LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055816.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.282	331	339	346	rBV	45248	72204	2.75%	0.300%
2	5.764	414	421	435	rBV	301332	553149	21.09%	2.296%
3	7.380	689	696	714	rBV	315449	594287	22.66%	2.466%
4	8.232	834	841	848	rVB	205317	348361	13.28%	1.446%
5	9.401	1033	1040	1050	rBV	195175	353630	13.48%	1.468%
6	11.058	1314	1322	1328	rBV	271575	497130	18.96%	2.063%
7	11.105	1328	1330	1338	rVB	23033	37605	1.43%	0.156%
8	12.697	1596	1601	1609	rBV	26447	41679	1.59%	0.173%
9	12.915	1631	1638	1647	rVB	29466	50933	1.94%	0.211%
10	13.479	1727	1734	1743	rVB	524099	810662	30.91%	3.364%
11	14.031	1818	1828	1835	rBV4	21452	57979	2.21%	0.241%
12	14.178	1847	1853	1858	rBV	40444	71957	2.74%	0.299%
13	14.413	1888	1893	1896	rBV	18500	28217	1.08%	0.117%
14	14.577	1916	1921	1928	rBV2	28855	55899	2.13%	0.232%
15	14.853	1956	1968	1974	rBV	437403	710183	27.08%	2.947%
16	14.918	1974	1979	1986	rVV	221283	346122	13.20%	1.436%
17	15.059	1996	2003	2011	rBV7	17479	48495	1.85%	0.201%
18	15.159	2011	2020	2024	rBV3	17869	47305	1.80%	0.196%
19	15.247	2028	2035	2041	rVV2	104283	181416	6.92%	0.753%
20	15.318	2043	2047	2054	rVB	26046	38165	1.46%	0.158%
21	15.459	2064	2071	2076	rBV2	29558	54986	2.10%	0.228%
22	15.512	2076	2080	2084	rVB2	18363	28511	1.09%	0.118%
23	15.629	2093	2100	2103	rBV4	21086	41614	1.59%	0.173%
24	15.893	2139	2145	2156	rVB	239582	390711	14.90%	1.621%
25	15.987	2157	2161	2163	rBV3	20294	27828	1.06%	0.115%
26	16.023	2163	2167	2169	rVV2	33393	53684	2.05%	0.223%
27	16.052	2169	2172	2177	rVV4	46331	75864	2.89%	0.315%
28	16.099	2177	2180	2185	rVV3	18452	33965	1.30%	0.141%
29	16.146	2185	2188	2190	rVV3	23689	33375	1.27%	0.139%
30	16.193	2191	2196	2201	rVB2	90125	155893	5.94%	0.647%
31	16.340	2215	2221	2228	rVB2	413716	692430	26.40%	2.874%
32	16.687	2277	2280	2286	rBV4	17743	28007	1.07%	0.116%
33	16.892	2309	2315	2320	rVB2	59732	122328	4.66%	0.508%
34	16.945	2320	2324	2330	rBV3	33968	64093	2.44%	0.266%
35	17.045	2337	2341	2344	rVB	35245	50334	1.92%	0.209%
36	17.116	2347	2353	2357	rBV5	23625	59122	2.25%	0.245%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.245	2372	2375	2381	rVB3	30916	48871	1.86%	0.203%
38	17.315	2384	2387	2393	rBV4	27484	51051	1.95%	0.212%
39	17.415	2399	2404	2410	rVB	124707	184786	7.05%	0.767%
40	17.503	2415	2419	2424	rVB	90229	118383	4.51%	0.491%
41	17.597	2429	2435	2438	rBV	467538	753422	28.73%	3.127%
42	17.638	2438	2442	2448	rVB	1400216	2159130	82.33%	8.961%
43	17.727	2452	2457	2462	rBV	365060	531532	20.27%	2.206%
44	17.950	2491	2495	2498	rBV	70929	113576	4.33%	0.471%
45	17.991	2499	2502	2511	rVB	145375	241731	9.22%	1.003%
46	18.103	2519	2521	2525	rVB	35353	43638	1.66%	0.181%
47	18.173	2530	2533	2540	rVB	79134	122403	4.67%	0.508%
48	18.320	2554	2558	2566	rVB	44571	84409	3.22%	0.350%
49	18.467	2577	2583	2587	rBV	230503	413431	15.76%	1.716%
50	18.514	2587	2591	2597	rVB	263400	400783	15.28%	1.663%
51	18.596	2600	2605	2609	rBV	95762	154514	5.89%	0.641%
52	18.667	2610	2617	2620	rBV3	363062	684423	26.10%	2.840%
53	18.955	2662	2666	2670	rBV	165019	223670	8.53%	0.928%
54	19.366	2732	2736	2741	rBV	142177	246487	9.40%	1.023%
55	19.642	2777	2783	2788	rBV	1772969	2622677	100.00%	10.884%
56	19.965	2833	2838	2840	rBV2	332387	531272	20.26%	2.205%
57	20.000	2840	2844	2851	rVB	1512284	2294048	87.47%	9.521%
58	20.177	2870	2874	2879	rVB2	749983	1025104	39.09%	4.254%
59	20.482	2923	2926	2931	rVB2	373523	487461	18.59%	2.023%
60	20.582	2939	2943	2947	rBV	360017	469655	17.91%	1.949%
61	21.875	3158	3163	3170	rBV3	837548	2048098	78.09%	8.500%
62	21.939	3170	3174	3185	rVB	650923	1182986	45.11%	4.910%

Sum of corrected areas: 24095664

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
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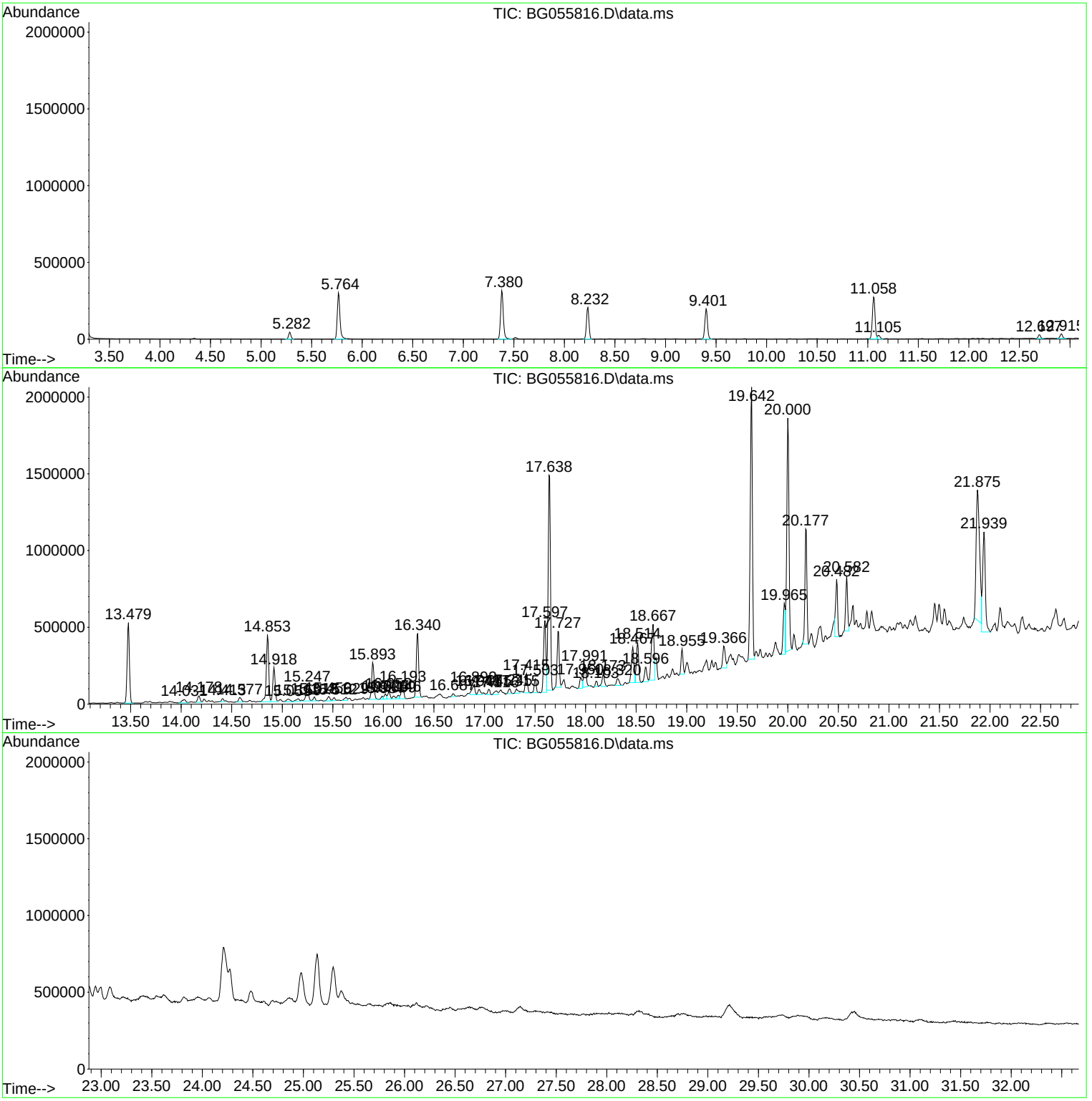
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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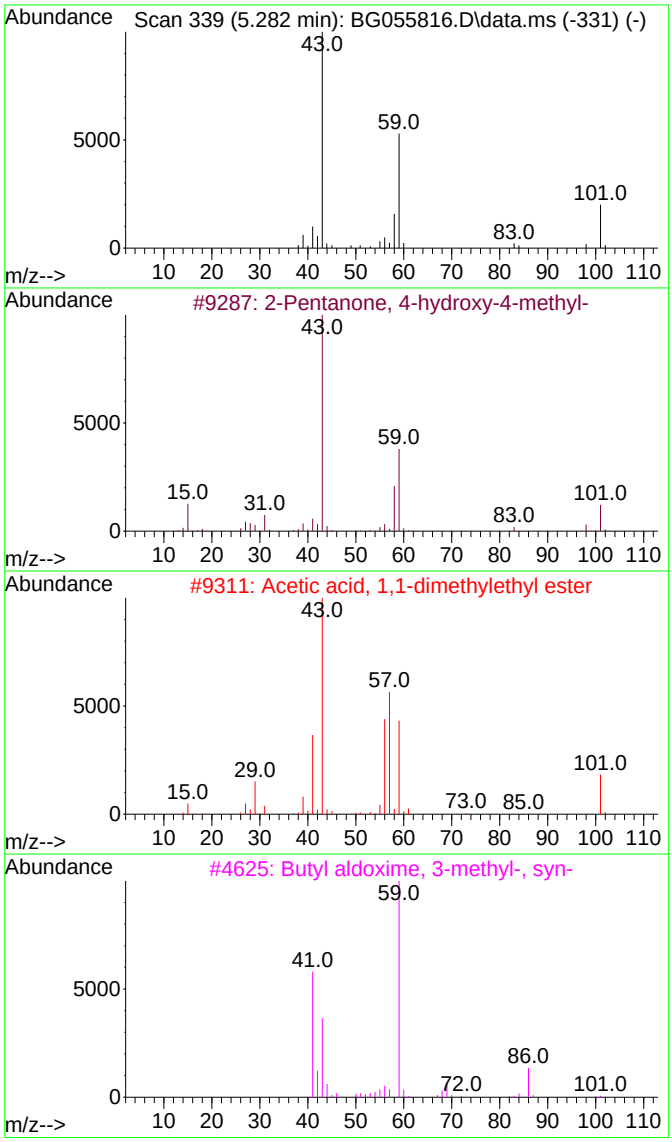
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

