LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

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:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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	6.172	482	491	501	rBV	1011023	1761492	34.04%	3.861%
2	7.852	768	777	789	rBV	972227	1854124	35.83%	4.064%
3	8.258	837	846	855	rBV	1103120	2055589	39.73%	4.506%
4	8.746	922	929	935	rBV	204020	372002	7.19%	0.815%
5	9.080	978	986	995	rVB	1006147	1841922	35.60%	4.037%
6	9.944	1124	1133	1144	rVB	638954	1305620	25.23%	2.862%
7	11.548	1401	1406	1413	rBV	100328	194196	3.75%	0.426%
8	11.625	1413	1419	1424	rVV	275151	548821	10.61%	1.203%
9	11.677	1424	1428	1434	rVV	173346	328481	6.35%	0.720%
10	11.736	1434	1438	1446	rVB3	84809	160007	3.09%	0.351%
11	12.294	1529	1533	1536	rBV2	107397	167636	3.24%	0.367%
12	12.400	1547	1551	1559	rVB7	71262	144047	2.78%	0.316%
13	12.476	1559	1564	1566	rBV	104731	152588	2.95%	0.334%
14	12.512	1566	1570	1575	rVB	108784	189768	3.67%	0.416%
15	12.570	1576	1580	1586	rBV	129402	215681	4.17%	0.473%
16	12.694	1597	1601	1608	rVB	104963	189366	3.66%	0.415%
17	12.782	1611	1616	1621	rBV3	87052	166124	3.21%	0.364%
18	12.899	1630	1636	1641	rBV2	146182	274271	5.30%	0.601%
19	12.958	1642	1646	1655	rVB4	251325	416352	8.05%	0.913%
20	13.035	1655	1659	1663	rBV5	64323	126894	2.45%	0.278%
21	13.158	1676	1680	1688	rVB7	92207	219039	4.23%	0.480%
22	13.246	1688	1695	1702	rVB	1508569	2615034	50.54%	5.732%
23	13.311	1702	1706	1712	rVB3	88430	129531	2.50%	0.284%
24	13.458	1725	1731	1739	rBV	709909	1352657	26.14%	2.965%
25	13.575	1747	1751	1754	rBV	171776	291781	5.64%	0.640%
26	13.681	1766	1769	1773	rVB	121786	150784	2.91%	0.331%
27	13.751	1777	1781	1790	rVB3	189330	367393	7.10%	0.805%
28	13.840	1791	1796	1800	rBV2	269436	428458	8.28%	0.939%
29	13.887	1801	1804	1811	rVB3	120964	207899	4.02%	0.456%
30	14.010	1818	1825	1834	rBV	2133607	3529299	68.21%	7.736%
31	14.169	1847	1852	1858	rBV2	509800	926311	17.90%	2.030%
32	14.327	1876	1879	1884	rVB4	260518	397135	7.68%	0.870%
33	14.409	1890	1893	1898	rVB3	290212	463021	8.95%	1.015%
34	14.551	1912	1917	1925	rVB4	329619	821084	15.87%	1.800%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

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:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.697	1938	1942	1946	rBV4	432903	675280	13.05%	1.480%
36	14.809	1956	1961	1967	rBV4	686101	1500209	28.99%	3.288%
37	14.862	1967	1970	1976	rVB3	300483	471448	9.11%	1.033%
38	14.938	1978	1983	1987	rVB3	594584	993377	19.20%	2.177%
39	15.373	2054	2057	2065	rVB2	1662911	3148586	60.85%	6.901%
40	16.172	2190	2193	2199	rVB3	1169855	1788392	34.56%	3.920%
41	16.871	2309	2312	2319	rBV3	1473340	2207307	42.66%	4.838%
42	17.077	2344	2347	2353	rVB	2652185	3960316	76.54%	8.681%
43	20.673	2956	2959	2964	rVB	3891201	5174319	100.00%	11.342%
44	26.160	3882	3893	3906	rVB2	406903	1338607	25.87%	2.934%

