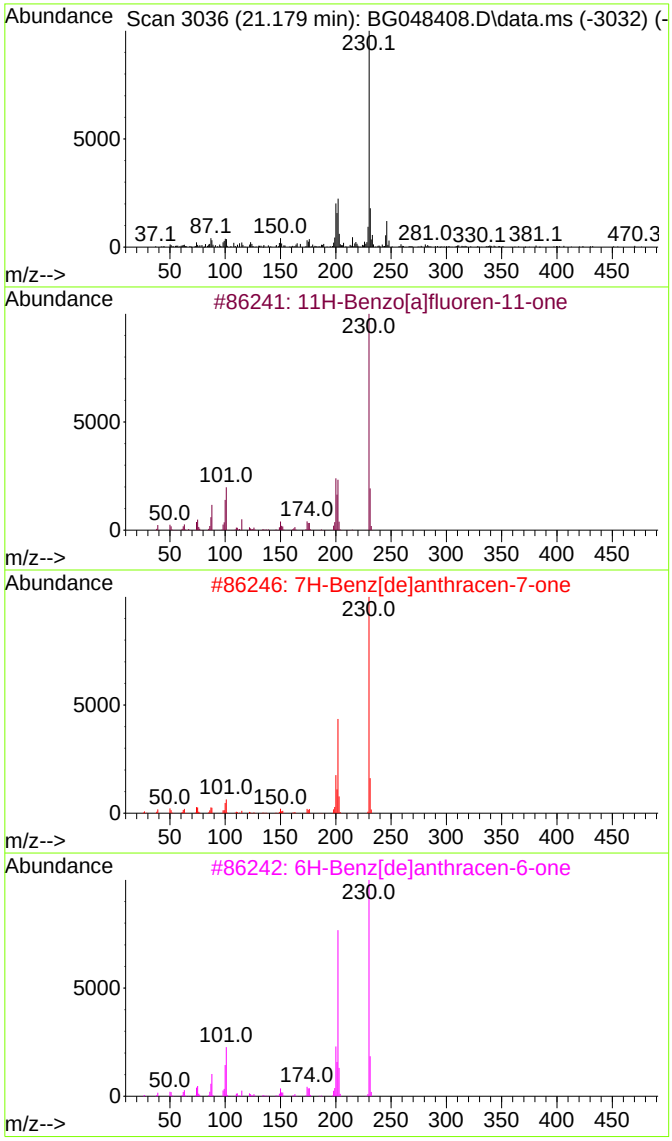
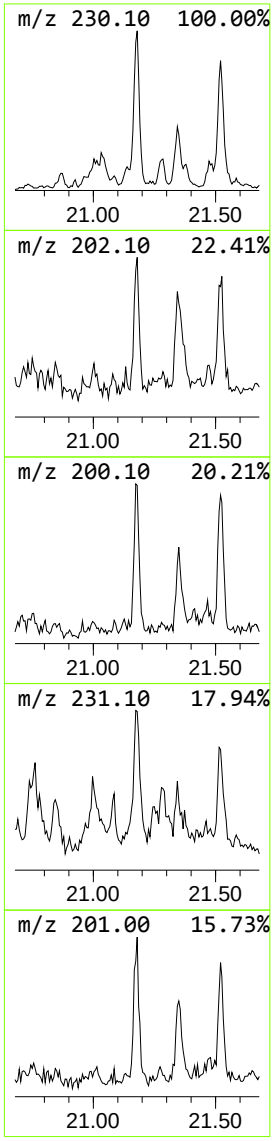
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.179	2.50 ng	326304	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	86
4	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	68
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

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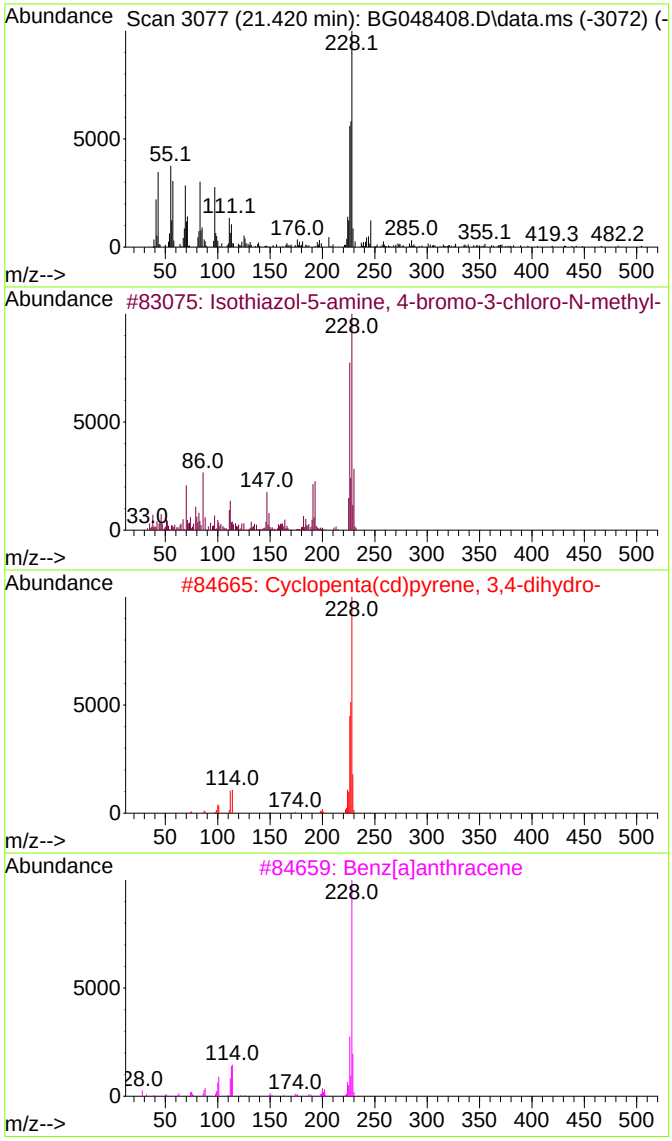
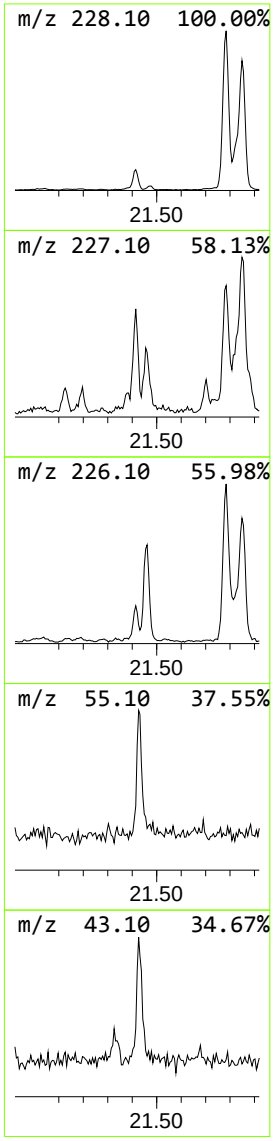
Peak Number 17 unknown21.420 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.420	2.58 ng	337403	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	37
3	Benz[a]anthracene	228	C18H12	000056-55-3	16
4	Chrysene	228	C18H12	000218-01-9	16
5	1-Aminodecane, heptafluorobutyryl	353	C14H22F7NO	120219-44-5	14





