LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

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-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.641	393	400	408	rBV	391732	644064	18.43%	2.879%
2	7.239	664	672	681	rBV	254236	510455	14.61%	2.282%
3	7.626	730	738	752	rBV	748832	1338933	38.32%	5.986%
4	8.102	812	819	830	rBV	193007	369839	10.59%	1.653%
5	8.202	830	836	843	rVB	23517	40619	1.16%	0.182%
6	8.420	864	873	880	rBV	661821	1230351	35.21%	5.501%
7	9.277	1011	1019	1029	rVV	615642	1143623	32.73%	5.113%
8	10.300	1187	1193	1200	rVB2	43255	77246	2.21%	0.345%
9	10.547	1228	1235	1241	rBV2	27959	53369	1.53%	0.239%
10	10.923	1288	1299	1310	rVB	297669	604437	17.30%	2.702%
11	11.375	1370	1376	1382	rVB3	21629	40698	1.16%	0.182%
12	11.822	1446	1452	1457	rVB	24355	40106	1.15%	0.179%
13	12.098	1493	1499	1511	rVB2	70759	130403	3.73%	0.583%
14	12.450	1551	1559	1568	rVB2	51301	90750	2.60%	0.406%
15	12.803	1607	1619	1624	rBV4	43163	129946	3.72%	0.581%
16	13.067	1656	1664	1668	rBV8	15603	35364	1.01%	0.158%
17	13.355	1706	1713	1721	rVB	1715267	2722021	77.91%	12.170%
18	13.666	1760	1766	1770	rBV	35177	64421	1.84%	0.288%
19	13.890	1795	1804	1805	rBV5	58309	86790	2.48%	0.388%
20	14.048	1821	1831	1836	rBV2	99467	232141	6.64%	1.038%
21	14.101	1836	1840	1848	rVB2	71115	123405	3.53%	0.552%
22	14.289	1867	1872	1875	rBV2	44573	75599	2.16%	0.338%
23	14.448	1895	1899	1906	rBV2	33999	61075	1.75%	0.273%
24	14.736	1938	1948	1955	rBV2	484624	863741	24.72%	3.862%
25	14.936	1972	1982	1991	rVB6	29302	87922	2.52%	0.393%
26	15.118	2003	2013	2021	rBV5	47143	125422	3.59%	0.561%
27	15.194	2021	2026	2032	rVB	39822	64630	1.85%	0.289%
28	15.341	2043	2051	2056	rBV2	47264	107325	3.07%	0.480%
29	15.388	2056	2059	2064	rVB	37511	56370	1.61%	0.252%
30	15.511	2069	2080	2082	rVV5	29096	85511	2.45%	0.382%
31	15.541	2082	2085	2094	rVB5	35241	66824	1.91%	0.299%
32	15.676	2103	2108	2113	rBV6	29693	56109	1.61%	0.251%
33	15.905	2142	2147	2151	rBV	60465	109870	3.14%	0.491%
34	16.222	2194	2201	2209	rBV	1215205	1910692	54.69%	8.542%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

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-BG101818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.410	2227	2233	2236	rBV5	21289	42688	1.22%	0.191%
36	16.575	2253	2261	2264	rBV8	14951	35579	1.02%	0.159%
37	16.751	2286	2291	2299	rBV2	63553	120269	3.44%	0.538%
38	16.833	2300	2305	2309	rBV2	39809	64953	1.86%	0.290%
39	17.033	2335	2339	2347	rVB7	25414	70526	2.02%	0.315%
40	17.133	2348	2356	2361	rVB2	50039	98388	2.82%	0.440%
41	17.480	2404	2415	2421	rBV2	630832	1077414	30.84%	4.817%
42	17.521	2421	2422	2428	rVV	45815	53150	1.52%	0.238%
43	17.585	2428	2433	2436	rVV3	45831	80185	2.30%	0.358%
44	17.621	2436	2439	2444	rVB2	37075	54818	1.57%	0.245%
45	17.785	2463	2467	2474	rBV5	34700	65075	1.86%	0.291%
46	17.885	2481	2484	2488	rVB	29918	43770	1.25%	0.196%
47	18.337	2556	2561	2566	rBV4	82799	142995	4.09%	0.639%
48	18.396	2567	2571	2578	rVB4	70073	120544	3.45%	0.539%
49	18.537	2590	2595	2600	rBV3	45608	80301	2.30%	0.359%
50	18.796	2632	2639	2646	rBV3	37745	83946	2.40%	0.375%
51	19.254	2710	2717	2723	rVB6	43726	106249	3.04%	0.475%
52	19.607	2772	2777	2784	rVB5	53308	87968	2.52%	0.393%
53	19.894	2823	2826	2832	rVB6	25370	41424	1.19%	0.185%
54	20.082	2852	2858	2869	rBV	2544440	3493833	100.00%	15.620%
55	21.622	3116	3120	3126	rBV	27827	43538	1.25%	0.195%
56	21.763	3138	3144	3154	rBV	559800	1007819	28.85%	4.506%
57	21.921	3167	3171	3176	rVB	26351	42566	1.22%	0.190%
58	22.538	3271	3276	3282	rBV2	52423	88121	2.52%	0.394%
59	23.249	3391	3397	3406	rVB2	75576	152851	4.37%	0.683%
60	24.078	3531	3538	3548	rVB	82219	194725	5.57%	0.871%
61	25.094	3697	3711	3727	rBV3	315190	1203186	34.44%	5.379%
62	26.222	3895	3903	3915	rVB2	59270	185459	5.31%	0.829%
63	27.632	4133	4143	4153	rBV7	29402	105116	3.01%	0.470%

Sum of corrected areas: 22367527

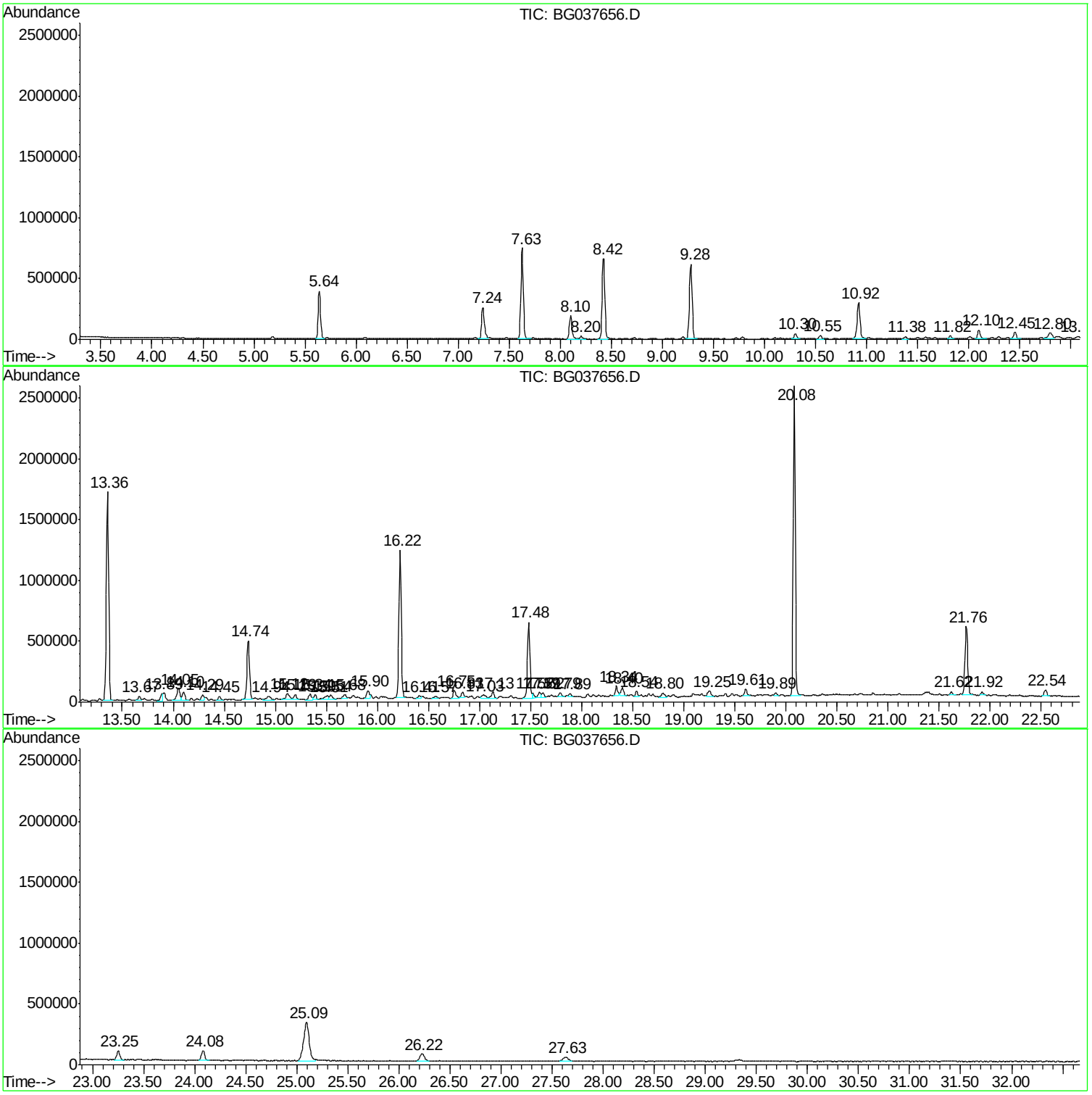
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