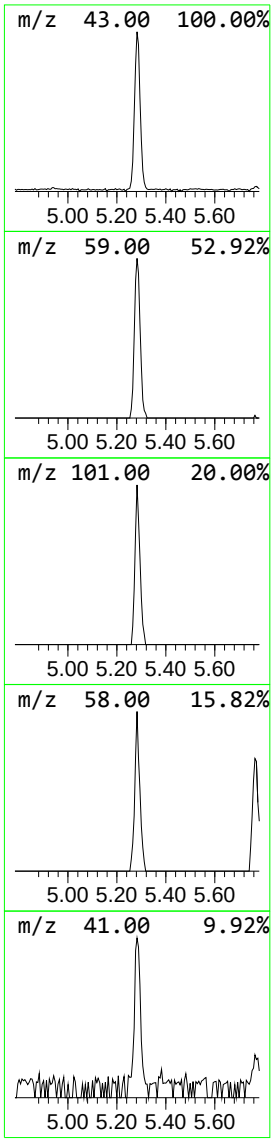
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.282	4.15 ng	72204	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

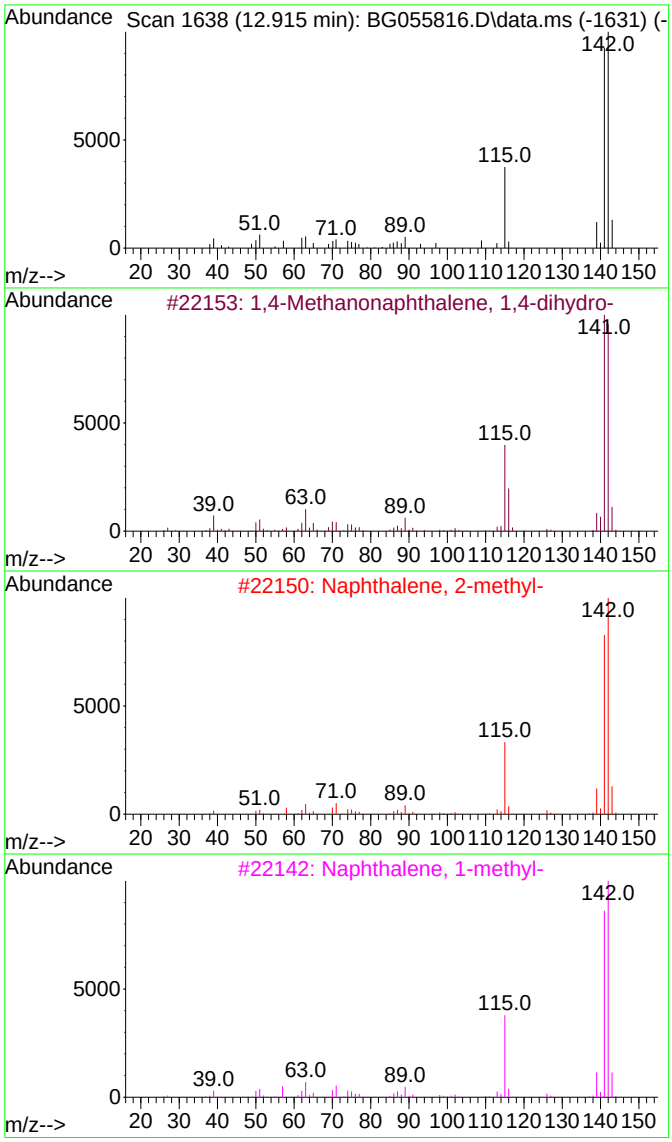
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

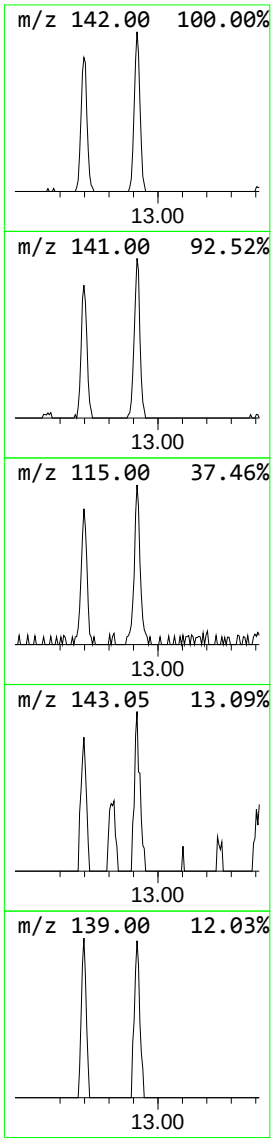
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,4-Methanonaphthalene, 1,4... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.915	2.05 ng	50933	Naphthalene-d8	11.058

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Benzocycloheptatriene	142	C11H10	000264-09-5	86
5	o-Tolunitrile, .alpha.-cyano-	142	C9H6N2	003759-28-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

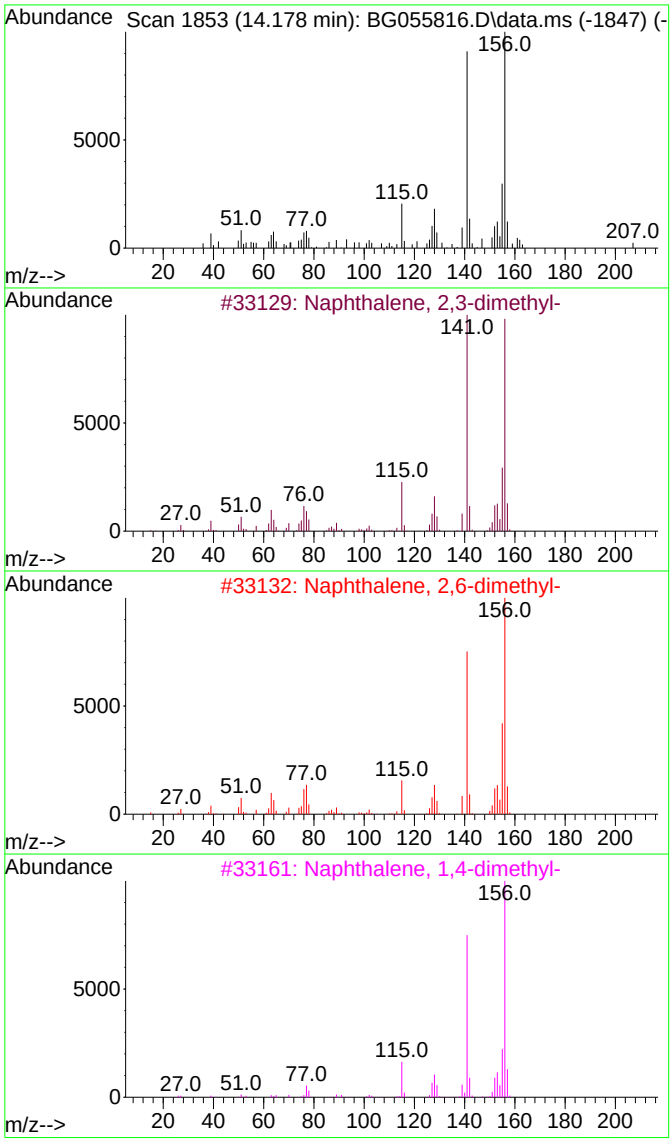
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

