LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054200.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.646	377	384	396	rBV	31690	60027	4.39%	0.563%
2	7.238	649	655	668	rBV2	37625	69318	5.07%	0.650%
3	8.073	789	797	806	rBB	72929	130371	9.54%	1.222%
4	9.230	988	994	1003	rBV	21055	40167	2.94%	0.377%
5	10.887	1268	1276	1281	rBV	101723	198691	14.54%	1.862%
6	10.934	1281	1284	1292	rVB	36488	61092	4.47%	0.573%
7	12.538	1548	1557	1564	rVB	67647	117234	8.58%	1.099%
8	12.755	1583	1594	1602	rVB	69692	126273	9.24%	1.184%
9	13.320	1682	1690	1698	rVB	76711	123762	9.06%	1.160%
10	13.537	1716	1727	1732	rBV	18353	34831	2.55%	0.326%
11	13.737	1756	1761	1770	rVB	13144	28697	2.10%	0.269%
12	13.878	1777	1785	1793	rBV3	34428	89261	6.53%	0.837%
13	14.025	1803	1810	1815	rBV	63151	120902	8.85%	1.133%
14	14.077	1815	1819	1826	rVB	40455	63938	4.68%	0.599%
15	14.260	1841	1850	1853	rBV2	31987	51691	3.78%	0.485%
16	14.295	1853	1856	1862	rVB3	12672	18043	1.32%	0.169%
17	14.424	1872	1878	1889	rVB3	34926	63312	4.63%	0.593%
18	14.700	1915	1925	1931	rBV	171589	314859	23.05%	2.951%
19	14.765	1931	1936	1943	rVV	144318	237686	17.40%	2.228%
20	14.830	1943	1947	1952	rVB2	10024	15924	1.17%	0.149%
21	14.912	1955	1961	1970	rBV3	13883	35135	2.57%	0.329%
22	15.000	1970	1976	1981	rBV6	7593	15820	1.16%	0.148%
23	15.100	1986	1993	1999	rVV	112699	188170	13.77%	1.764%
24	15.176	2000	2006	2012	rVB	26124	40931	3.00%	0.384%
25	15.317	2022	2030	2035	rBV4	24263	51666	3.78%	0.484%
26	15.370	2035	2039	2044	rVB2	18565	27680	2.03%	0.259%
27	15.488	2052	2059	2062	rBV8	16711	42558	3.12%	0.399%
28	15.658	2084	2088	2092	rVB5	10884	14071	1.03%	0.132%
29	15.746	2097	2103	2114	rVB	176006	309171	22.63%	2.898%
30	15.869	2120	2124	2128	rBV6	9737	16328	1.20%	0.153%
31	15.905	2128	2130	2135	rVB4	19052	27147	1.99%	0.254%
32	15.958	2135	2139	2143	rBV7	9741	18439	1.35%	0.173%
33	16.040	2148	2153	2160	rVB2	30462	58802	4.30%	0.551%
34	16.193	2171	2179	2185	rBV4	88063	167565	12.27%	1.571%
35	16.422	2212	2218	2224	rVB3	20322	37113	2.72%	0.348%
36	16.557	2237	2241	2245	rBV5	13615	20261	1.48%	0.190%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.751	2266	2274	2279	rBV3	38867	89671	6.56%	0.841%
38	16.804	2279	2283	2287	rVB2	25524	41167	3.01%	0.386%
39	16.898	2296	2299	2303	rVB2	22625	28749	2.10%	0.269%
40	17.103	2330	2334	2342	rVB3	28270	51904	3.80%	0.487%
41	17.268	2357	2362	2368	rVB	61751	99435	7.28%	0.932%
42	17.450	2387	2393	2396	rBV	204897	358314	26.23%	3.359%
43	17.497	2396	2401	2406	rVB	857268	1366139	100.00%	12.806%
44	17.579	2411	2415	2421	rVB	180234	282999	20.72%	2.653%
45	17.850	2457	2461	2466	rVB	75269	114006	8.35%	1.069%
46	18.032	2489	2492	2499	rVB	43299	64313	4.71%	0.603%
47	18.325	2537	2542	2546	rBV	148015	230844	16.90%	2.164%
48	18.372	2546	2550	2556	rVB	187140	282614	20.69%	2.649%
49	18.519	2569	2575	2579	rBV2	191596	385073	28.19%	3.610%
50	18.555	2579	2581	2586	rVB	107032	133794	9.79%	1.254%
51	18.813	2622	2625	2630	rBV	73412	110791	8.11%	1.039%
52	19.119	2674	2677	2680	rBV	43372	49223	3.60%	0.461%
53	19.236	2693	2697	2701	rBV	106708	182197	13.34%	1.708%
54	19.501	2737	2742	2748	rBV	820648	1300900	95.22%	12.194%
55	19.865	2800	2804	2811	rVB	761223	1145492	83.85%	10.738%
56	21.716	3114	3119	3126	rBV3	374357	906286	66.34%	8.495%
57	21.774	3127	3129	3136	rVB	284627	407181	29.81%	3.817%

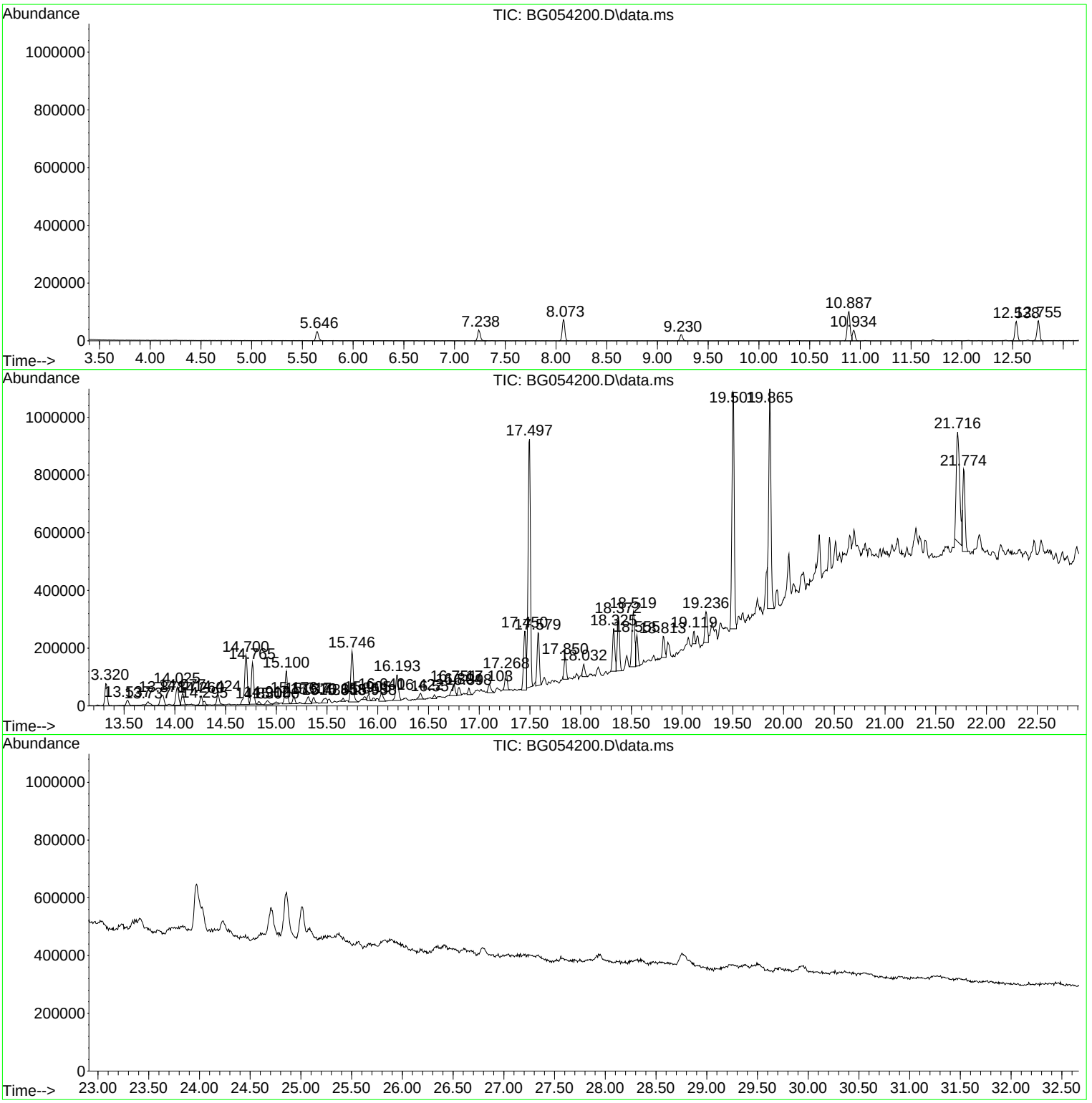
Sum of corrected areas: 10668028

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

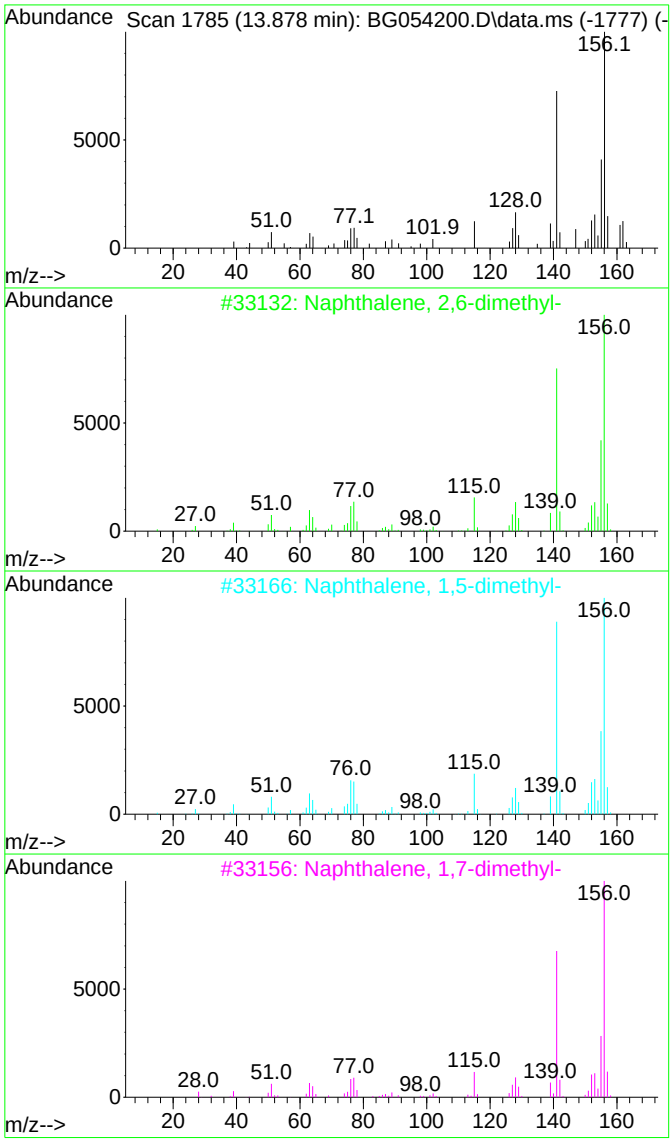
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