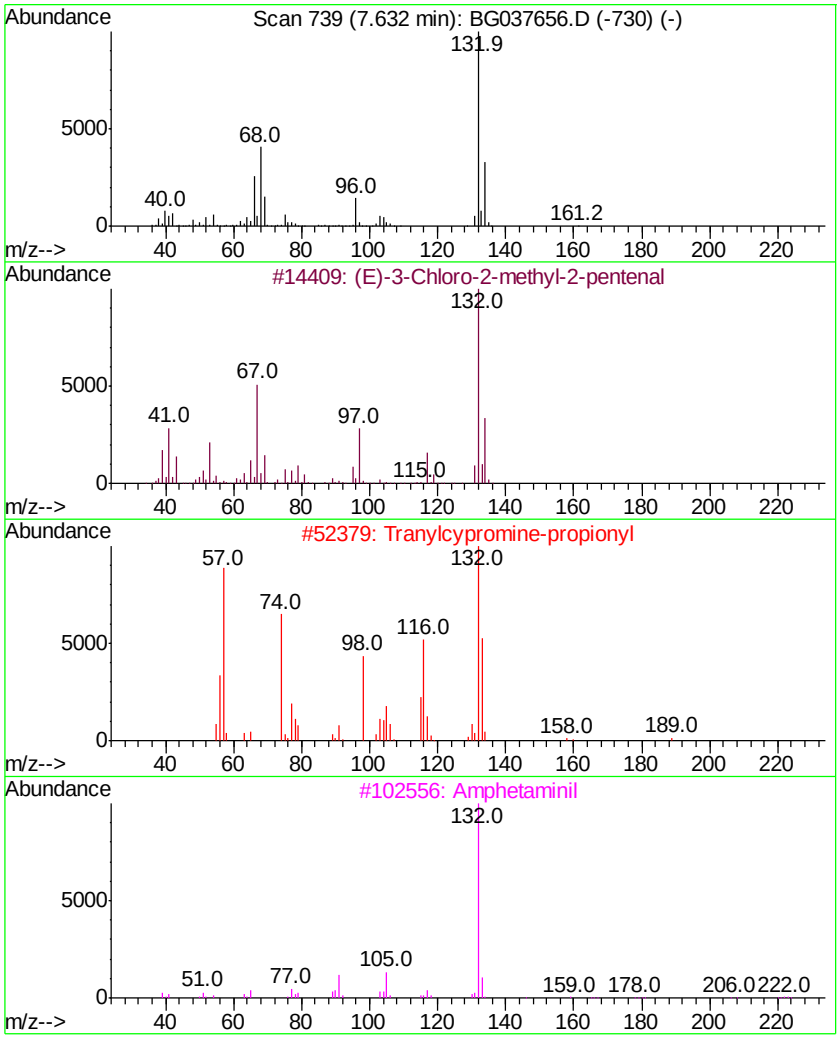
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

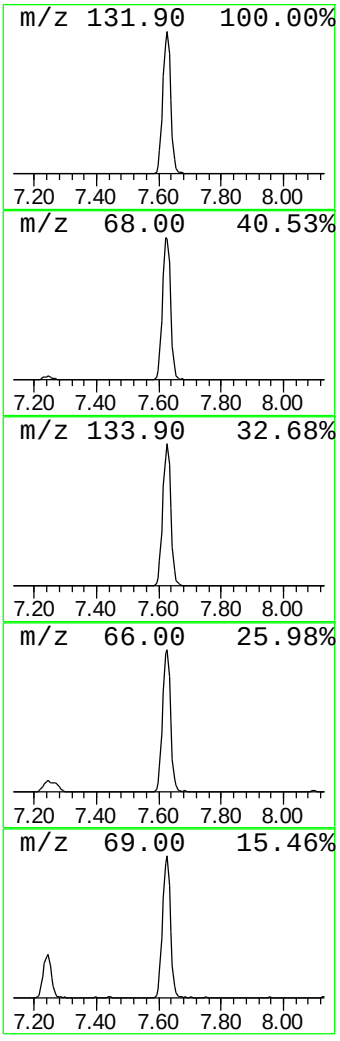
****

Peak Number 1 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	72.41 ng	1338930	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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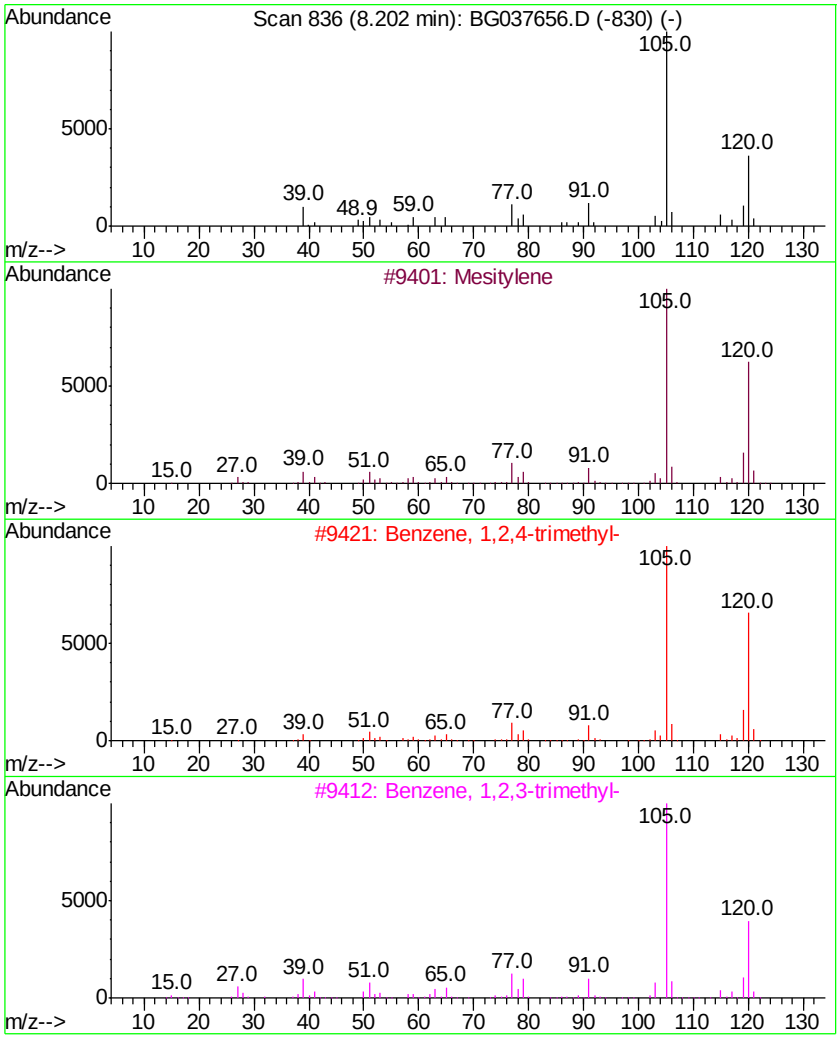
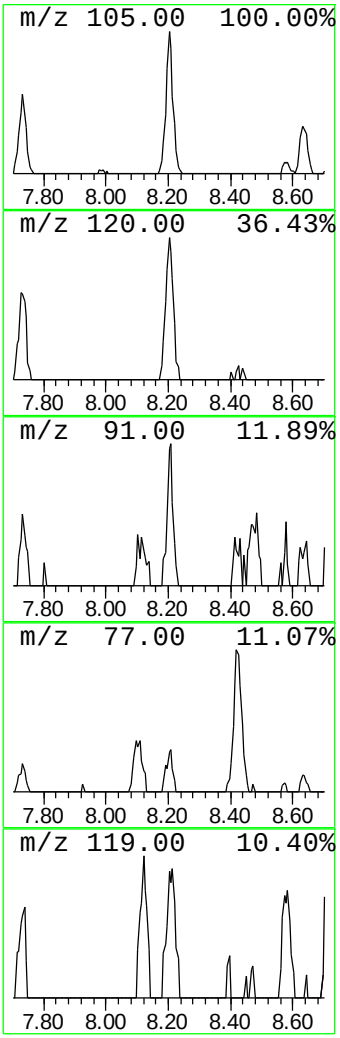
Peak Number 2 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	2.20 ng	40619	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

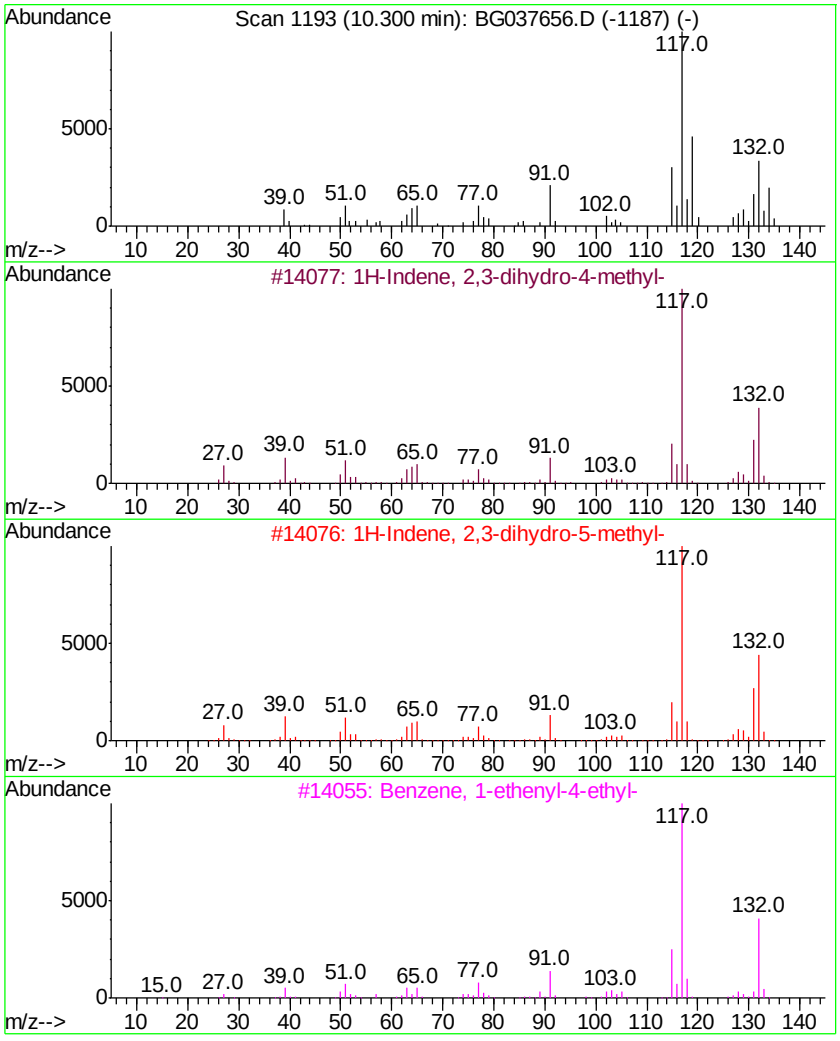
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