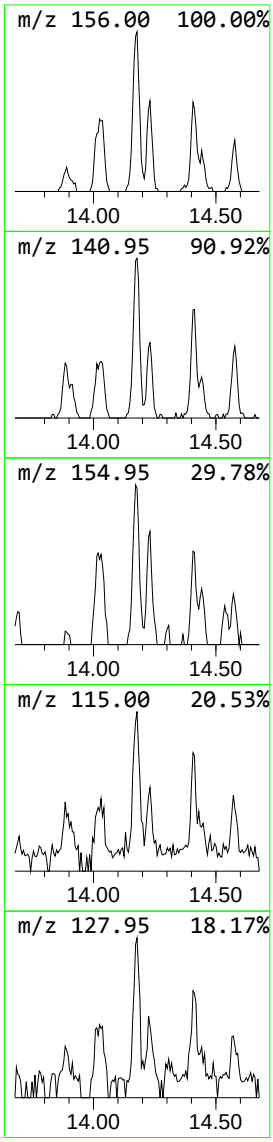
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.178	2.03 ng	71957	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

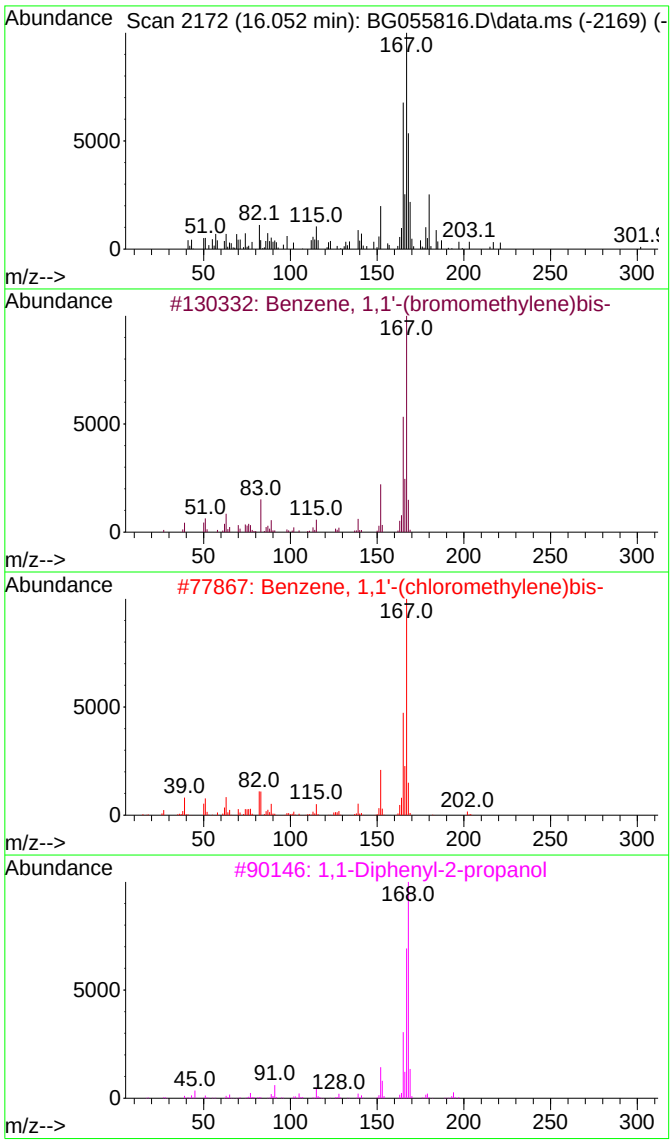
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

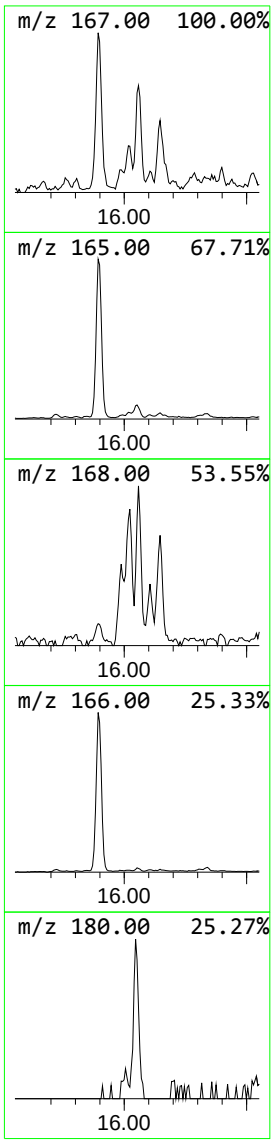
****

Peak Number 4 Benzene, 1,1'-(bromomethyle... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.052	2.14 ng	75864	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	50
2	Benzene, 1,1'-(chloromethylene)bis-	202	C13H11Cl	000090-99-3	50
3	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	47
4	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	47
5	1H-2-Pyrindine, octahydro-2,4,7-...	167	C11H21N	024282-31-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

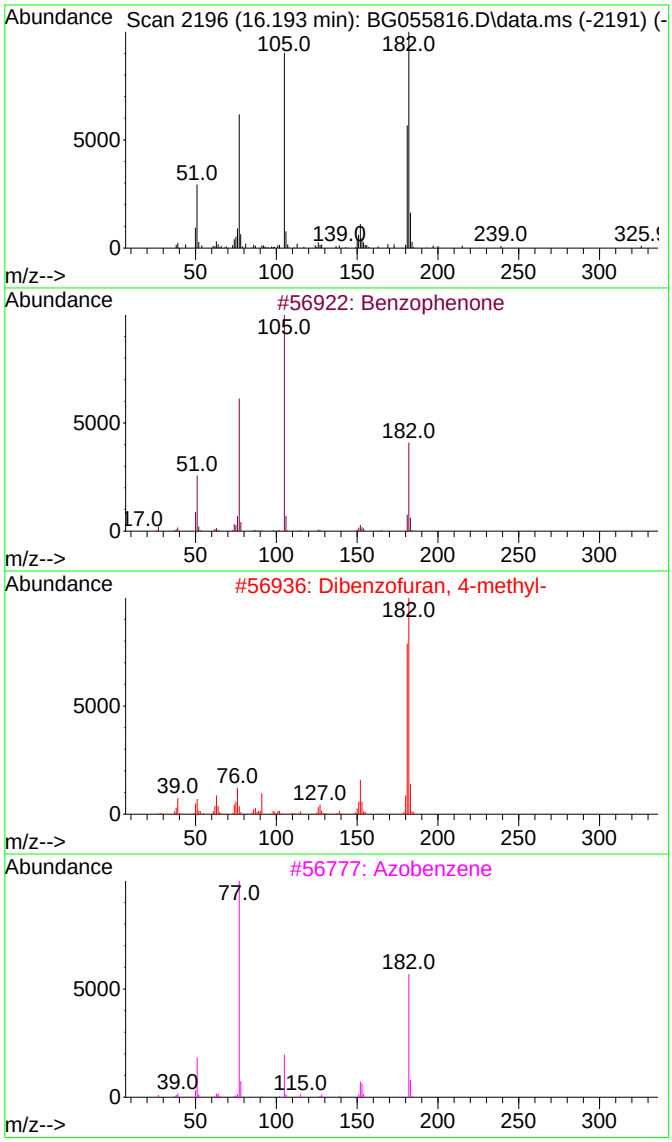
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

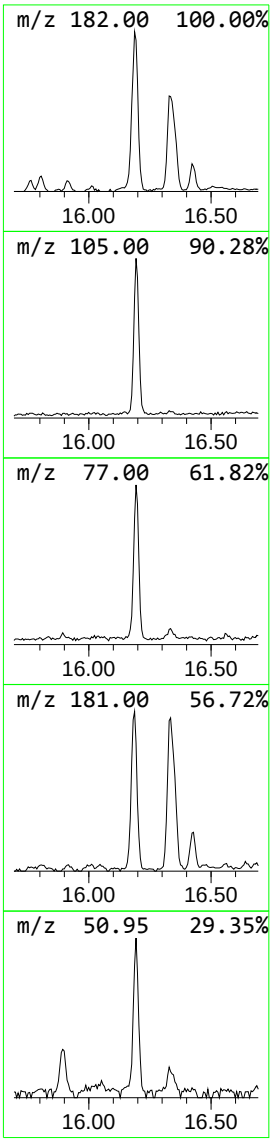
****

Peak Number 5 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.193	4.39 ng	155893	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
3	Azobenzene	182	C12H10N2	000103-33-3	47
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	43
5	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	38





