LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.771	380	388	396	rBV	283636	497396	22.13%	2.372%
2	7.380	652	662	675	rVB	294184	564261	25.11%	2.690%
3	8.227	800	806	818	rVB	141392	248446	11.05%	1.185%
4	9.402	997	1006	1016	rBV	184771	372680	16.58%	1.777%
5	10.800	1238	1244	1252	rBV	35606	69372	3.09%	0.331%
6	10.982	1269	1275	1280	rBV	17140	27759	1.24%	0.132%
7	11.053	1280	1287	1292	rVV	190230	356938	15.88%	1.702%
8	11.106	1292	1296	1302	rVB	71054	121452	5.40%	0.579%
9	12.028	1446	1453	1457	rBV5	13743	26003	1.16%	0.124%
10	12.416	1514	1519	1524	rBV	25124	37343	1.66%	0.178%
11	12.692	1561	1566	1574	rVB	38963	62301	2.77%	0.297%
12	12.915	1596	1604	1612	rBV	34204	66175	2.94%	0.316%
13	13.356	1674	1679	1685	rBV4	15857	23276	1.04%	0.111%
14	13.473	1692	1699	1709	rVB	473867	747725	33.27%	3.565%
15	13.644	1721	1728	1732	rBV	34350	56411	2.51%	0.269%
16	14.020	1786	1792	1793	rBV2	19929	29858	1.33%	0.142%
17	14.178	1812	1819	1824	rBV4	54659	105116	4.68%	0.501%
18	14.225	1824	1827	1831	rVB	17963	25870	1.15%	0.123%
19	14.296	1836	1839	1843	rVB3	22942	29549	1.31%	0.141%
20	14.408	1853	1858	1862	rBV2	16430	25945	1.15%	0.124%
21	14.584	1882	1888	1893	rBV5	17439	33053	1.47%	0.158%
22	14.707	1905	1909	1916	rVB	35557	47983	2.14%	0.229%
23	14.854	1928	1934	1940	rVB	283580	438066	19.49%	2.089%
24	14.919	1940	1945	1951	rVB	185132	288625	12.84%	1.376%
25	15.054	1962	1968	1977	rBV5	12590	30329	1.35%	0.145%
26	15.160	1977	1986	1989	rBV7	17101	38831	1.73%	0.185%
27	15.248	1995	2001	2007	rVB	100157	171561	7.63%	0.818%
28	15.318	2009	2013	2022	rVB4	21014	36351	1.62%	0.173%
29	15.459	2031	2037	2042	rBV5	16888	36135	1.61%	0.172%
30	15.653	2059	2070	2076	rBV2	39802	105890	4.71%	0.505%
31	15.900	2105	2112	2121	rBV	183489	299051	13.31%	1.426%
32	16.059	2135	2139	2143	rVB3	44260	67200	2.99%	0.320%
33	16.188	2157	2161	2169	rVB	33327	60262	2.68%	0.287%
34	16.341	2181	2187	2194	rBV2	326446	529015	23.54%	2.522%
35	16.517	2212	2217	2218	rBV2	45524	54744	2.44%	0.261%
36	16.899	2271	2282	2287	rBV4	36101	104827	4.66%	0.500%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.952	2288	2291	2297	rVB3	16510	26303	1.17%	0.125%
38	17.257	2339	2343	2348	rVB	22448	35082	1.56%	0.167%
39	17.310	2348	2352	2356	rBV3	47607	73734	3.28%	0.352%
40	17.357	2357	2360	2365	rVV3	40662	63562	2.83%	0.303%
41	17.422	2366	2371	2376	rVB	71310	115274	5.13%	0.550%
42	17.604	2396	2402	2405	rBV	304691	492932	21.93%	2.350%
43	17.651	2405	2410	2416	rVB	1131674	1762974	78.44%	8.406%
44	17.739	2420	2425	2430	rVB	310718	457121	20.34%	2.180%
45	18.009	2466	2471	2475	rVB	109242	166612	7.41%	0.794%
46	18.050	2475	2478	2484	rVB	45937	60926	2.71%	0.290%
47	18.115	2486	2489	2493	rBV3	19971	28378	1.26%	0.135%
48	18.473	2546	2550	2554	rBV	95497	129554	5.76%	0.618%
49	18.526	2554	2559	2566	rVB	157771	240903	10.72%	1.149%
50	18.603	2568	2572	2576	rVB	63067	100667	4.48%	0.480%
51	18.673	2578	2584	2588	rBV3	228099	423496	18.84%	2.019%
52	18.738	2593	2595	2598	rBV	31977	33125	1.47%	0.158%
53	18.961	2630	2633	2638	rVB	87843	118509	5.27%	0.565%
54	19.014	2639	2642	2647	rVB	55798	77415	3.44%	0.369%
55	19.654	2745	2751	2756	rBV	1595614	2247437	100.00%	10.716%
56	19.977	2801	2806	2808	rBV2	271023	456451	20.31%	2.176%
57	20.013	2808	2812	2818	rVB	1261428	1874482	83.41%	8.938%
58	20.072	2819	2822	2825	rVV	63874	76282	3.39%	0.364%
59	20.189	2837	2842	2847	rVB2	677069	895685	39.85%	4.271%
60	20.465	2886	2889	2891	rBV	74398	92742	4.13%	0.442%
61	20.495	2891	2894	2903	rVB	211756	293576	13.06%	1.400%
62	20.594	2907	2911	2915	rBV	207672	286183	12.73%	1.365%
63	21.746	3103	3107	3116	rVB2	140577	246360	10.96%	1.175%
64	21.893	3126	3132	3139	rBV3	677841	1601036	71.24%	7.634%
65	21.958	3139	3143	3153	rVB	518283	920330	40.95%	4.388%
66	24.243	3526	3532	3540	rBV	277508	960332	42.73%	4.579%
67	25.177	3684	3691	3703	rVB	272080	779841	34.70%	3.718%