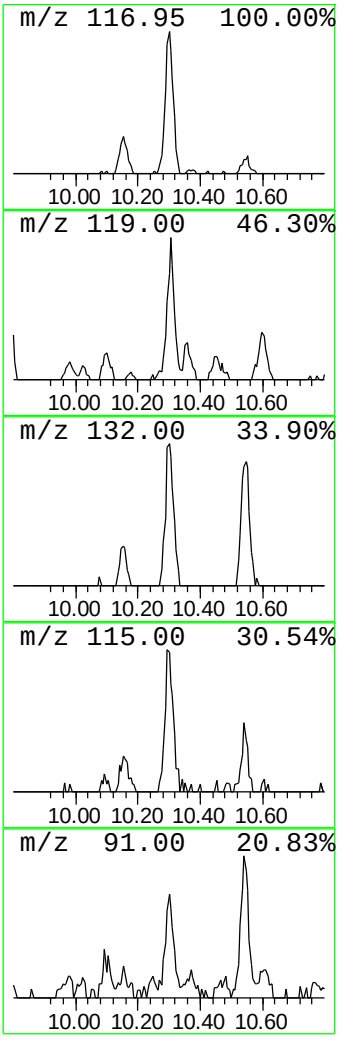
****

Peak Number 4 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.56 ng	77246	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	53
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	53
5	Indan, 1-methyl-	132	C10H12	000767-58-8	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
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Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

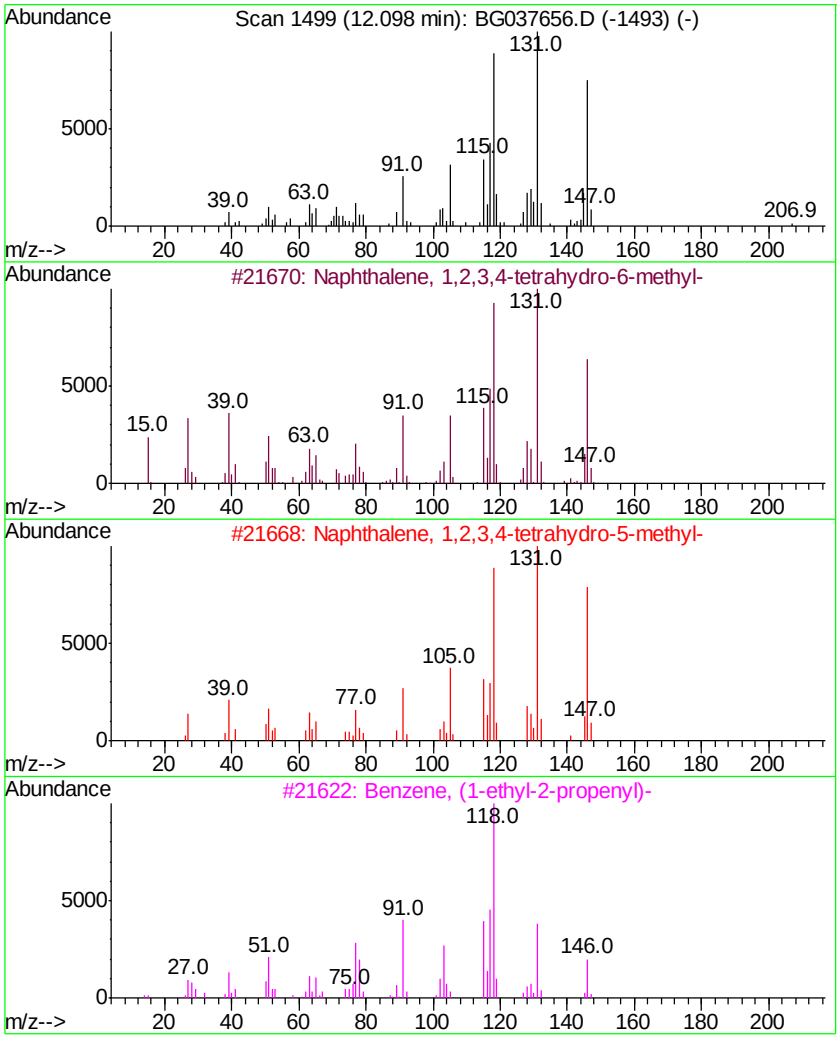
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

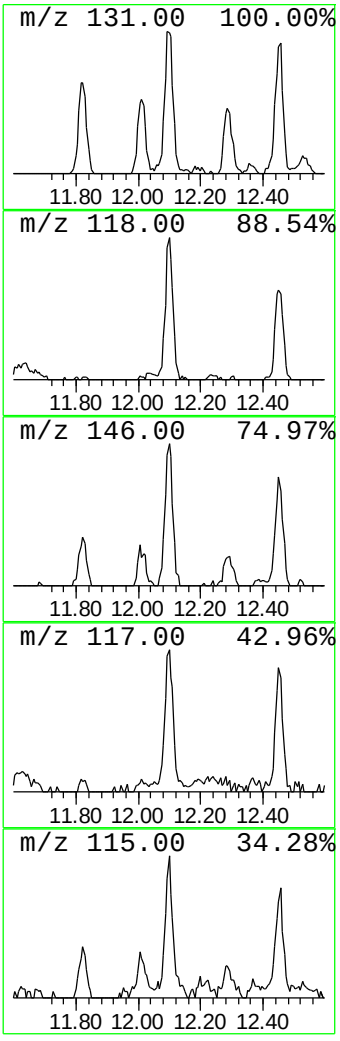
****

Peak Number 5 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	4.31 ng	130403	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	87
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83





Library Search Compound Report

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Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

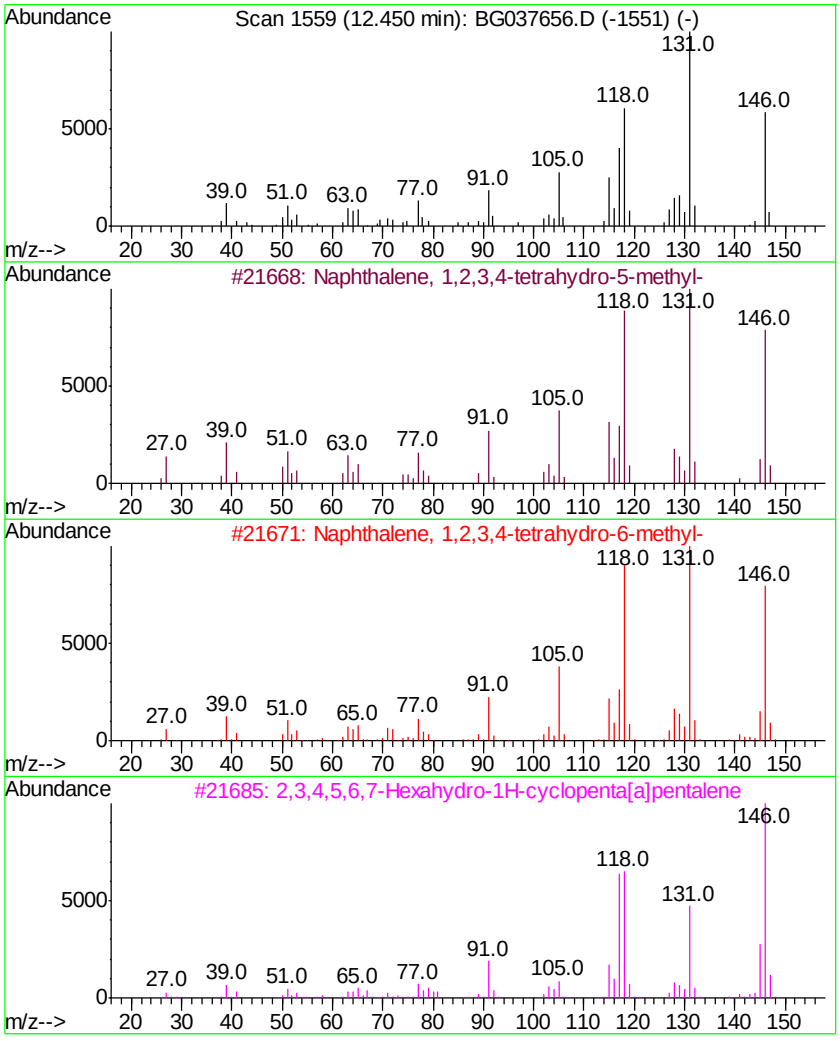
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

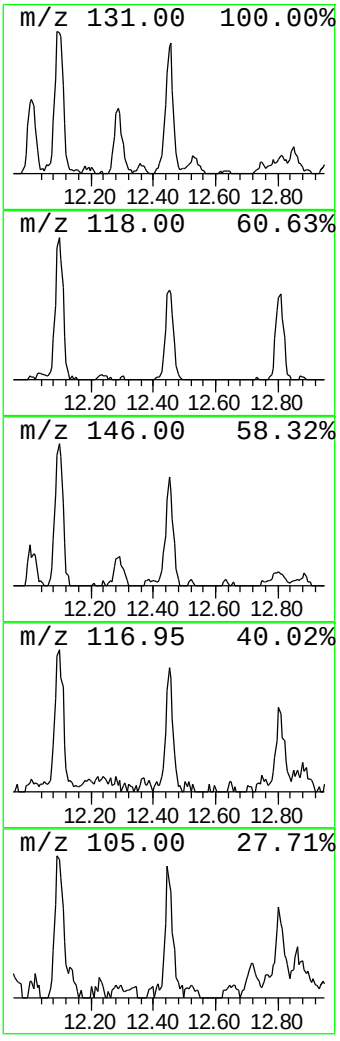
****

Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	3.00 ng	90750	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	70
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	68
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64





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Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