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Data File : BG055816.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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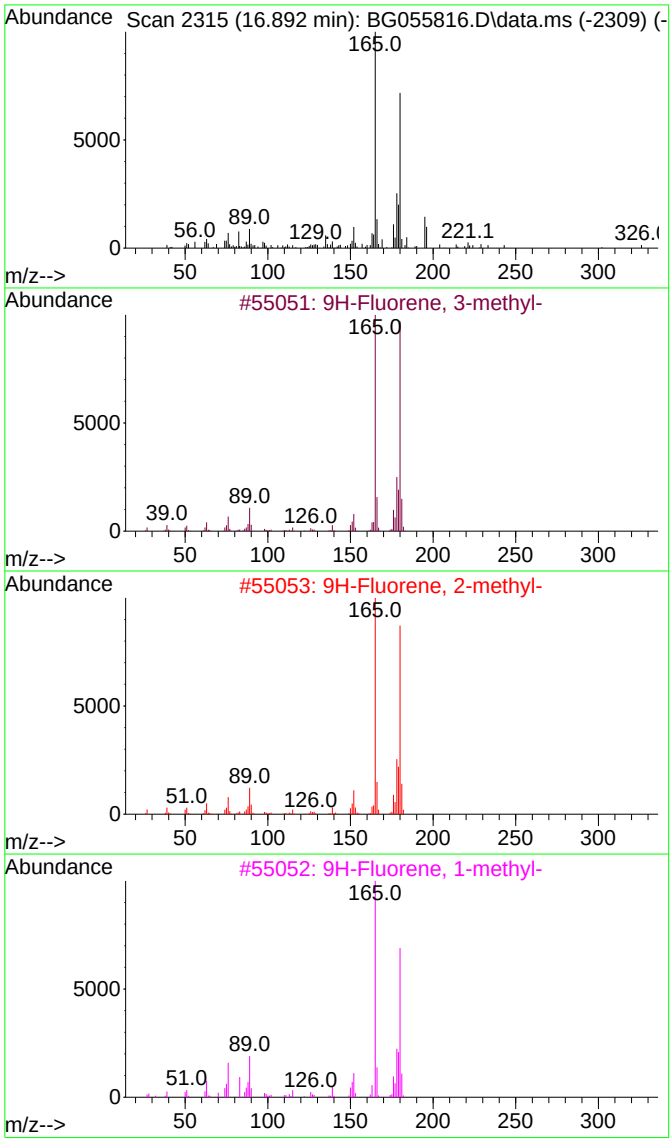
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

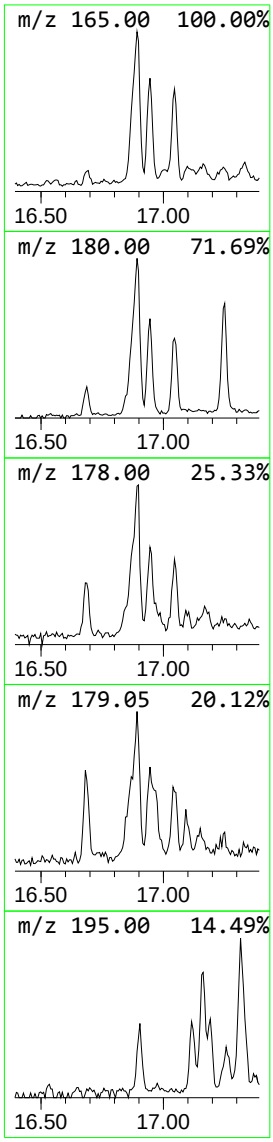
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9H-Fluorene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	3.25 ng	122328	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
5	Ethanone, 1-(2,5-dimethoxyphenyl)-	180	C10H12O3	001201-38-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

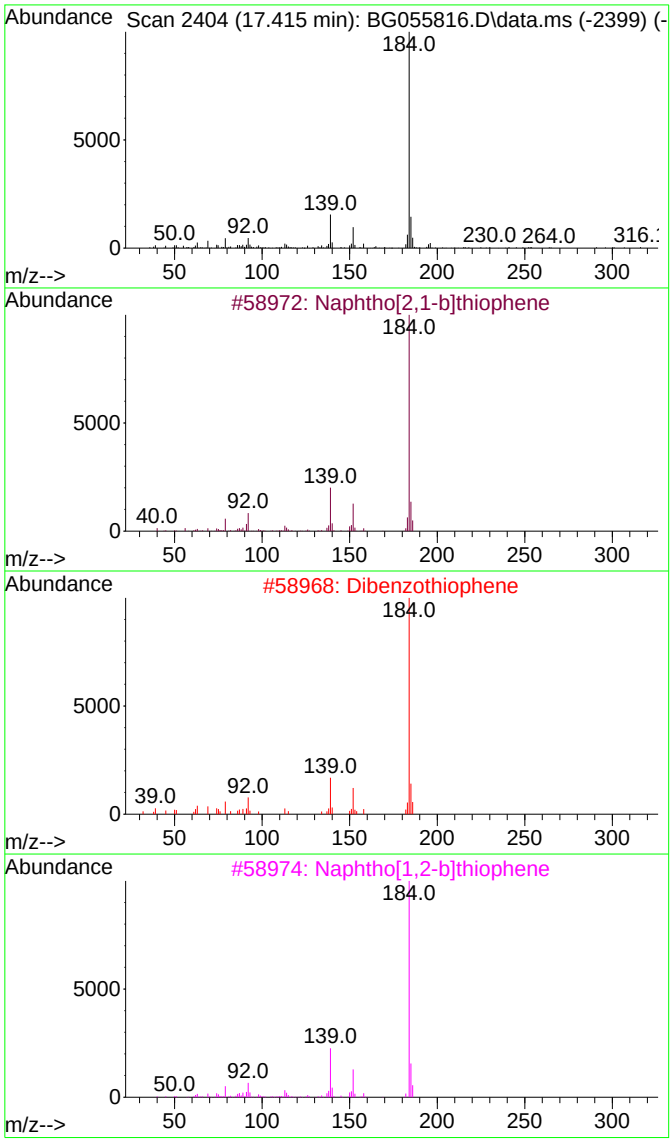
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

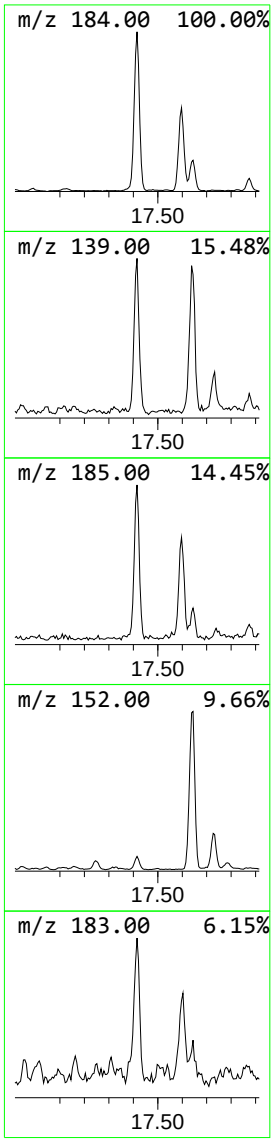
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.415	4.91 ng	184786	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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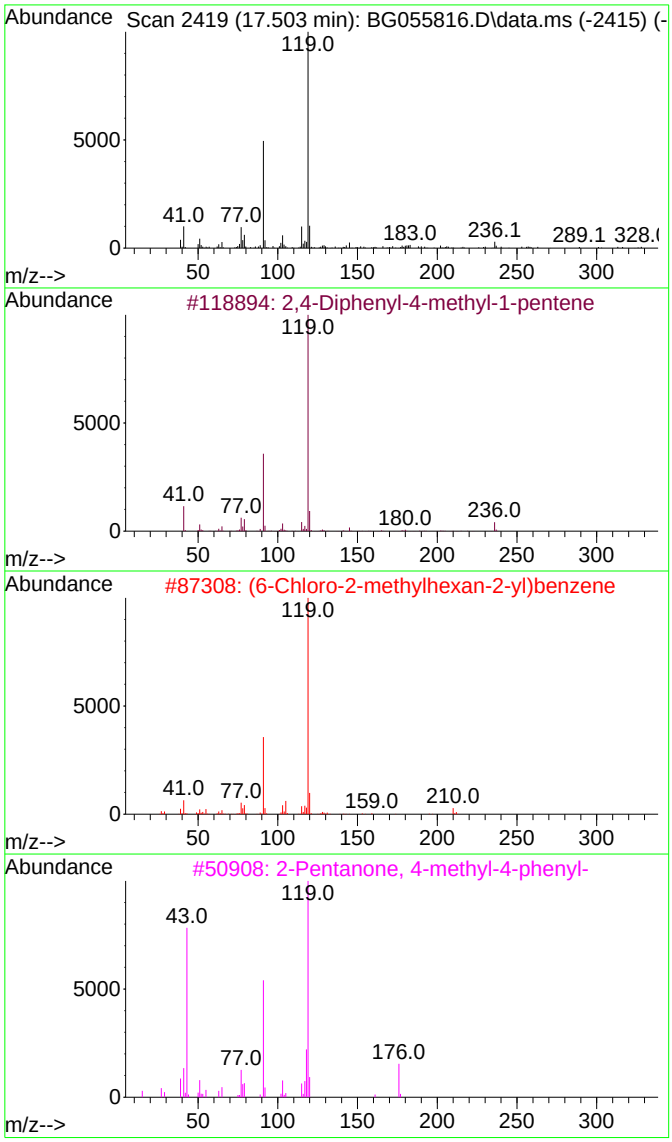
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

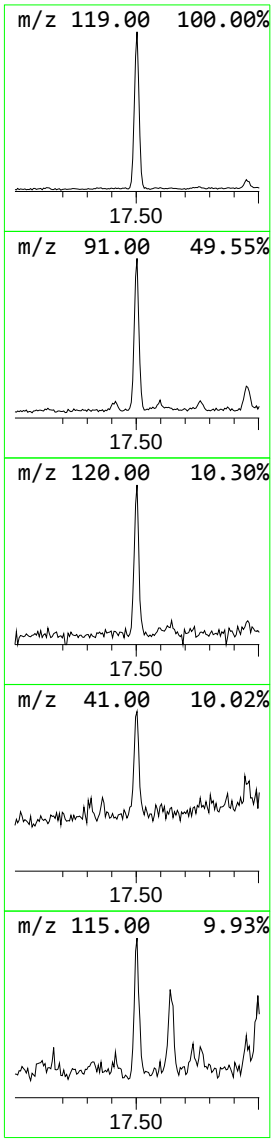
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2,4-Diphenyl-4-methyl-1-pen... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.503	3.14 ng	118383	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	90
2	(6-Chloro-2-methylhexan-2-yl)ben...	210	C13H19Cl	1417621-45-4	90
3	2-Pentanone, 4-methyl-4-phenyl-	176	C12H16O	007403-42-1	90
4	2,4,4,6-Tetramethyl-6-phenyl-1-h...	230	C17H26	1000293-27-9	86
5	o-Cymene	134	C10H14	000527-84-4	83