Sum of corrected areas: 45622248

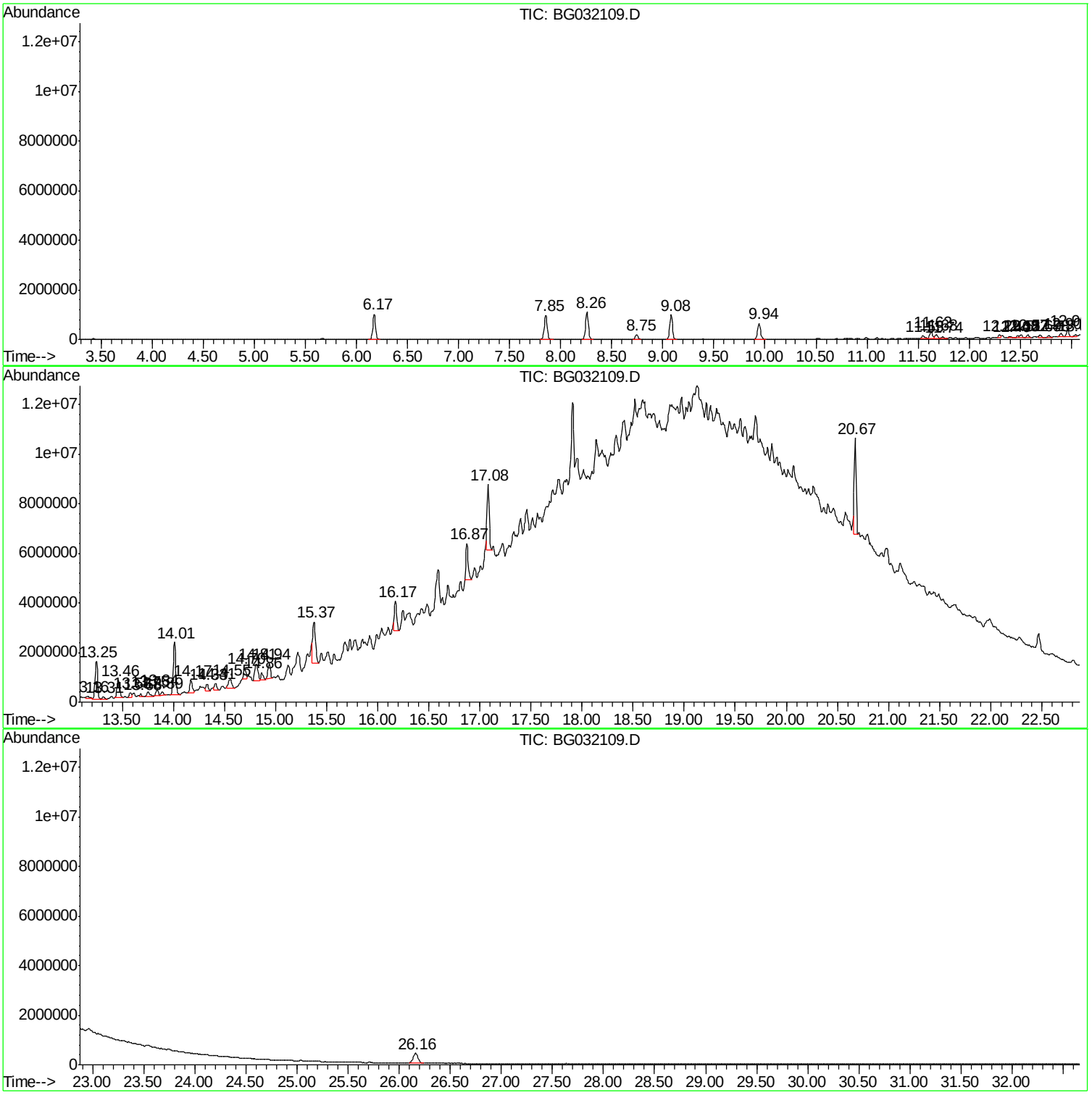
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

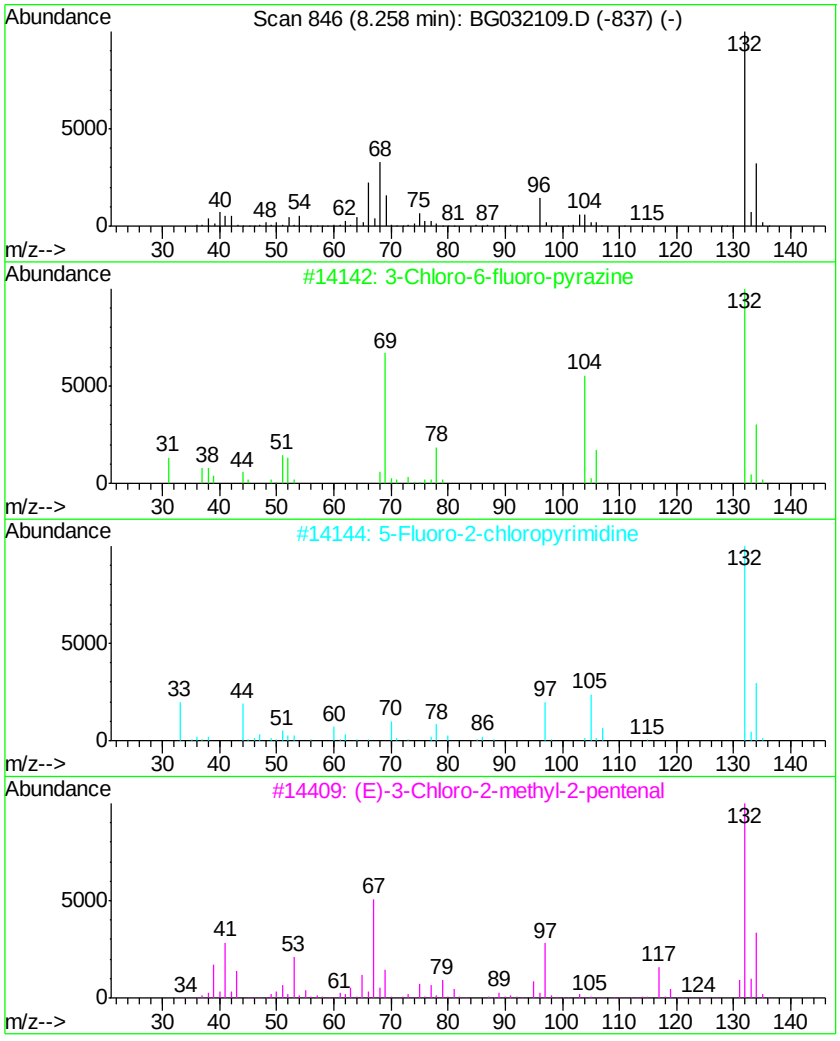
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