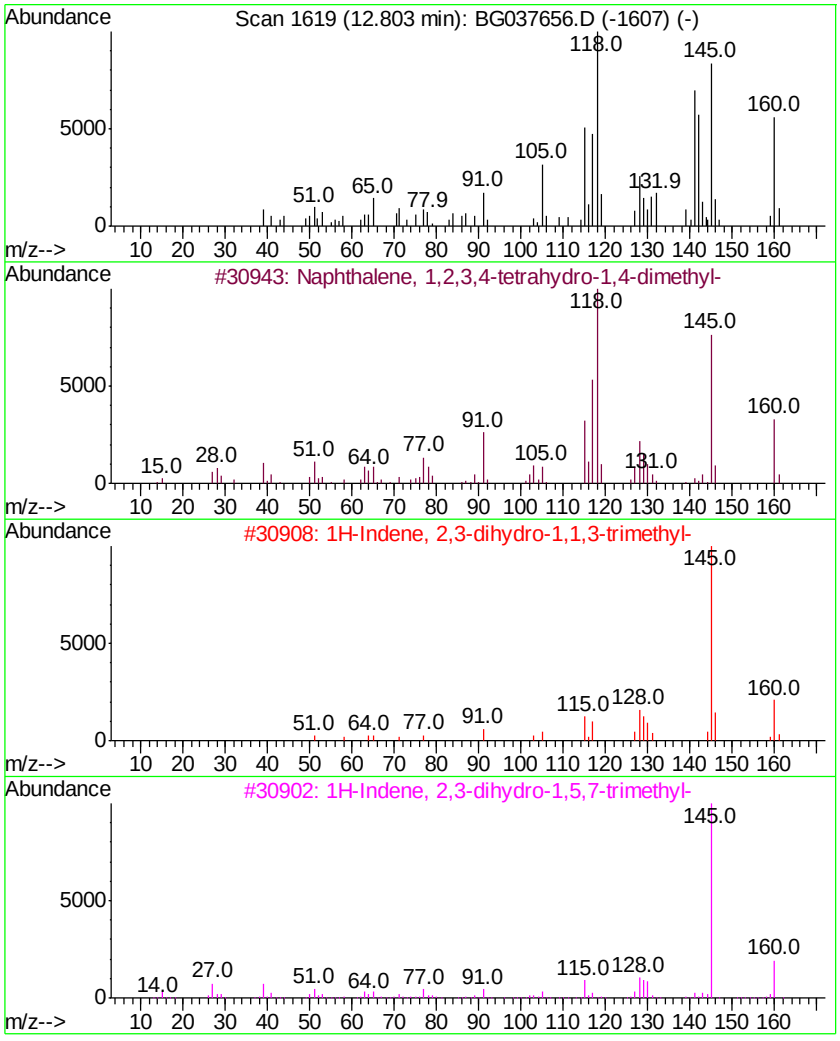
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

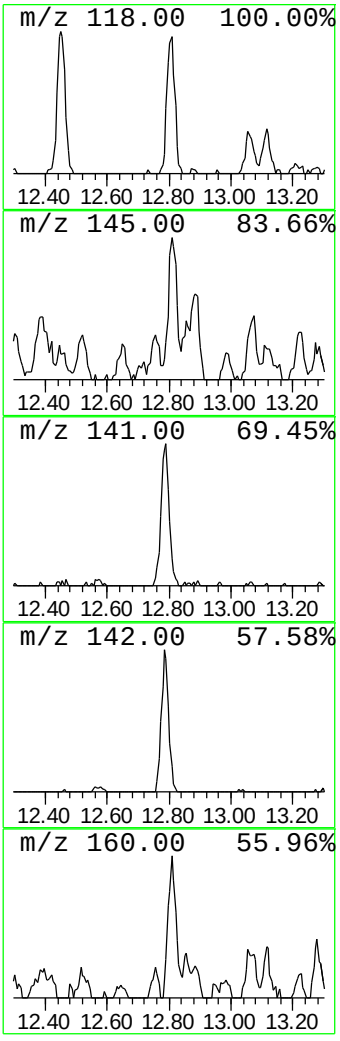
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	4.30 ng	129946	Naphthalene-d8	10.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	92
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	90
3	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	46
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

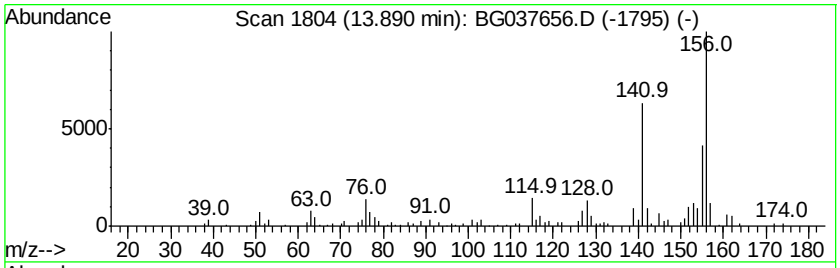
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

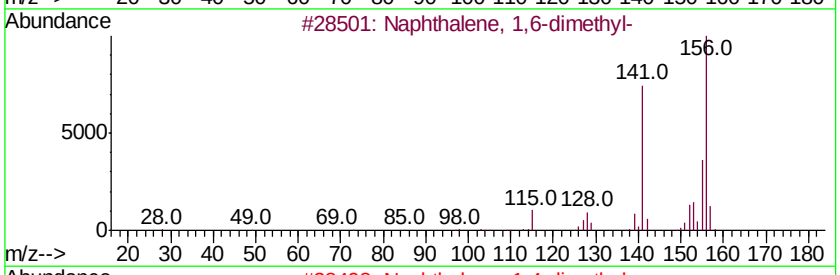
****

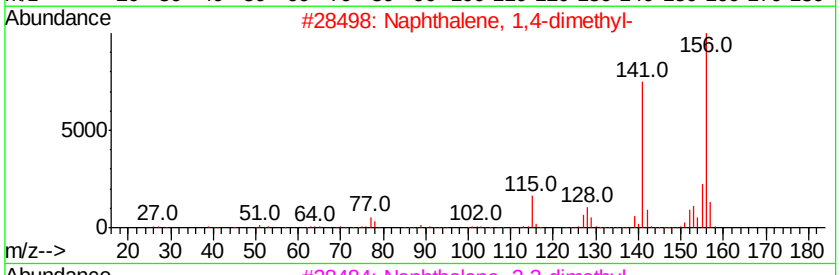
Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 20

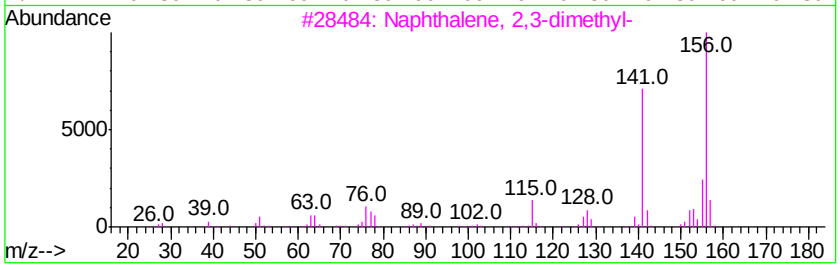
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	2.01 ng	86790	Acenaphthene-d10	14.73

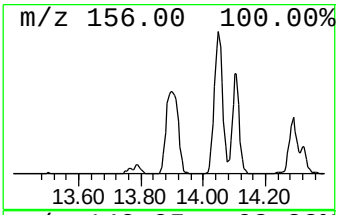
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95

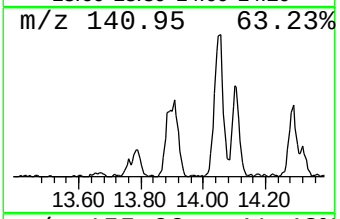


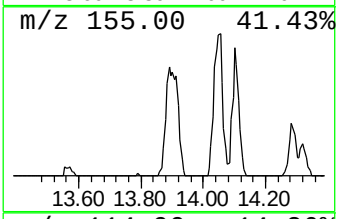


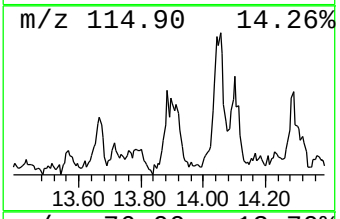


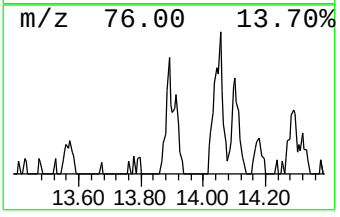












Library Search Compound Report

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Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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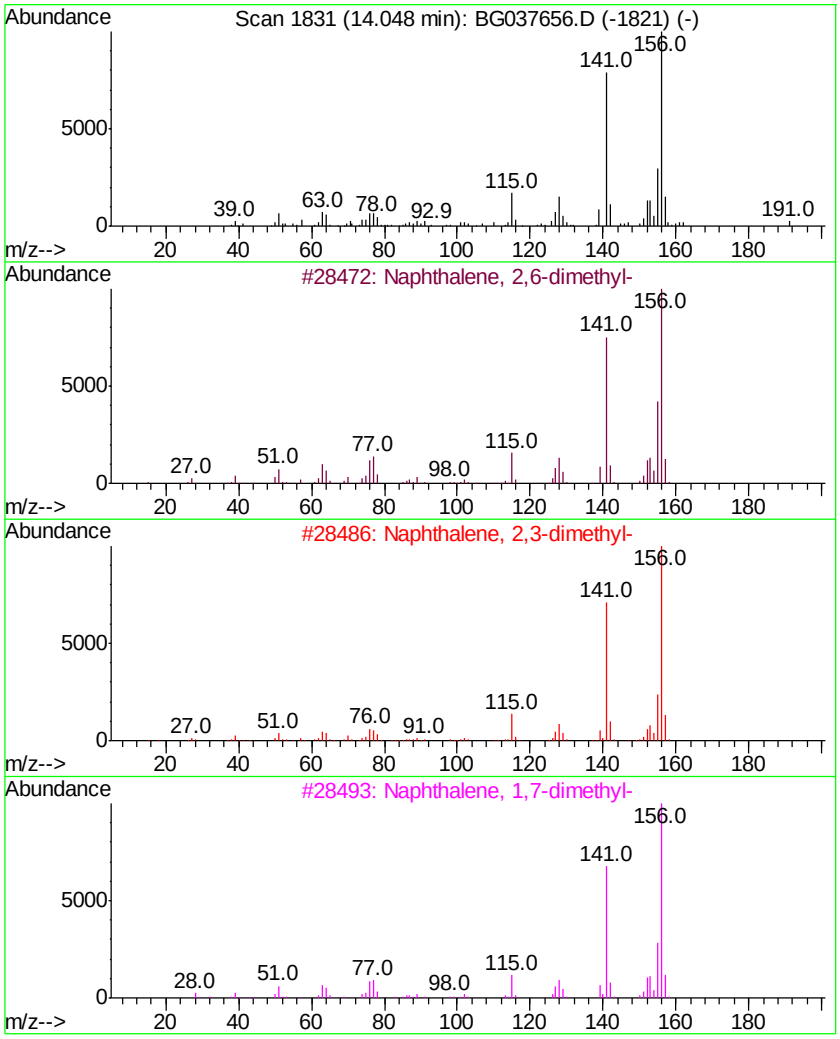
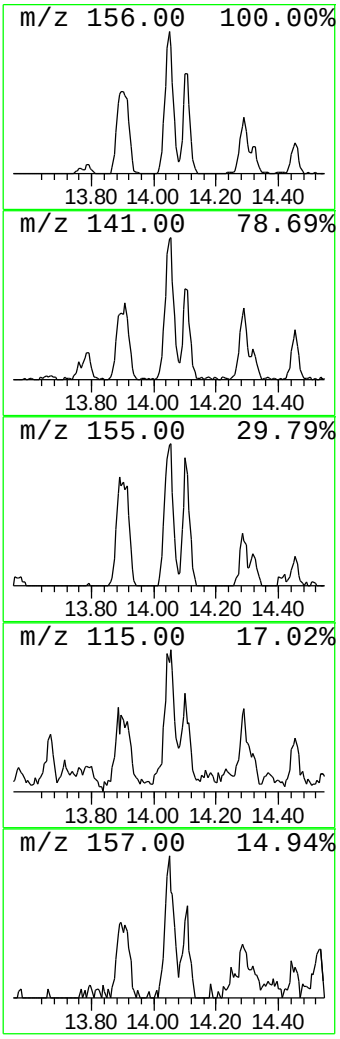
Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	5.38 ng	232141	Acenaphthene-d10	14.73