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ALS Vial : 13 Sample Multiplier: 1

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

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

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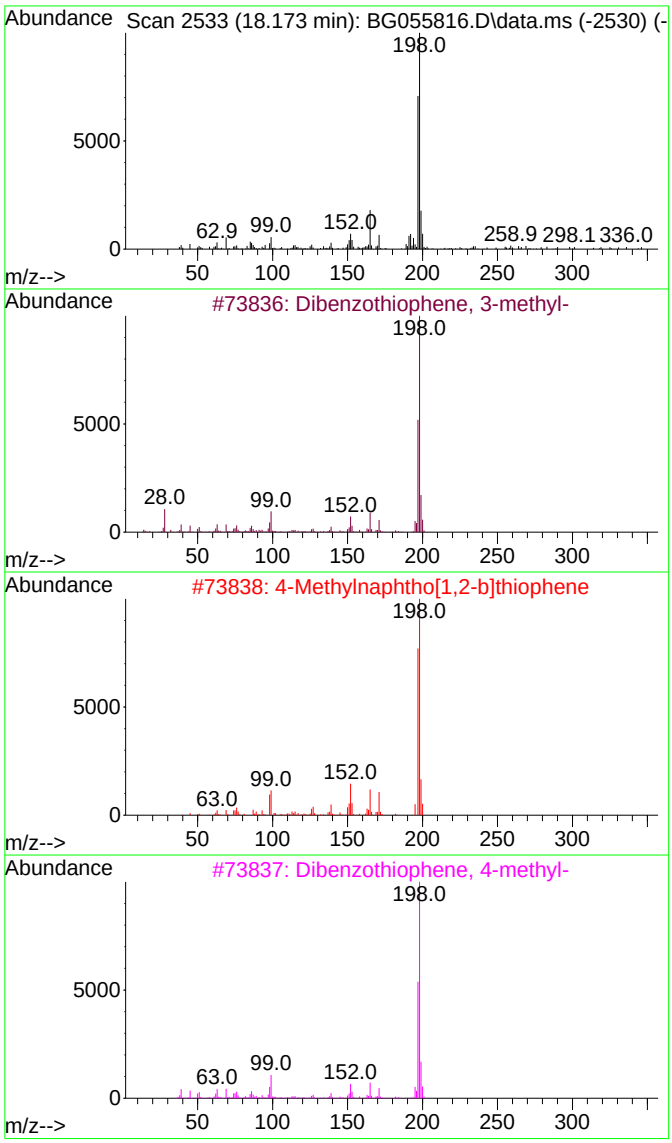
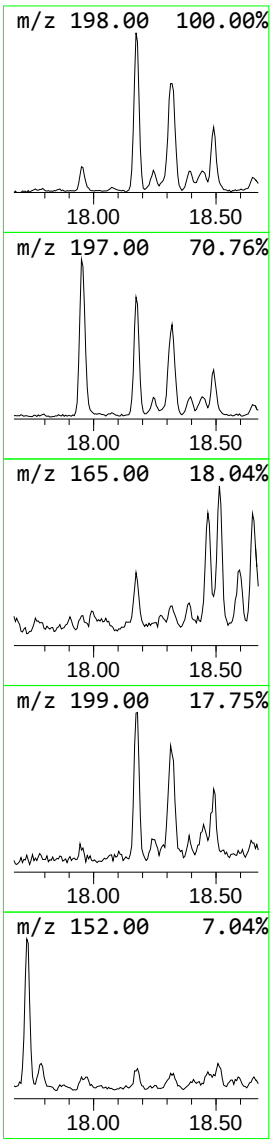
Peak Number 9 Dibenzothiophene, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.173	3.25 ng	122403	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	83
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83





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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\NIST20.L
TIC Integration Parameters: LSCINT.P

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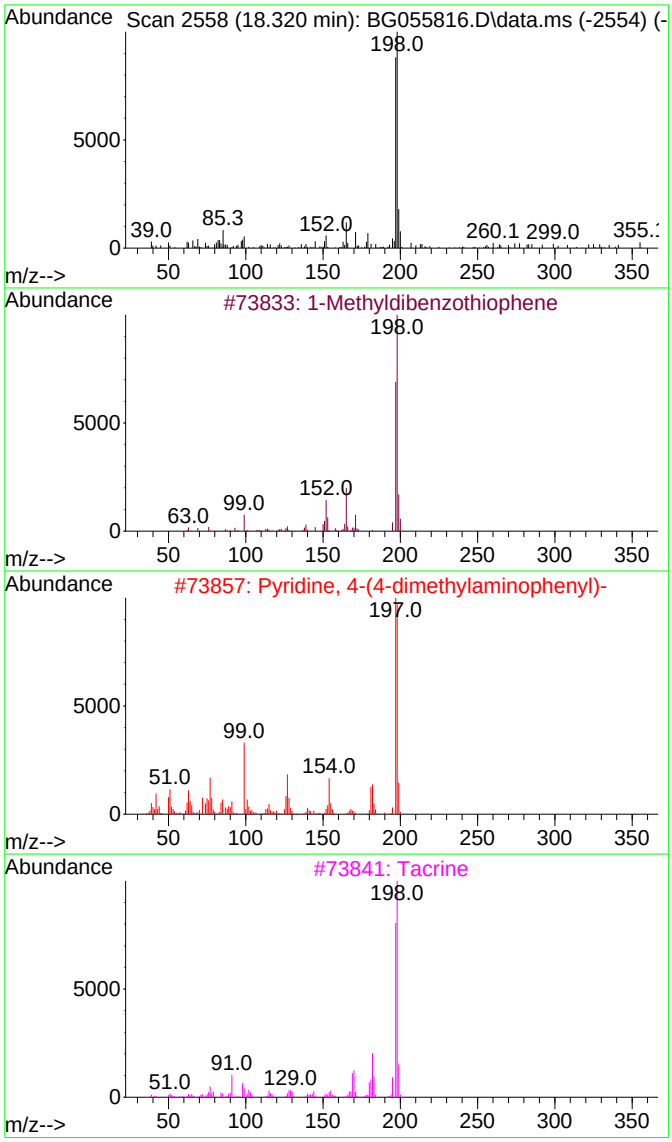
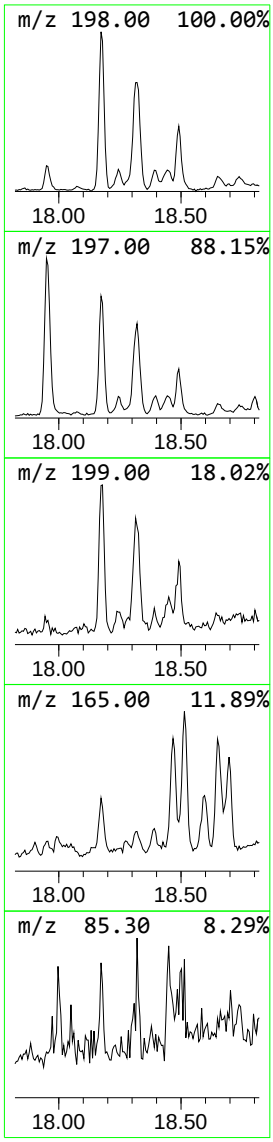
Peak Number 10 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	2.24 ng	84409	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
2	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
3	Tacrine	198	C13H14N2	000321-64-2	72
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	70





