LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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: BG055848.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.657	226	233	239	rBV2	16793	29830	1.71%	0.171%
2	5.274	331	338	349	rBV	275555	419797	24.13%	2.401%
3	5.762	414	421	440	rBV	357060	677594	38.94%	3.876%
4	6.373	520	525	533	rVB	21921	34641	1.99%	0.198%
5	7.384	686	697	711	rBV	436875	841368	48.36%	4.813%
6	7.507	711	718	729	rVB	117704	218879	12.58%	1.252%
7	8.224	834	840	848	rVB	136473	226274	13.01%	1.294%
8	9.399	1032	1040	1052	rBV	166133	304565	17.50%	1.742%
9	9.616	1069	1077	1085	rVB	13349	24717	1.42%	0.141%
10	11.056	1315	1322	1328	rBV	180610	331341	19.04%	1.895%
11	11.103	1328	1330	1336	rVB2	15233	21683	1.25%	0.124%
12	11.967	1472	1477	1484	rBV3	10985	22718	1.31%	0.130%
13	12.695	1596	1601	1607	rVB2	23365	37850	2.18%	0.217%
14	12.907	1631	1637	1644	rVB	31810	56454	3.24%	0.323%
15	13.471	1726	1733	1740	rBV	816746	1236374	71.06%	7.072%
16	13.647	1757	1763	1767	rBV2	17447	34673	1.99%	0.198%
17	13.888	1799	1804	1806	rBV	11943	20805	1.20%	0.119%
18	14.023	1818	1827	1835	rBV3	42195	119021	6.84%	0.681%
19	14.170	1846	1852	1857	rBV2	80412	143487	8.25%	0.821%
20	14.223	1857	1861	1865	rVV	38962	57484	3.30%	0.329%
21	14.299	1871	1874	1879	rVB	28826	37672	2.17%	0.215%
22	14.405	1887	1892	1896	rBV	50453	81733	4.70%	0.468%
23	14.575	1916	1921	1927	rBV2	61566	107579	6.18%	0.615%
24	14.851	1962	1968	1973	rVB	284417	435411	25.03%	2.491%
25	14.916	1974	1979	1984	rVB2	51791	82930	4.77%	0.474%
26	15.045	1996	2001	2010	rBV2	35431	88151	5.07%	0.504%
27	15.133	2011	2016	2018	rBV2	18351	31147	1.79%	0.178%
28	15.239	2027	2034	2040	rBV2	73492	133375	7.67%	0.763%
29	15.316	2042	2047	2054	rVB	70256	107490	6.18%	0.615%
30	15.457	2065	2071	2076	rBV2	62581	122354	7.03%	0.700%
31	15.509	2076	2080	2084	rVB	55318	77317	4.44%	0.442%
32	15.627	2093	2100	2103	rBV5	45280	101459	5.83%	0.580%
33	15.656	2103	2105	2110	rVB2	41202	49791	2.86%	0.285%
34	15.891	2140	2145	2155	rVB3	75678	154286	8.87%	0.883%
35	16.050	2170	2172	2176	rVB3	45032	56207	3.23%	0.322%
36	16.191	2191	2196	2202	rVB	343961	516005	29.66%	2.952%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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	16.332	2215	2220	2228	rBV	364588	621818	35.74%	3.557%
38	16.544	2252	2256	2268	rVB6	64111	159295	9.16%	0.911%
39	16.943	2321	2324	2329	rVB3	53104	63937	3.67%	0.366%
40	17.407	2400	2403	2410	rVB	84285	126778	7.29%	0.725%
41	17.589	2429	2434	2438	rBV	333501	535785	30.79%	3.065%
42	17.636	2438	2442	2448	rVB	608968	915251	52.60%	5.235%
43	17.724	2453	2457	2461	rBV	129764	186243	10.70%	1.065%
44	18.171	2530	2533	2538	rVB	113427	168825	9.70%	0.966%
45	18.465	2578	2583	2586	rBV	287165	446888	25.68%	2.556%
46	18.512	2587	2591	2596	rVB	349018	492486	28.31%	2.817%
47	18.653	2610	2615	2619	rBV2	306249	621756	35.74%	3.556%
48	18.947	2662	2665	2669	rBV	151022	199356	11.46%	1.140%
49	19.246	2713	2716	2719	rBV	119139	140625	8.08%	0.804%
50	19.370	2732	2737	2741	rBV	315701	533077	30.64%	3.049%
51	19.634	2777	2782	2786	rBV	693535	980260	56.34%	5.607%
52	19.998	2839	2844	2849	rVB	1149661	1739894	100.00%	9.952%
53	20.175	2870	2874	2879	rVB	1235663	1530046	87.94%	8.752%
54	21.867	3158	3162	3169	rBV2	393614	977654	56.19%	5.592%

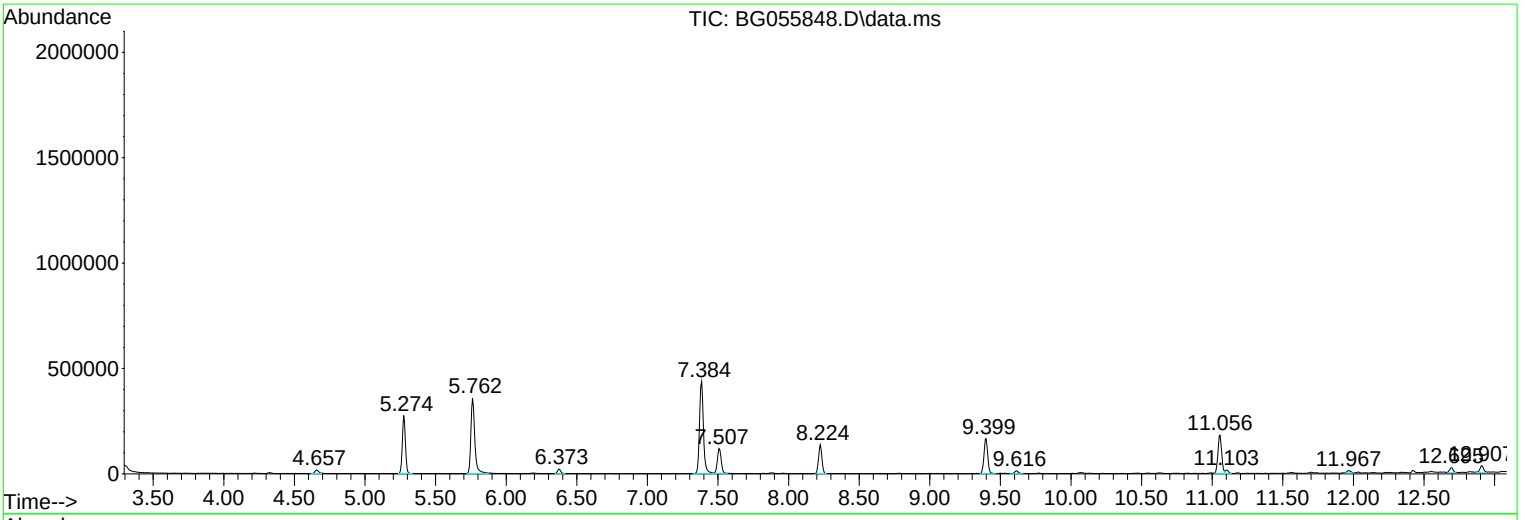
Sum of corrected areas: 17482436

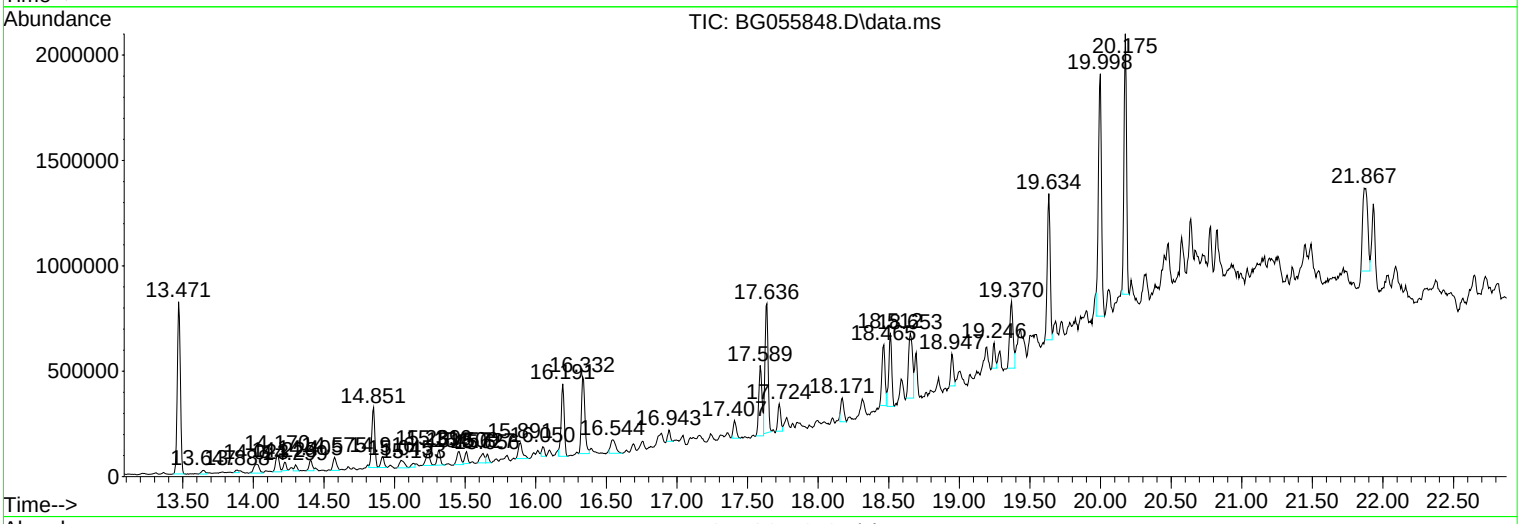
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