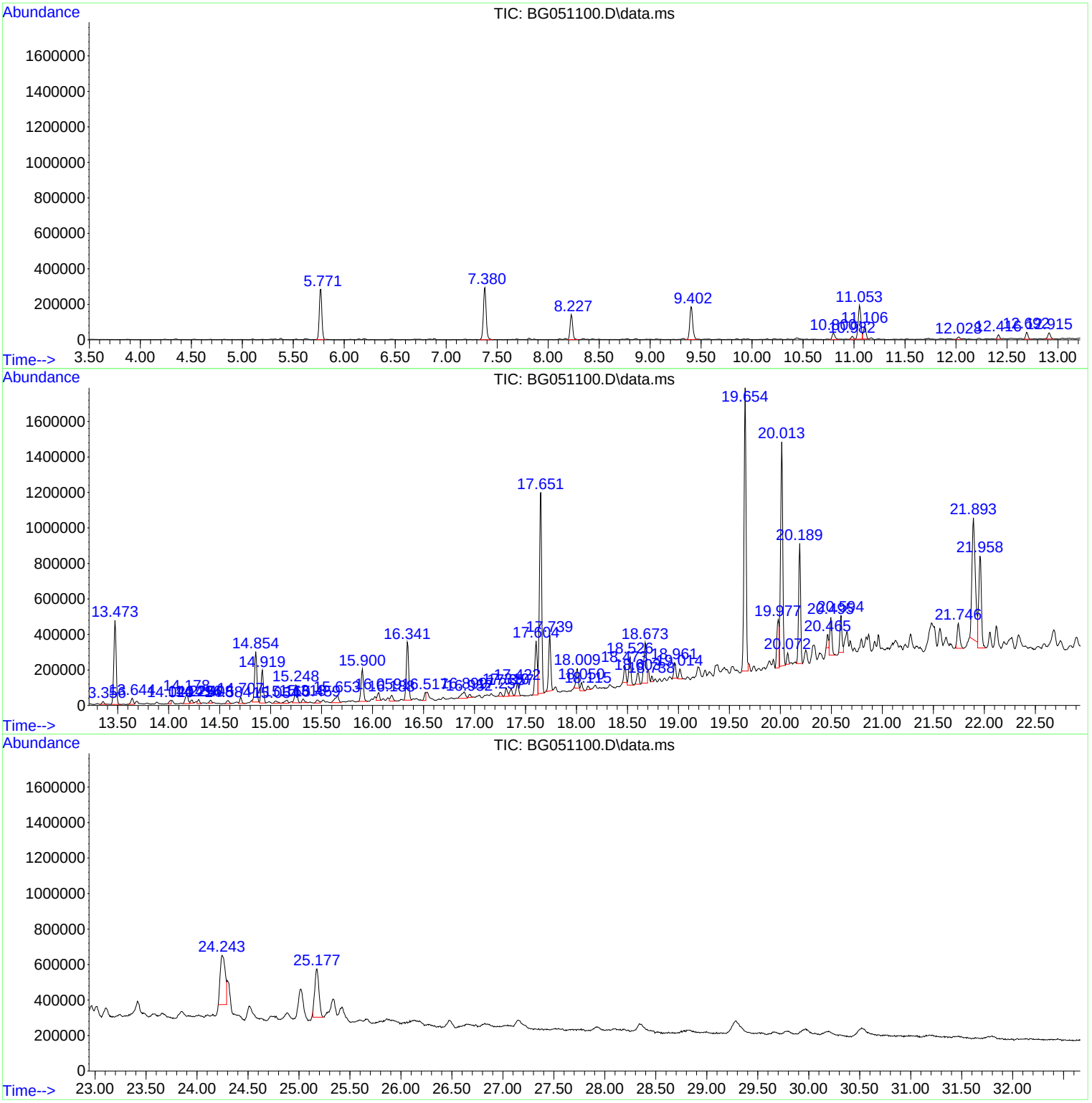
Sum of corrected areas: 20973103

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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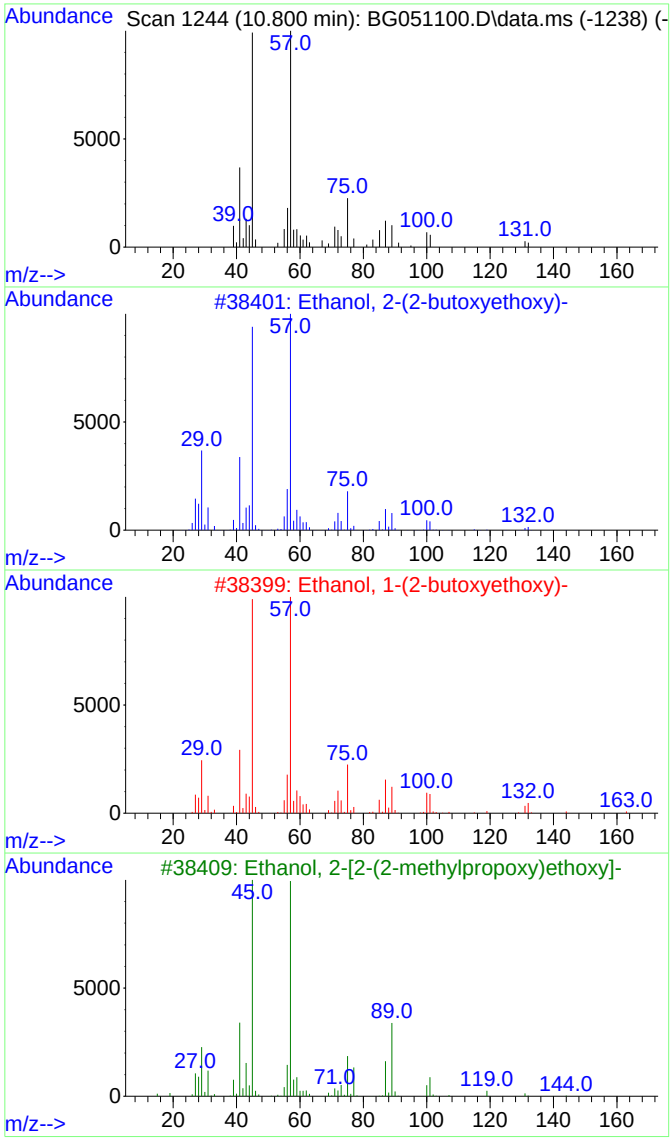
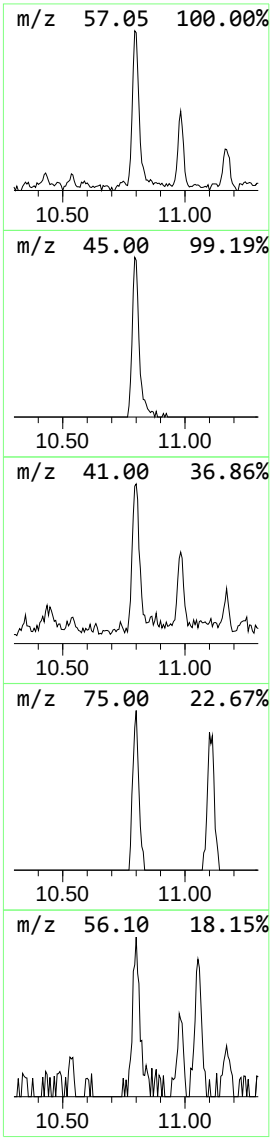
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.800	3.89 ng	69372	Naphthalene-d8	11.053