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

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

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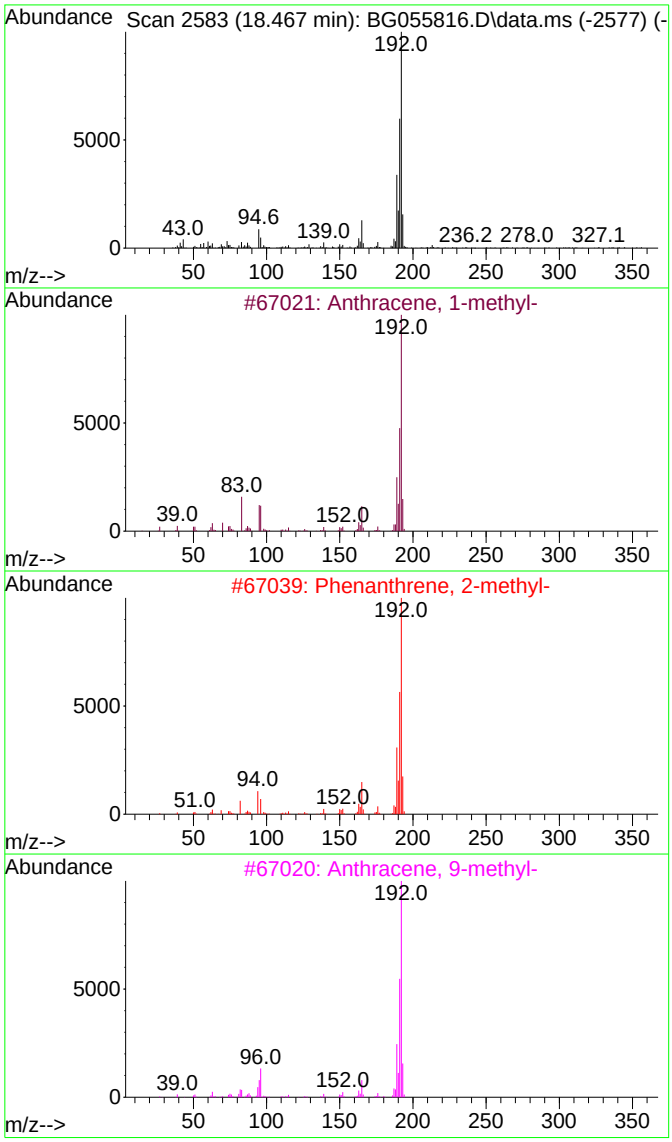
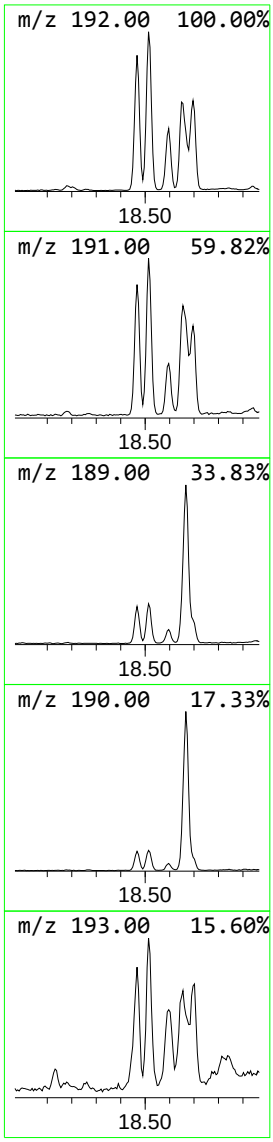
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.467	10.97 ng	413431	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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

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

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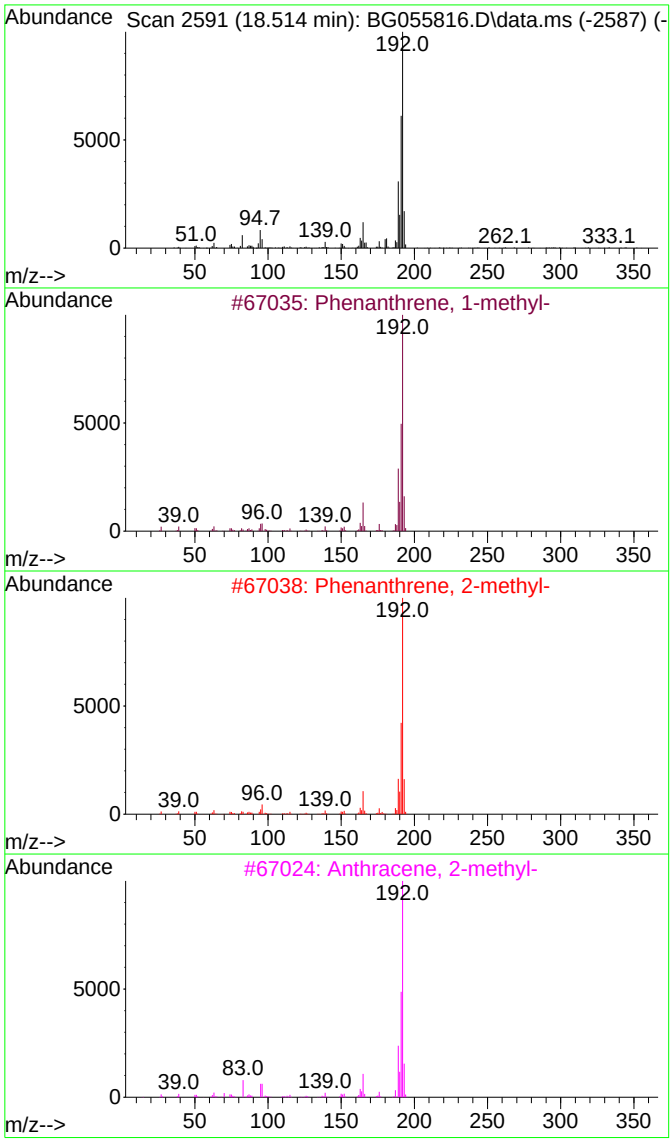
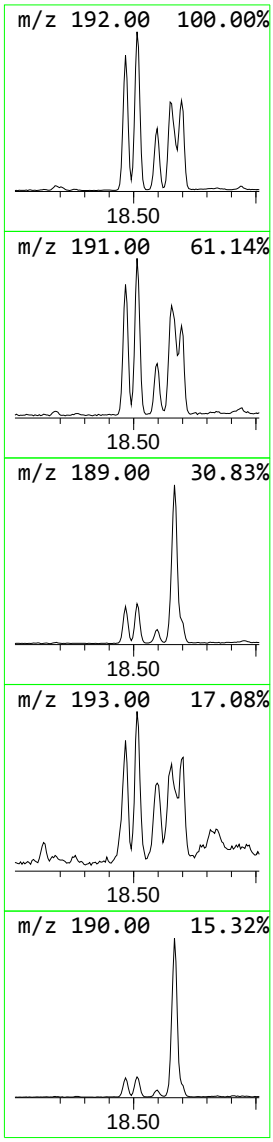
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.514	10.64 ng	400783	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

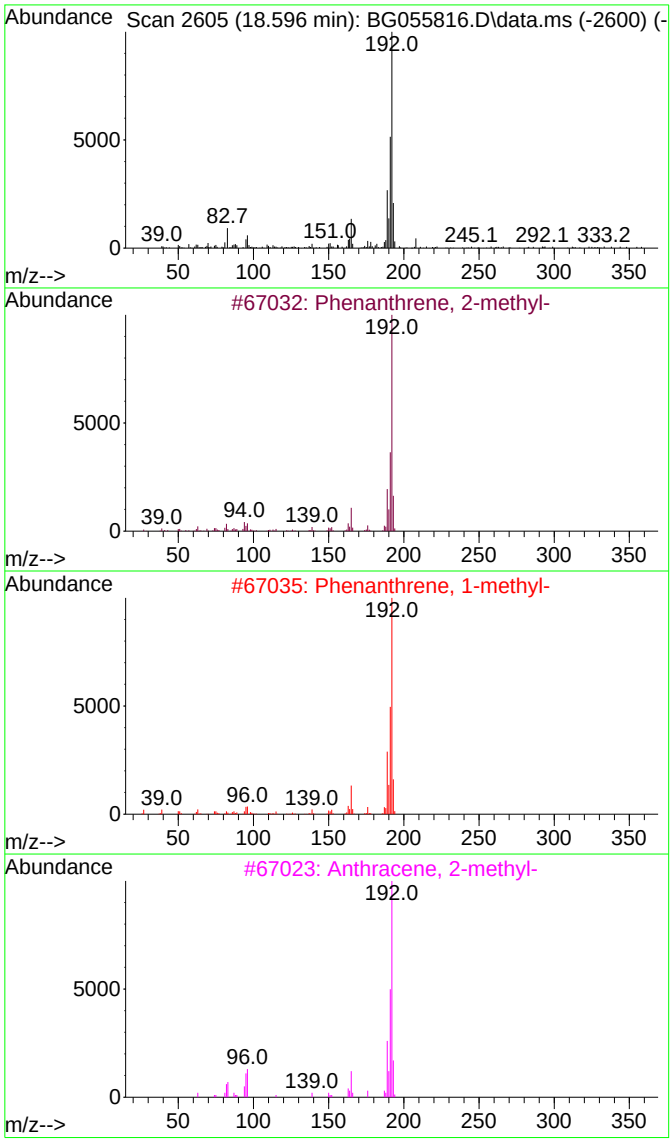
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

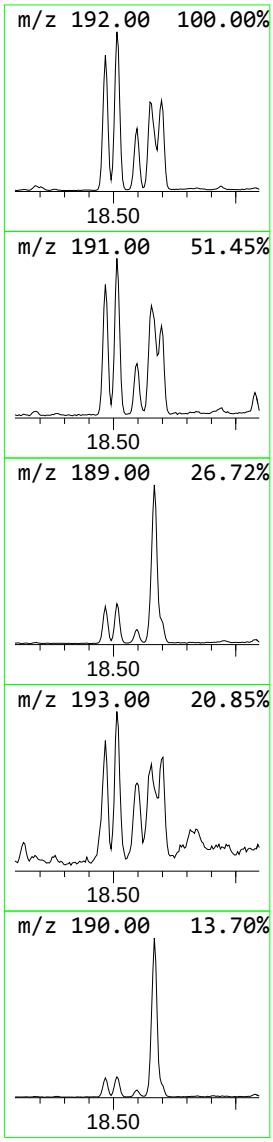
****

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.596	4.10 ng	154514	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