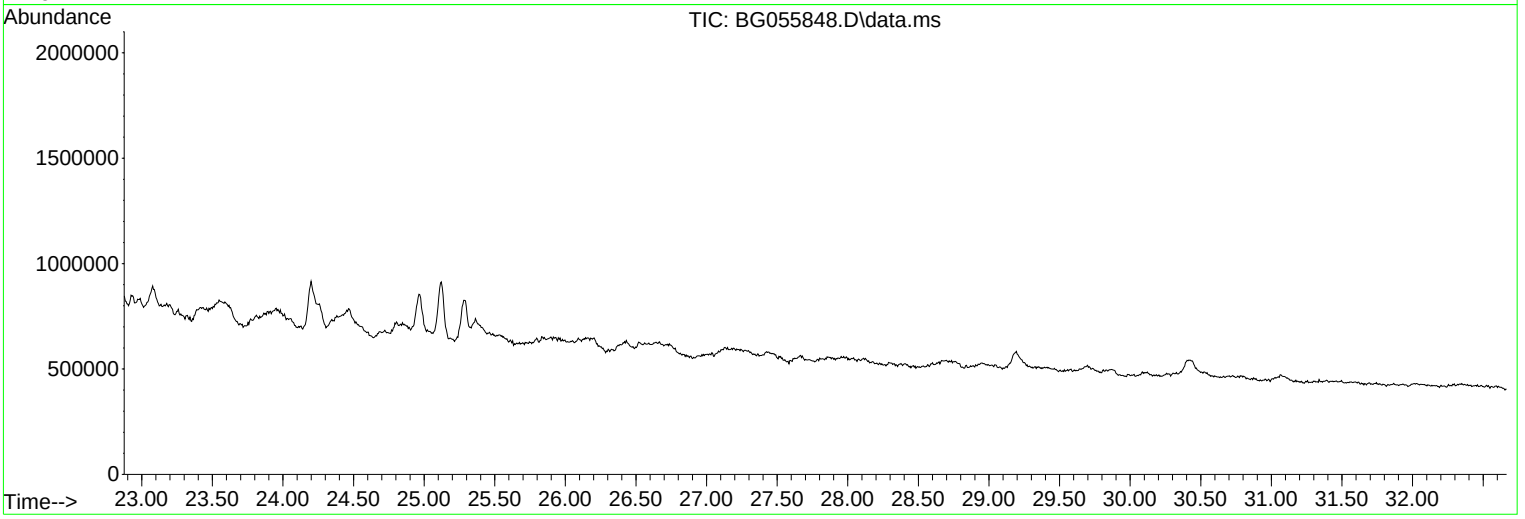
Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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

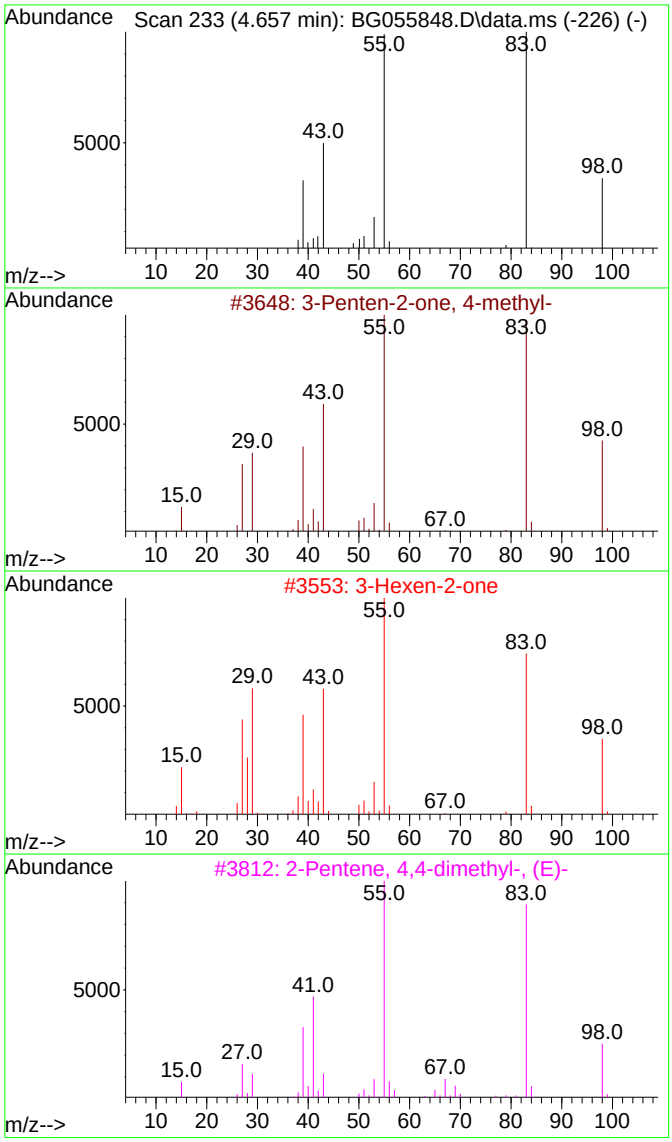
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

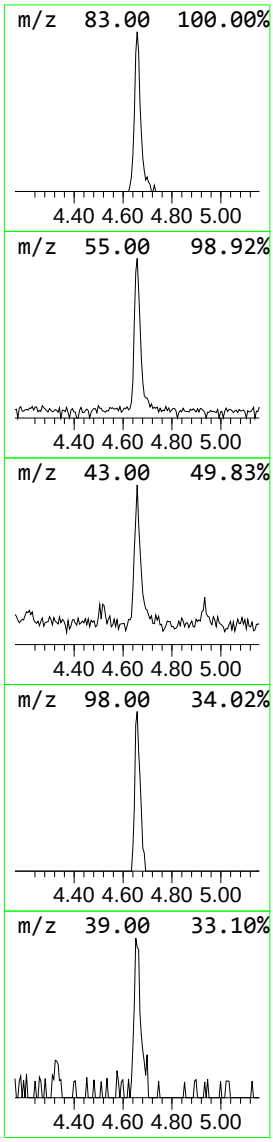
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.657	2.64 ng	29830	1,4-Dichlorobenzene-d4	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
4	2-Pentene, 3,4-dimethyl-	98	C7H14	024910-63-2	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

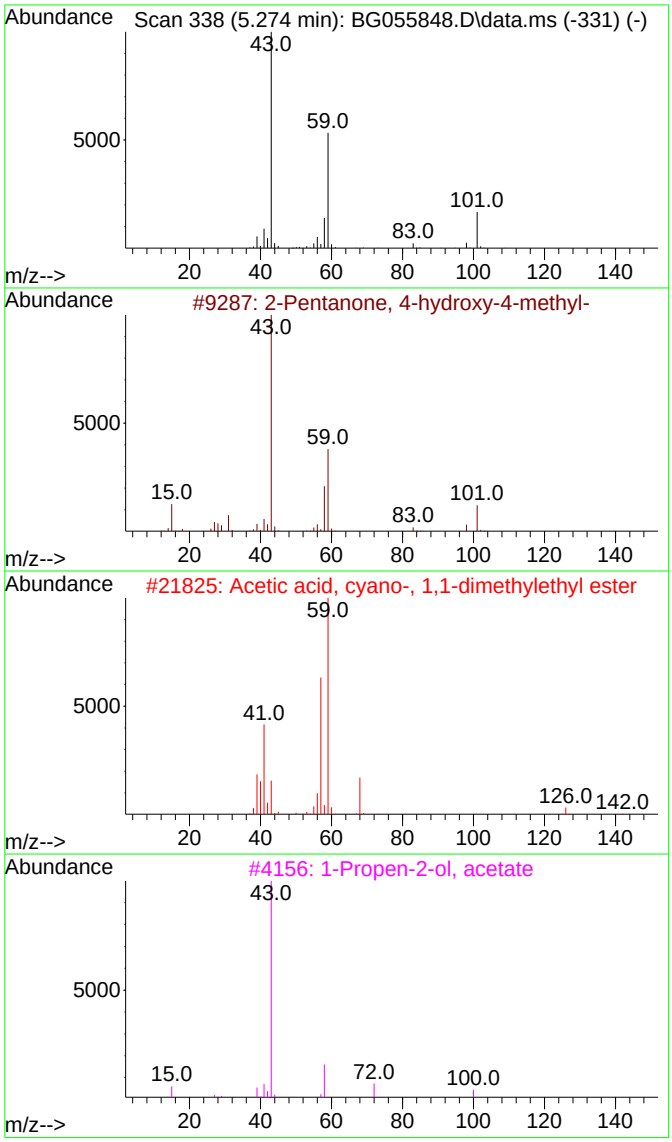
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

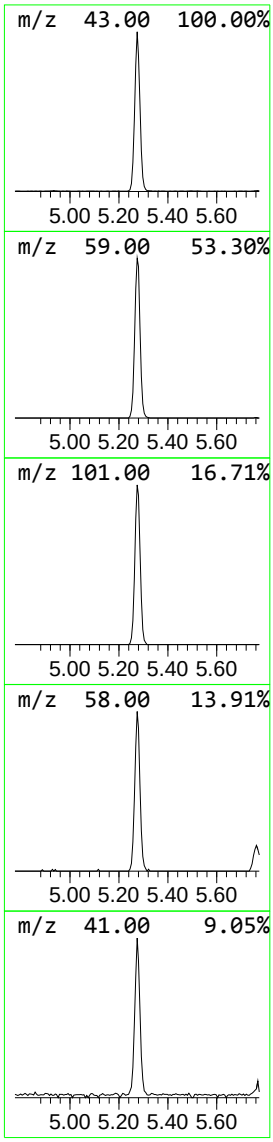
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.274	37.11 ng	419797	1,4-Dichlorobenzene-d4	8.224