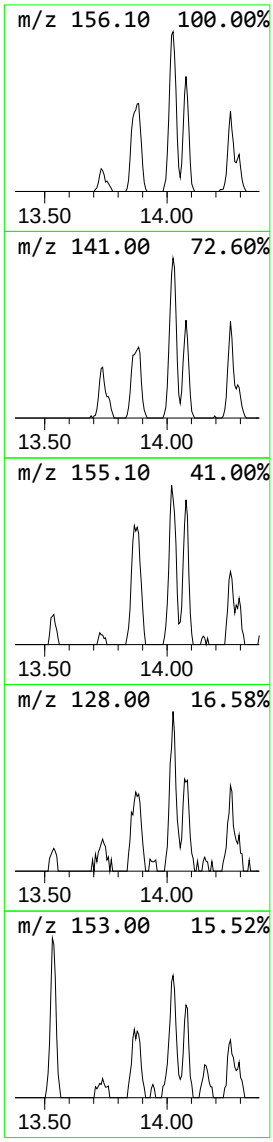
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.878	5.67 ng	89261	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

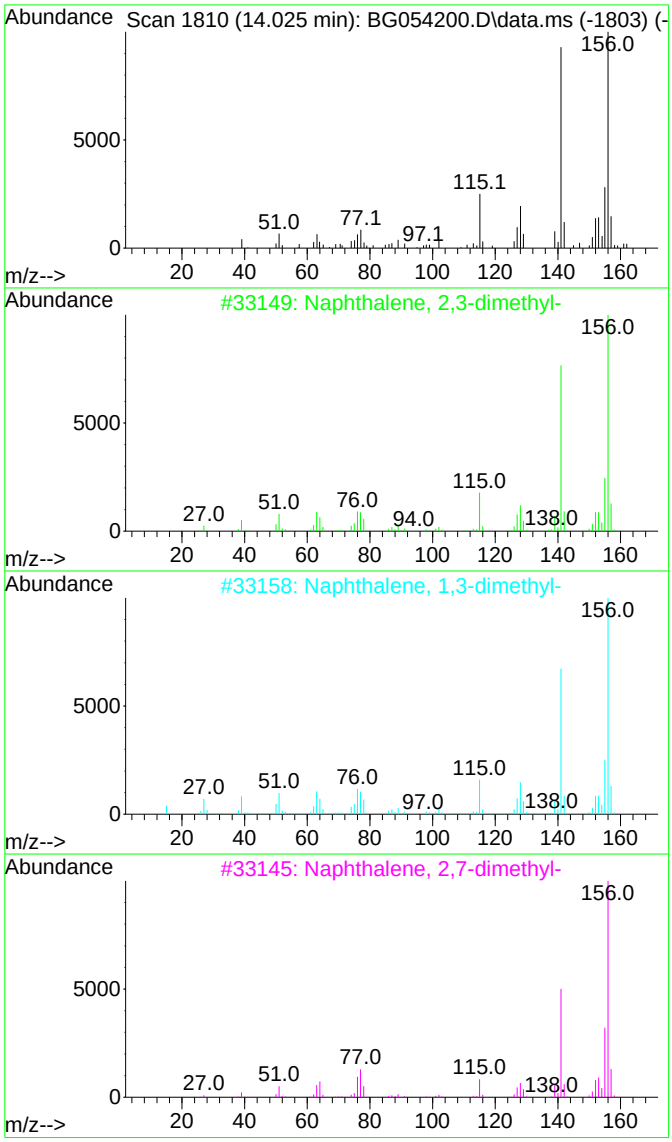
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

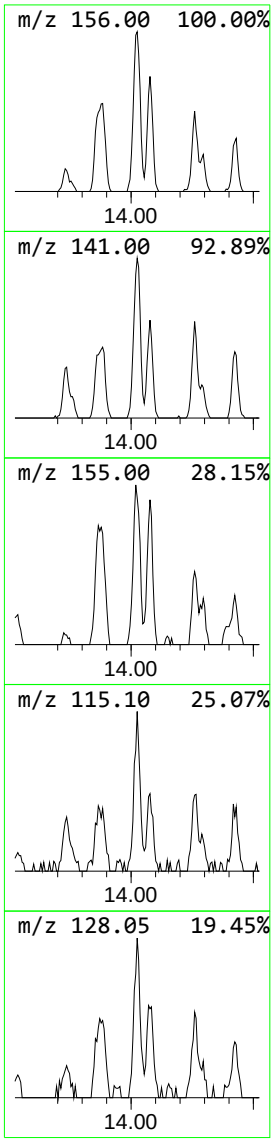
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	7.68 ng	120902	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

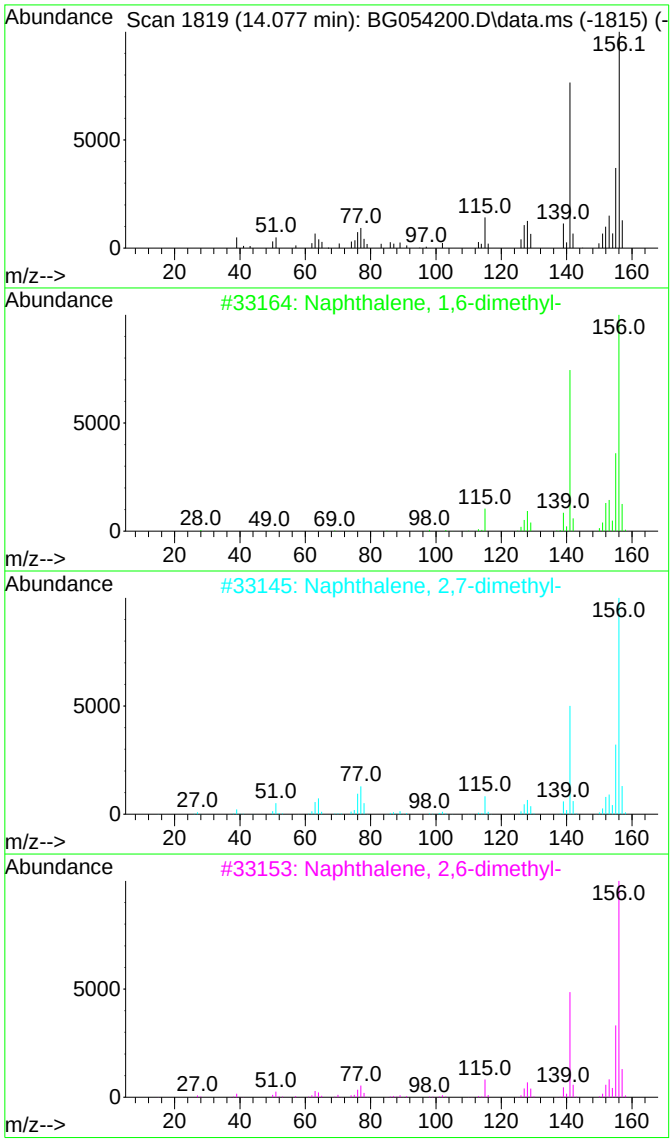
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

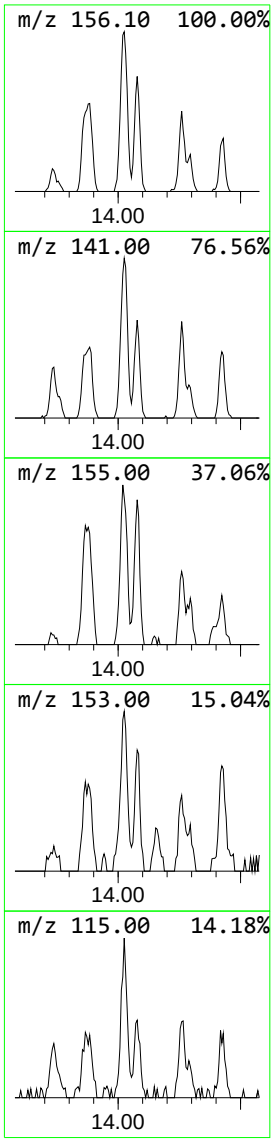
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.078	4.06 ng	63938	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