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	59
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	56
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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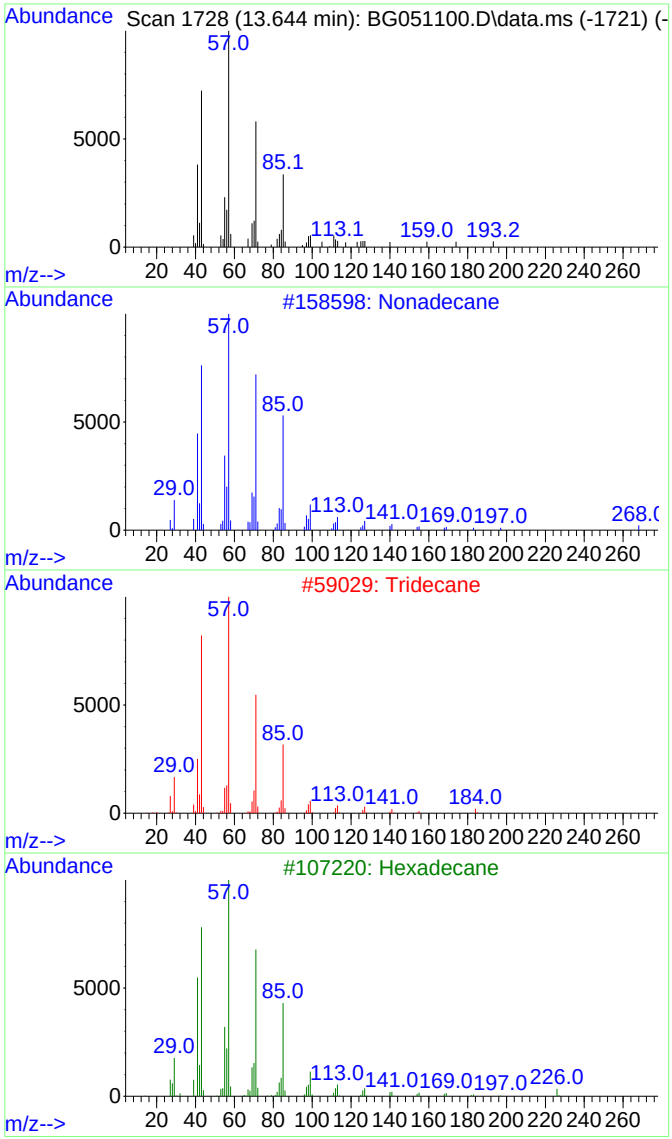
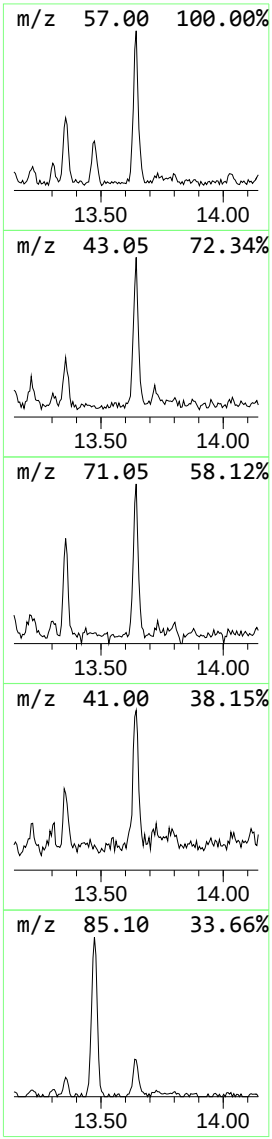
Peak Number 2 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.644	2.58 ng	56411	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Tridecane	184	C13H28	000629-50-5	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane	170	C12H26	000112-40-3	80
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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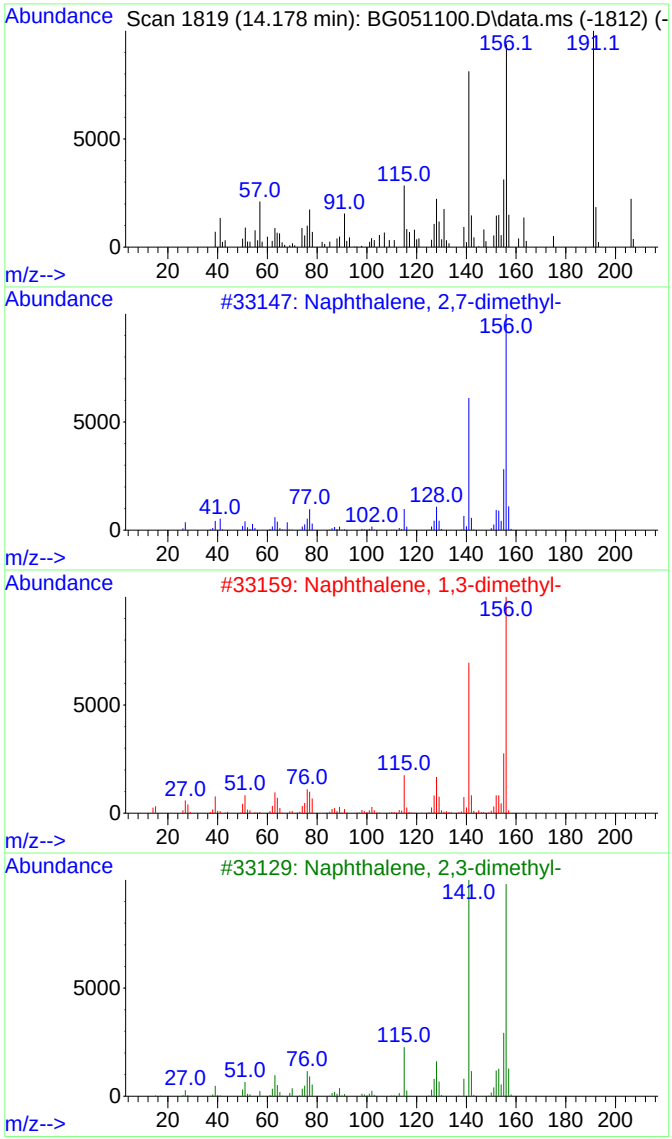
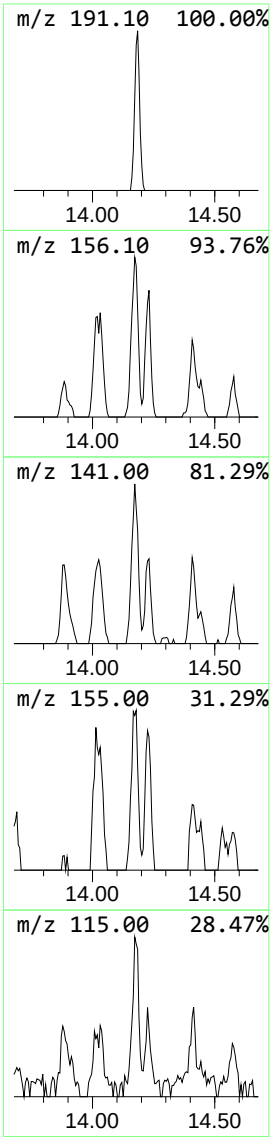
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.178	4.80 ng	105116	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	92
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	92
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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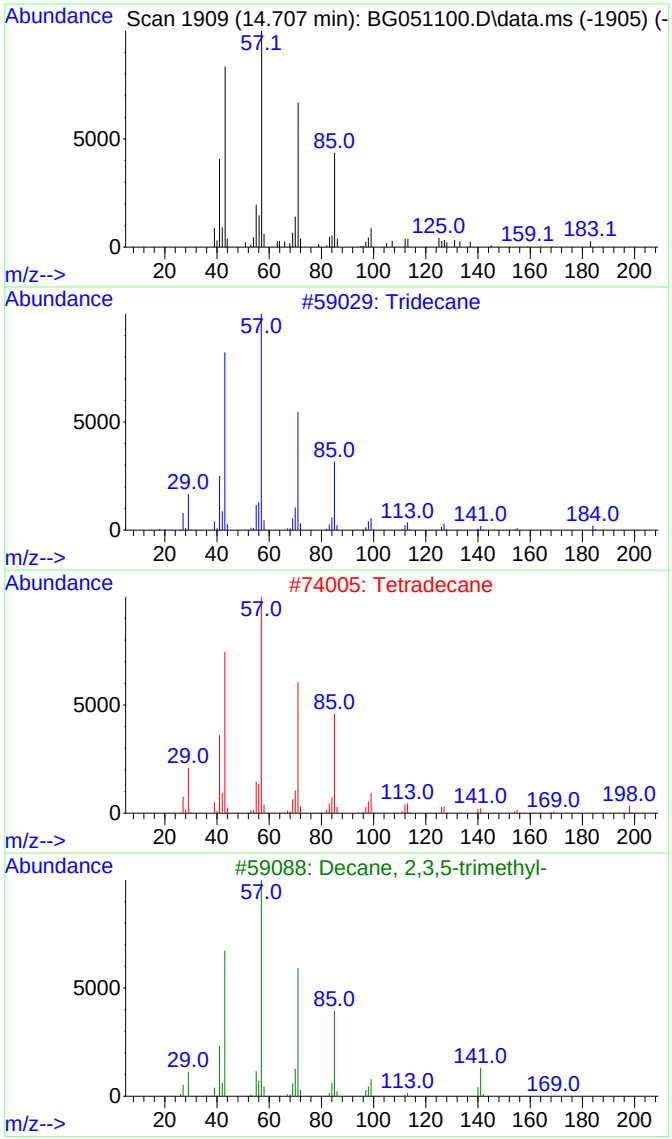
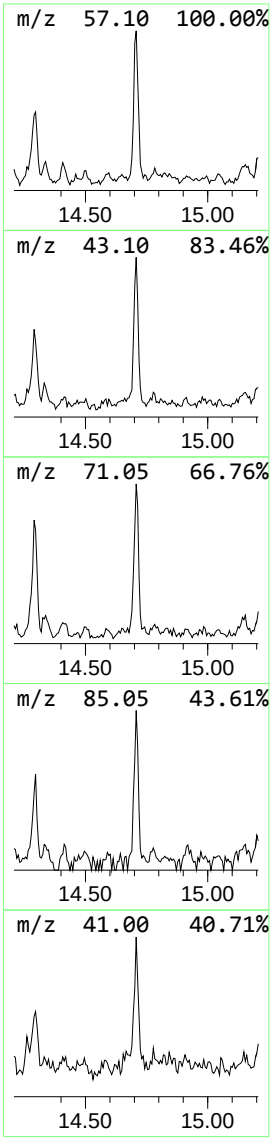
Peak Number 4 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.707	2.19 ng	47983	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Tetradecane	198	C14H30	000629-59-4	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	78
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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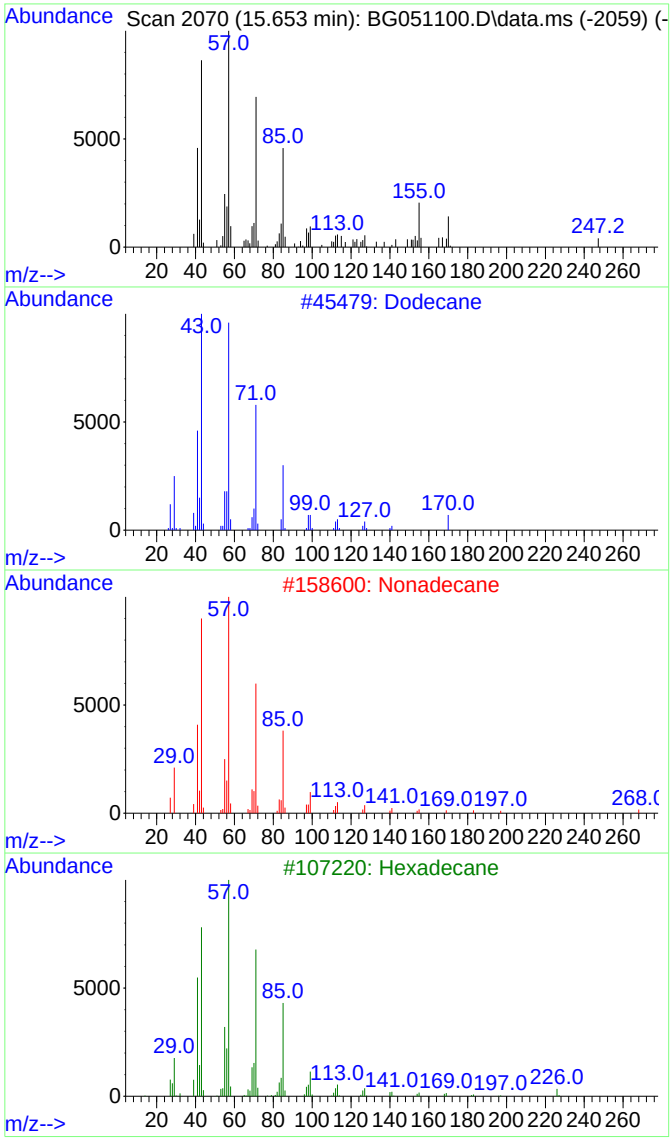
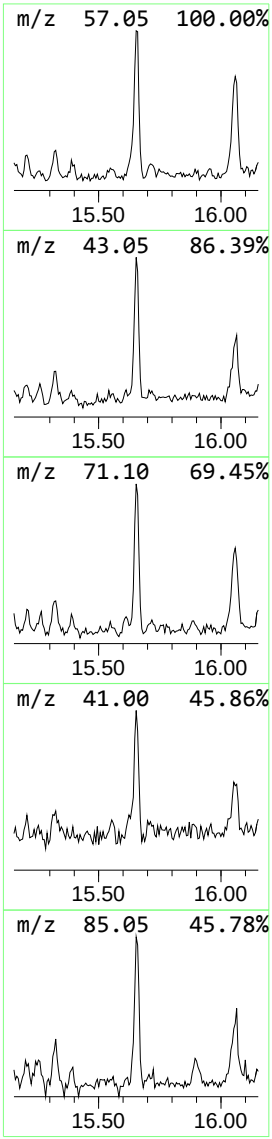
Peak Number 5 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.653	4.83 ng	105890	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	89
2	Nonadecane	268	C19H40	000629-92-5	68
3	Hexadecane	226	C16H34	000544-76-3	68
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tetradecane	198	C14H30	000629-59-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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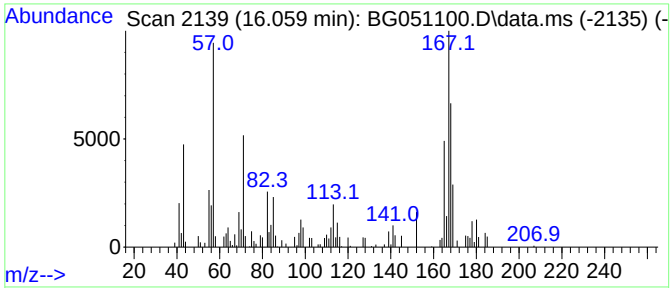
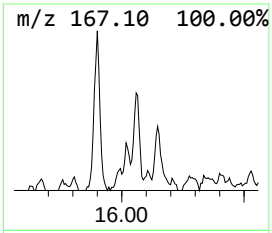
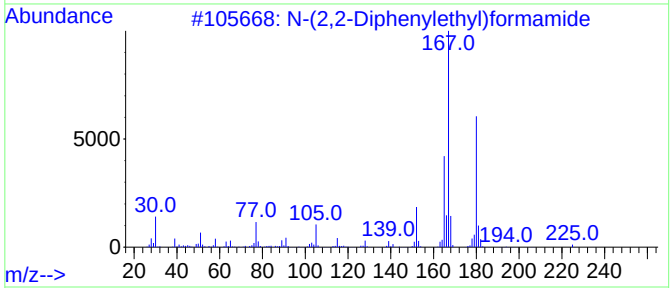
Peak Number 6 unknown16.059 Concentration Rank 14

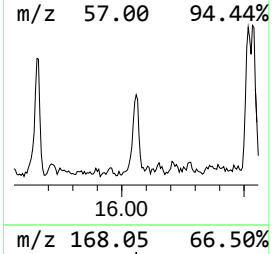
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.059	3.07 ng	67200	Acenaphthene-d10	14.854

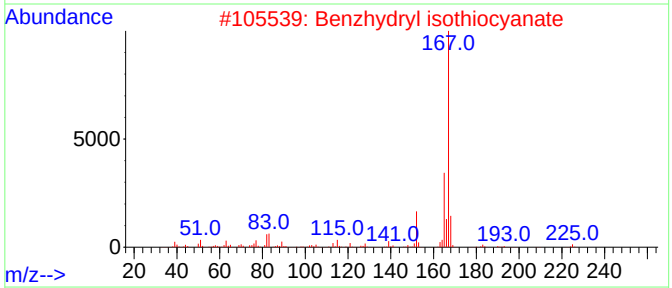
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(2,2-Diphenylethyl)formamide	225	C15H15NO	019501-33-8	35
2	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	35
3	Adrafinil	289	C15H15NO3S	063547-13-7	35
4	4-(Bromomethyl)-1,1'-biphenyl	246	C13H11Br	002567-29-5	27
5	Diphenylmethane	168	C13H12	000101-81-5	18