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

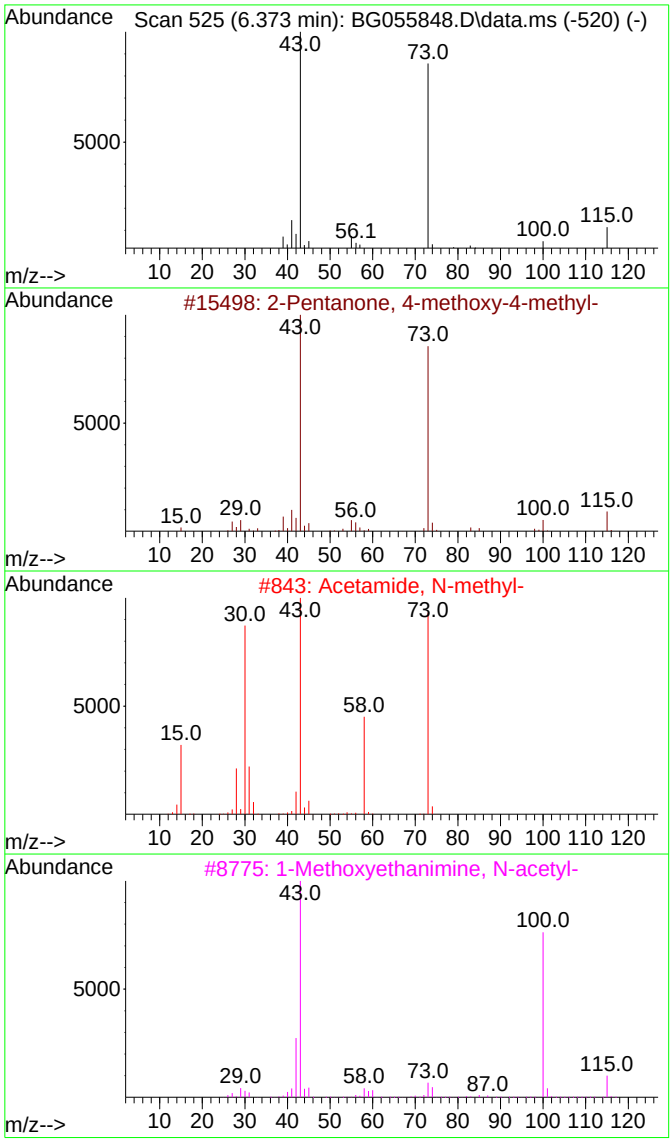
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

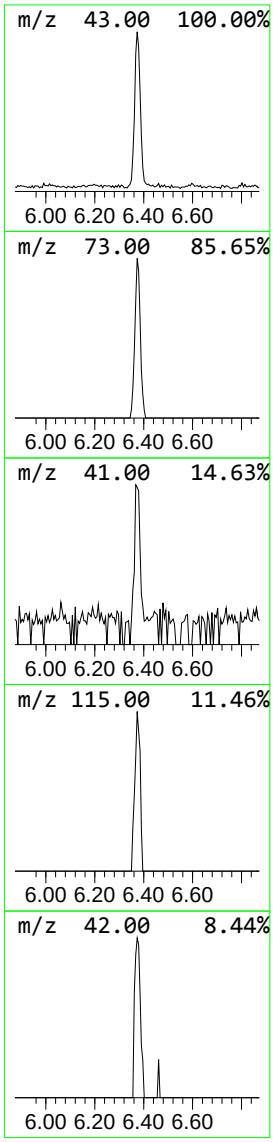
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.373	3.06 ng	34641	1,4-Dichlorobenzene-d4	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Di-n-propyl ether	102	C6H14O	000111-43-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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

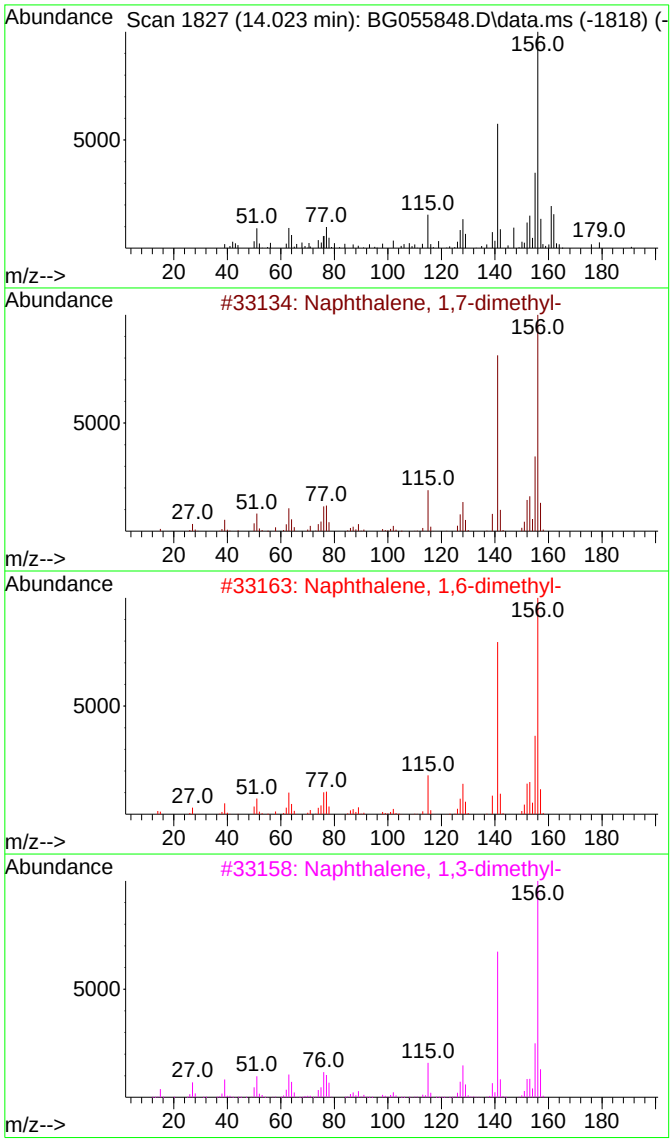
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

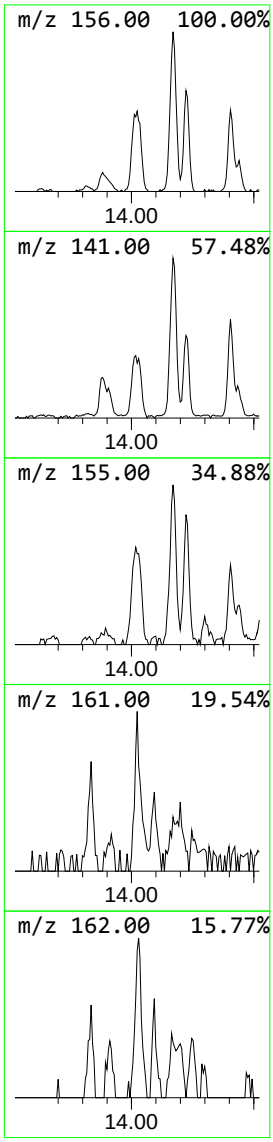
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.023	5.47 ng	119021	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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

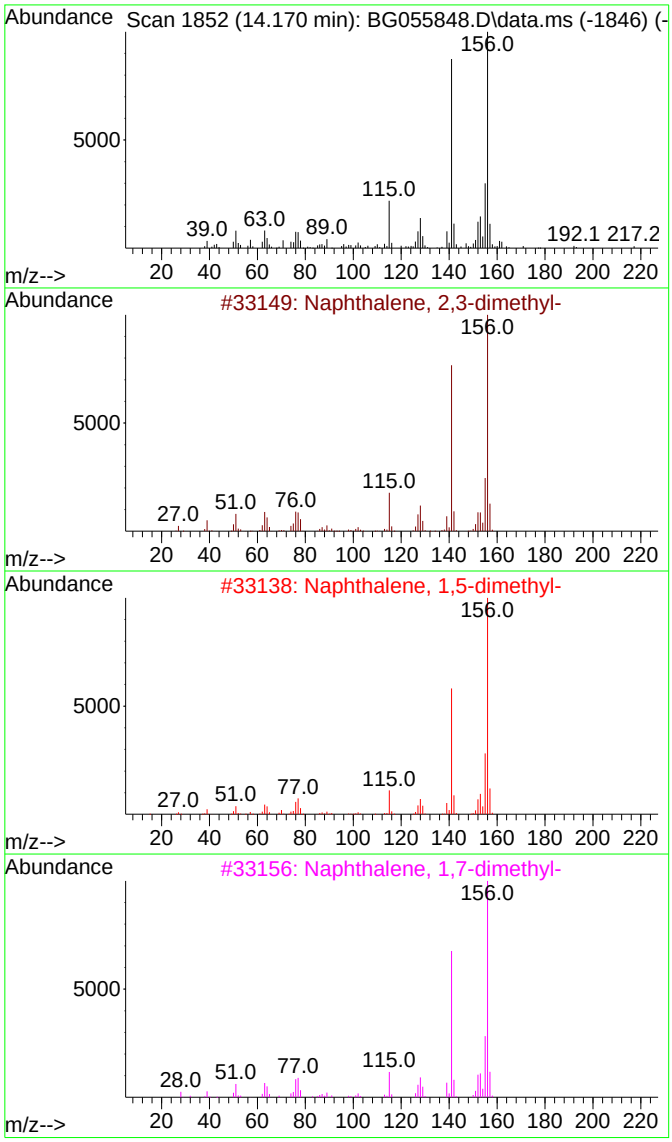
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