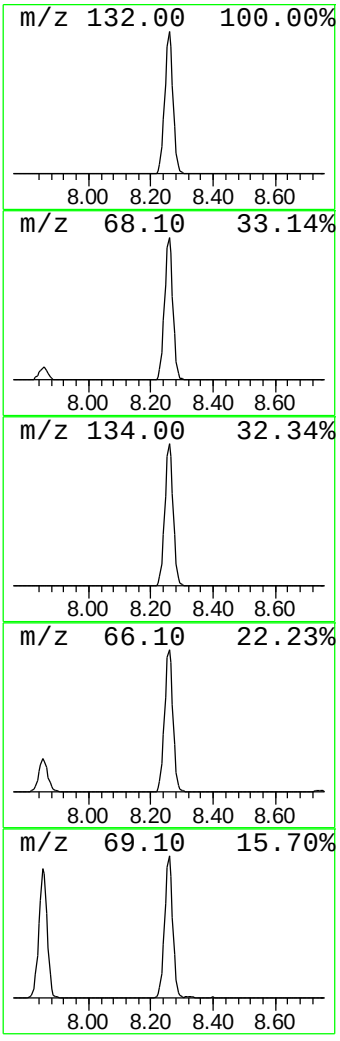
****

Peak Number 1 unknown8.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	110.52 ng	2055590	1,4-Dichlorobenzene-d4	8.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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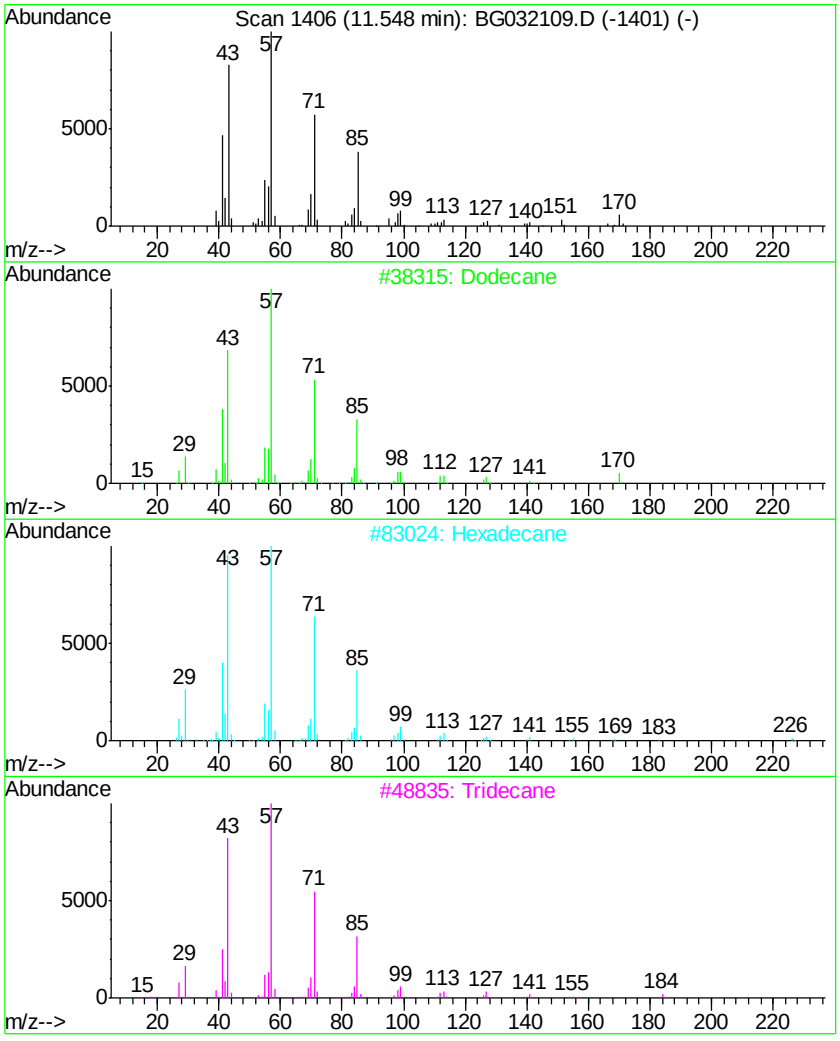
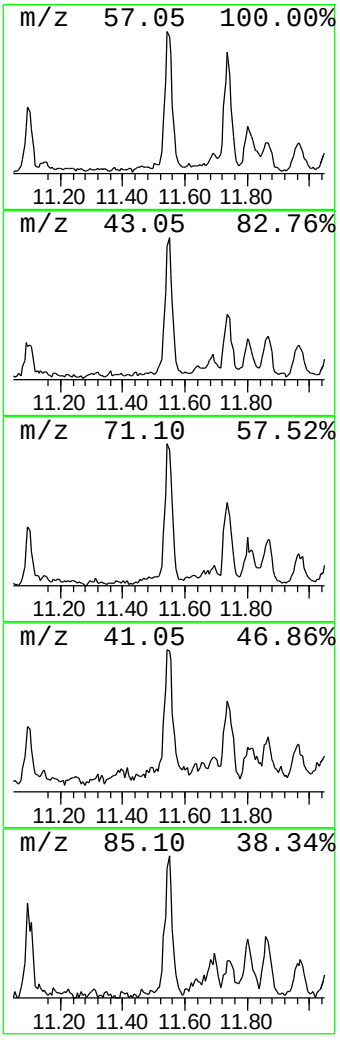
Peak Number 3 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	7.08 ng	194196	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tridecane	184	C13H28	000629-50-5	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