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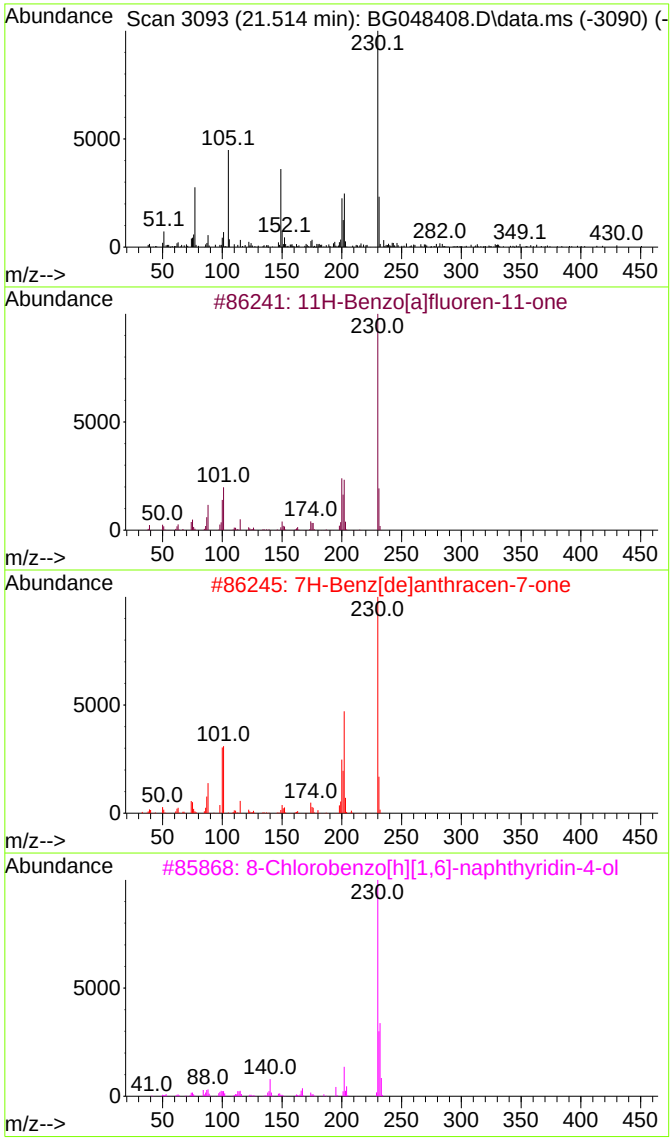
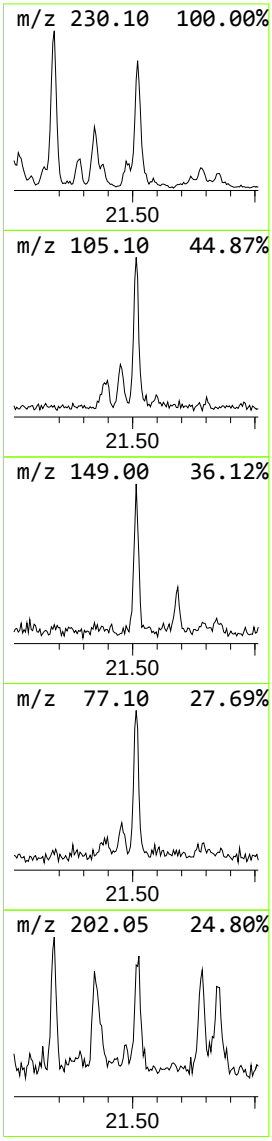
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.514	3.37 ng	439280	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	64
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3	8-Chlorobenzo[h][1,6]-naphthyrid...	230	C12H7ClN2O	025100-26-9	47
4	p-Terphenyl	230	C18H14	000092-94-4	46
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	43





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Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5A

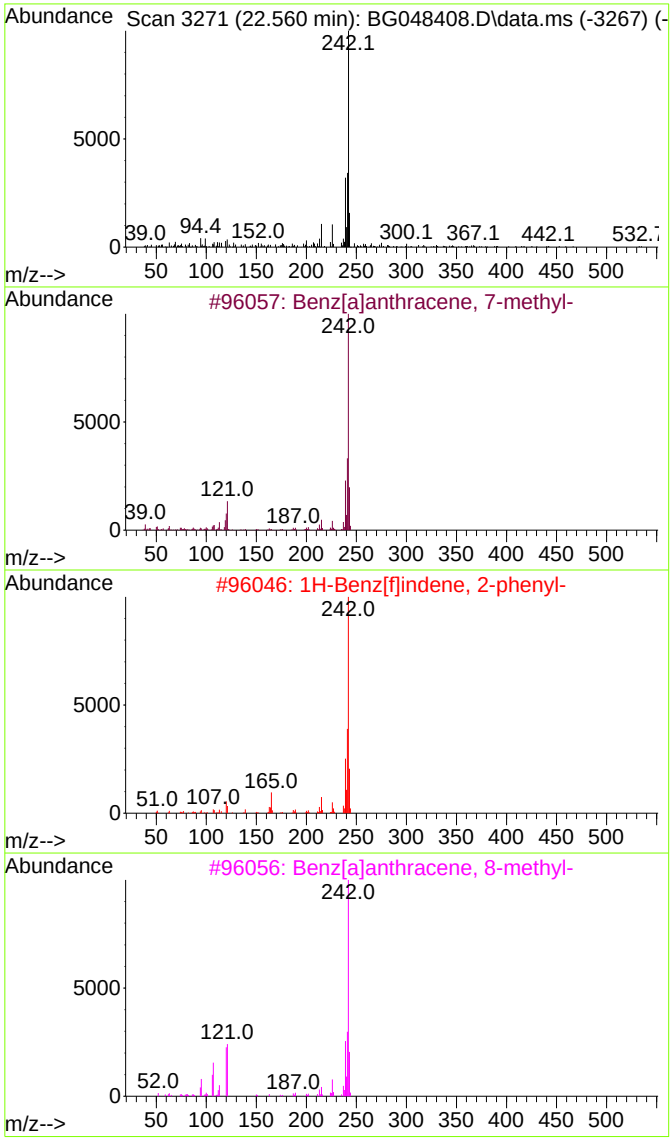
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

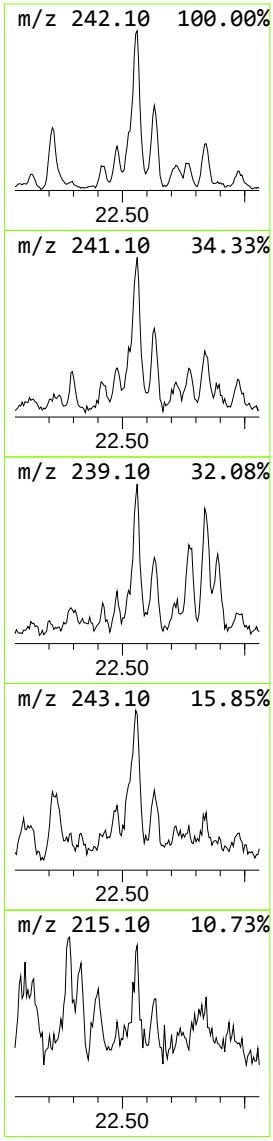