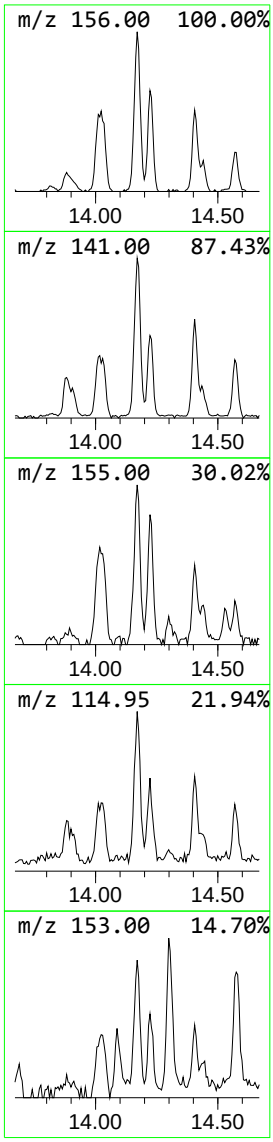
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.170	6.59 ng	143487	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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

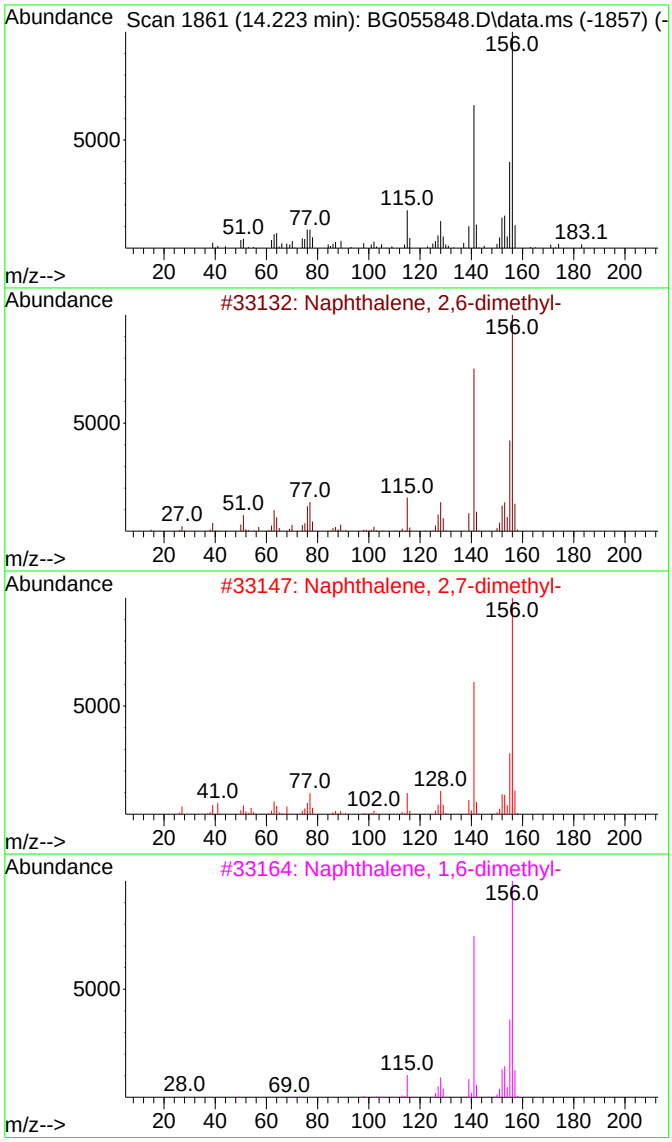
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

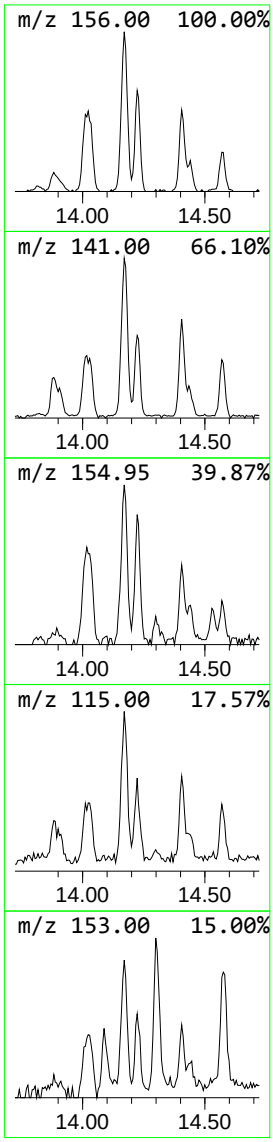
****

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.223	2.64 ng	57484	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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

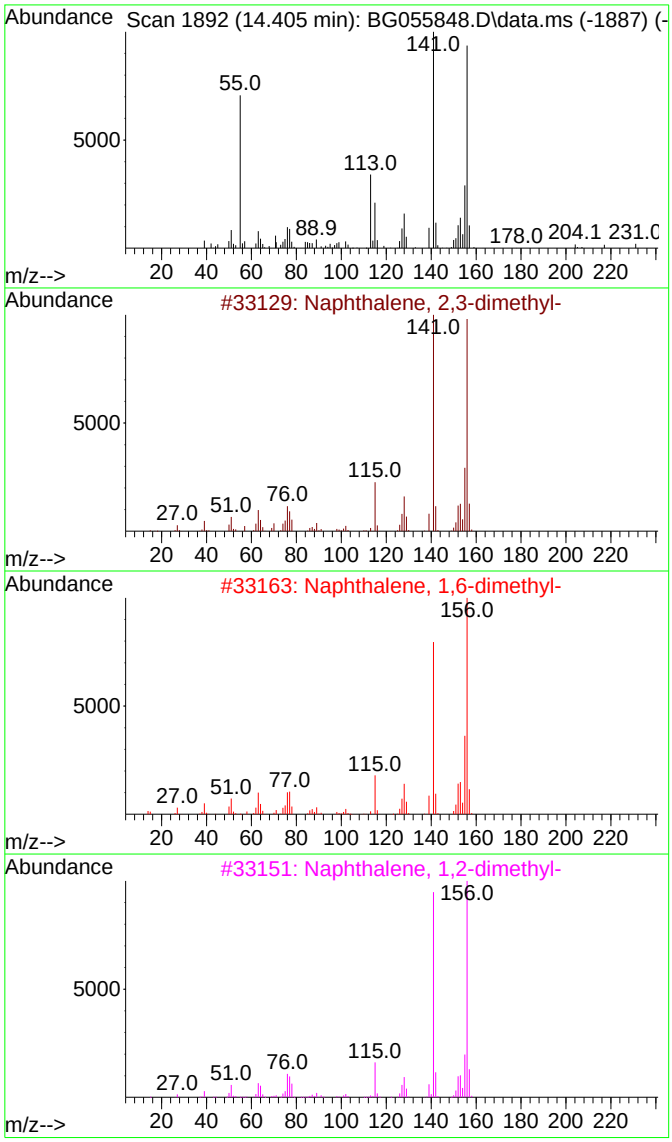
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

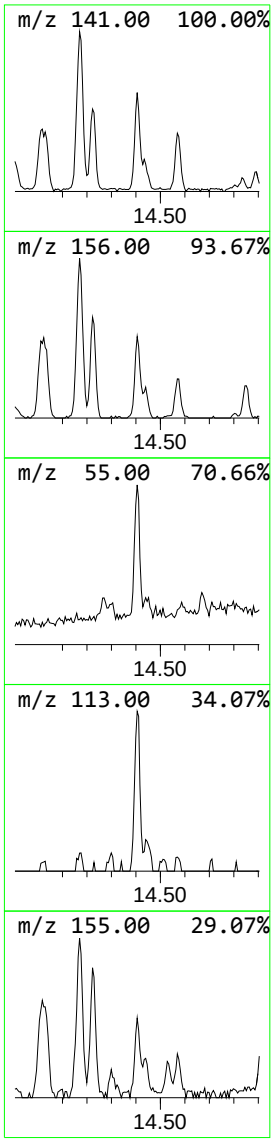
****

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.405	3.75 ng	81733	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

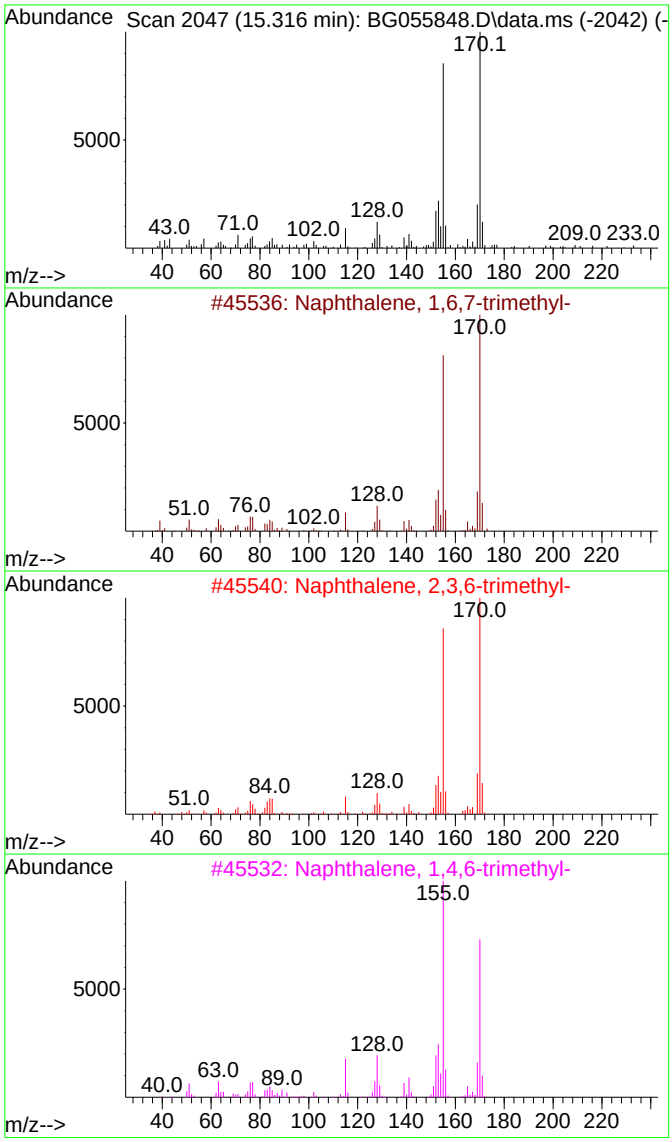
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