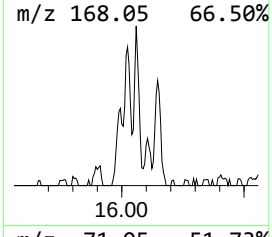


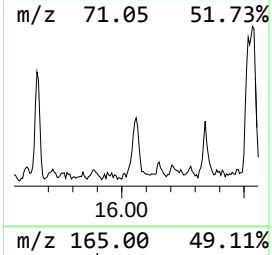


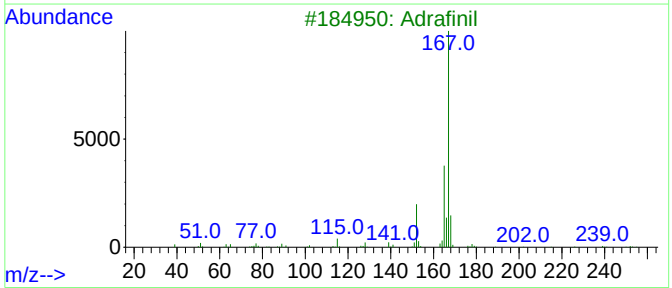


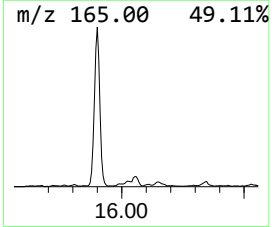












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Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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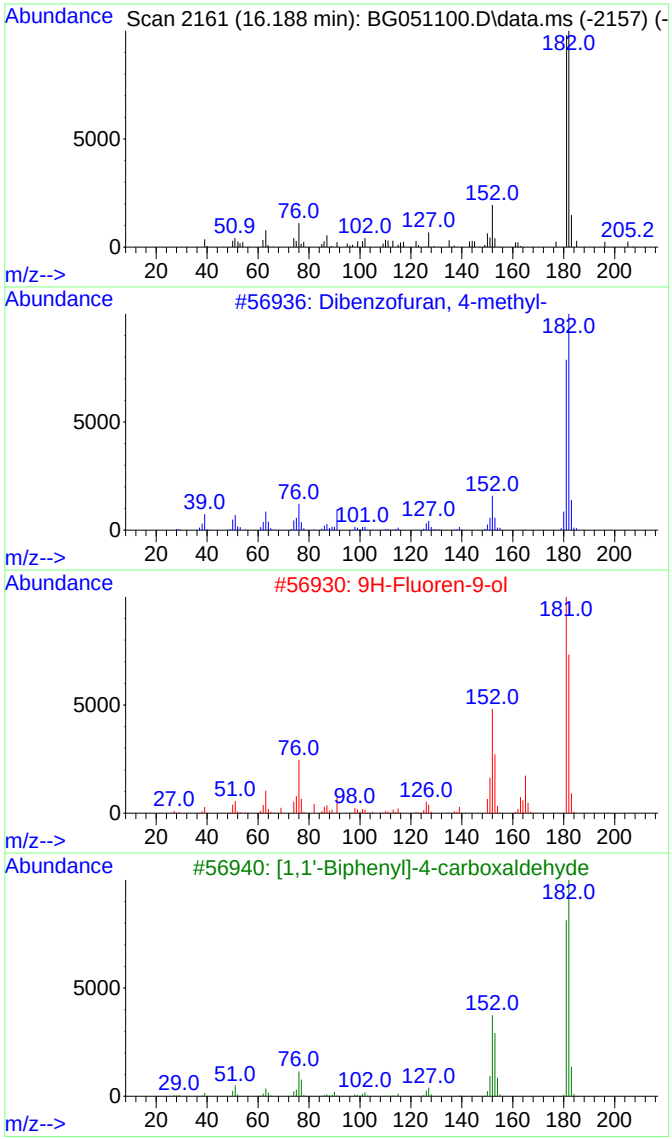
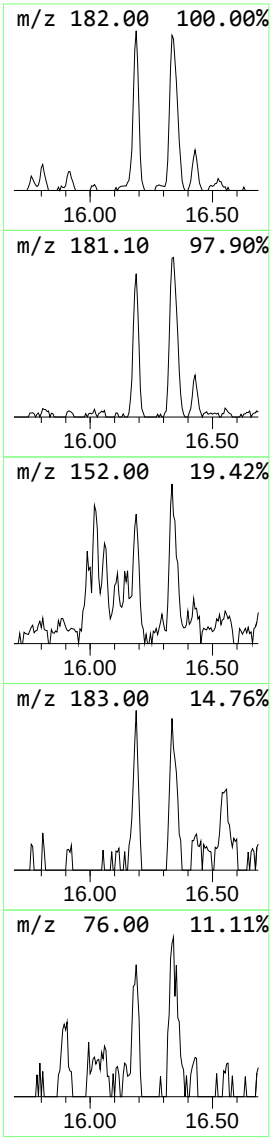
Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.188	2.75 ng	60262	Acenaphthene-d10	14.854

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





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Misc :
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BNA_G
ClientSampleId :
UT-COMP-02

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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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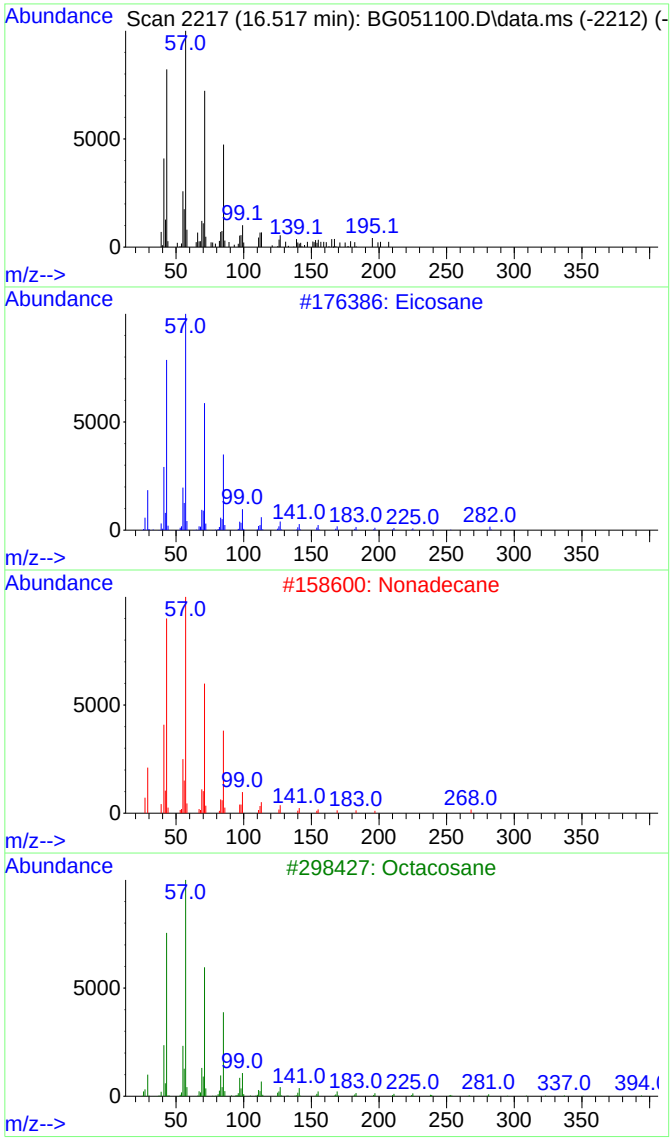
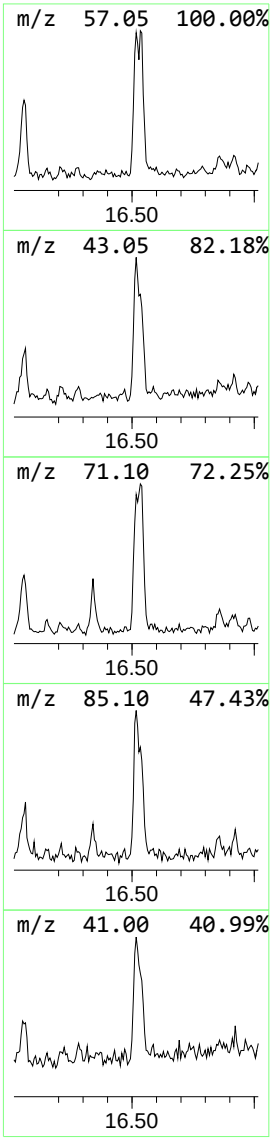
Peak Number 8 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.517	2.22 ng	54744	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	83
2	Nonadecane	268	C19H40	000629-92-5	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Hexadecane	226	C16H34	000544-76-3	80
5	Pentadecane	212	C15H32	000629-62-9	80





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

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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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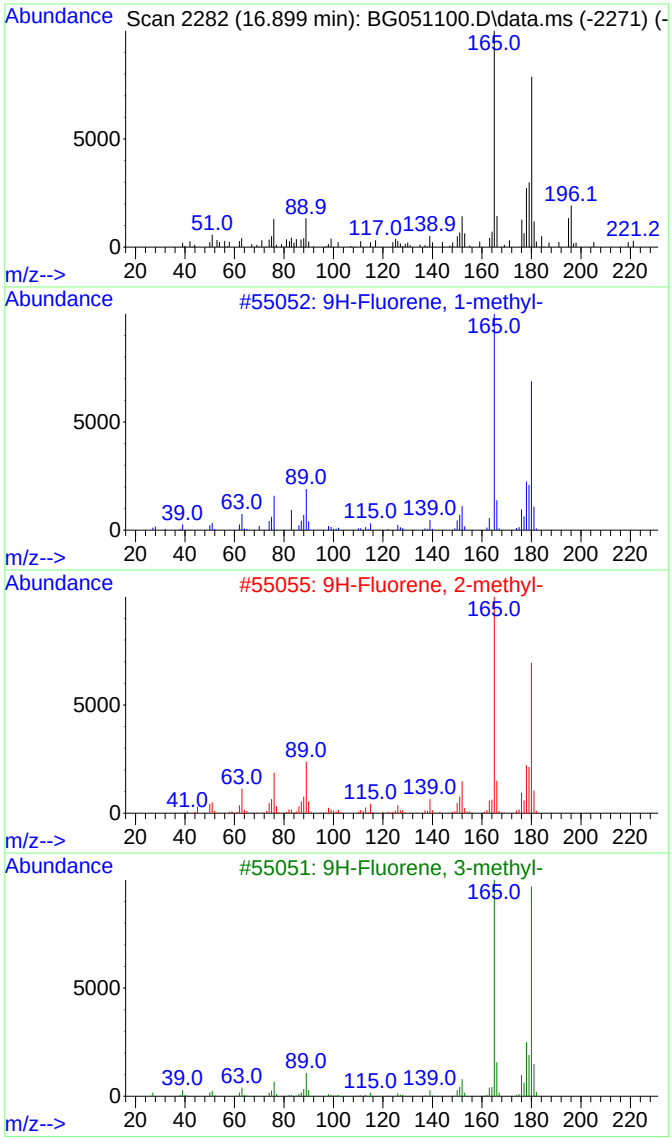
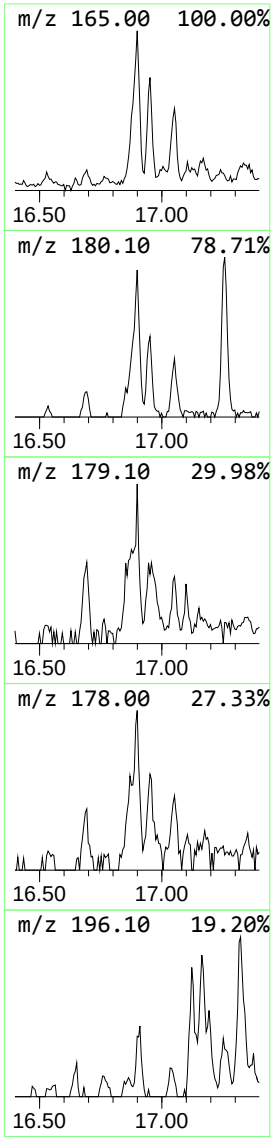
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.899	4.25 ng	104827	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70