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benz[a]anthracene, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.560	2.90 ng	378639	Chrysene-d12	21.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	87
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	81
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	76
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	74
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-5A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

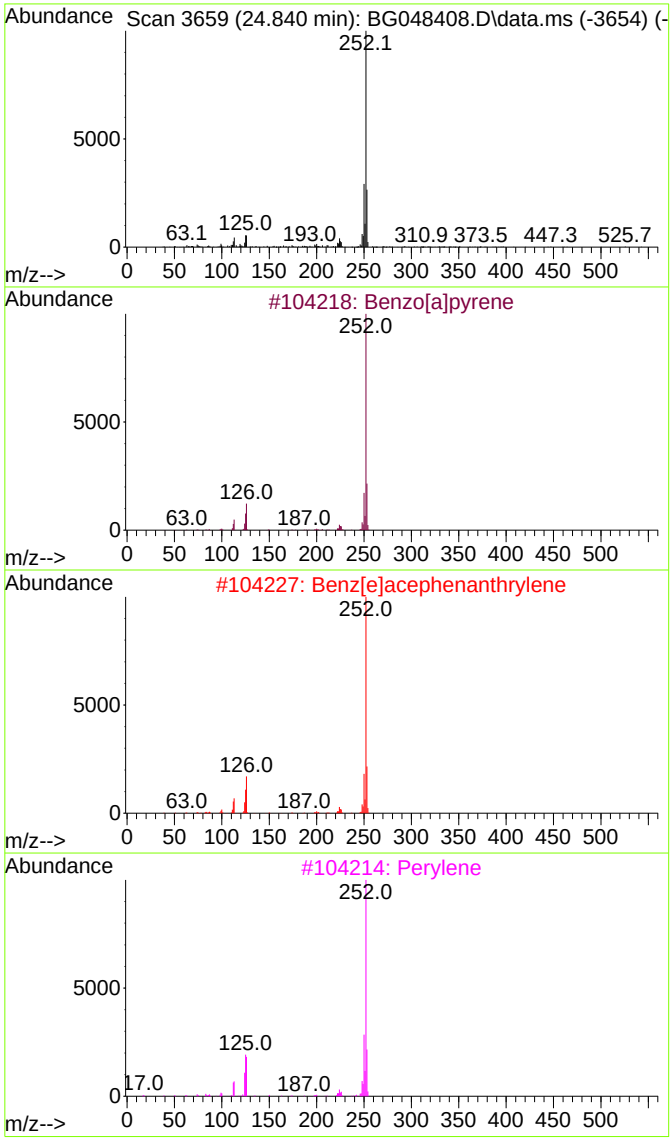
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

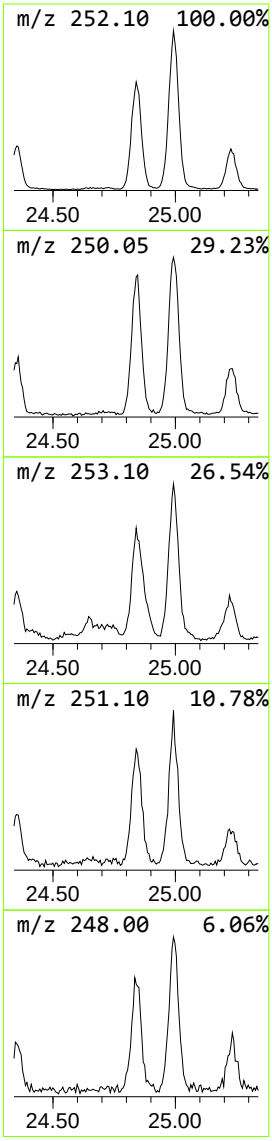