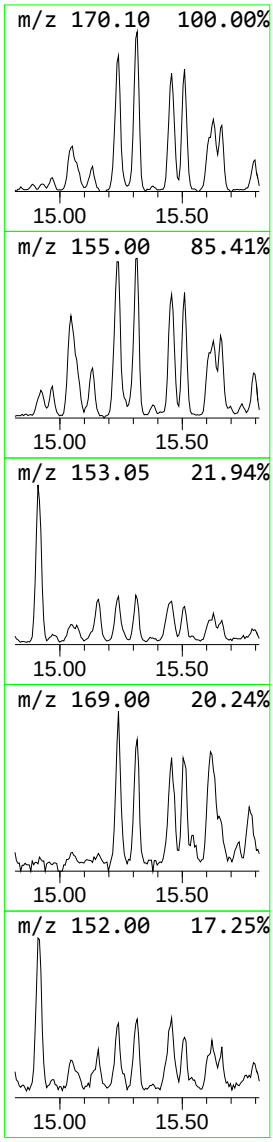
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	4.94 ng	107490	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-40-SB01

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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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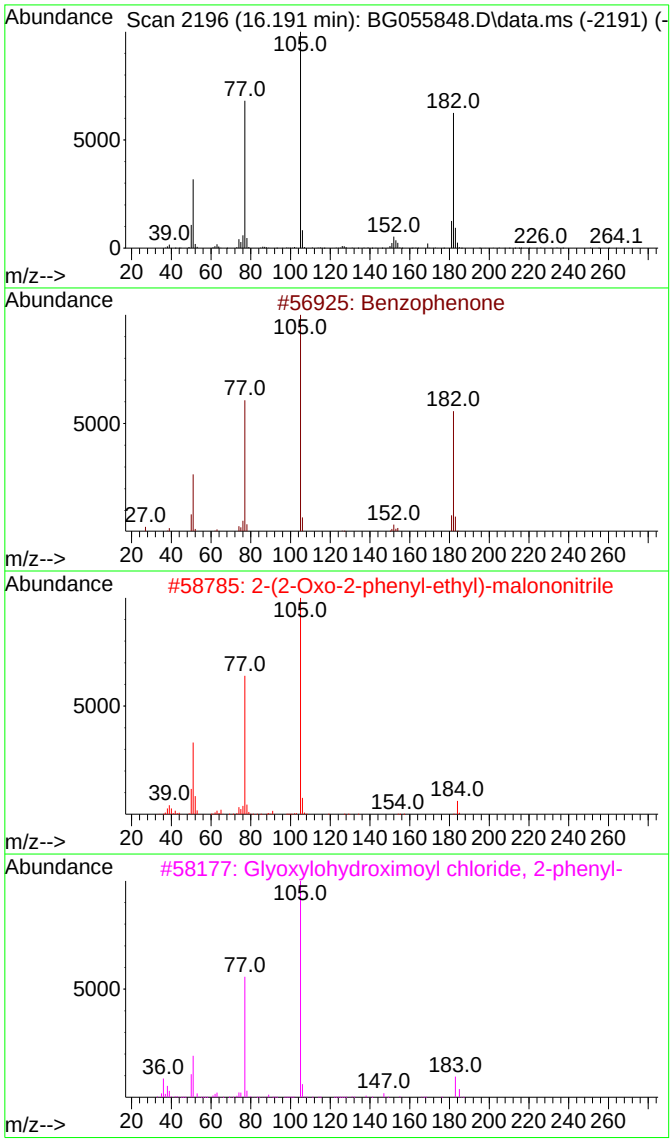
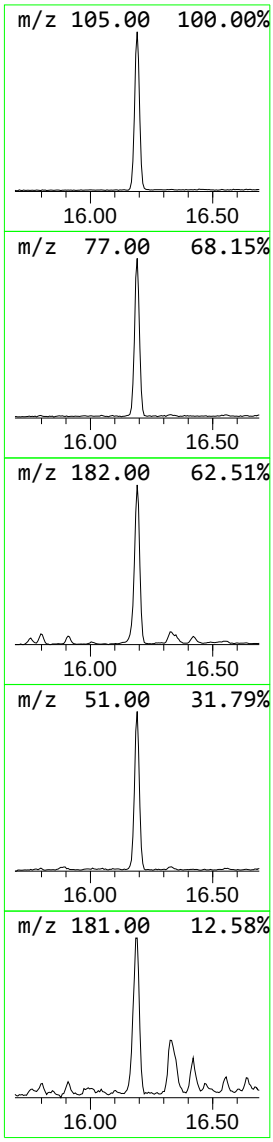
Peak Number 10 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.191	23.70 ng	516005	Acenaphthene-d10	14.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
3	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	43
4	Benzoylformic acid	150	C8H6O3	000611-73-4	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	38





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Sample : N5793-01
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ALS Vial : 12 Sample Multiplier: 1

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

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

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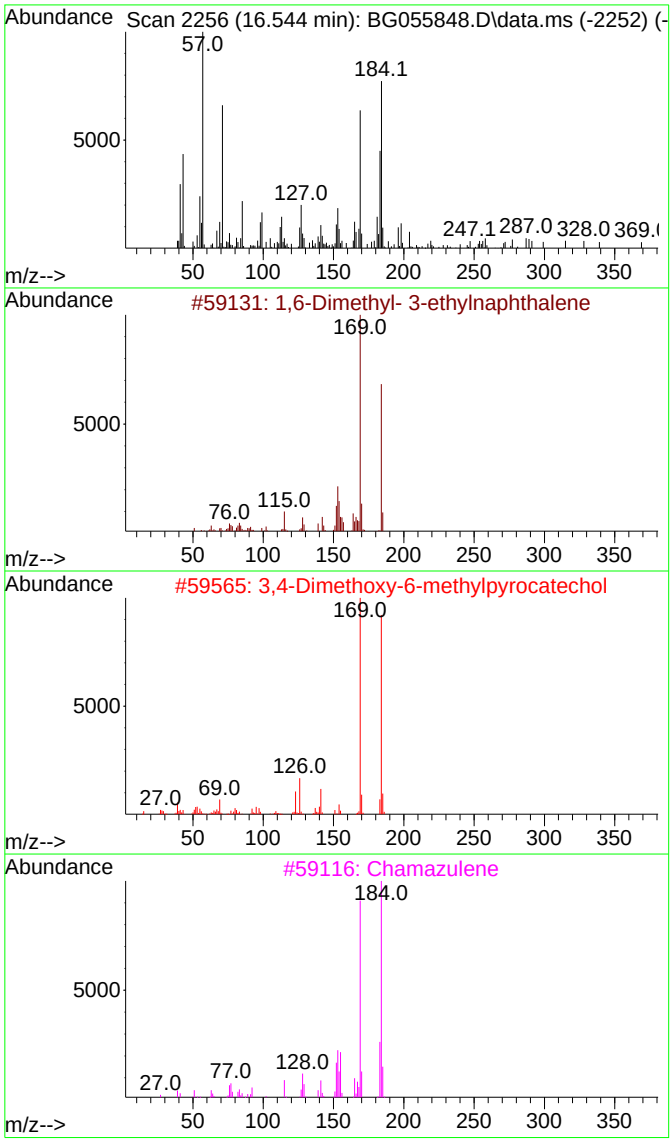
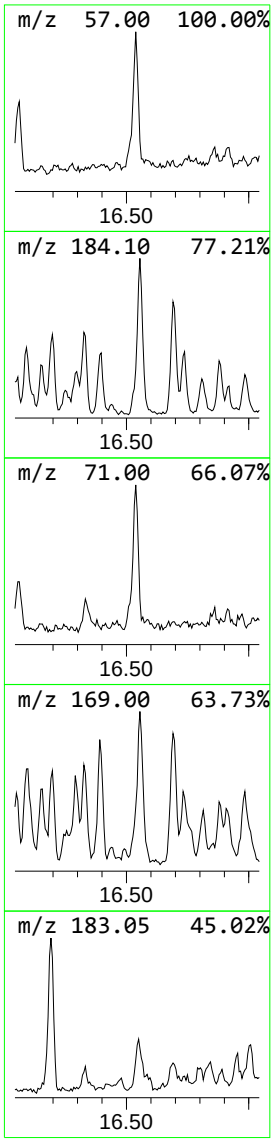
Peak Number 11 unknown16.544 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.544	5.95 ng	159295	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	46
2	3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	46
3	Chamazulene	184	C14H16	000529-05-5	46
4	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	46
5	3-(Pyridine-3-yl)aniline, N-methyl	184	C12H12N2	1378740-24-9	45





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Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-40-SB01