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Misc :
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Instrument :
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ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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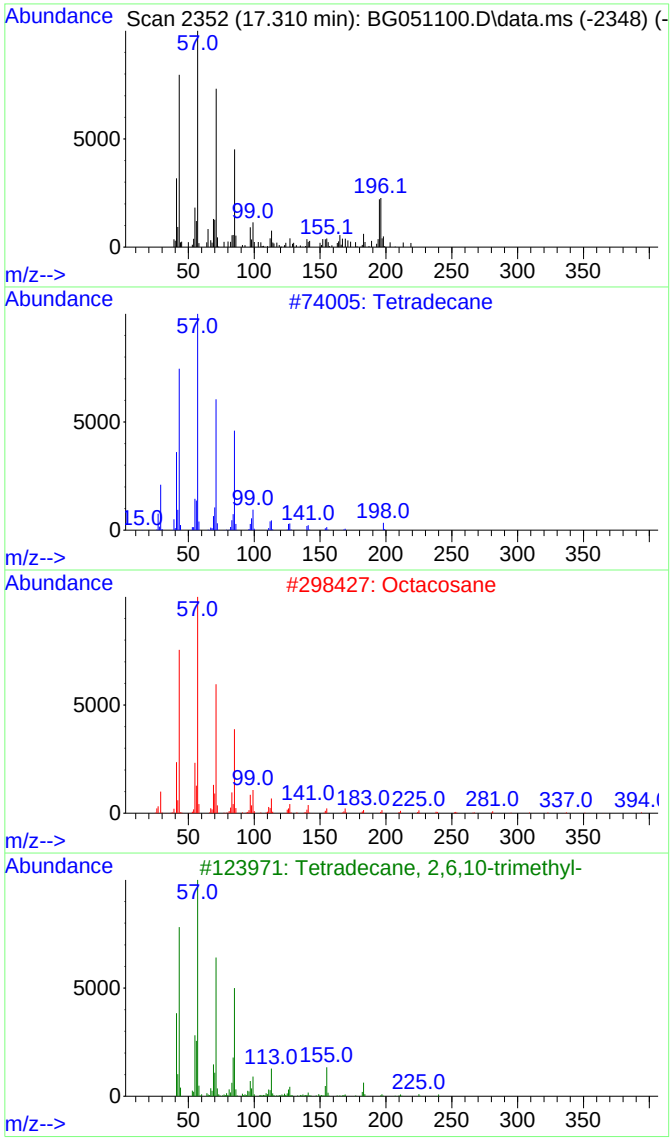
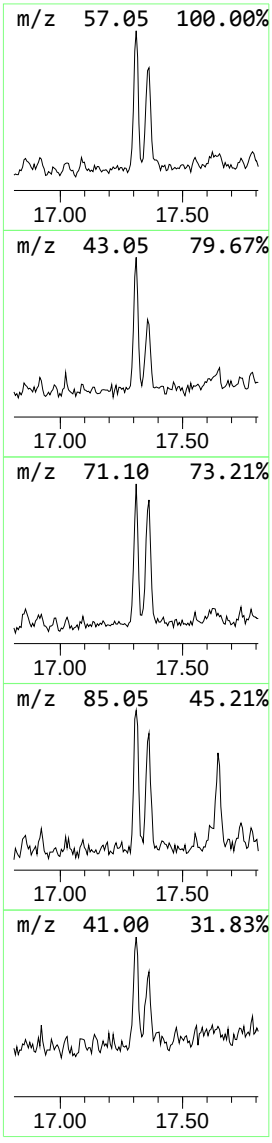
Peak Number 10 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.310	2.99 ng	73734	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octacosane	394	C28H58	000630-02-4	68
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Eicosane	282	C20H42	000112-95-8	58





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

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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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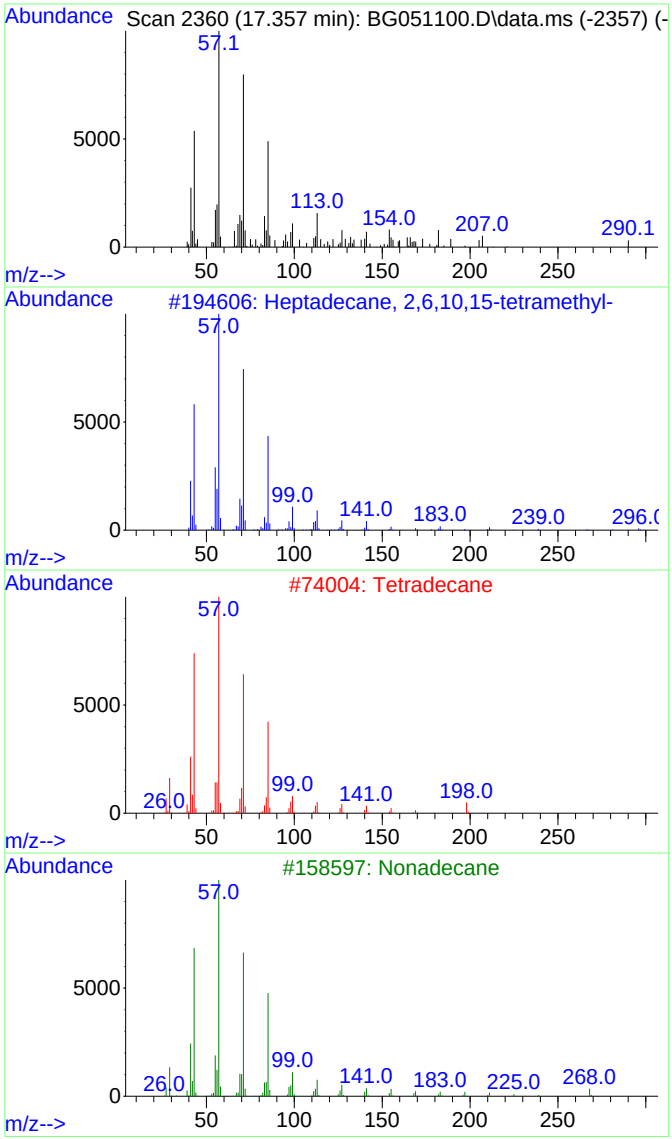
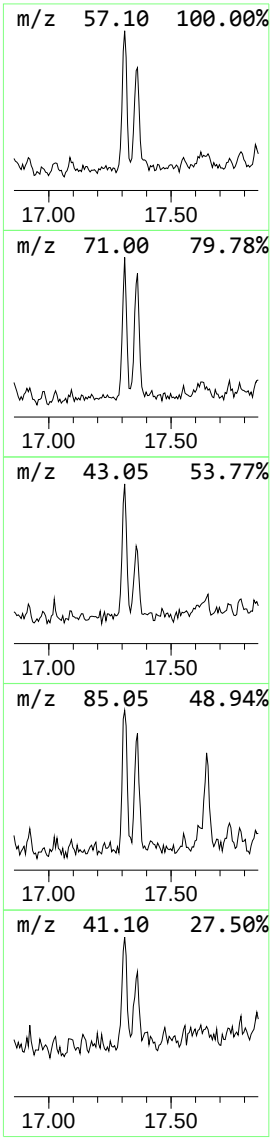
Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.357	2.58 ng	63562	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Tetradecane	198	C14H30	000629-59-4	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Eicosane	282	C20H42	000112-95-8	80
5	Octacosane	394	C28H58	000630-02-4	74