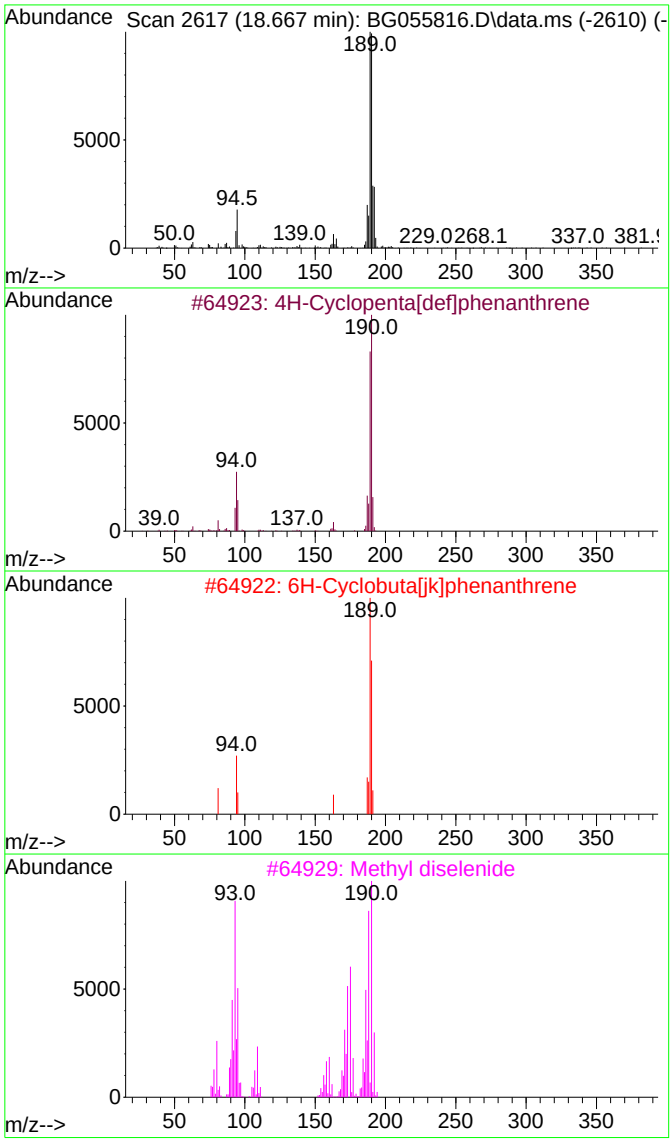
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

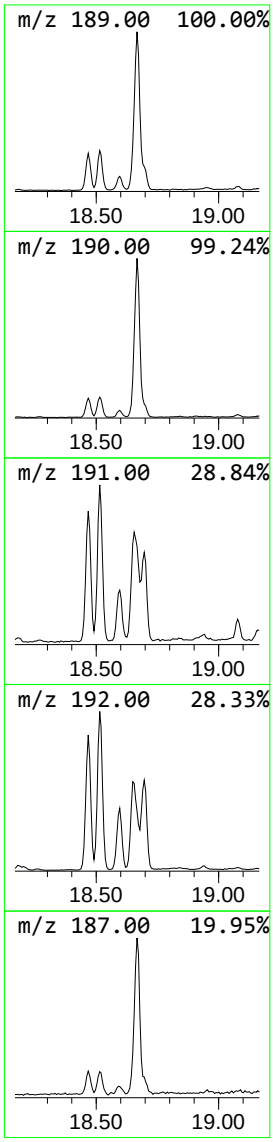
****

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.667	18.17 ng	684423	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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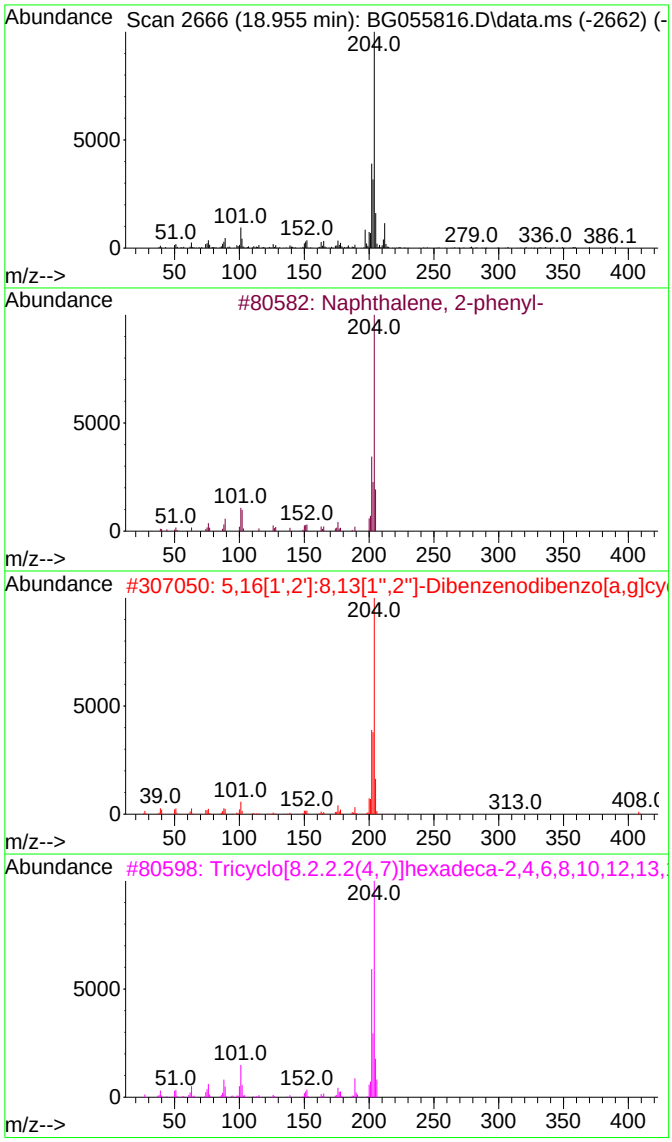
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

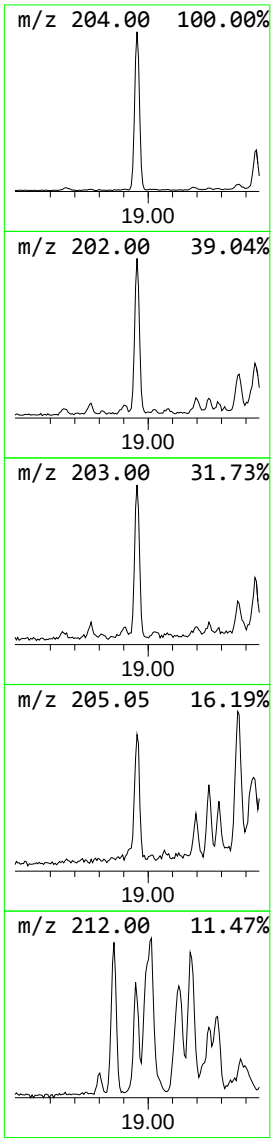
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.954	5.94 ng	223670	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50





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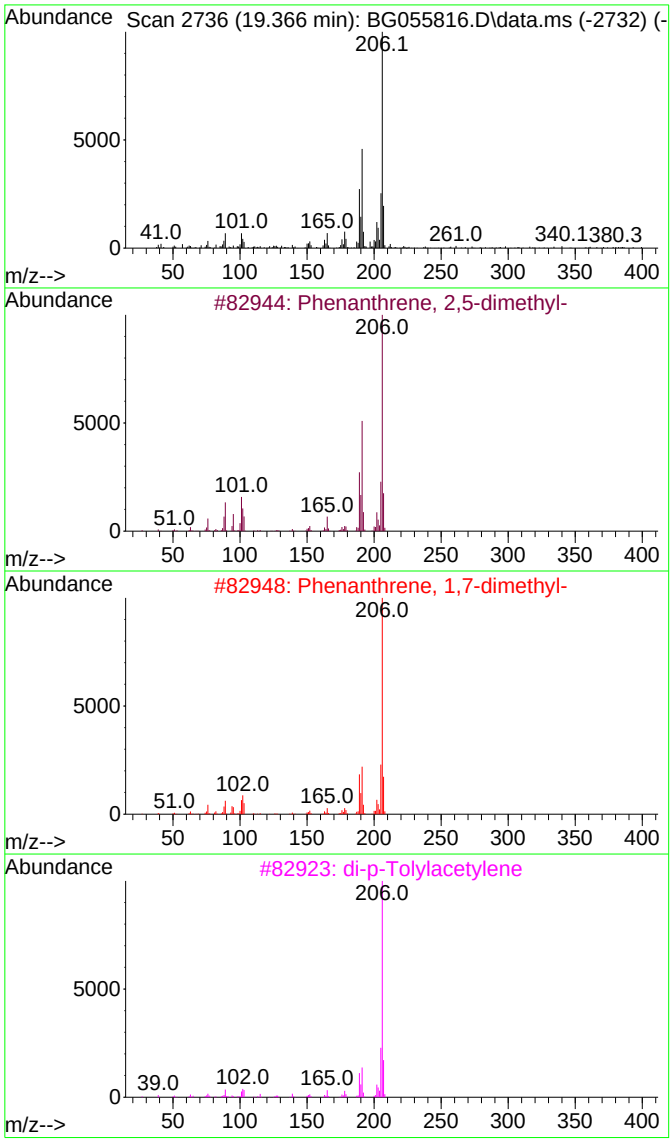
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

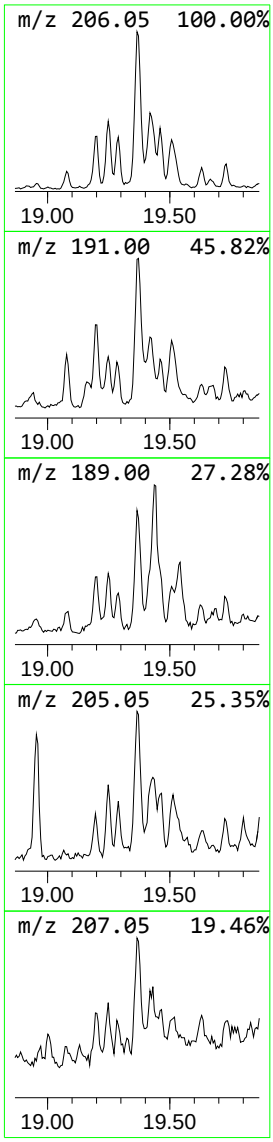
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	6.54 ng	246487	Phenanthrene-d10	17.597