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

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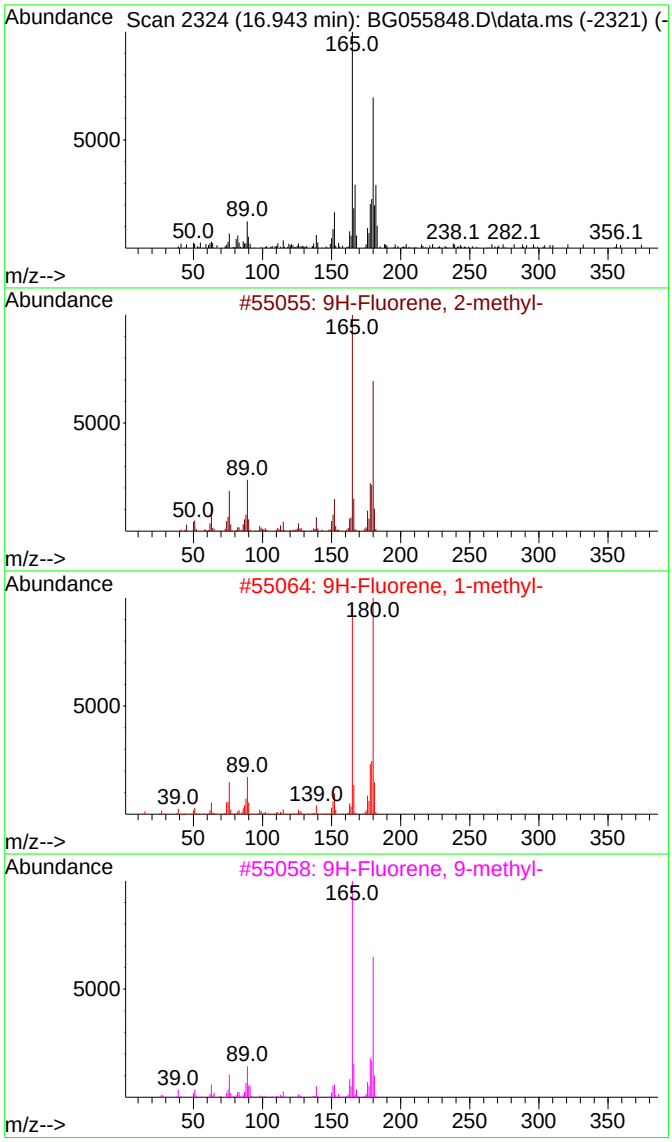
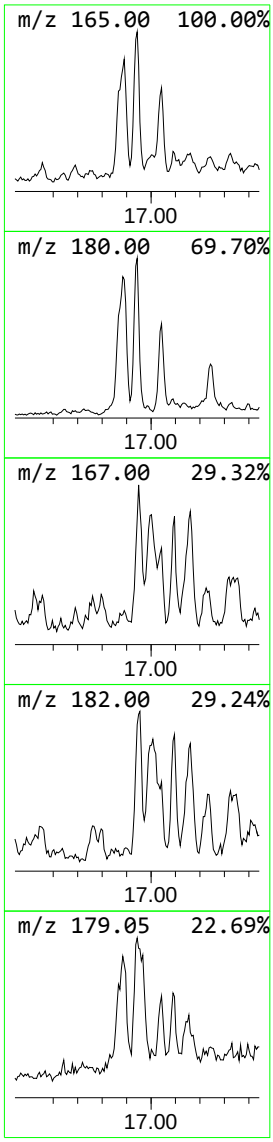
Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.943	2.39 ng	63937	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	78
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	78
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	60





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Sample : N5793-01
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ALS Vial : 12 Sample Multiplier: 1

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BNA_G
ClientSampleId :
B-40-SB01

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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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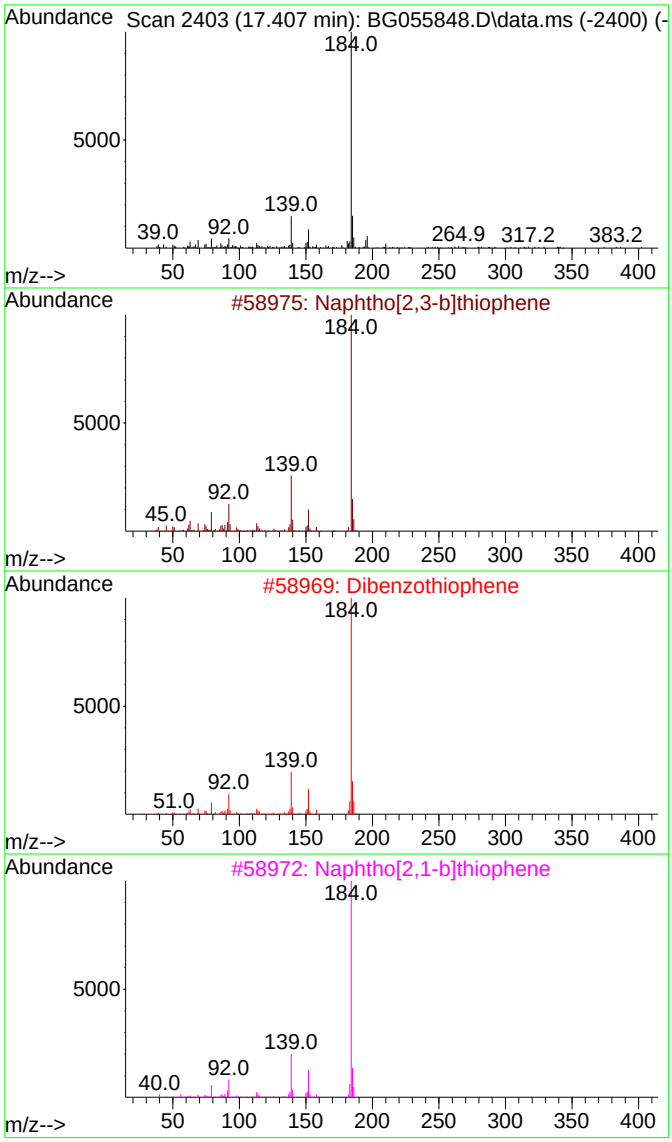
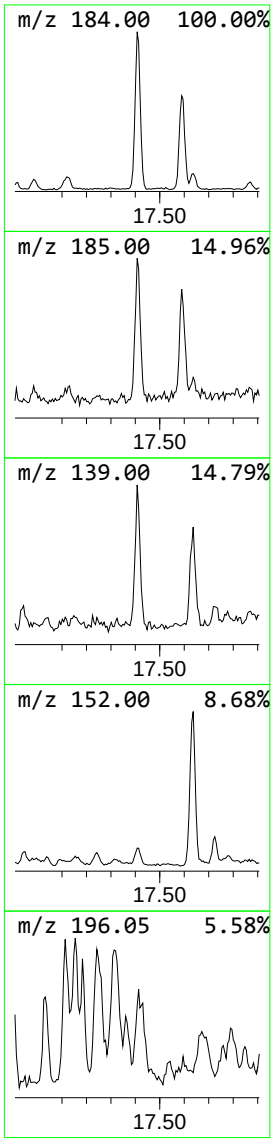
Peak Number 13 Naphtho[2,3-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.407	4.73 ng	126778	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	91
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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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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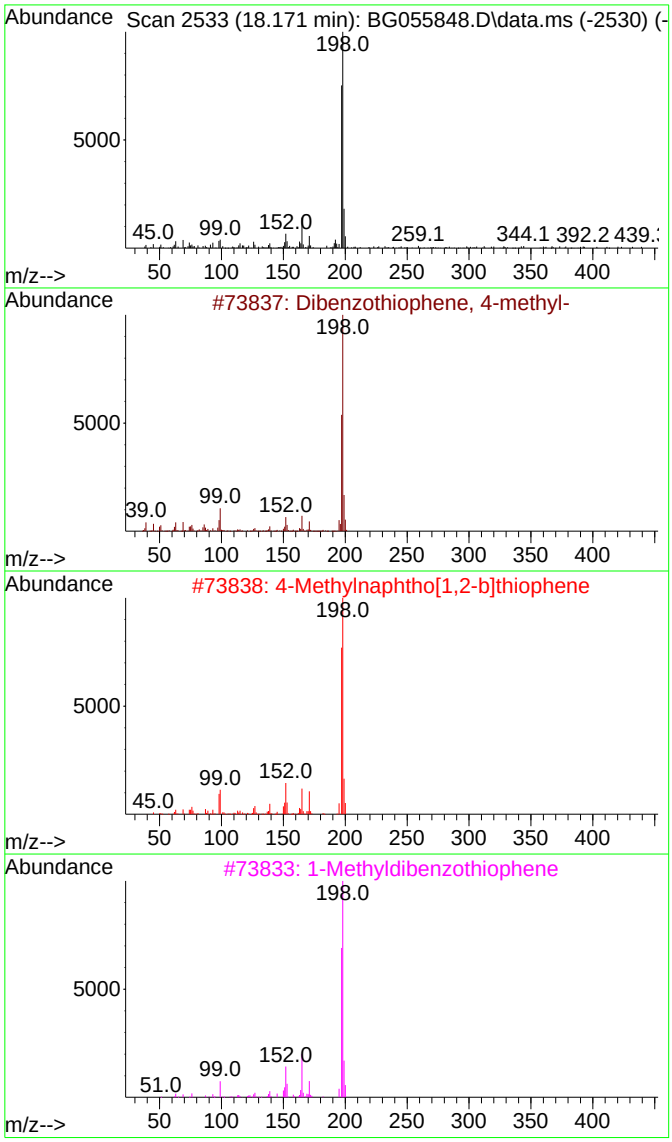
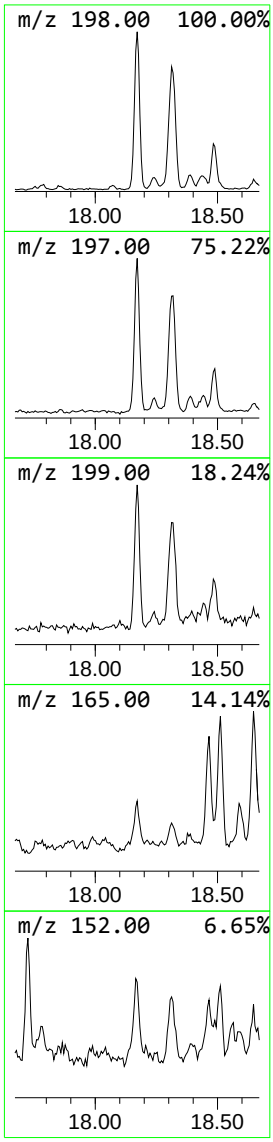
Peak Number 14 Dibenzothiophene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.171	6.30 ng	168825	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	91
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	90
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72





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Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