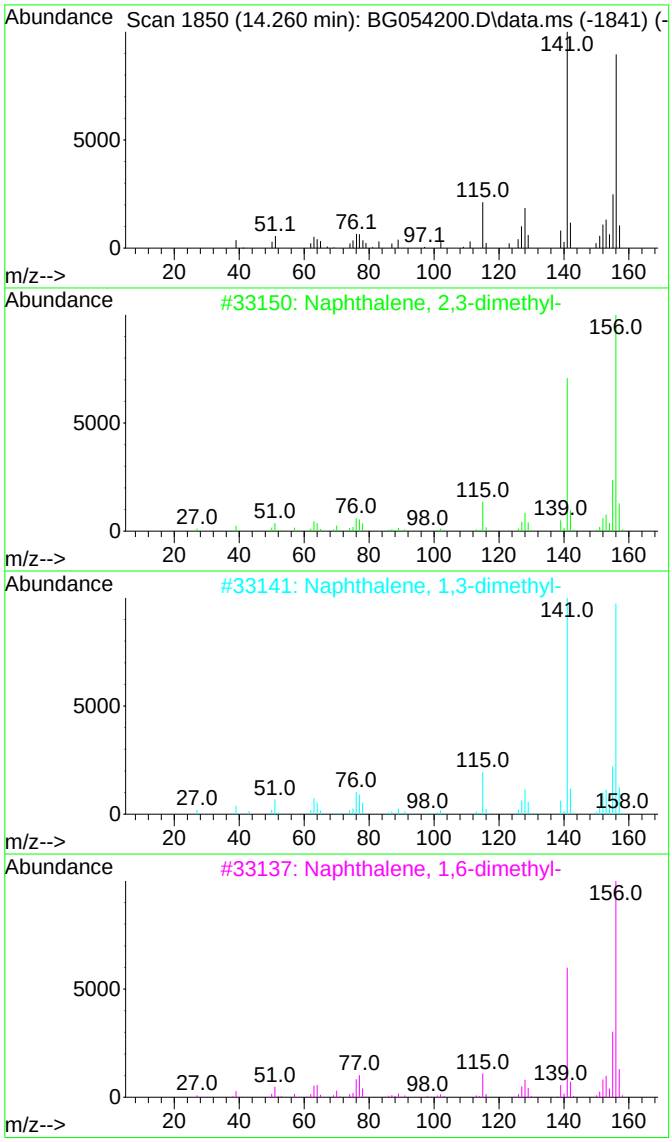
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

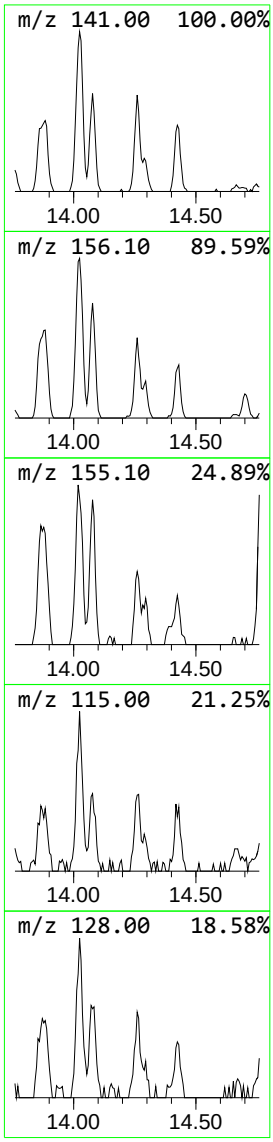
****

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.260	3.28 ng	51691	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

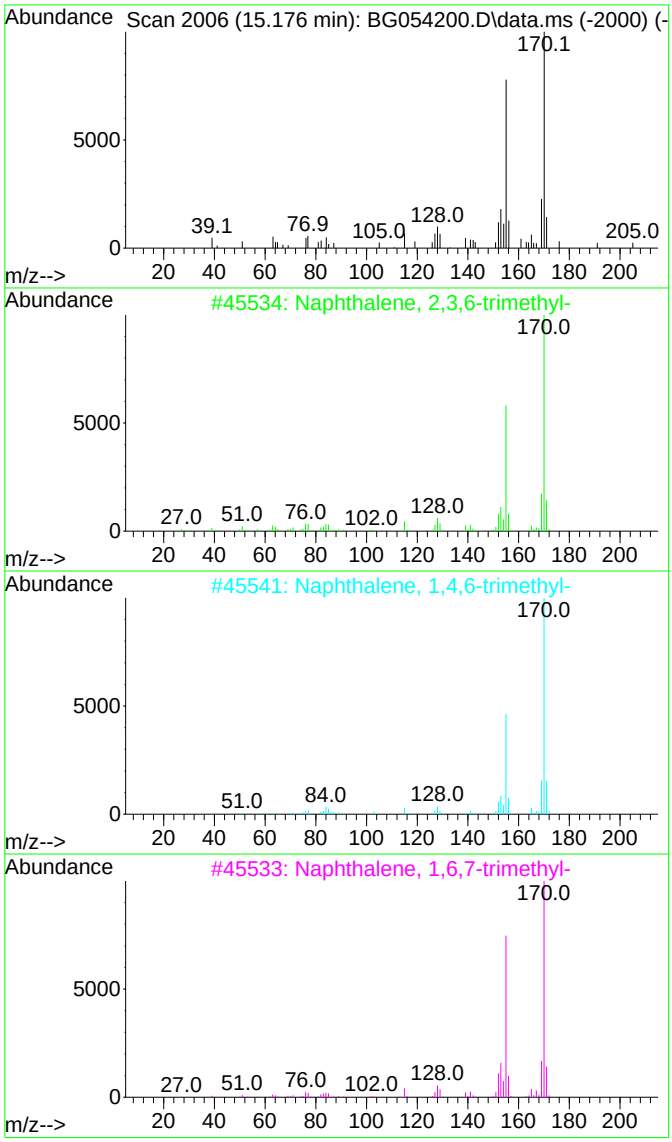
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