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





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ClientSampleId : WS-CFA-111C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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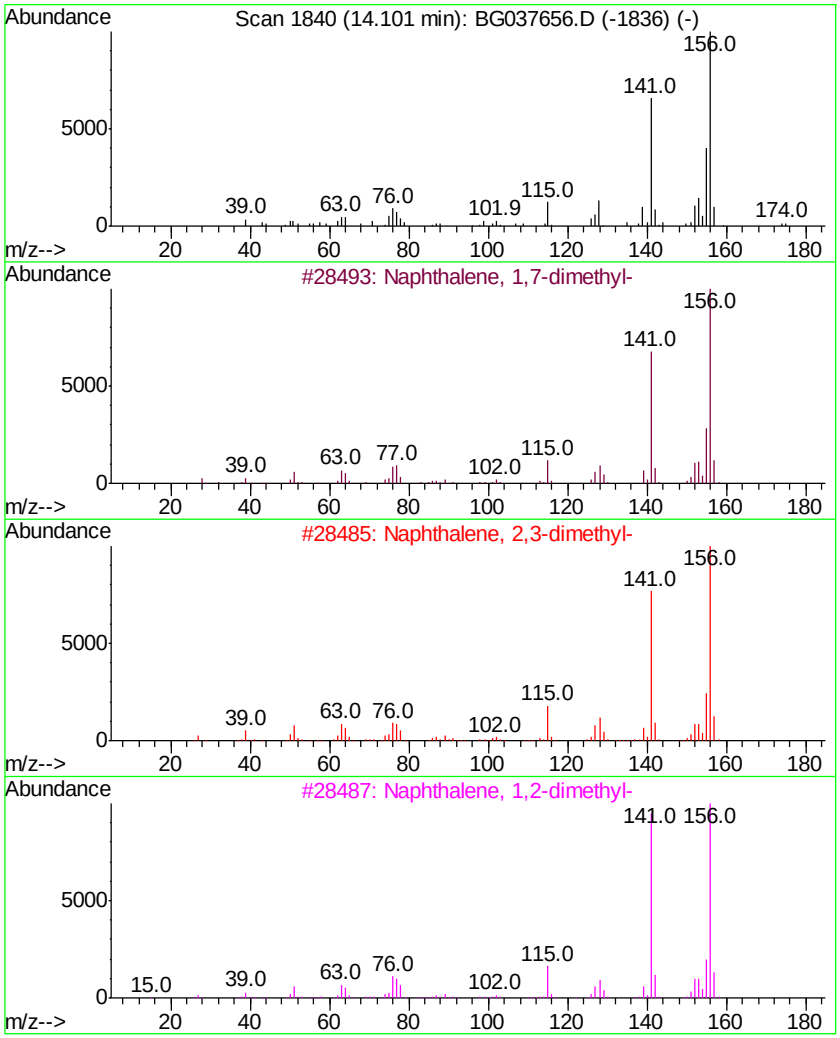
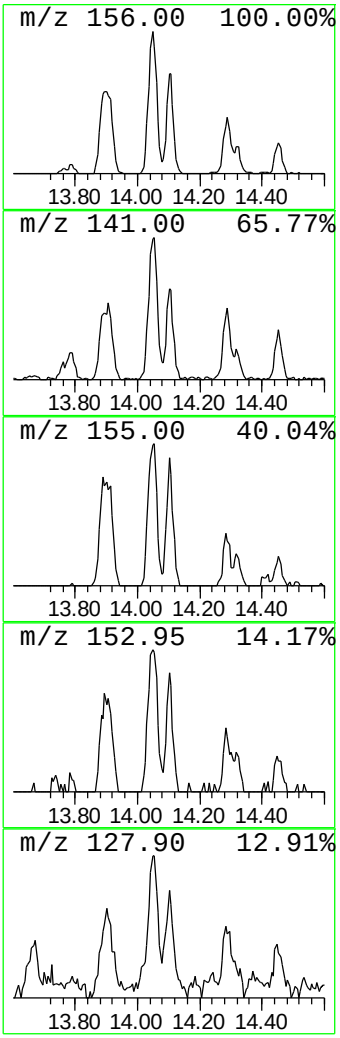
Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	2.86 ng	123405	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93





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Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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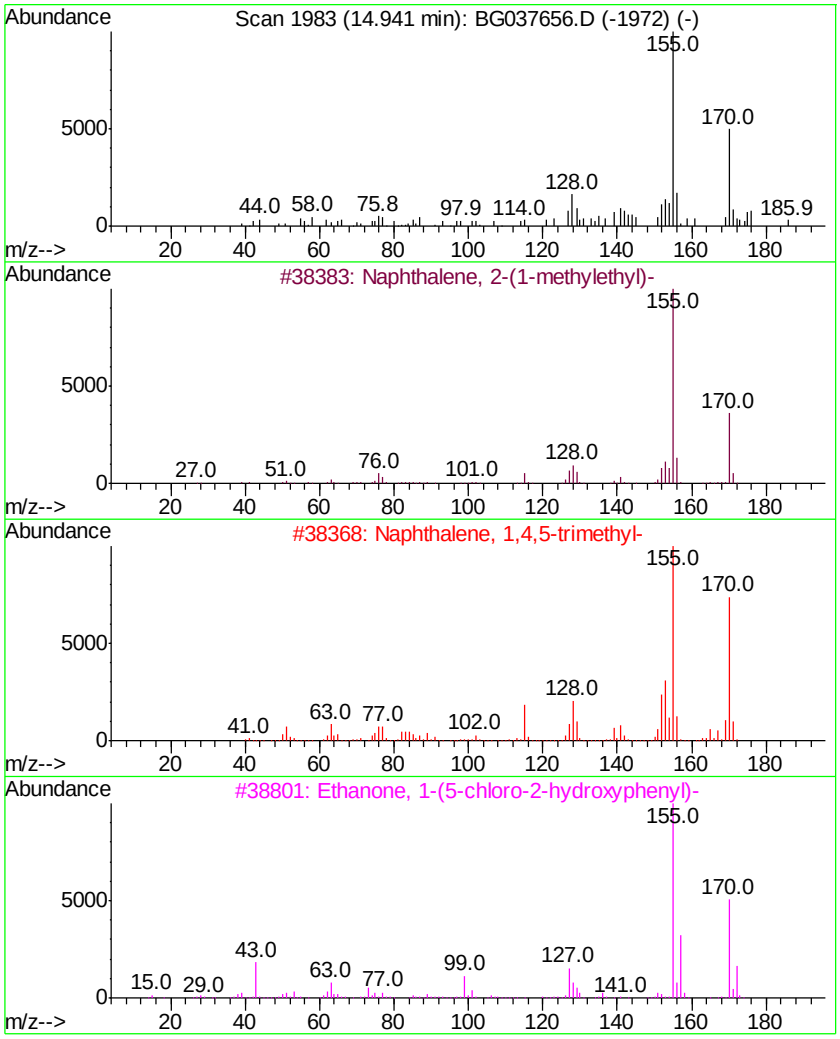
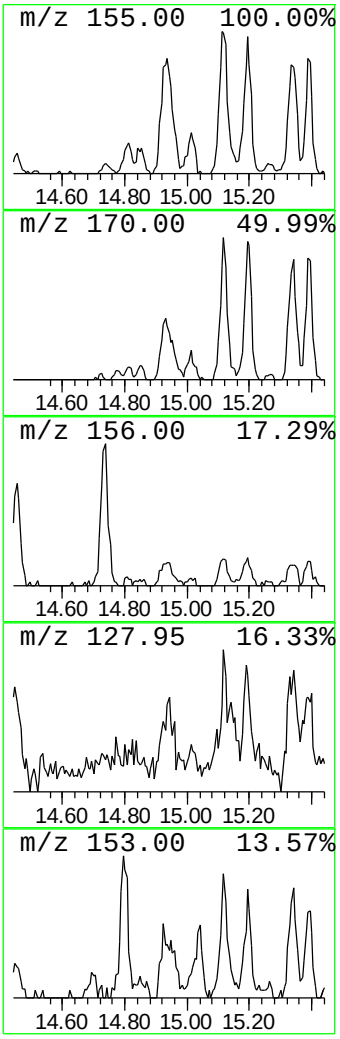
Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	2.04 ng	87922	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	70
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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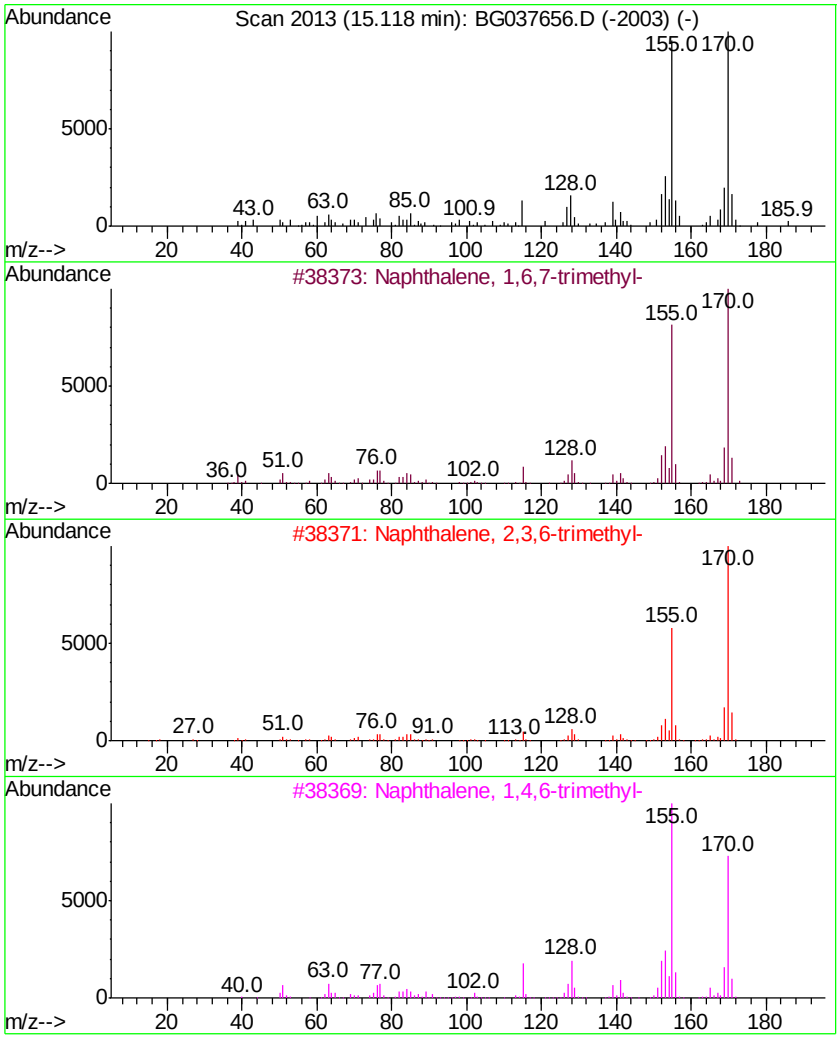
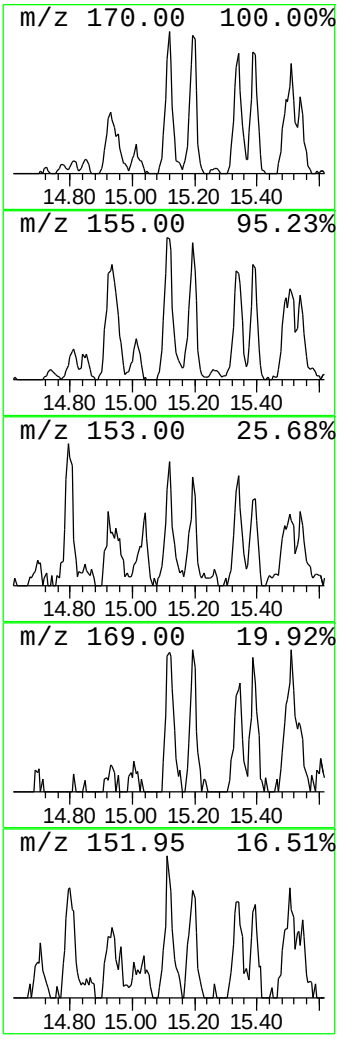
Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.90 ng	125422	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	93