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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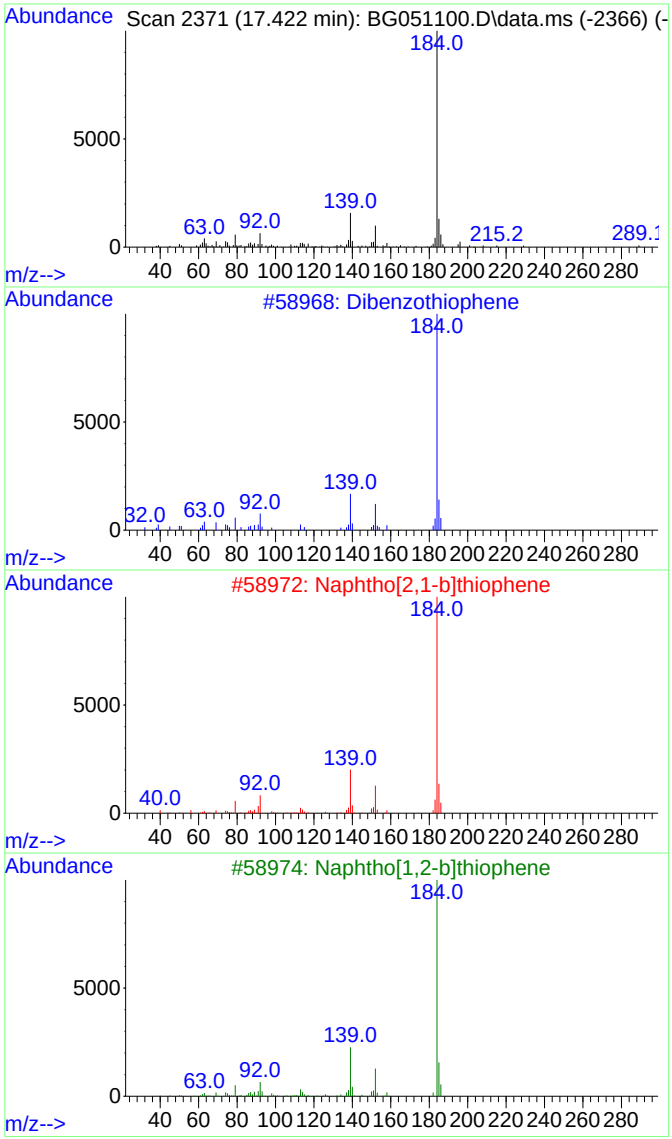
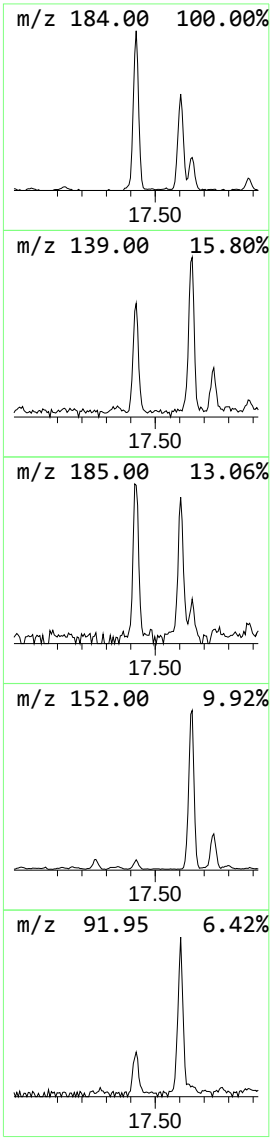
Peak Number 12 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.422	4.68 ng	115274	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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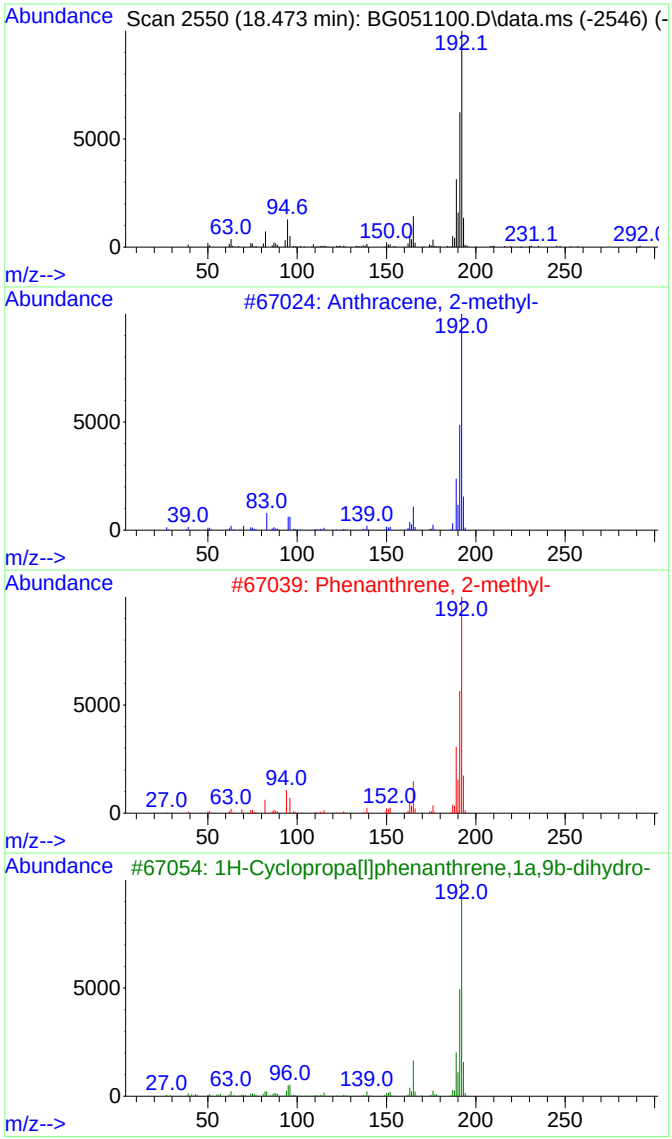
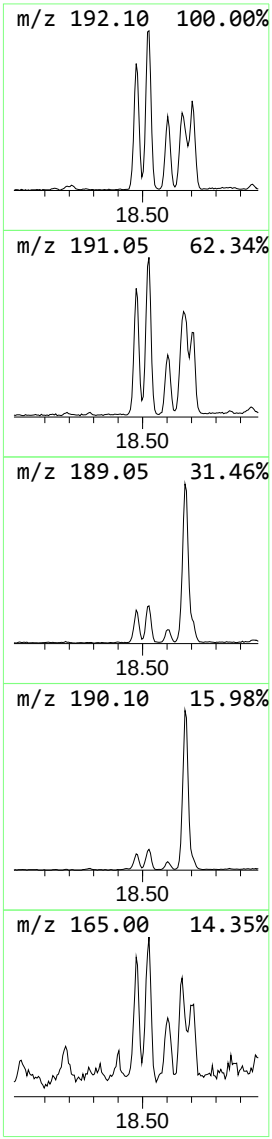
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.473	5.26 ng	129554	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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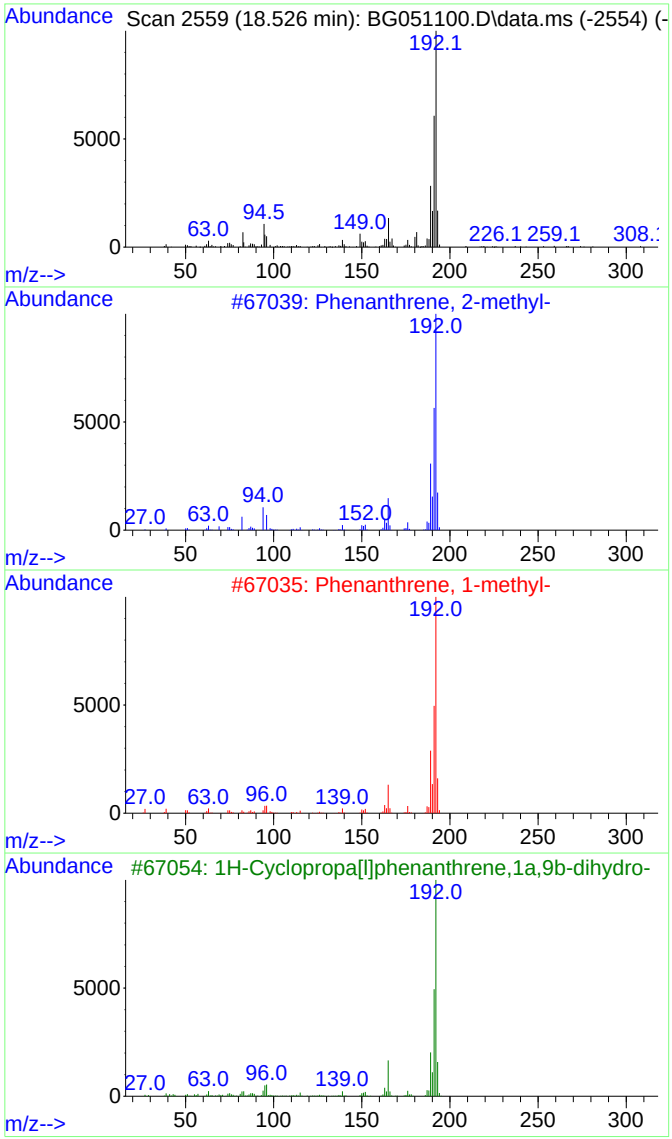
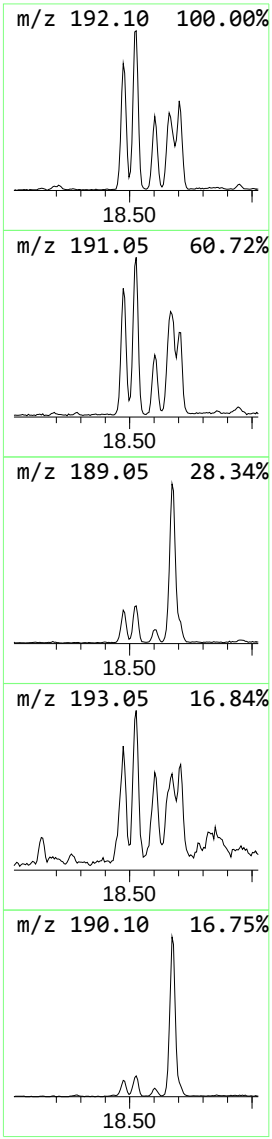
Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.526	9.77 ng	240903	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





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Misc :
ALS Vial : 16 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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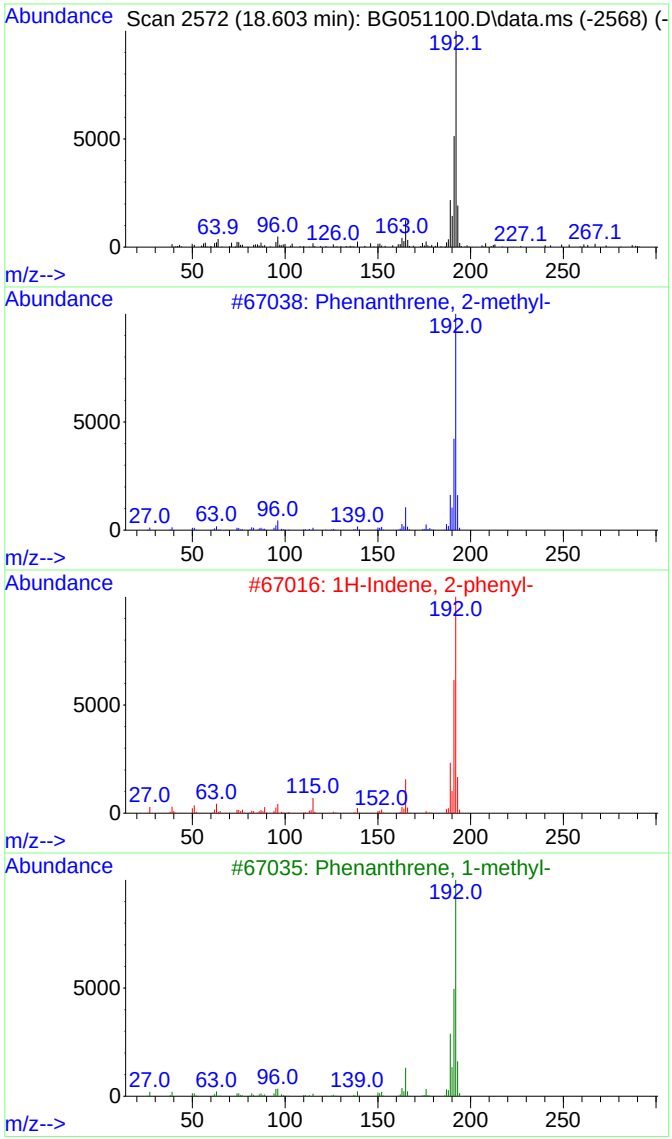
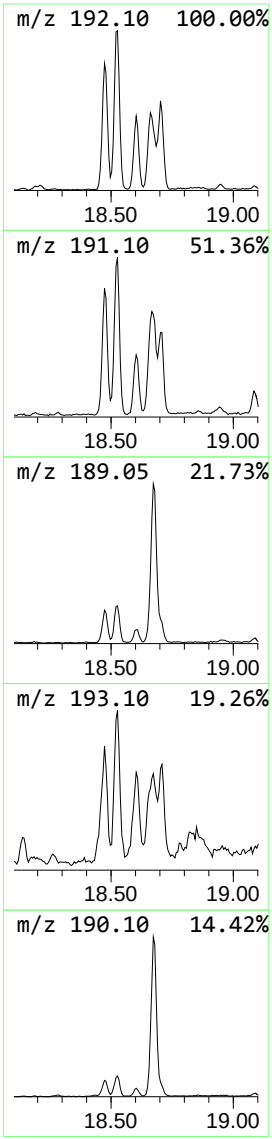
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.603	4.08 ng	100667	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91