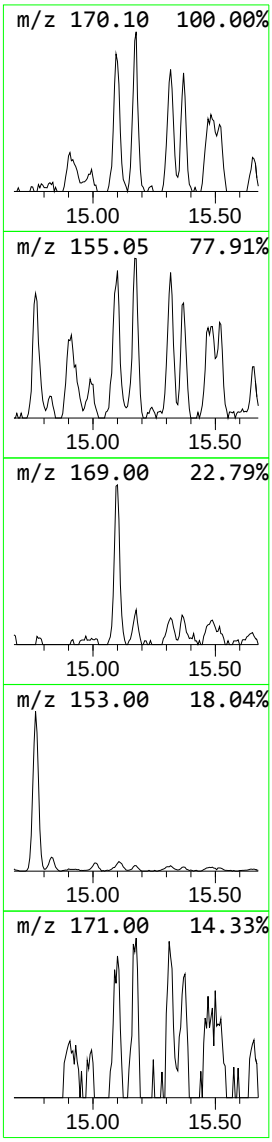
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.176	2.60 ng	40931	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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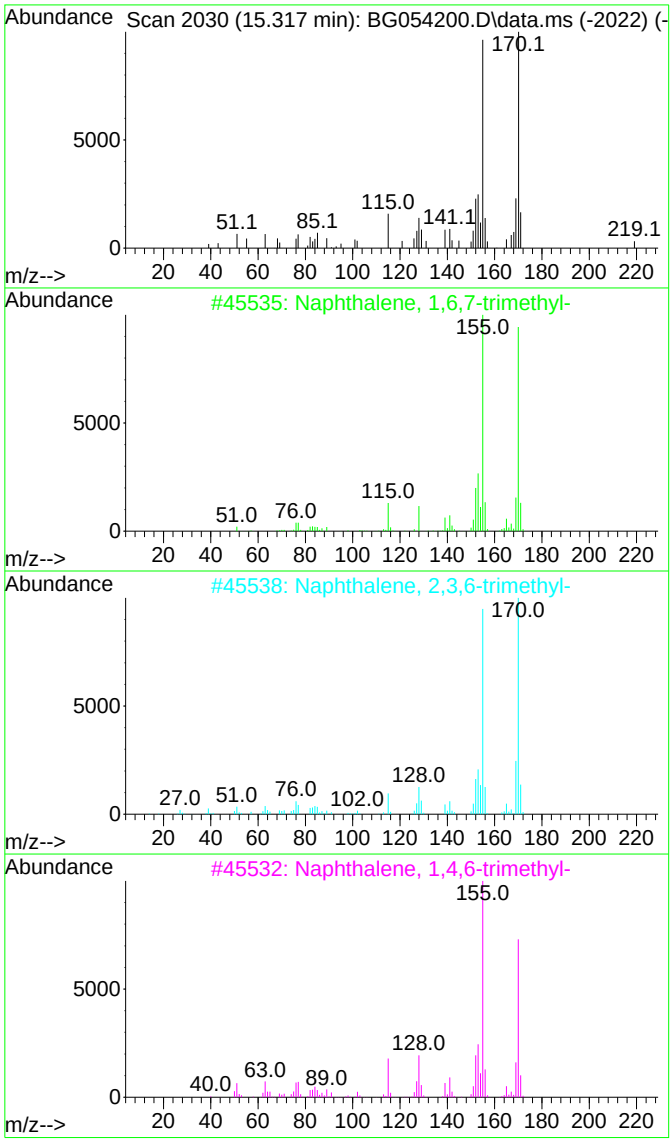
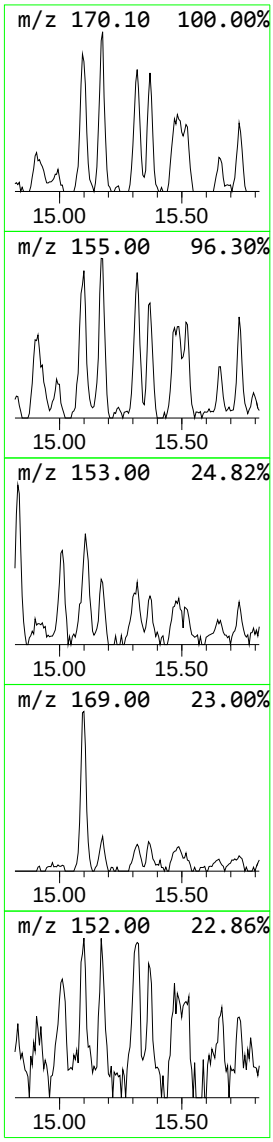
Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	3.28 ng	51666	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
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	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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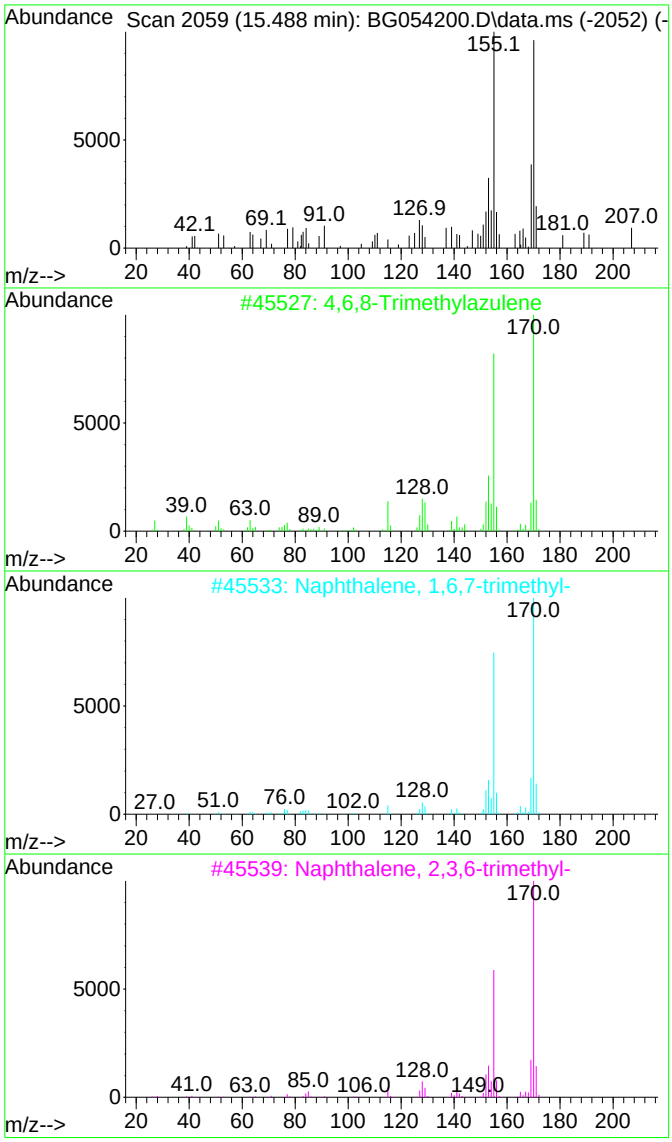
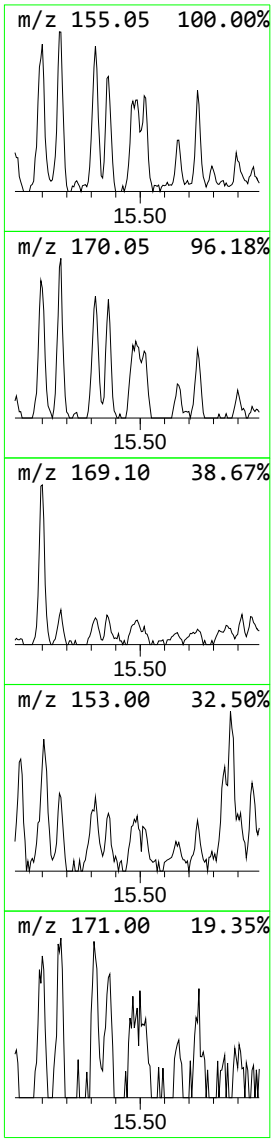
Peak Number 7 4,6,8-Trimethylazulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.488	2.70 ng	42558	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	68
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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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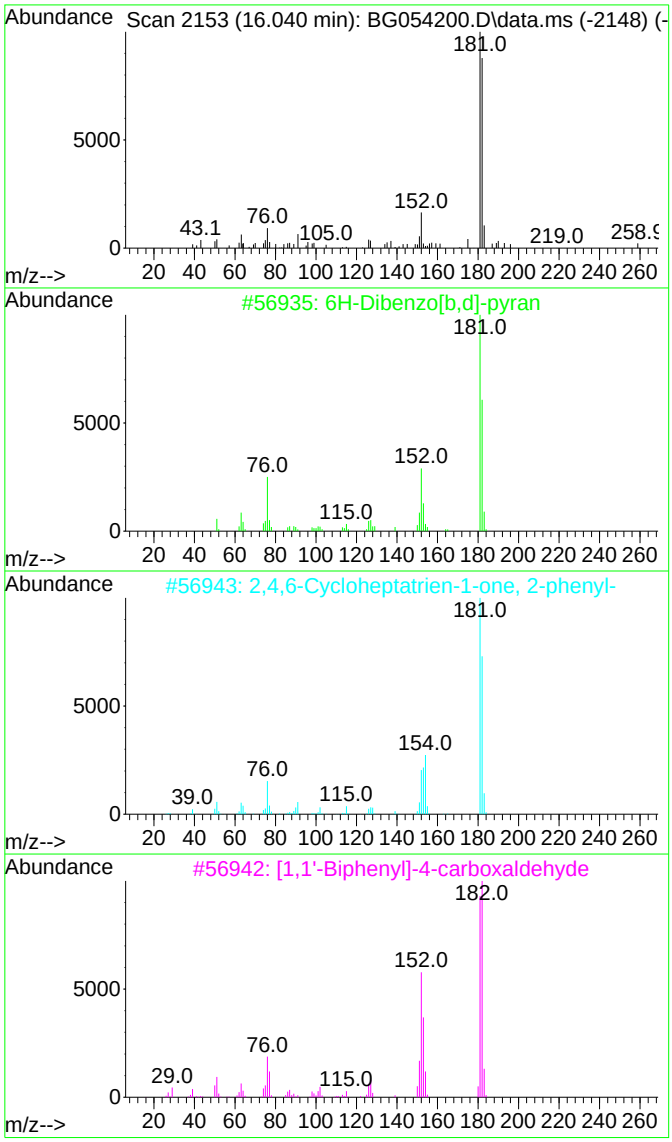
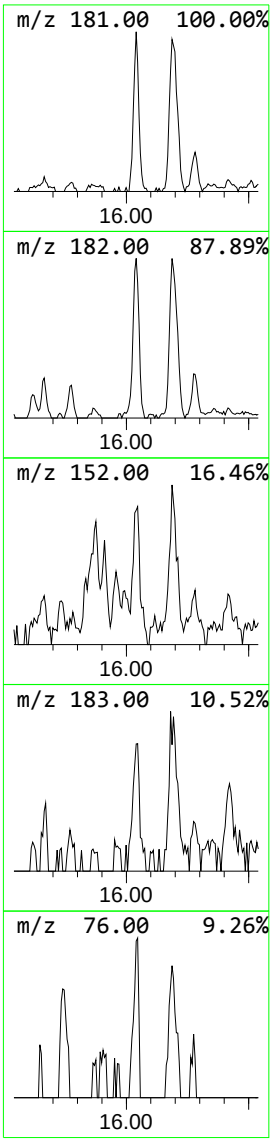
Peak Number 8 6H-Dibenzo[b,d]-pyran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	3.74 ng	58802	Acenaphthene-d10	14.700

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	78
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
5	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72





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Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

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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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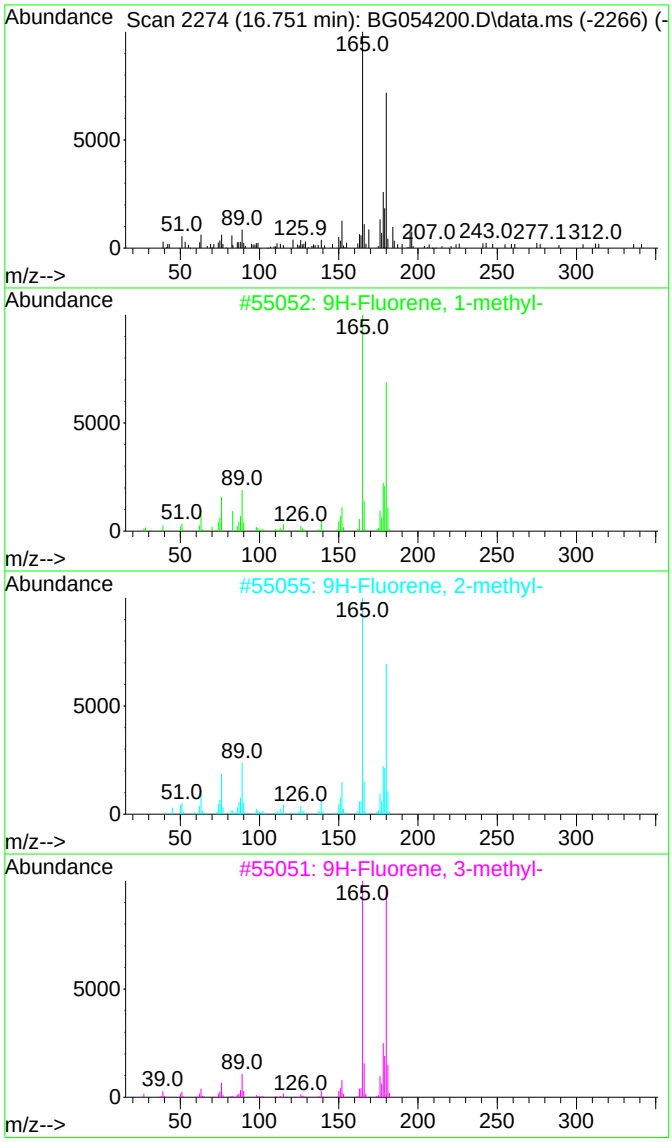
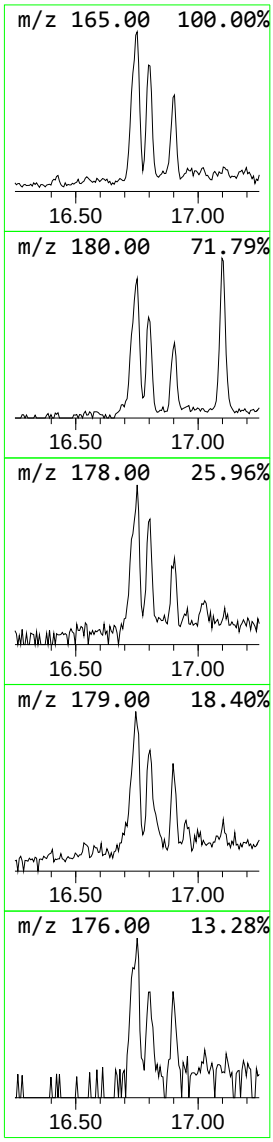
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.751	5.01 ng	89671	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	62