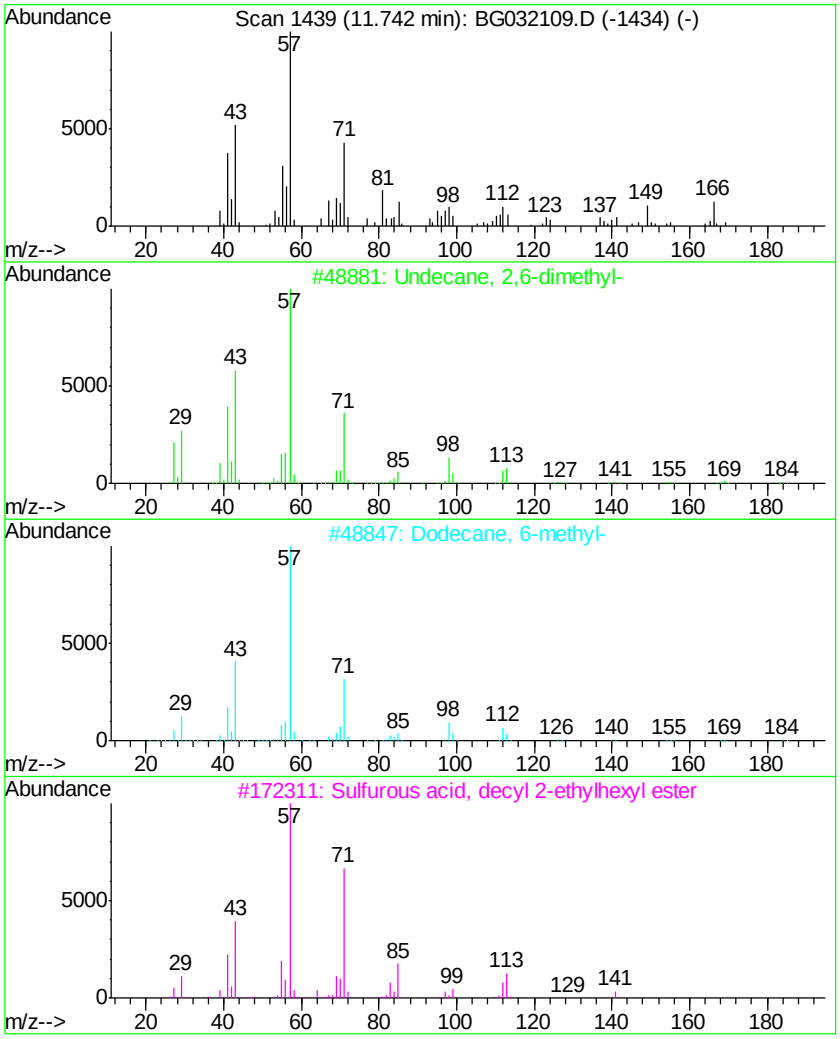
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