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Misc :
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Instrument : BNA_G
ClientSampleId : WS-CFA-111C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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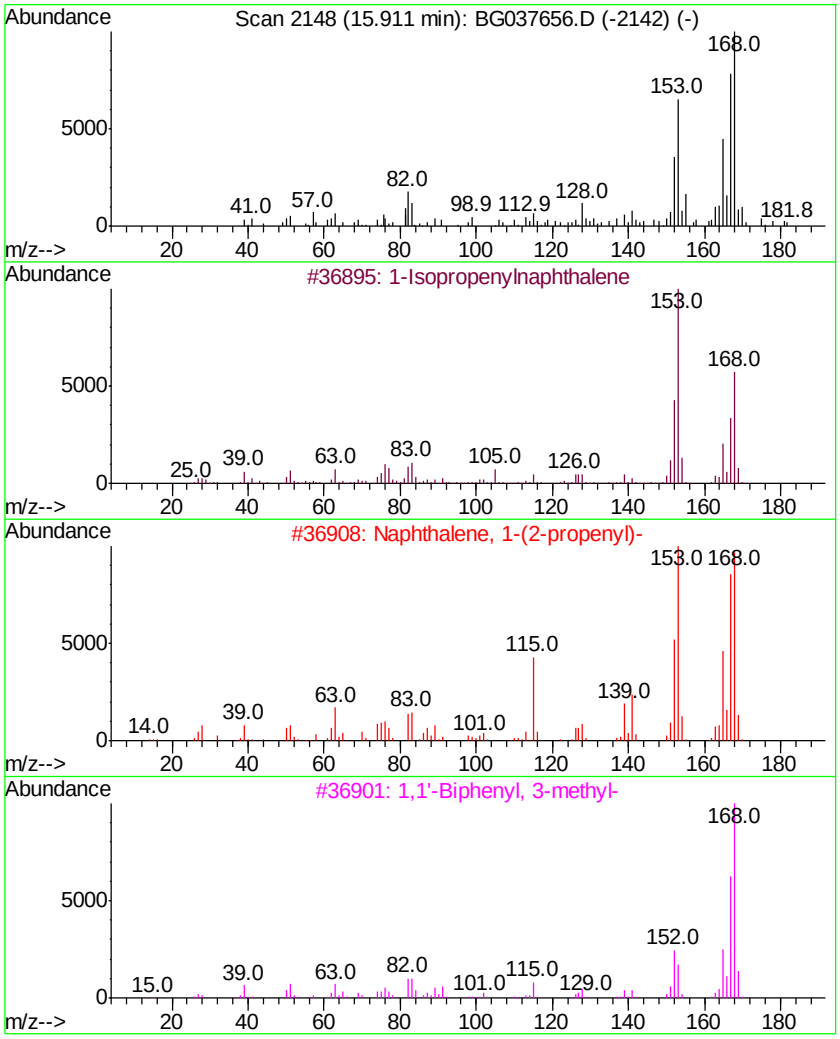
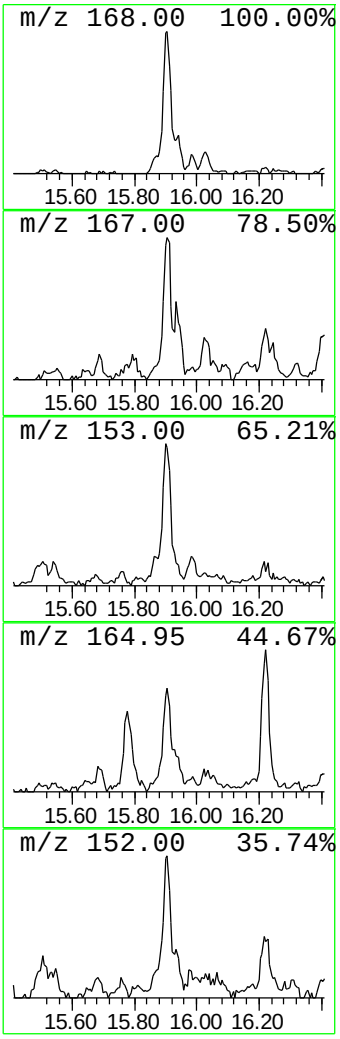
Peak Number 14 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	2.54 ng	109870	Acenaphthene-d10	14.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	62
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50





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Operator : JU/SJ
Sample : J5718-01
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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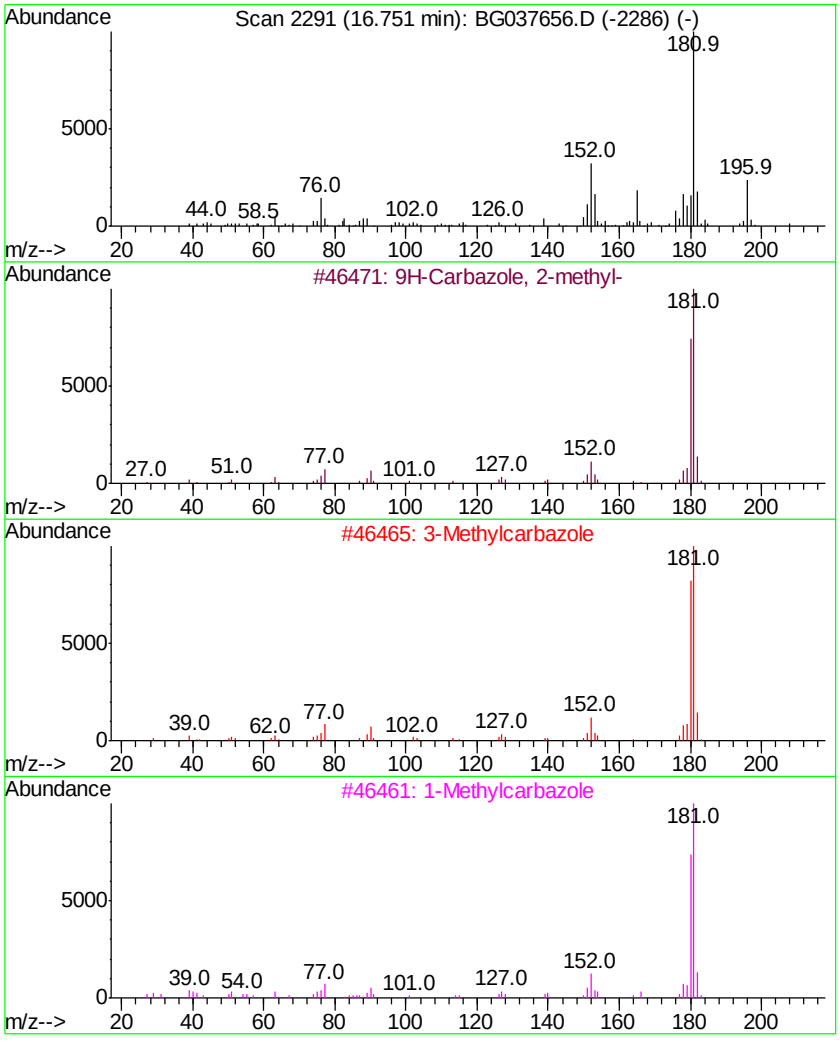
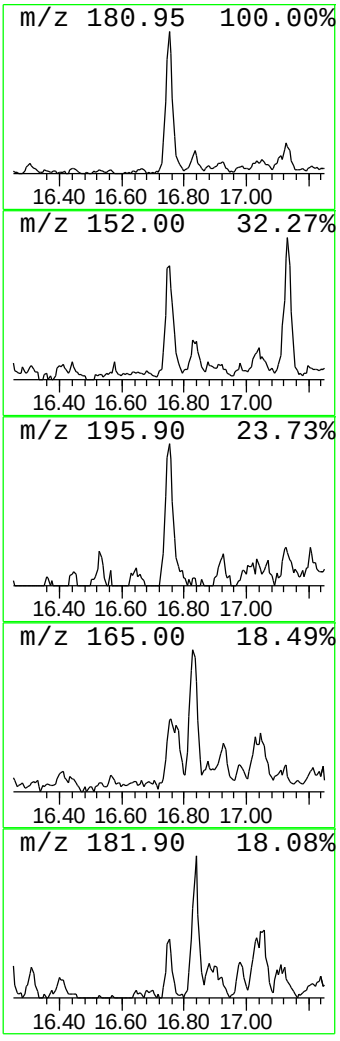
Peak Number 15 9H-Carbazole, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	2.23 ng	120269	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	76
2	3-Methylcarbazole	181	C13H11N	004630-20-0	64
3	1-Methylcarbazole	181	C13H11N	006510-65-2	64
4	2-Fluorenamine	181	C13H11N	000153-78-6	64
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	53