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Sample : N3557-01 5X
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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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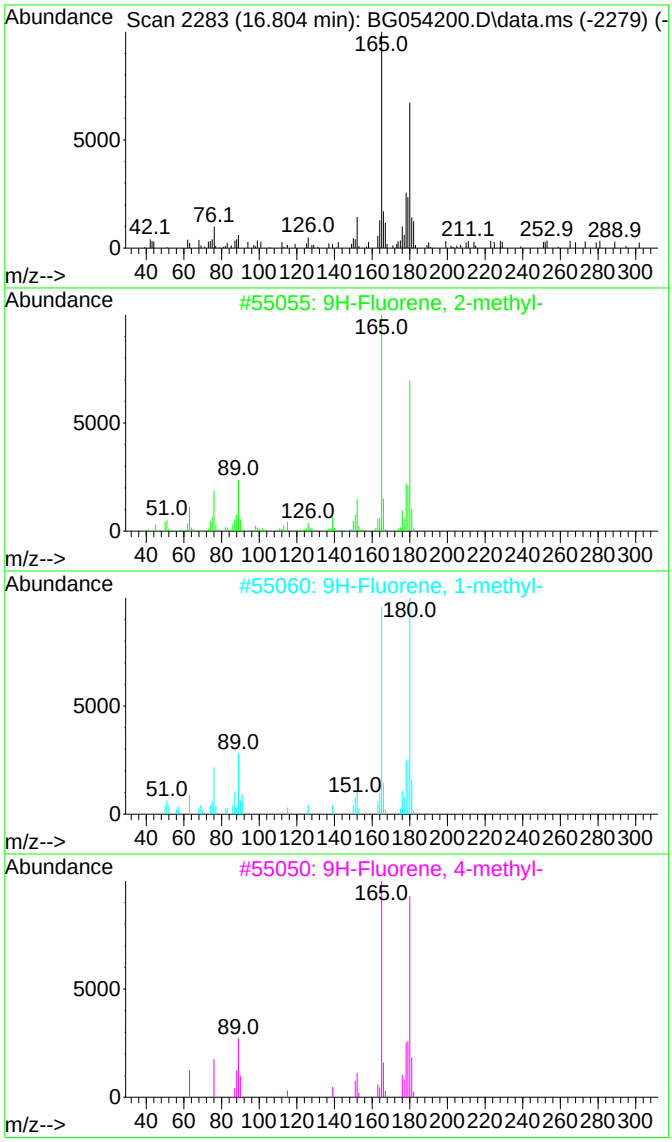
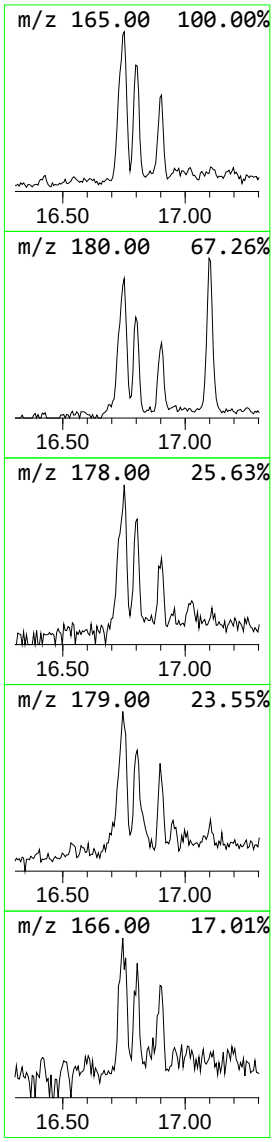
Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.804	2.30 ng	41167	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	89
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	68
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	58
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	58





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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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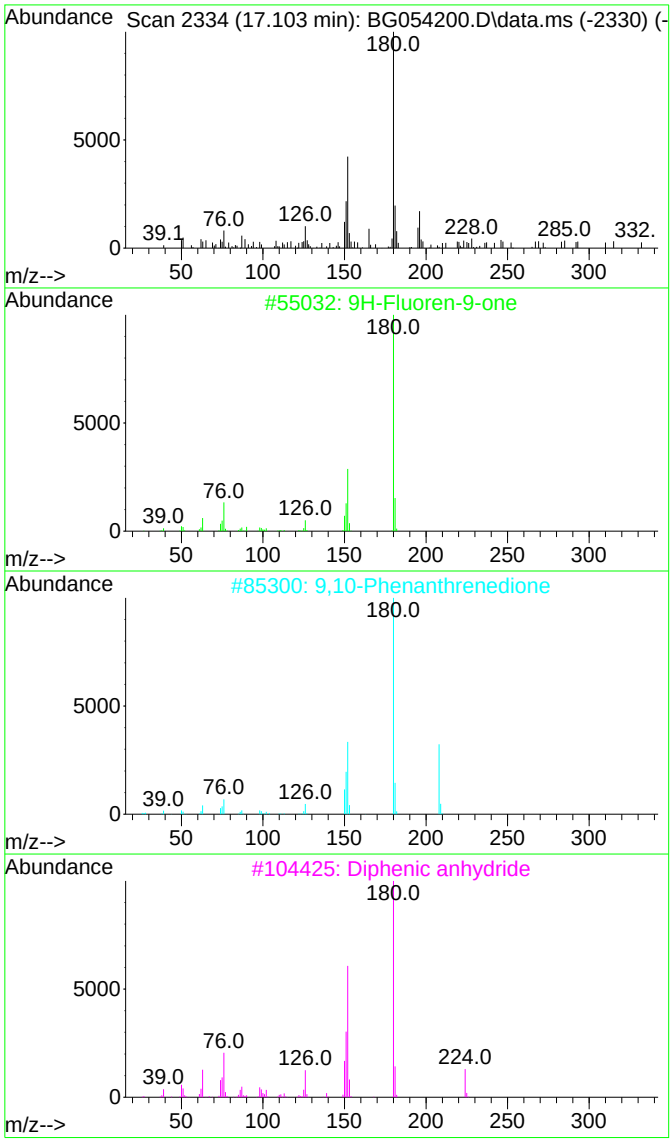
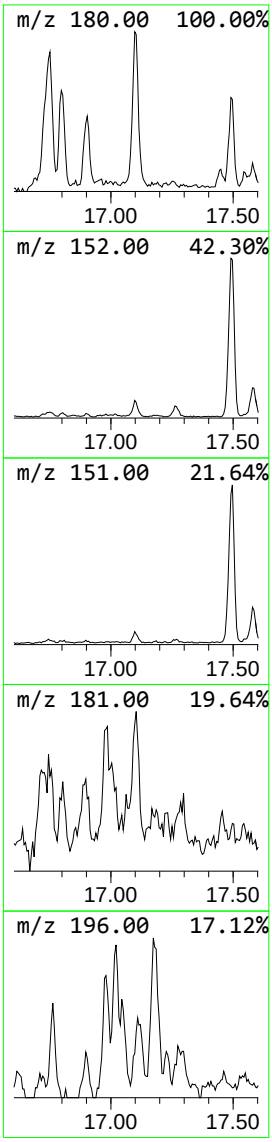
Peak Number 11 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.103	2.90 ng	51904	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72
3	Diphenic anhydride	224	C14H8O3	006050-13-1	64
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	58





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Misc :
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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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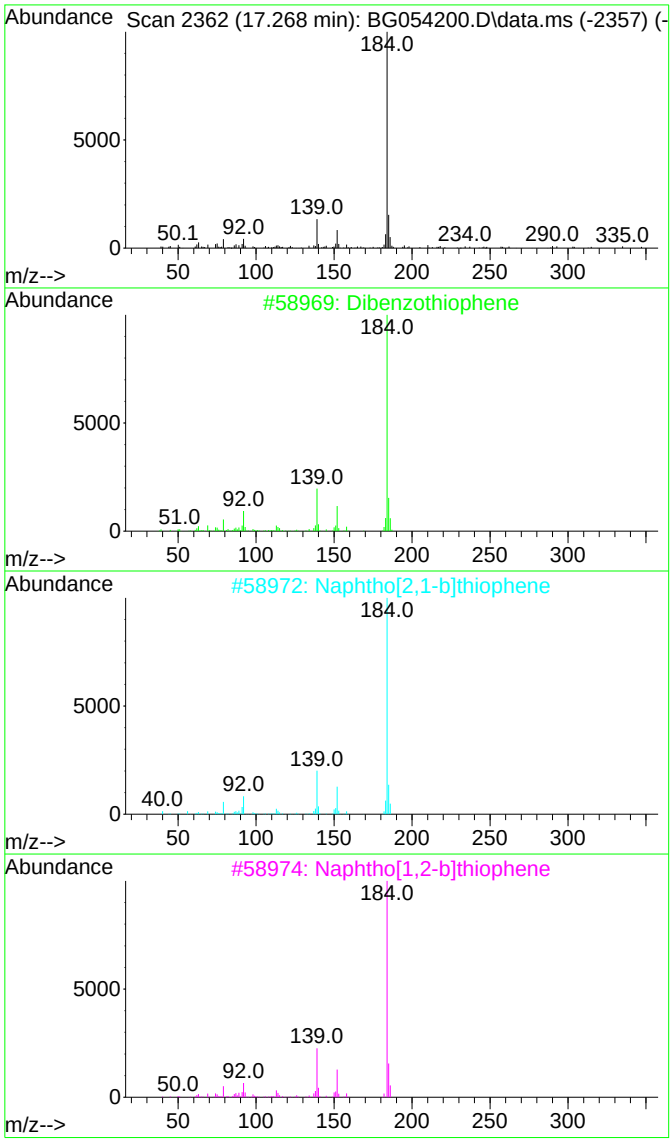
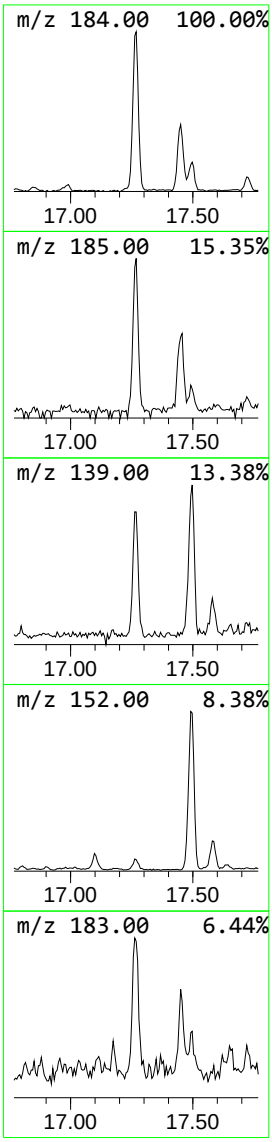
Peak Number 12 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	5.55 ng	99435	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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