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Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UT-COMP-02

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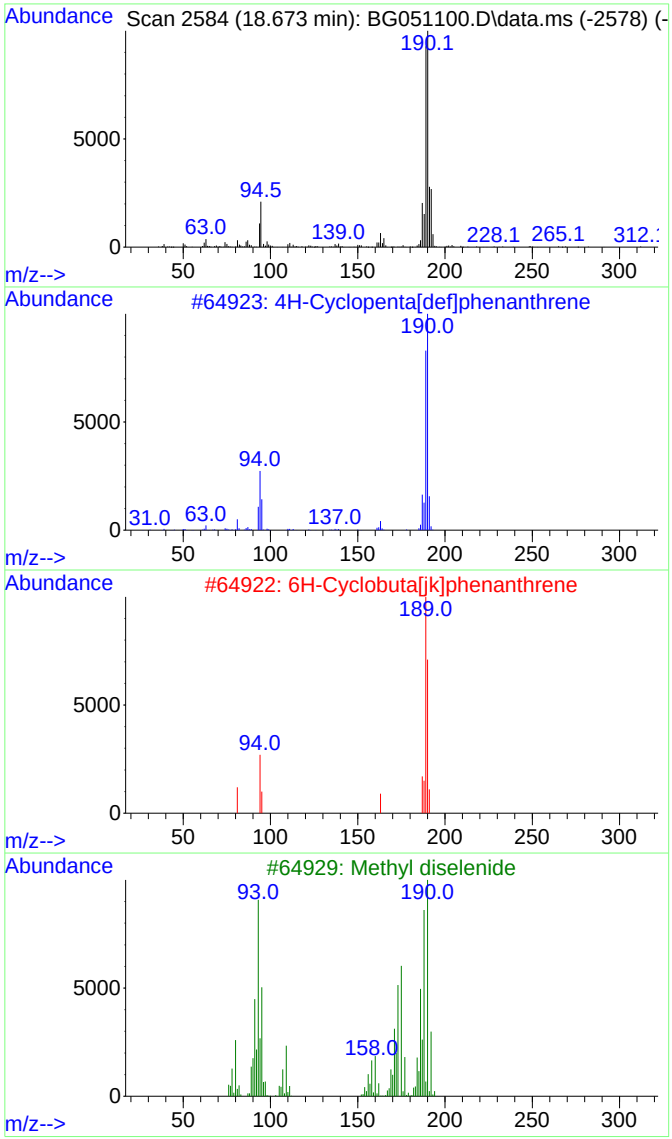
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