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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ALS Vial : 13 Sample Multiplier: 1

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

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

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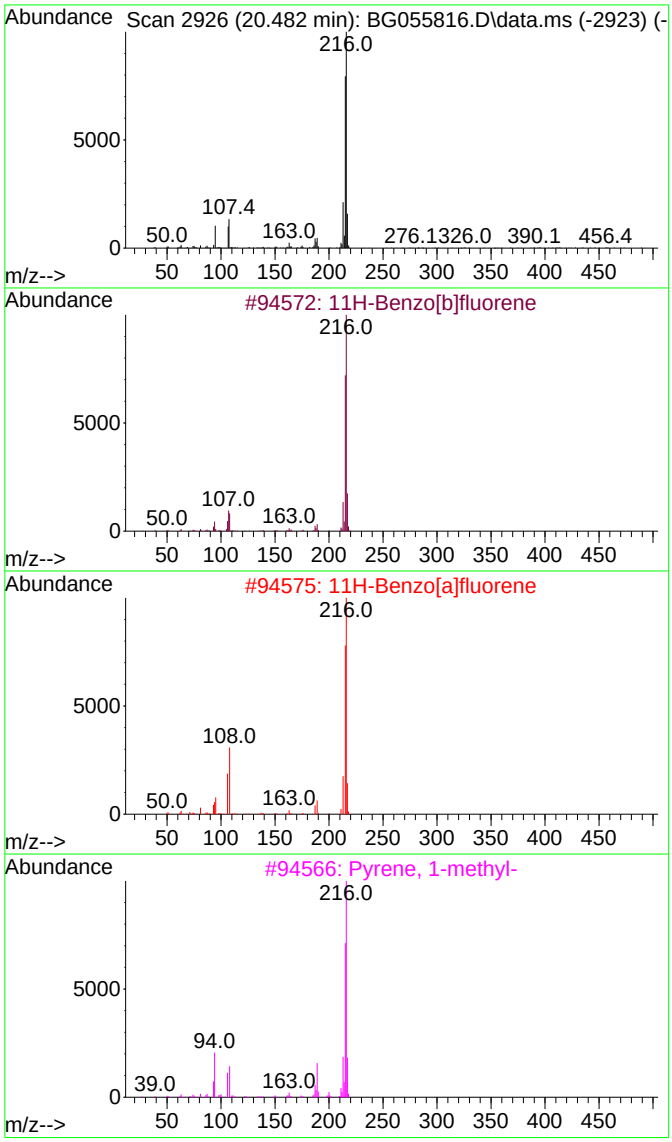
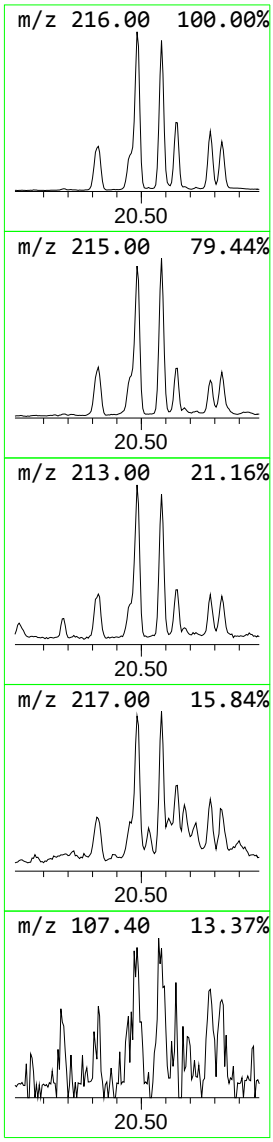
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.482	4.76 ng	487461	Chrysene-d12	21.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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

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

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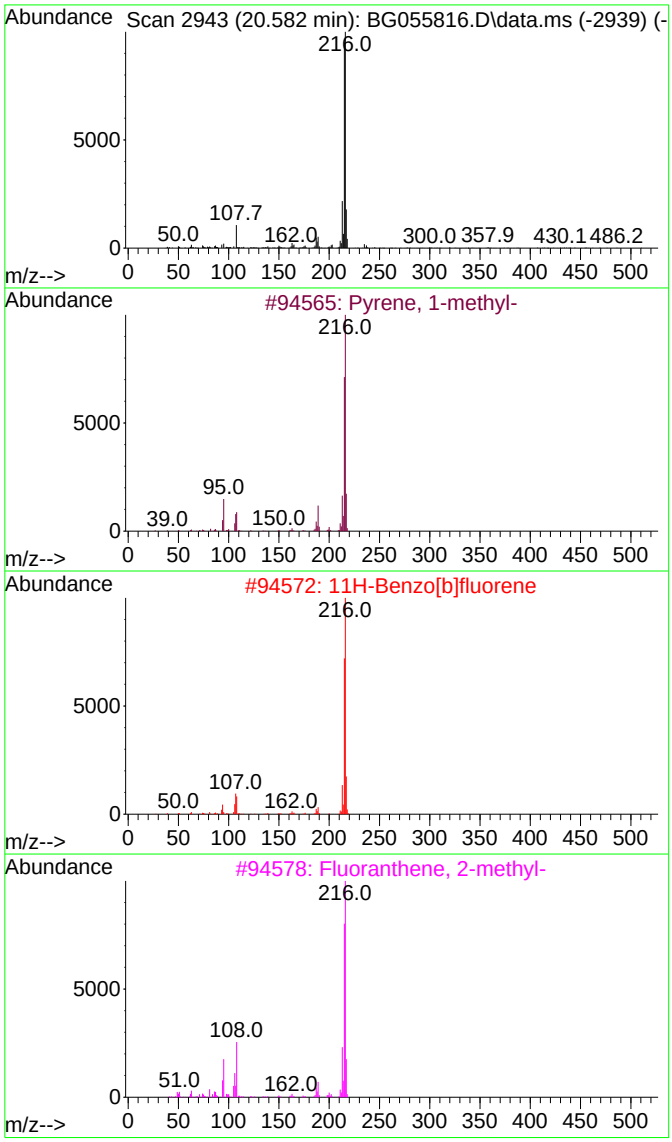
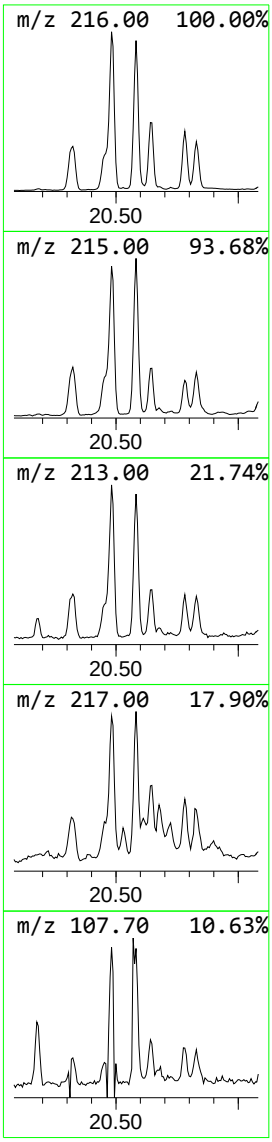
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.582	4.59 ng	469655	Chrysene-d12	21.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





Tentatively Identified Compound (LSC) summary

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Data File : BG055816.D
Acq On : 28 Nov 2022 22:35
Operator : CG/JU
Sample : N5772-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.282	4.2	ng	72204	1	8.232	348361	20.0
1,4-Methanonaph...	12.915	2.0	ng	50933	2	11.058	497130	20.0
Naphthalene, 2,...	14.178	2.0	ng	71957	3	14.854	710183	20.0
Benzene, 1,1'-(...	16.052	2.1	ng	75864	3	14.854	710183	20.0
Benzophenone	16.193	4.4	ng	155893	3	14.854	710183	20.0
9H-Fluorene, 3-...	16.892	3.3	ng	122328	4	17.597	753422	20.0
Naphtho[2,1-b]t...	17.415	4.9	ng	184786	4	17.597	753422	20.0
2,4-Diphenyl-4-...	17.503	3.1	ng	118383	4	17.597	753422	20.0
Dibenzothiophen...	18.173	3.3	ng	122403	4	17.597	753422	20.0
1-Methyldibenzo...	18.320	2.2	ng	84409	4	17.597	753422	20.0
Anthracene, 1-m...	18.467	11.0	ng	413431	4	17.597	753422	20.0
Phenanthrene, 1...	18.514	10.6	ng	400783	4	17.597	753422	20.0
Phenanthrene, 2...	18.596	4.1	ng	154514	4	17.597	753422	20.0
4H-Cyclopenta[d...	18.667	18.2	ng	684423	4	17.597	753422	20.0
Naphthalene, 2-...	18.954	5.9	ng	223670	4	17.597	753422	20.0
Phenanthrene, 2...	19.366	6.5	ng	246487	4	17.597	753422	20.0
11H-Benzo[b]flu...	20.482	4.8	ng	487461	5	21.892	2048100	20.0
Pyrene, 1-methyl-	20.582	4.6	ng	469655	5	21.892	2048100	20.0