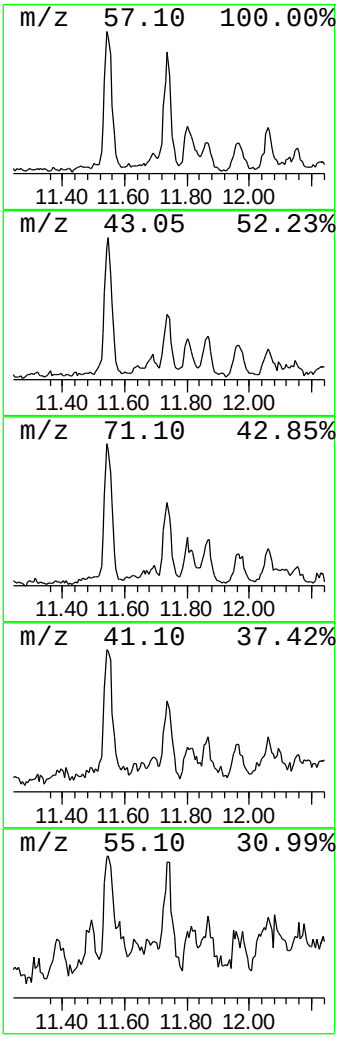
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.83 ng	160007	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	59
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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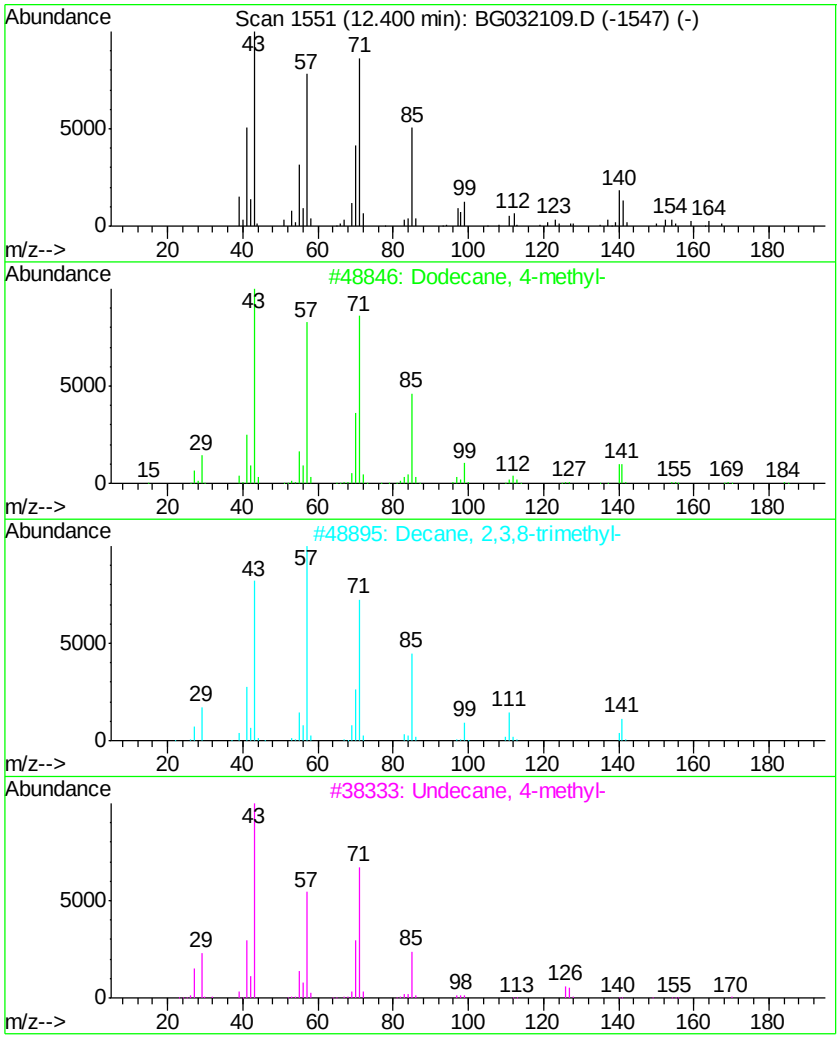
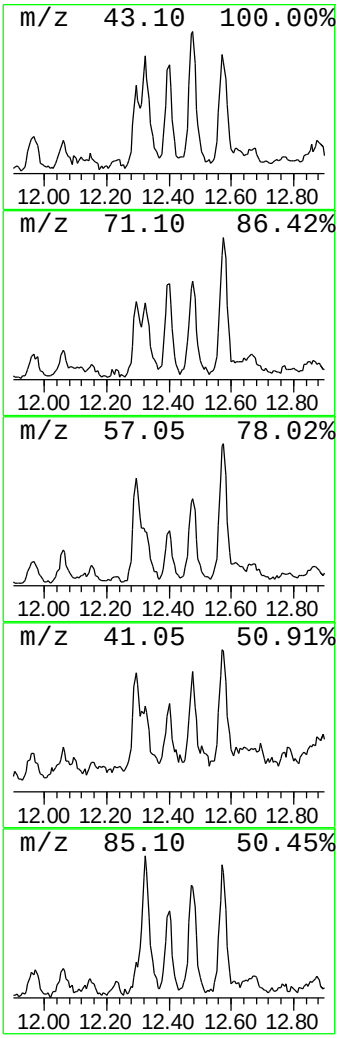
Peak Number 6 Dodecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.25 ng	144047	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
2	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
3	Undecane, 4-methyl-	170	C12H26	002980-69-0	53
4	Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	53
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