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.840	45.24 ng	1326790	Perylene-d12	25.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5	Benzo[e]pyrene	252	C20H12	000192-97-2	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048408.D
Acq On : 17 Mar 2021 21:50
Operator : CG/JU
Sample : M1693-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.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
2-Pentanone, 4-...	5.192	2.8	ng	61106	1	8.112	439701	20.0
n-Hexadecanoic ...	18.382	8.5	ng	420731	4	17.507	988354	20.0
Phenanthrene, 2...	18.429	2.4	ng	120762	4	17.507	988354	20.0
1H-Indene, 2-ph...	18.512	3.3	ng	162784	4	17.507	988354	20.0
Benzaldehyde, 3...	18.576	5.7	ng	281609	4	17.507	988354	20.0
4b,8-Dimethyl-2...	18.847	3.9	ng	193114	4	17.507	988354	20.0
Naphthalene, 6-...	19.117	5.4	ng	266857	4	17.507	988354	20.0
Phenanthrene, 3...	19.293	3.0	ng	148612	4	17.507	988354	20.0
Cyclopenta(def)...	19.434	4.2	ng	207896	4	17.507	988354	20.0
9-Ethyl-10-meth...	19.493	3.2	ng	156013	4	17.507	988354	20.0
10,18-Bisnorabi...	19.610	5.0	ng	249064	4	17.507	988354	20.0
Octadecanoic acid	19.651	3.4	ng	167178	4	17.507	988354	20.0
1,3-Pentadiene,...	19.992	2.7	ng	348826	5	21.802	2610550	20.0
Retene	20.327	6.7	ng	871088	5	21.802	2610550	20.0
Pyrene, 2-methyl-	20.568	3.5	ng	451378	5	21.802	2610550	20.0
11H-Benzo[a]flu...	21.179	2.5	ng	326304	5	21.802	2610550	20.0
unknown21.420	21.420	2.6	ng	337403	5	21.802	2610550	20.0
7H-Benz[de]anth...	21.514	3.4	ng	439280	5	21.802	2610550	20.0
Benz[a]anthrace...	22.560	2.9	ng	378639	5	21.802	2610550	20.0
Perylene	24.840	45.2	ng	1326790	6	25.151	586558	20.0