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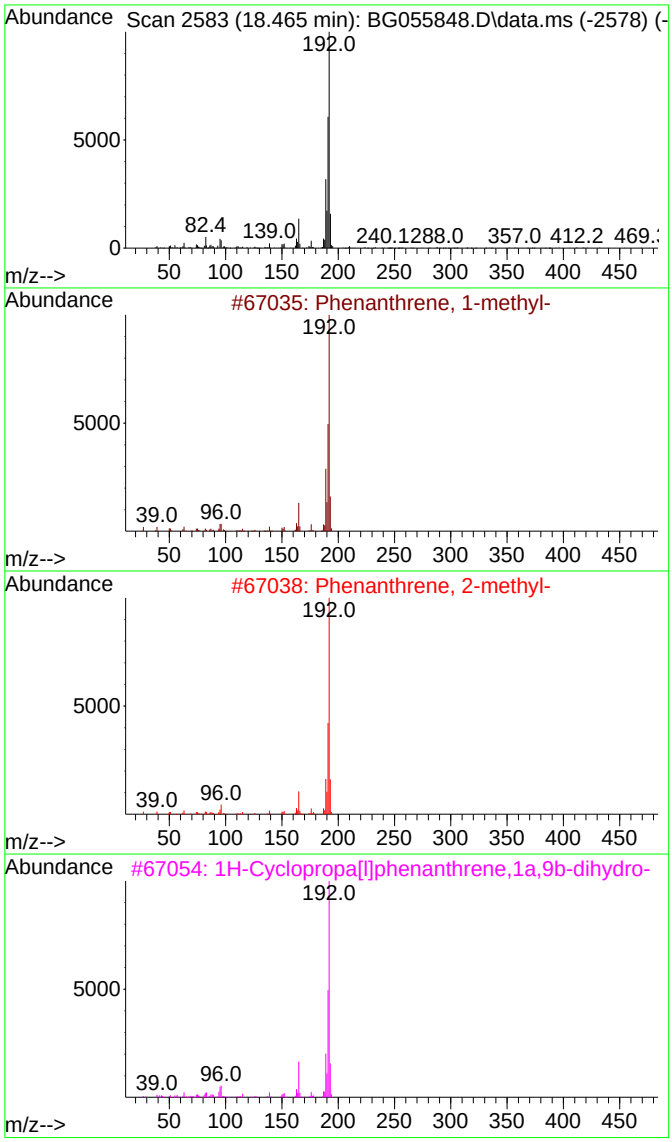
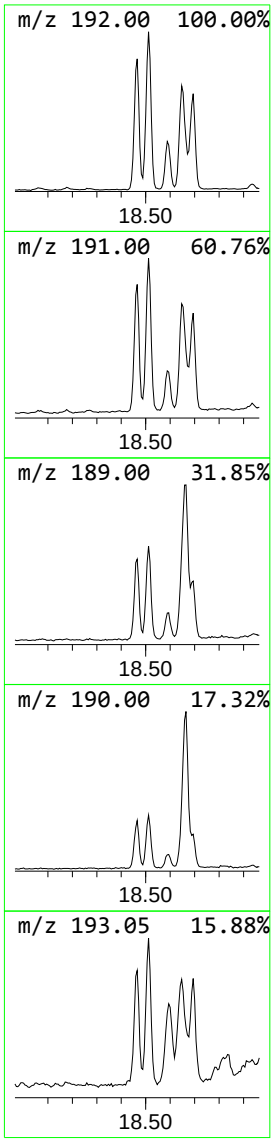
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.465	16.68 ng	446888	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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

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

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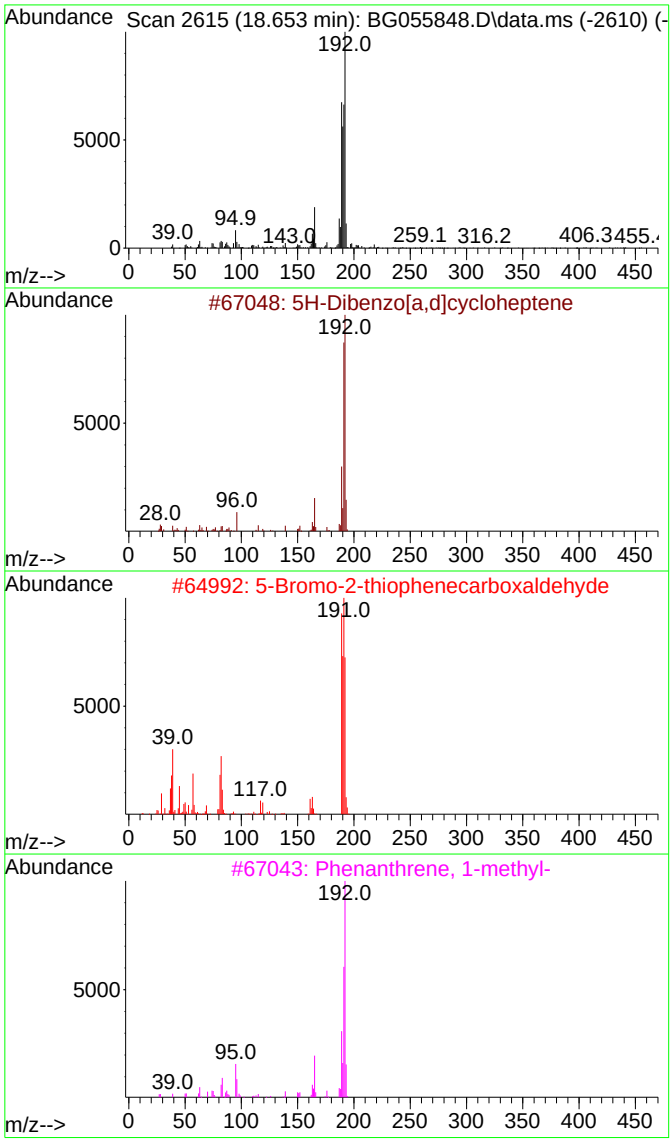
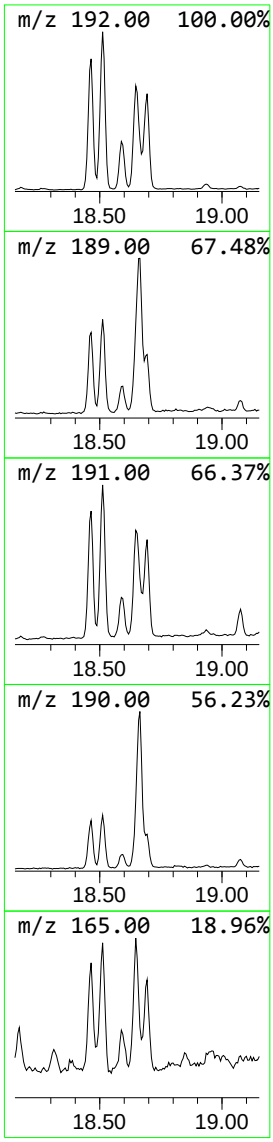
Peak Number 16 5H-Dibenzo[a,d]cycloheptene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.653	23.21 ng	621756	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	58
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	53
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	53





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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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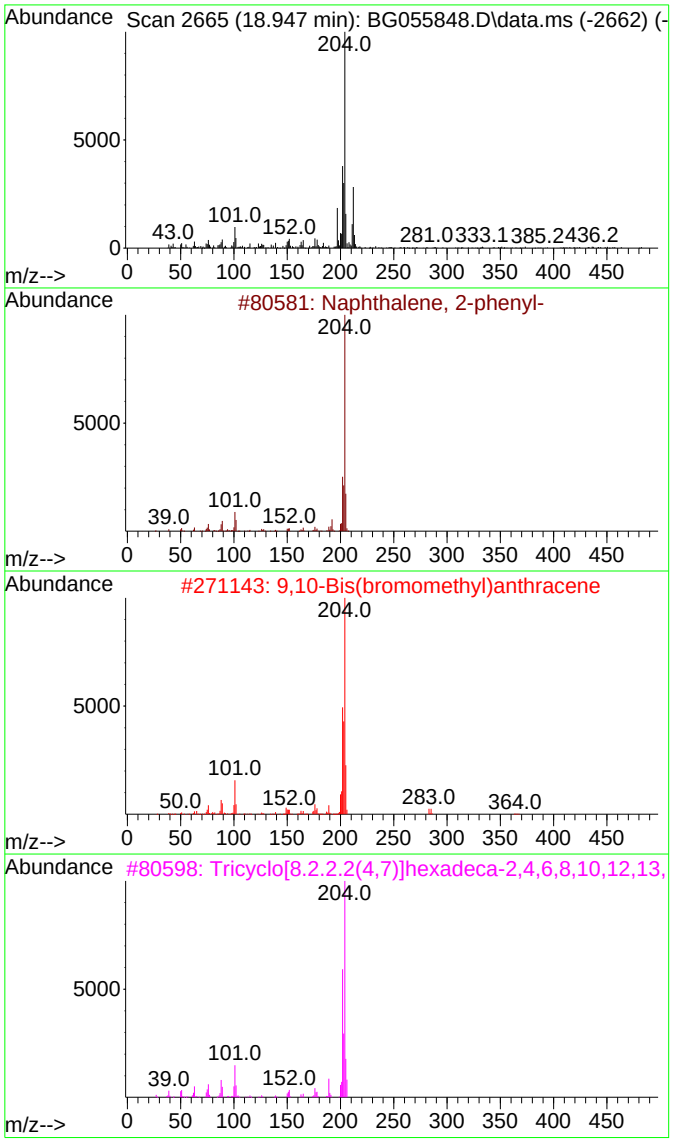
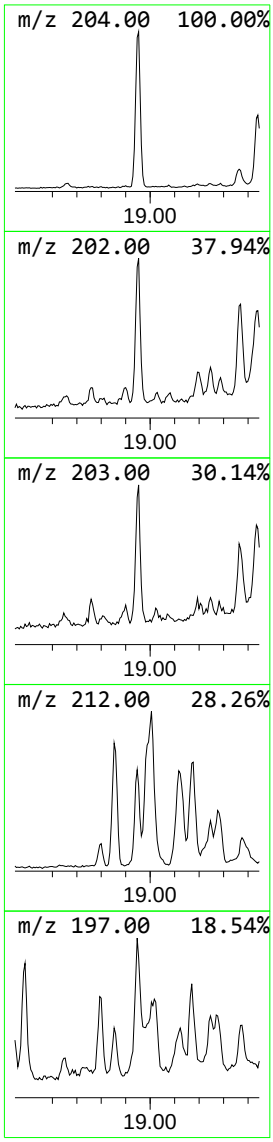
Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.947	7.44 ng	199356	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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ALS Vial : 12 Sample Multiplier: 1