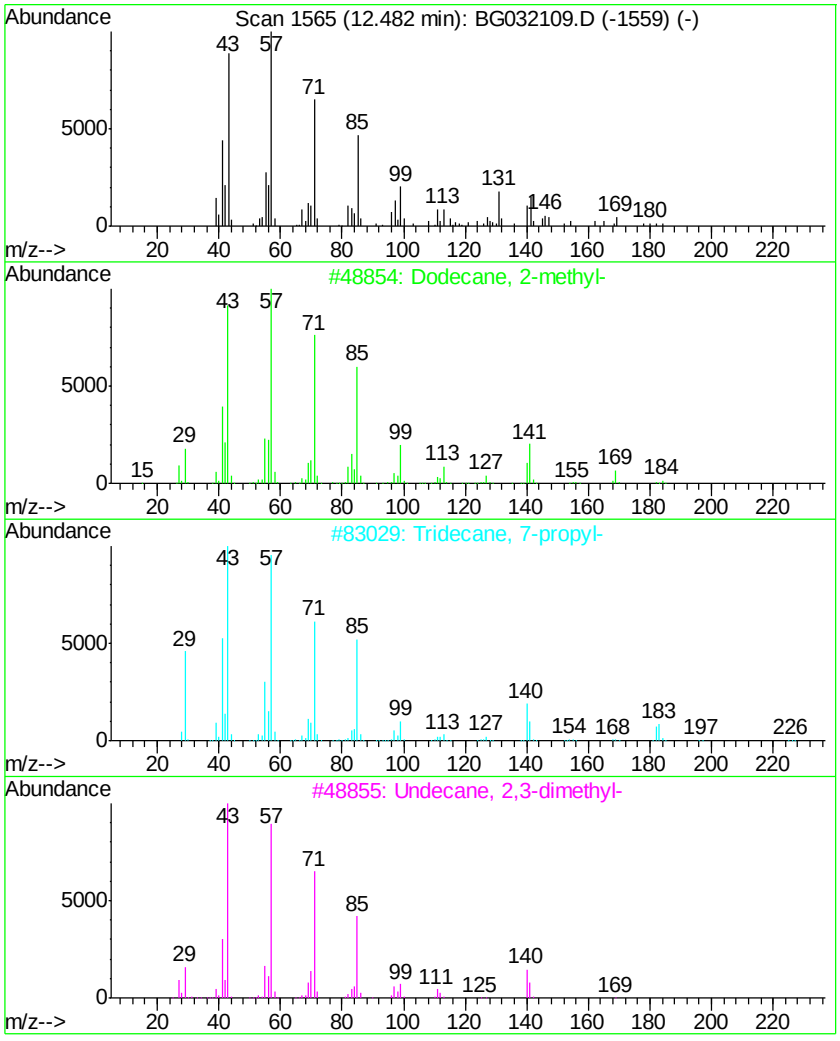
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