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Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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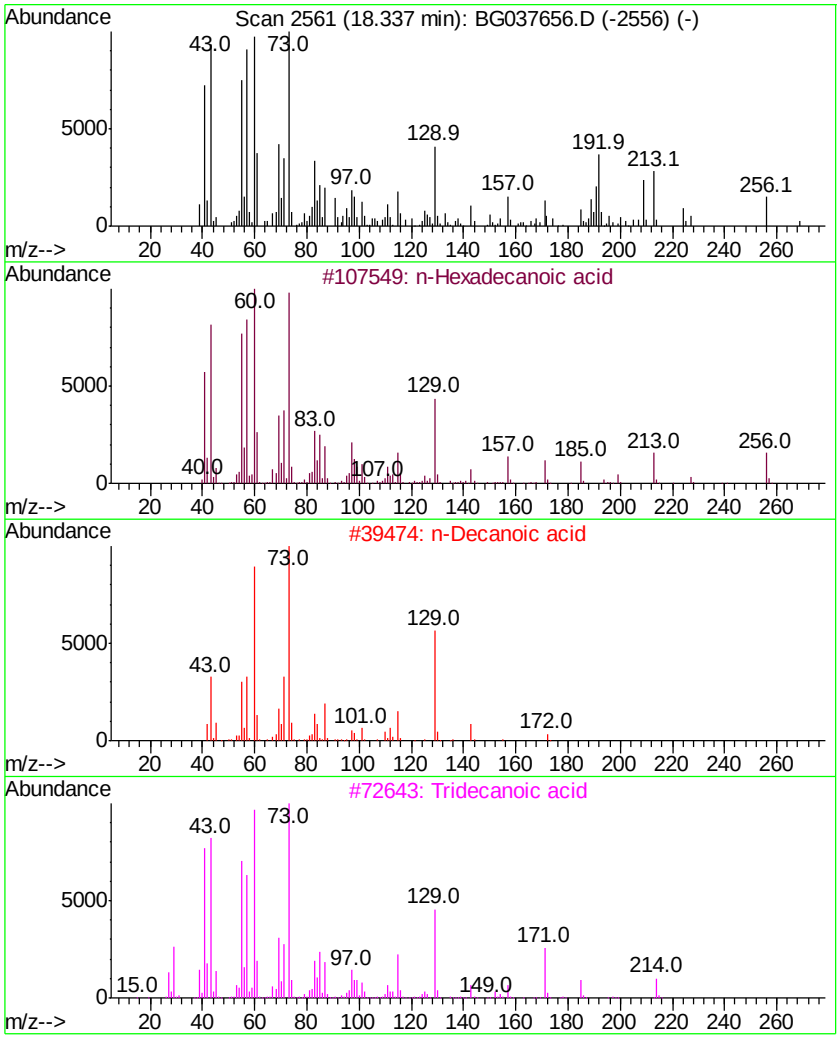
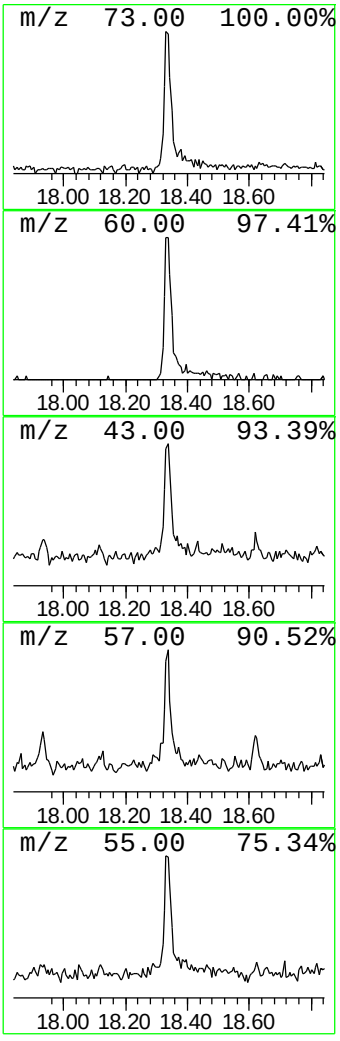
Peak Number 16 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.65 ng	142995	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	55