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

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

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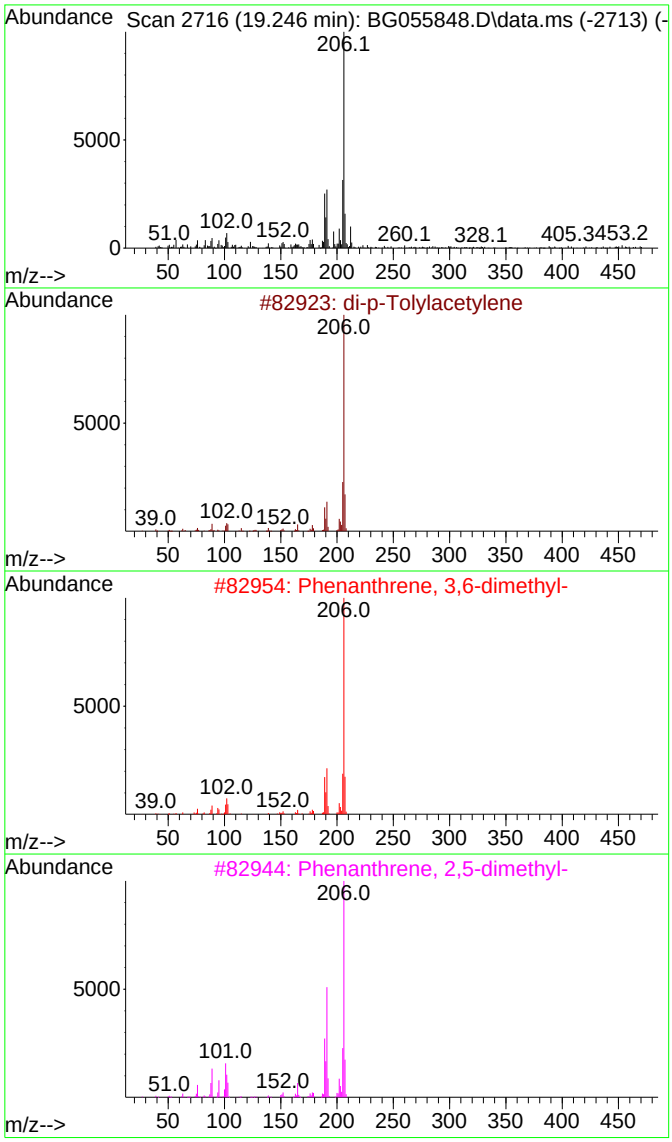
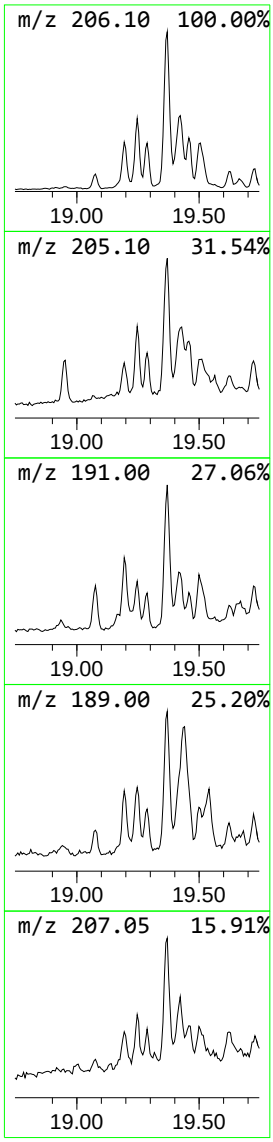
Peak Number 18 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.246	5.25 ng	140625	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	76
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	68





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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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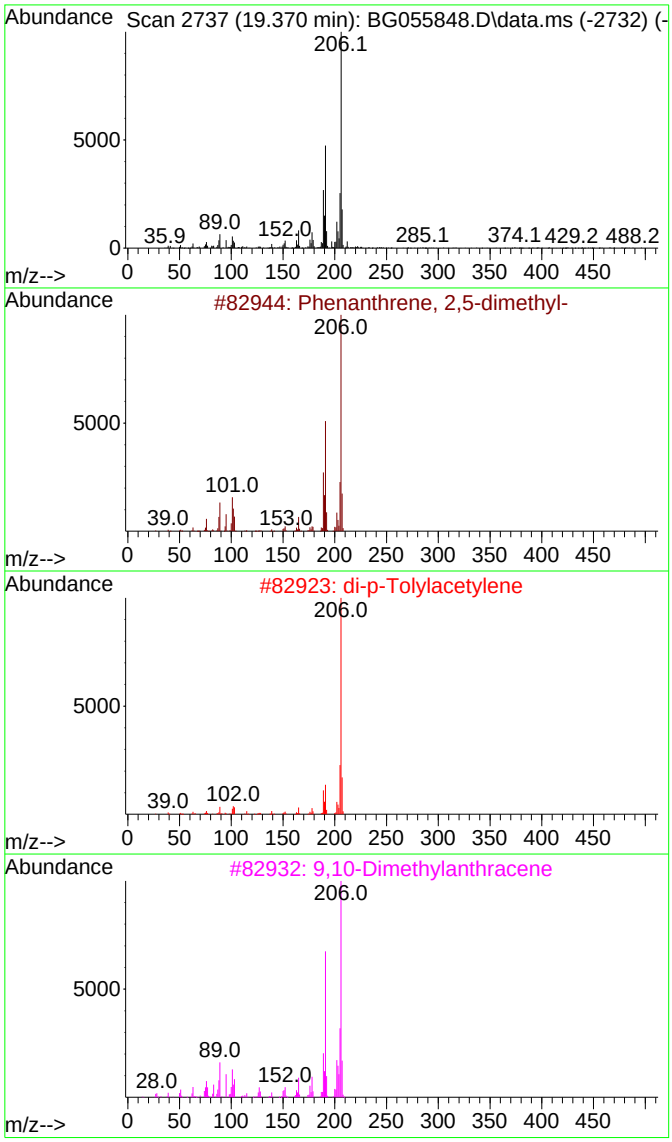
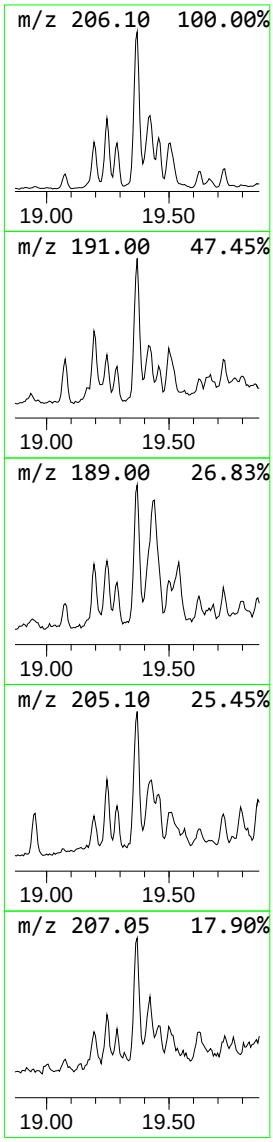
Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.370	19.90 ng	533077	Phenanthrene-d10	17.589

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81





Tentatively Identified Compound (LSC) summary

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Data File : BG055848.D
Acq On : 30 Nov 2022 19:12
Operator : CG/JU
Sample : N5793-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
B-40-SB01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.657	2.6	ng	29830	1	8.224	226274	20.0
2-Pentanone, 4-...	5.274	37.1	ng	419797	1	8.224	226274	20.0
2-Pentanone, 4-...	6.373	3.1	ng	34641	1	8.224	226274	20.0
Naphthalene, 1,...	14.023	5.5	ng	119021	3	14.851	435411	20.0
Naphthalene, 2,...	14.170	6.6	ng	143487	3	14.851	435411	20.0
Naphthalene, 2,...	14.223	2.6	ng	57484	3	14.851	435411	20.0
Naphthalene, 1,...	14.405	3.8	ng	81733	3	14.851	435411	20.0
Naphthalene, 1,...	15.316	4.9	ng	107490	3	14.851	435411	20.0
Benzophenone	16.191	23.7	ng	516005	3	14.851	435411	20.0
unknown16.544	16.544	6.0	ng	159295	4	17.589	535785	20.0
9H-Fluorene, 2-...	16.943	2.4	ng	63937	4	17.589	535785	20.0
Naphtho[2,3-b]t...	17.407	4.7	ng	126778	4	17.589	535785	20.0
Dibenzothiophen...	18.171	6.3	ng	168825	4	17.589	535785	20.0
Phenanthrene, 1...	18.465	16.7	ng	446888	4	17.589	535785	20.0
5H-Dibenzo[a,d]...	18.653	23.2	ng	621756	4	17.589	535785	20.0
Naphthalene, 2-...	18.947	7.4	ng	199356	4	17.589	535785	20.0
di-p-Tolylacety...	19.246	5.3	ng	140625	4	17.589	535785	20.0
Phenanthrene, 2...	19.370	19.9	ng	533077	4	17.589	535785	20.0