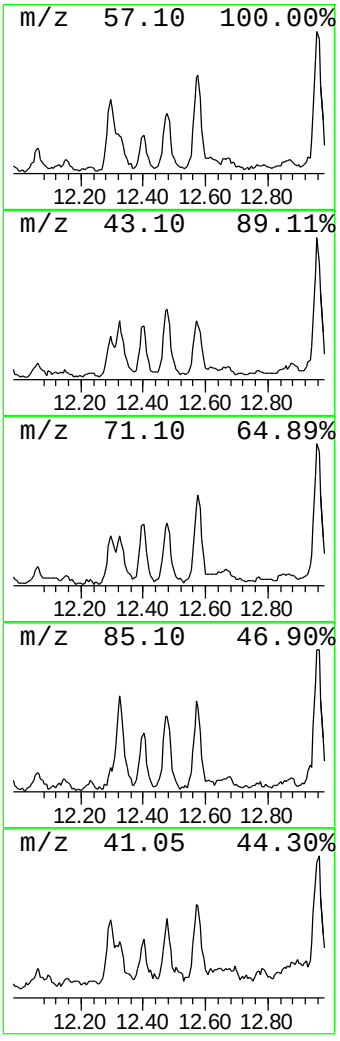
****

Peak Number 7 Dodecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	5.56 ng	152588	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	64
4	4,4-Dipropylheptane	184	C13H28	017312-72-0	64
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.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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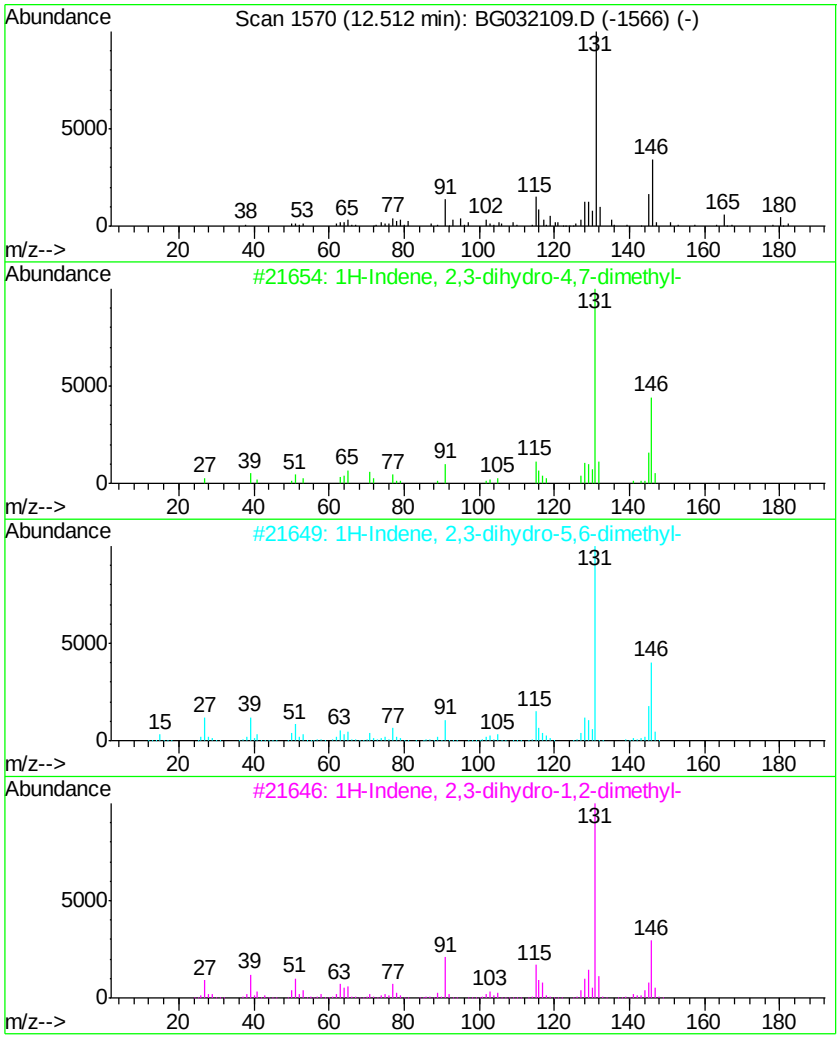
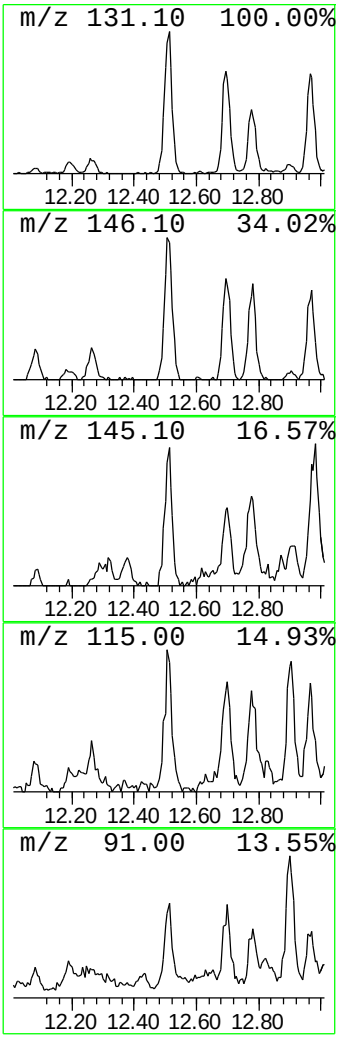
Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	6.92 ng	189768	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
2	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90
4	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

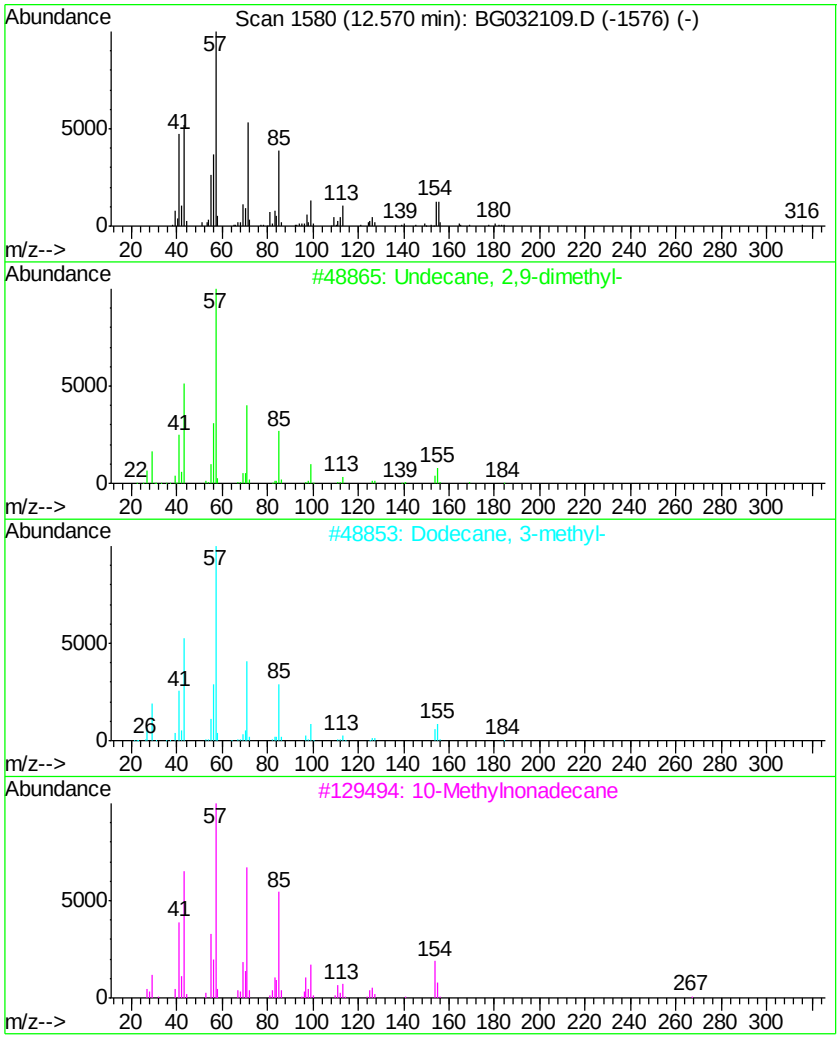
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