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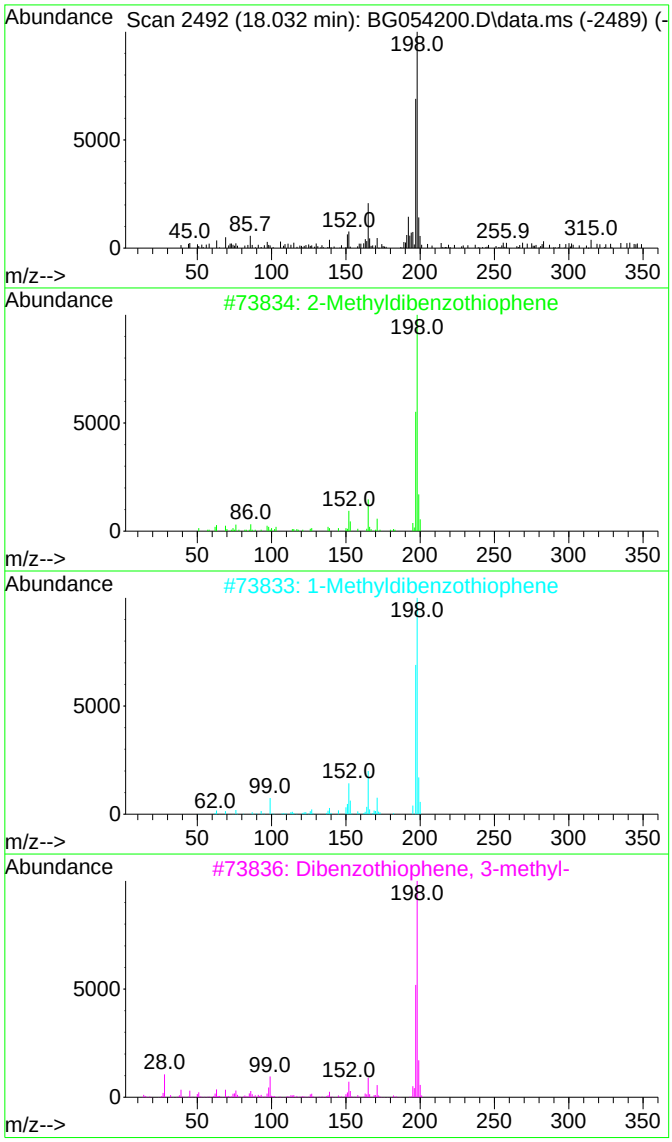
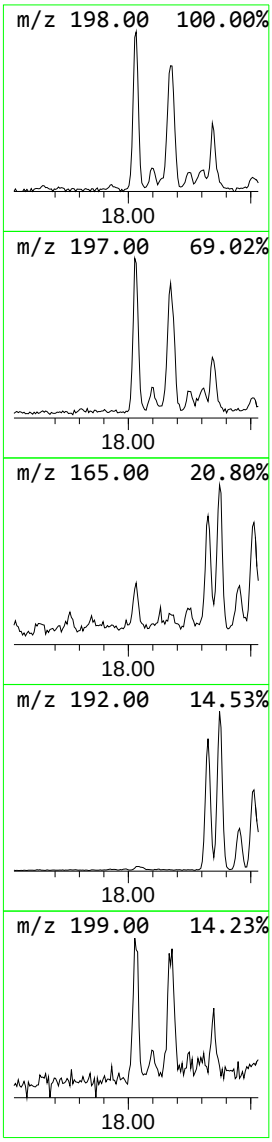
Peak Number 13 2-Methyldibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.032	3.59 ng	64313	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	83
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	68
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	68
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64





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

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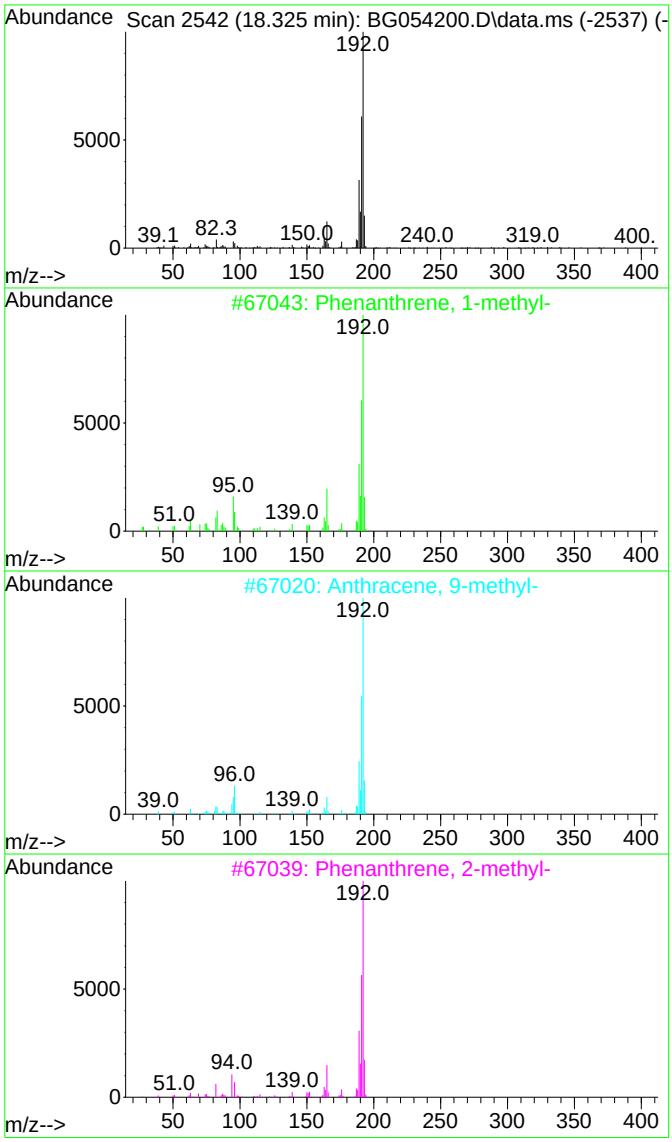
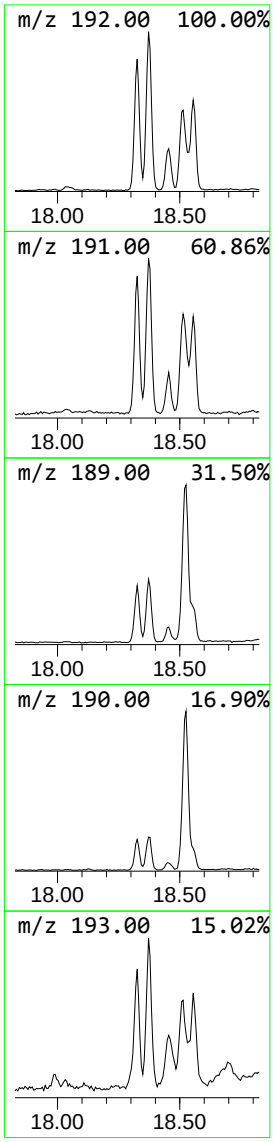
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.325	12.89 ng	230844	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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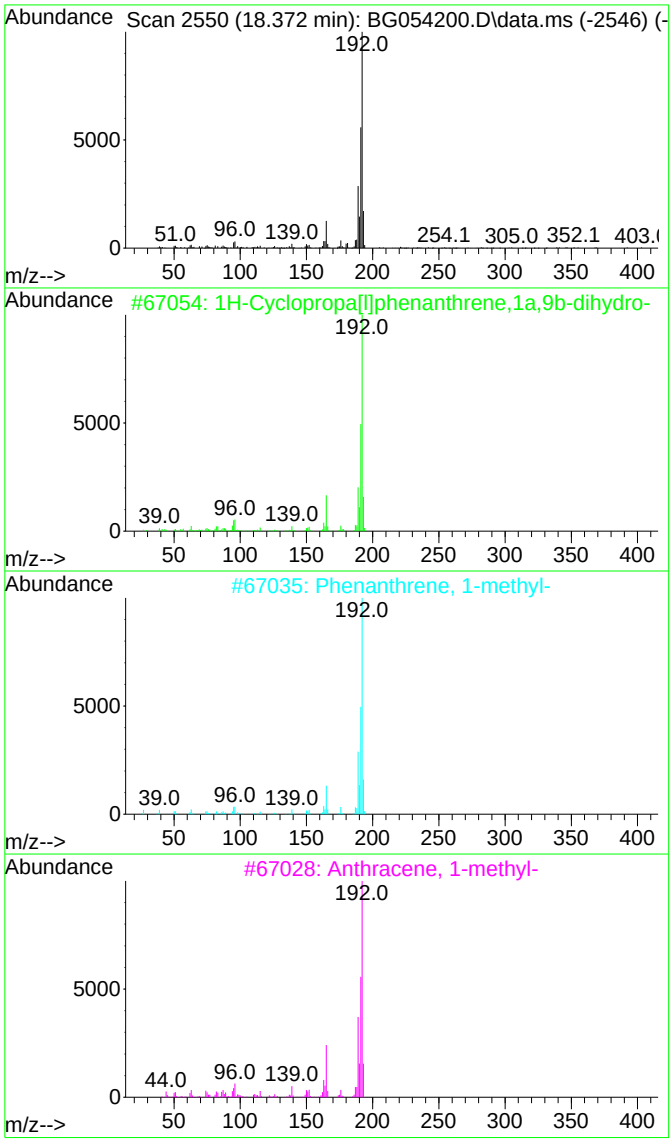
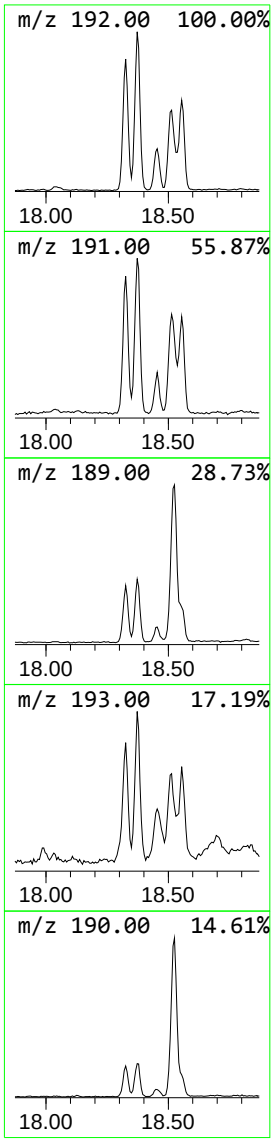
Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	15.77 ng	282614	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