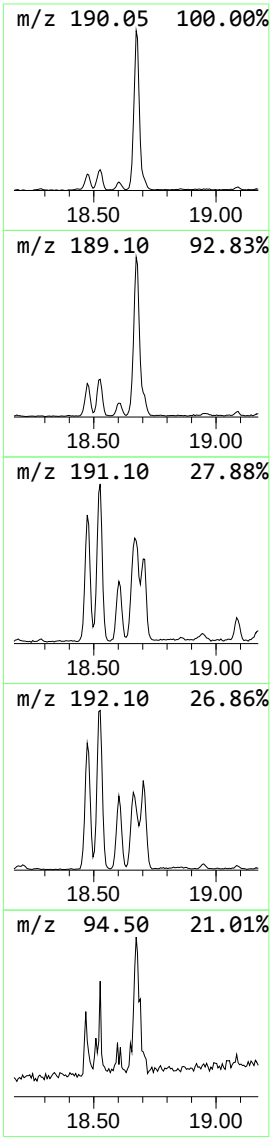
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.673	17.18 ng	423496	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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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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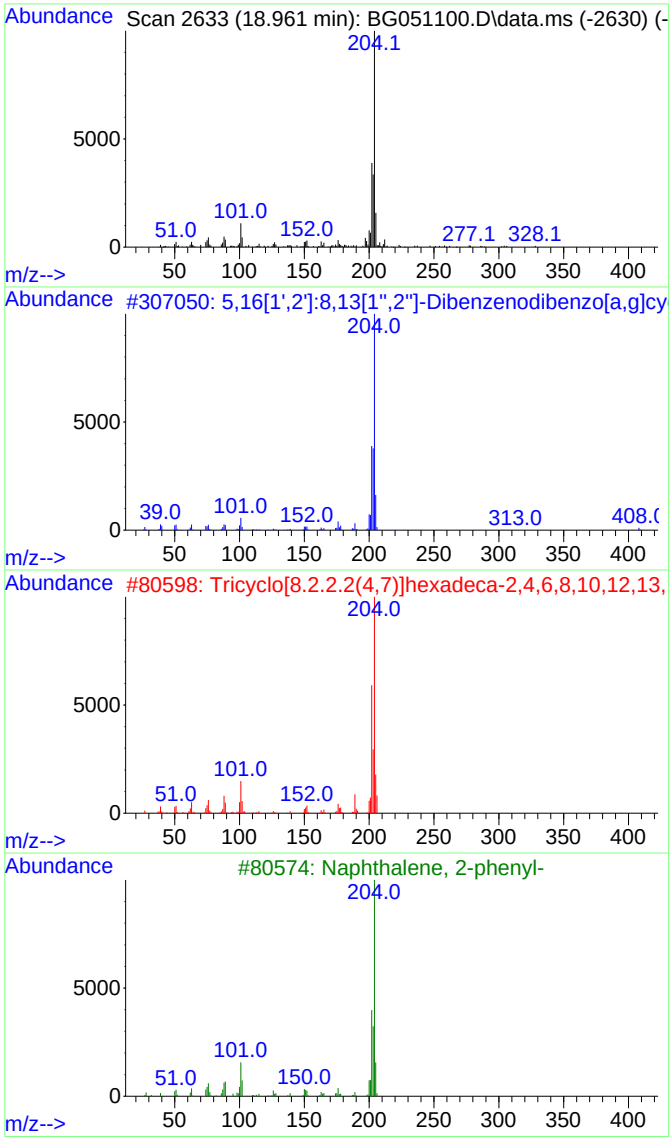
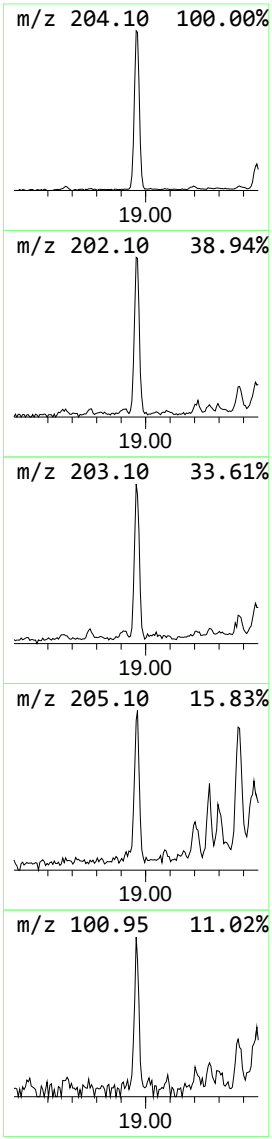
Peak Number 17 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.961	4.81 ng	118509	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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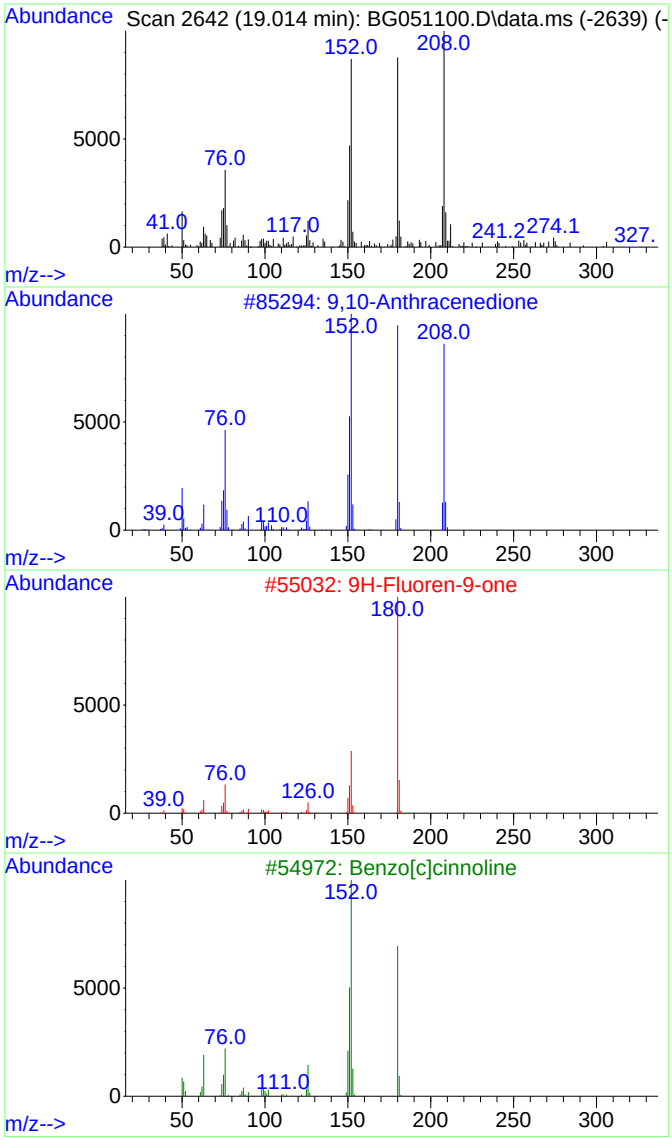
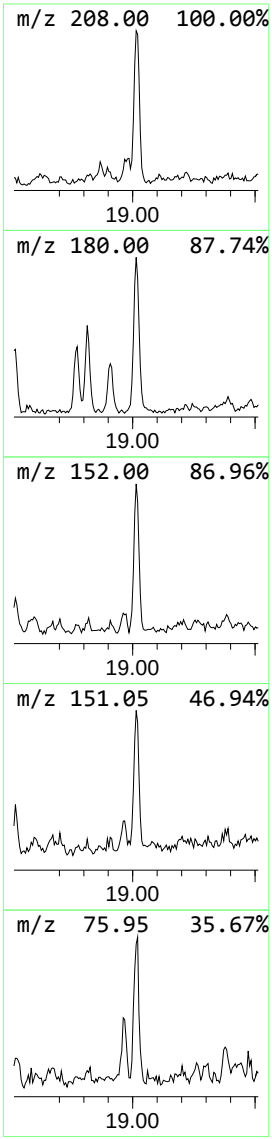
Peak Number 18 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.014	3.14 ng	77415	Phenanthrene-d10	17.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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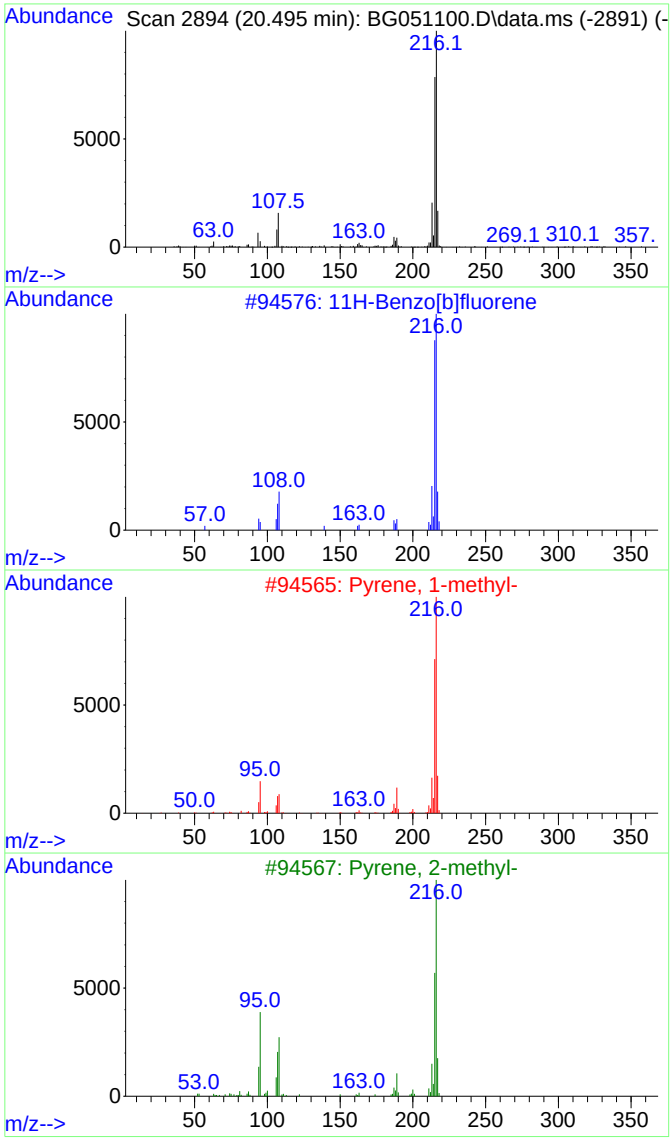
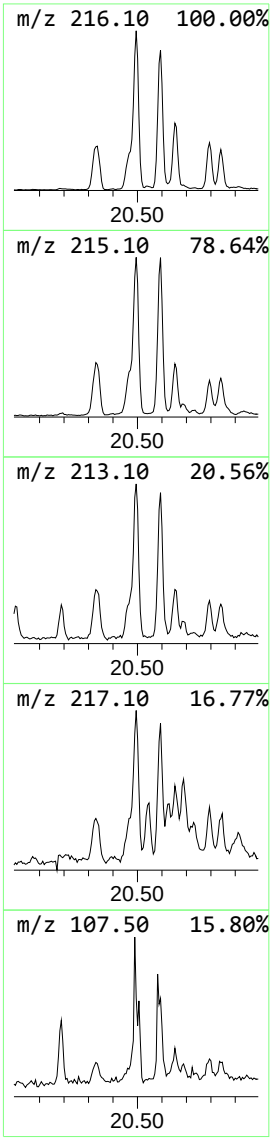
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.494	3.67 ng	293576	Chrysene-d12	21.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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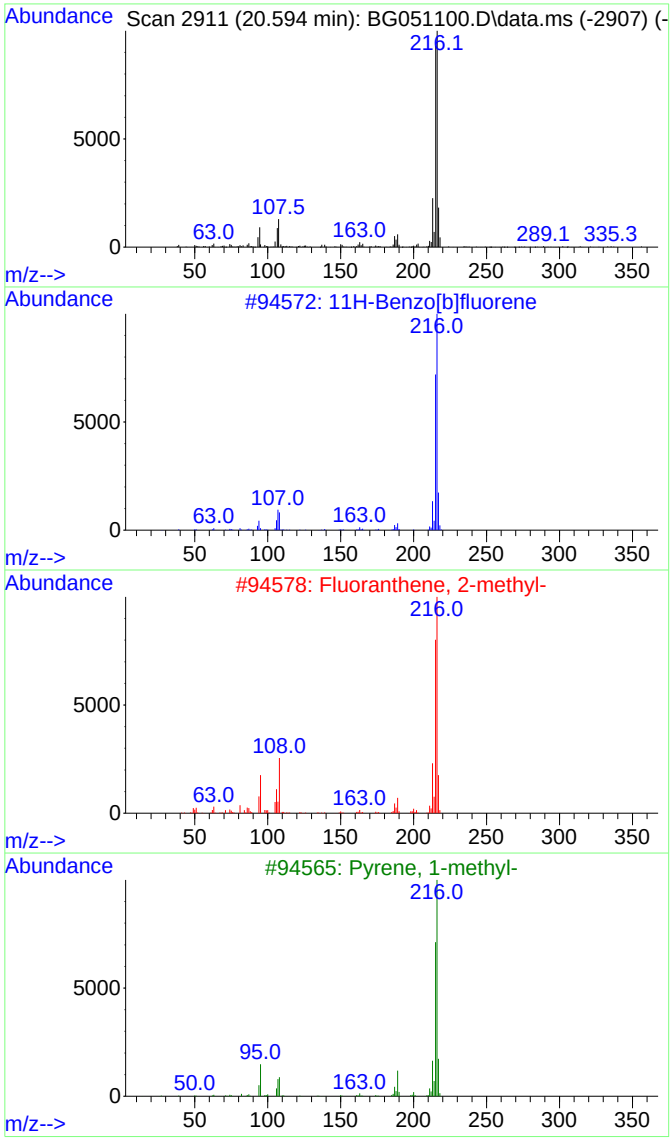
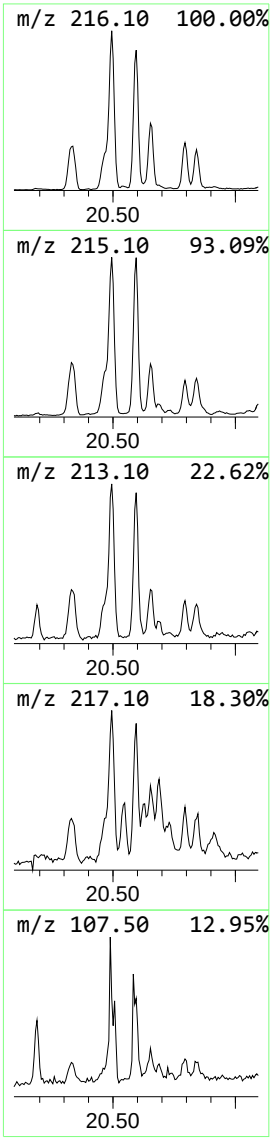
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.594	3.57 ng	286183	Chrysene-d12	21.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111721\
Data File : BG051100.D
Acq On : 17 Nov 2021 20:25
Operator : CG/JU
Sample : M4693-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
UT-COMP-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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
Ethanol, 2-(2-b...	10.800	3.9	ng	69372	2	11.053	356938	20.0
Nonadecane	13.644	2.6	ng	56411	3	14.854	438066	20.0
Naphthalene, 2,...	14.178	4.8	ng	105116	3	14.854	438066	20.0
Tridecane	14.707	2.2	ng	47983	3	14.854	438066	20.0
Dodecane	15.653	4.8	ng	105890	3	14.854	438066	20.0
unknown16.059	16.059	3.1	ng	67200	3	14.854	438066	20.0
Dibenzofuran, 4...	16.188	2.8	ng	60262	3	14.854	438066	20.0
Eicosane	16.517	2.2	ng	54744	4	17.604	492932	20.0
9H-Fluorene, 1-...	16.899	4.3	ng	104827	4	17.604	492932	20.0
Tetradecane	17.310	3.0	ng	73734	4	17.604	492932	20.0
Heptadecane, 2,...	17.357	2.6	ng	63562	4	17.604	492932	20.0
Dibenzothiophene	17.422	4.7	ng	115274	4	17.604	492932	20.0
Anthracene, 2-m...	18.473	5.3	ng	129554	4	17.604	492932	20.0
Phenanthrene, 2...	18.526	9.8	ng	240903	4	17.604	492932	20.0
1H-Indene, 2-ph...	18.603	4.1	ng	100667	4	17.604	492932	20.0
4H-Cyclopenta[d...	18.673	17.2	ng	423496	4	17.604	492932	20.0
5,16[1',2']:8,1...	18.961	4.8	ng	118509	4	17.604	492932	20.0
9,10-Anthracene...	19.014	3.1	ng	77415	4	17.604	492932	20.0
11H-Benzo[b]flu...	20.494	3.7	ng	293576	5	21.910	1601040	20.0
Fluoranthene, 2...	20.594	3.6	ng	286183	5	21.910	1601040	20.0