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Instrument : BNA_G
ClientSampleId : WS-CFA-111C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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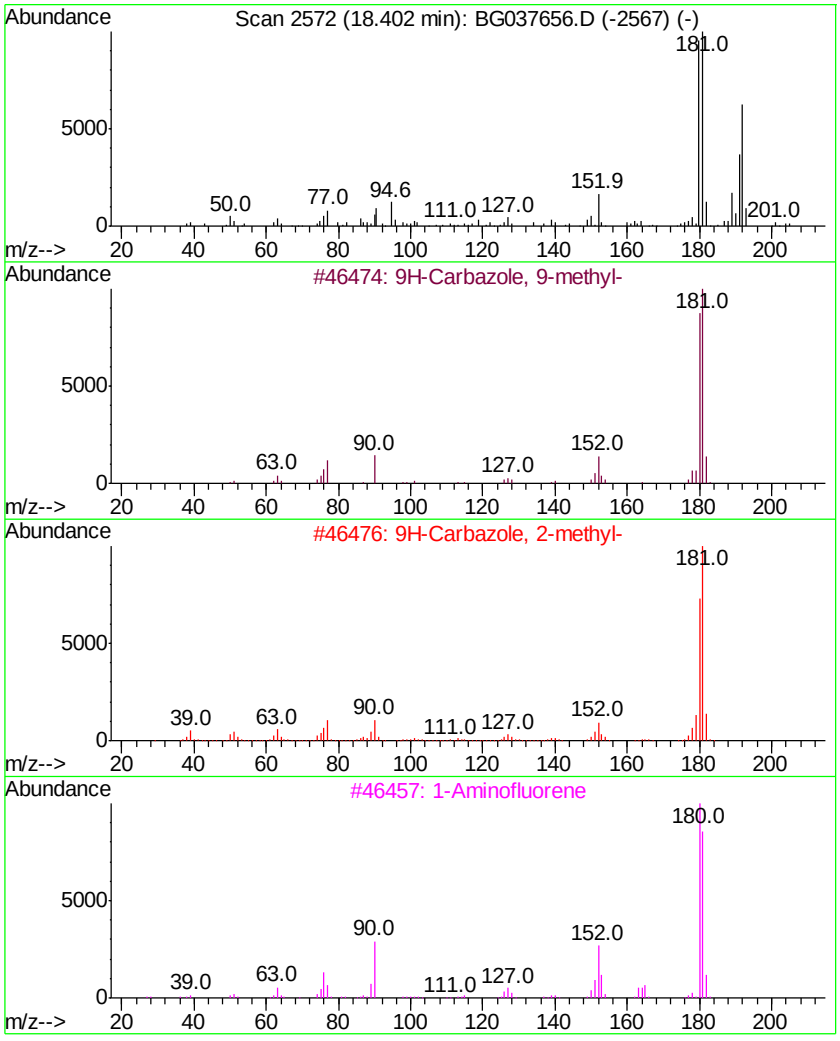
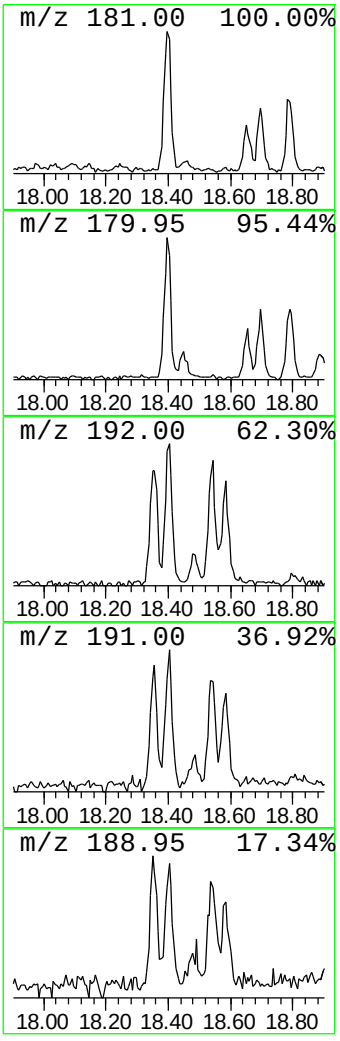
Peak Number 17 9H-Carbazole, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.24 ng	120544	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	86
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	70
3	1-Aminofluorene	181	C13H11N	006344-63-4	70
4	3-Methylcarbazole	181	C13H11N	004630-20-0	64
5	4-Methylcarbazole	181	C13H11N	003770-48-7	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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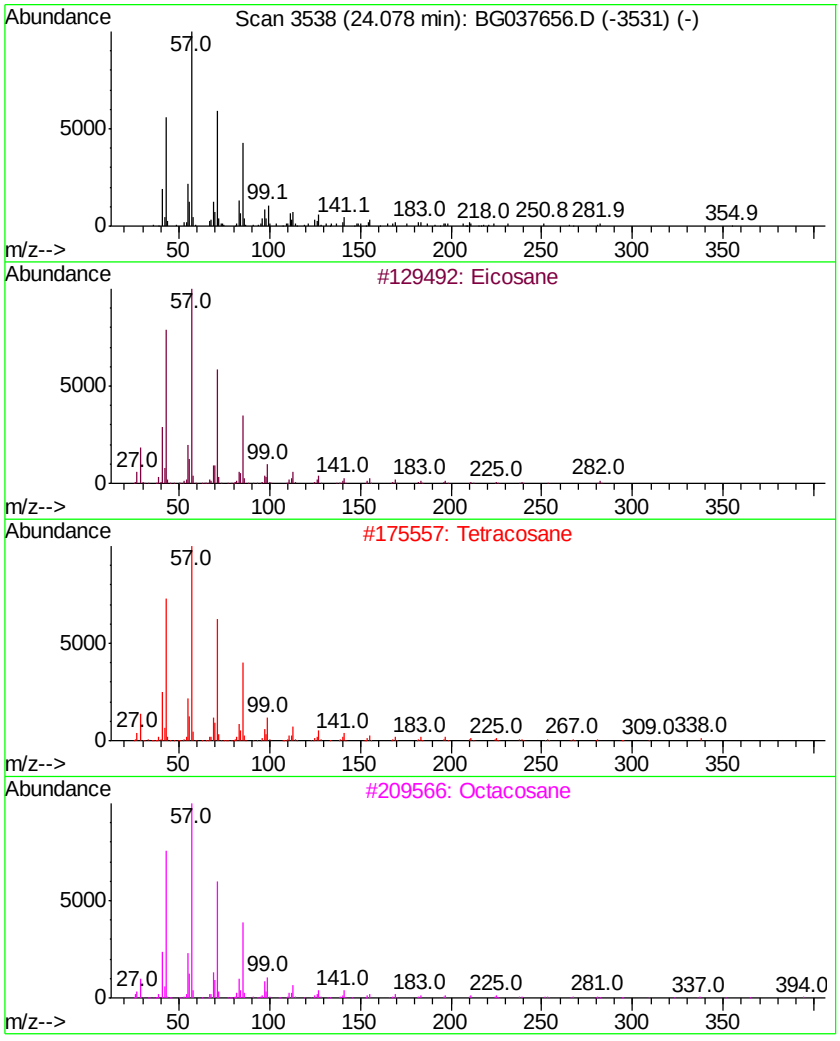
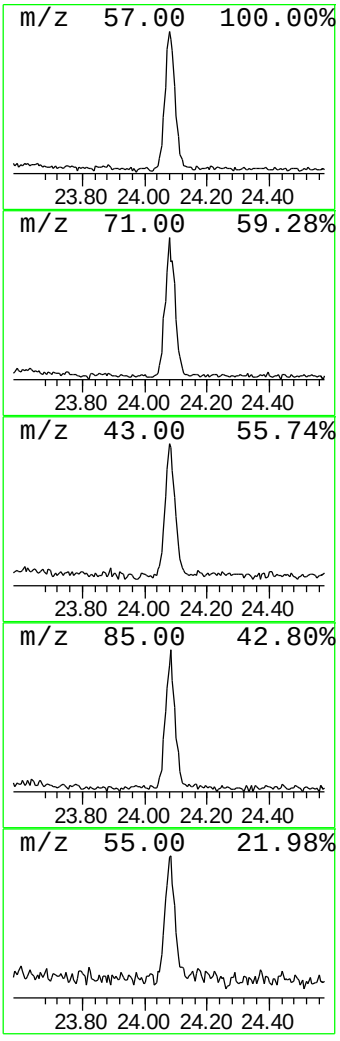
Peak Number 19 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.24 ng	194725	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Heptadecane	240	C17H36	000629-78-7	83





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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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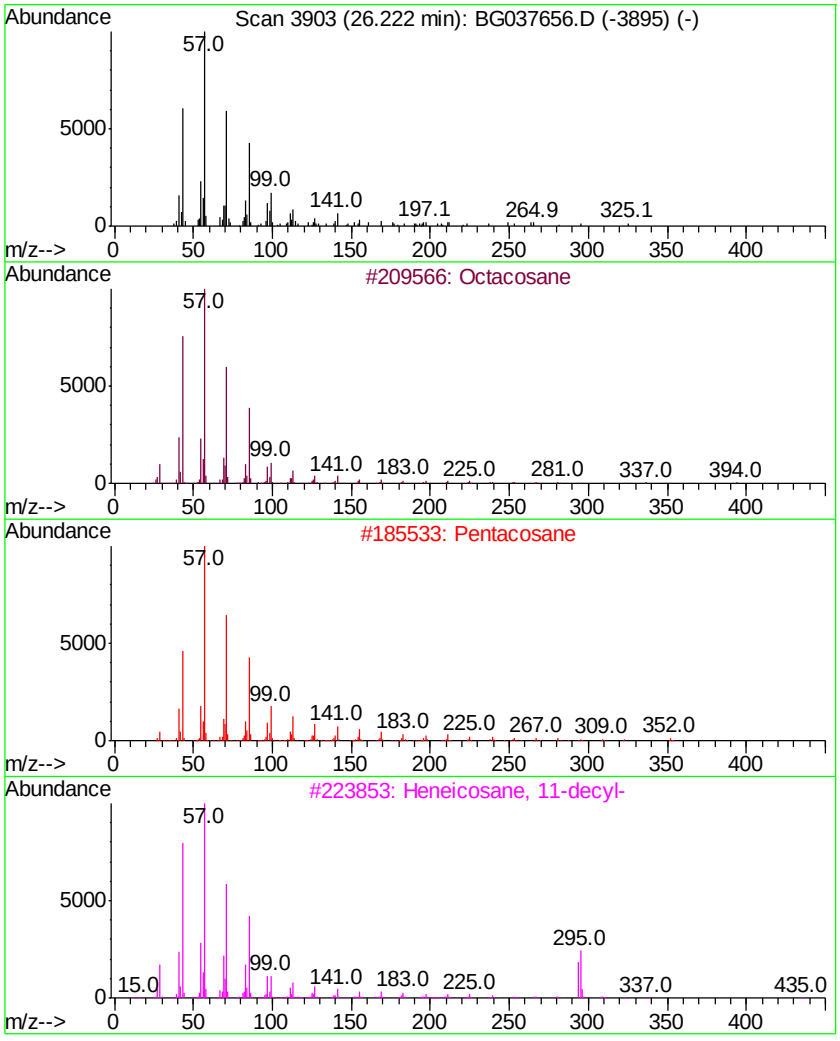
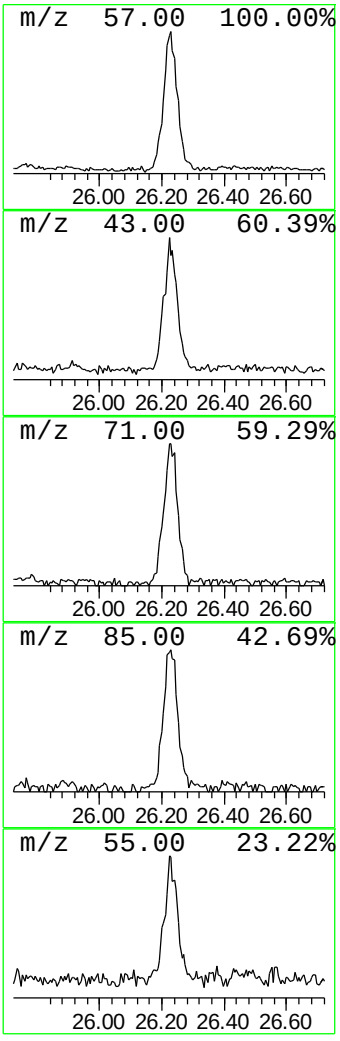
Peak Number 20 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	3.08 ng	185459	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4	Hentriacontane	437	C31H64	000630-04-6	86
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103018\
Data File : BG037656.D
Acq On : 30 Oct 2018 16:40
Operator : JU/SJ
Sample : J5718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WS-CFA-111C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.63	7.63	72.4	ng	1338930	1	8.10	369839	20.0
Mesitylene	8.20	2.2	ng	40619	1	8.10	369839	20.0
1H-Indene, 2,3-di...	10.30	2.6	ng	77246	2	10.92	604437	20.0
Naphthalene, 1,2,...	12.10	4.3	ng	130403	2	10.92	604437	20.0
Naphthalene, 1,2,...	12.45	3.0	ng	90750	2	10.92	604437	20.0
Naphthalene, 1,2,...	12.80	4.3	ng	129946	2	10.92	604437	20.0
Naphthalene, 1,6-...	13.89	2.0	ng	86790	3	14.73	863741	20.0
Naphthalene, 2,6-...	14.05	5.4	ng	232141	3	14.73	863741	20.0
Naphthalene, 1,7-...	14.10	2.9	ng	123405	3	14.73	863741	20.0
Naphthalene, 2-(1...	14.94	2.0	ng	87922	3	14.73	863741	20.0
Naphthalene, 1,6,...	15.12	2.9	ng	125422	3	14.73	863741	20.0
1-Isopropenylnaph...	15.91	2.5	ng	109870	3	14.73	863741	20.0
9H-Carbazole, 2-m...	16.75	2.2	ng	120269	4	17.48	1077410	20.0
n-Hexadecanoic acid	18.34	2.6	ng	142995	4	17.48	1077410	20.0
9H-Carbazole, 9-m...	18.40	2.2	ng	120544	4	17.48	1077410	20.0
Eicosane	24.08	3.2	ng	194725	6	25.10	1203190	20.0
Octacosane	26.22	3.1	ng	185459	6	25.10	1203190	20.0