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

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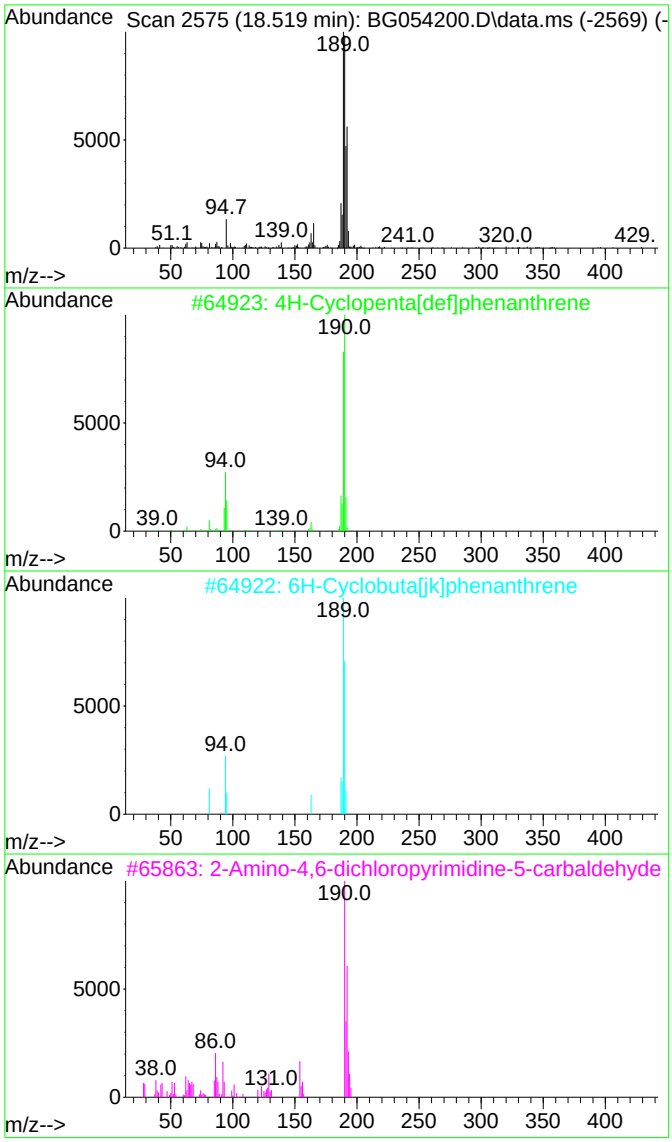
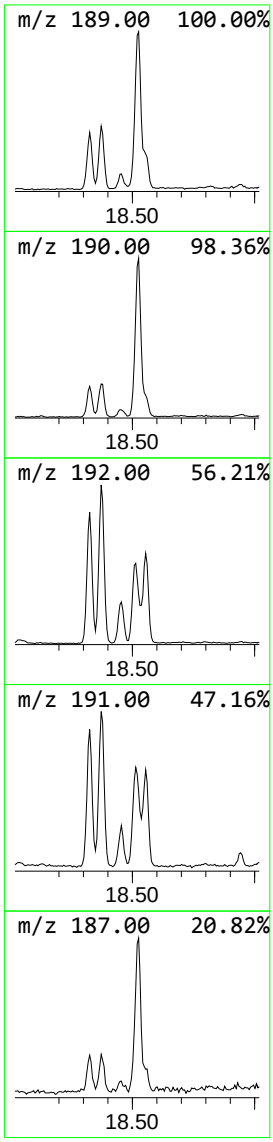
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.519	21.49 ng	385073	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	20





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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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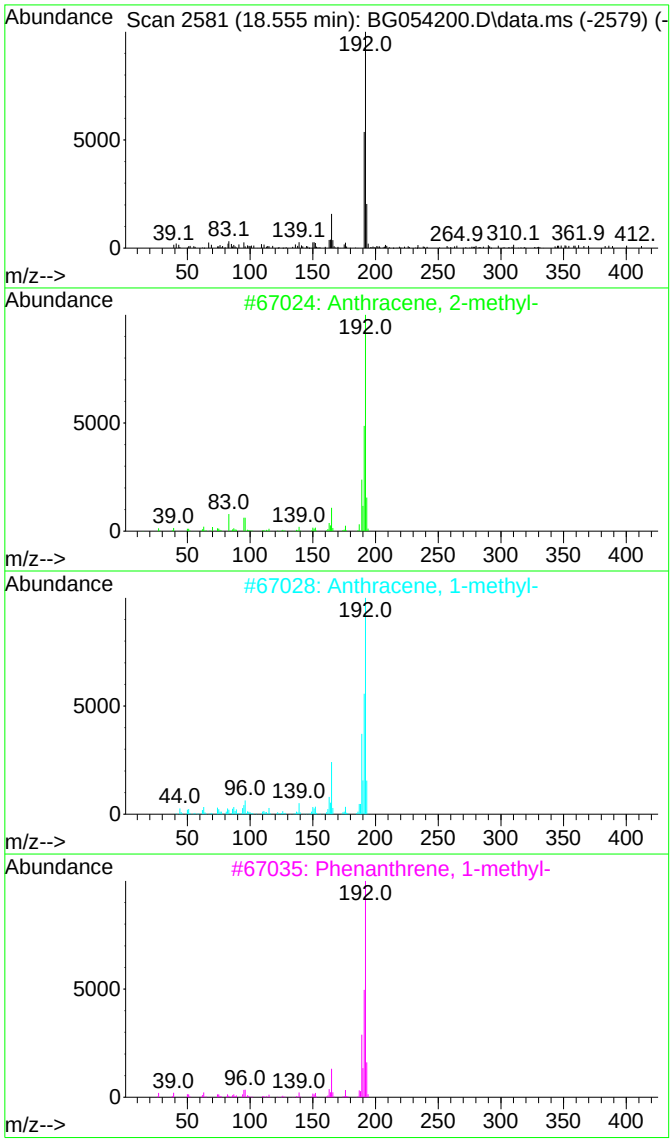
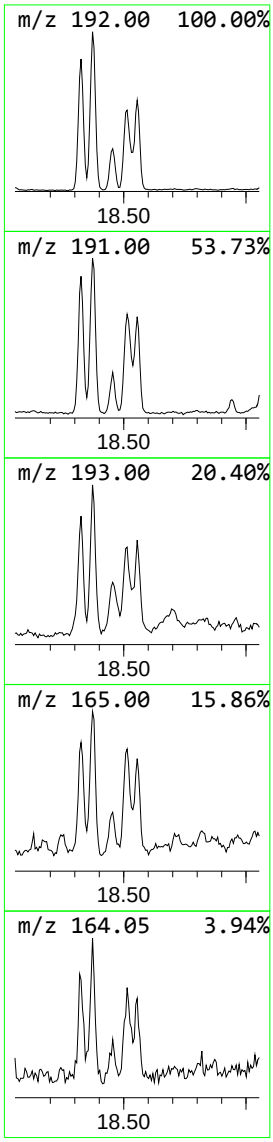
Peak Number 17 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.555	7.47 ng	133794	Phenanthrene-d10	17.450

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





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ALS Vial : 17 Sample Multiplier: 1

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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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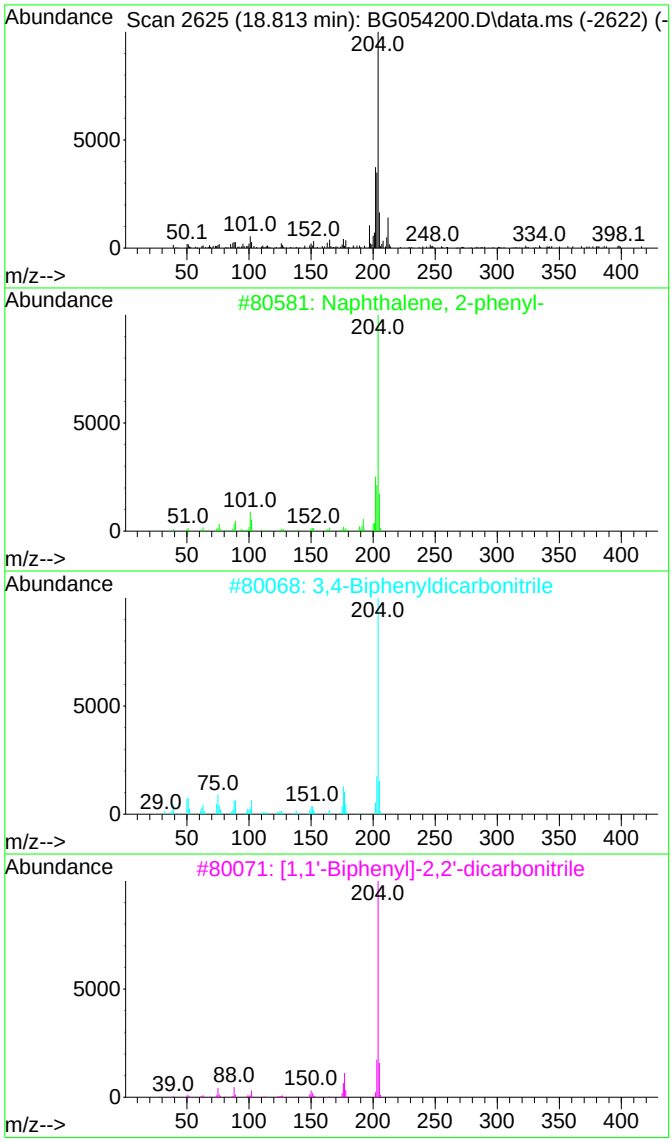
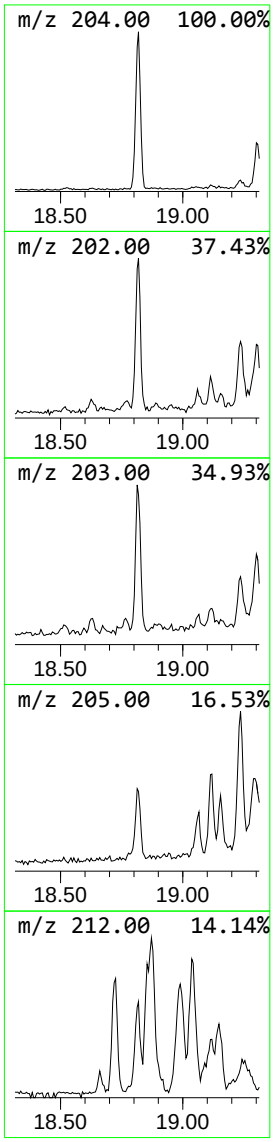
Peak Number 18 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.813	6.18 ng	110791	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	46





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

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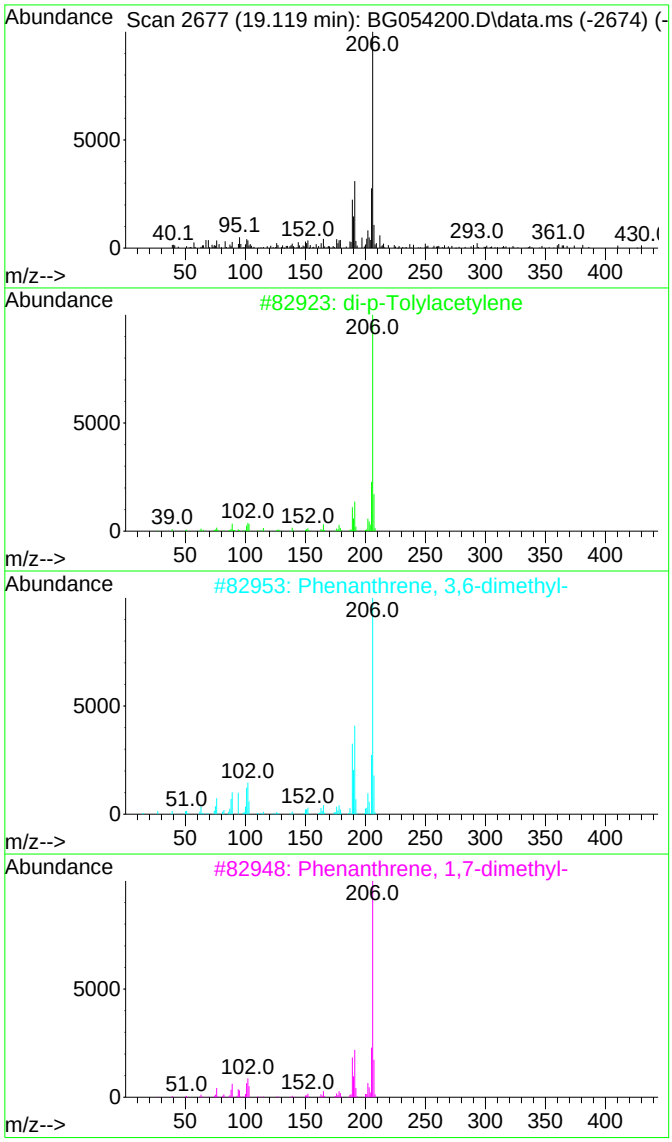
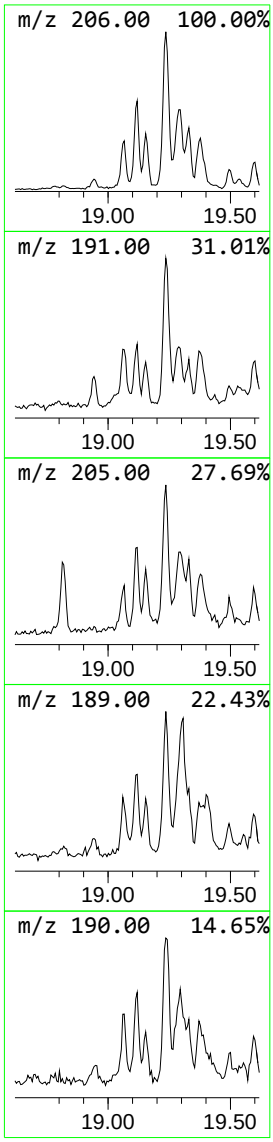
Peak Number 19 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.119	2.75 ng	49223	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	59
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

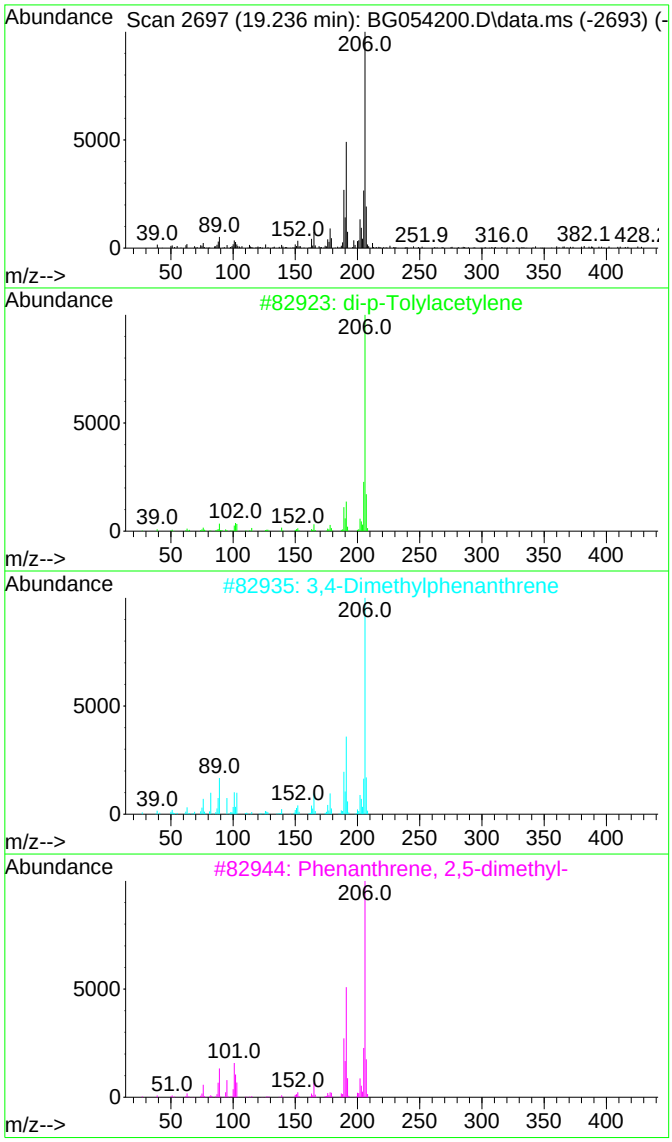
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

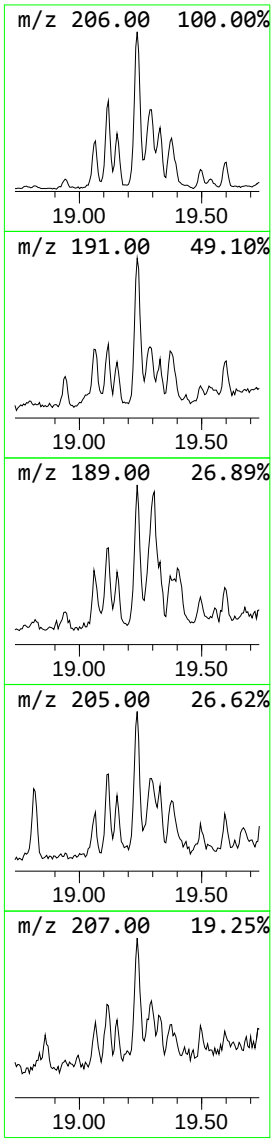
****

Peak Number 20 3,4-Dimethylphenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.236	10.17 ng	182197	Phenanthrene-d10	17.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070122\
Data File : BG054200.D
Acq On : 1 Jul 2022 20:54
Operator : CG/JU
Sample : N3557-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-063022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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
Naphthalene, 2,...	13.878	5.7	ng	89261	3	14.700	314859	20.0
Naphthalene, 2,...	14.025	7.7	ng	120902	3	14.700	314859	20.0
Naphthalene, 1,...	14.078	4.1	ng	63938	3	14.700	314859	20.0
Naphthalene, 1,...	14.260	3.3	ng	51691	3	14.700	314859	20.0
Naphthalene, 2,...	15.176	2.6	ng	40931	3	14.700	314859	20.0
Naphthalene, 1,...	15.317	3.3	ng	51666	3	14.700	314859	20.0
4,6,8-Trimethyl...	15.488	2.7	ng	42558	3	14.700	314859	20.0
6H-Dibenzo[b,d]...	16.040	3.7	ng	58802	3	14.700	314859	20.0
9H-Fluorene, 1-...	16.751	5.0	ng	89671	4	17.450	358314	20.0
9H-Fluorene, 2-...	16.804	2.3	ng	41167	4	17.450	358314	20.0
9H-Fluoren-9-one	17.103	2.9	ng	51904	4	17.450	358314	20.0
Dibenzothiophene	17.268	5.5	ng	99435	4	17.450	358314	20.0
2-Methyldibenzo...	18.032	3.6	ng	64313	4	17.450	358314	20.0
Phenanthrene, 1...	18.325	12.9	ng	230844	4	17.450	358314	20.0
1H-Cyclopropa[l...	18.372	15.8	ng	282614	4	17.450	358314	20.0
4H-Cyclopenta[d...	18.519	21.5	ng	385073	4	17.450	358314	20.0
Anthracene, 2-m...	18.555	7.5	ng	133794	4	17.450	358314	20.0
Naphthalene, 2-...	18.813	6.2	ng	110791	4	17.450	358314	20.0
di-p-Tolylacety...	19.119	2.8	ng	49223	4	17.450	358314	20.0
3,4-Dimethylphe...	19.236	10.2	ng	182197	4	17.450	358314	20.0