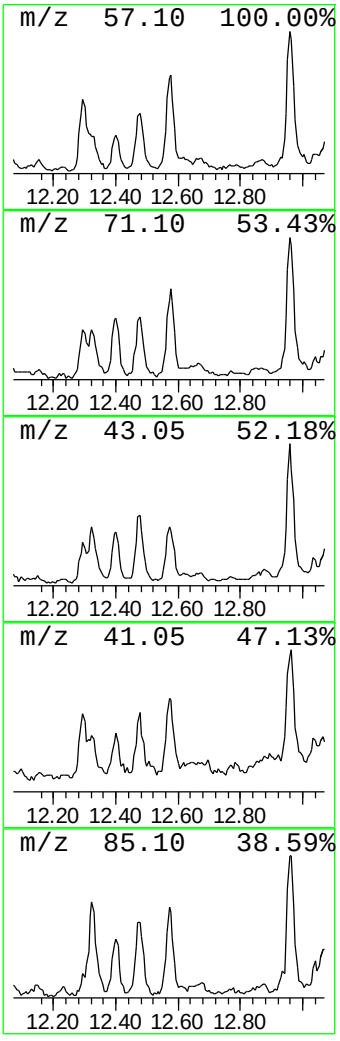
****

Peak Number 9 Undecane, 2,9-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	7.86 ng	215681	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	86
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	78
3	10-Methylnonadecane	282	C20H42	056862-62-5	74
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011718\
Data File : BG032109.D
Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

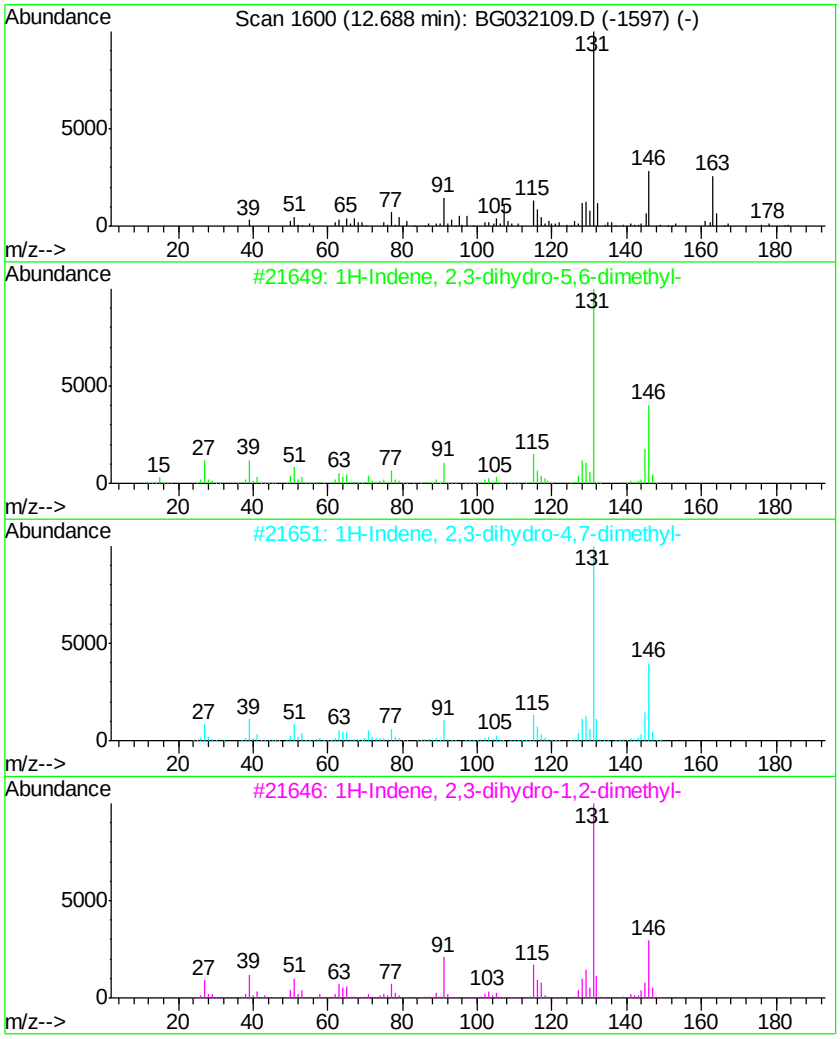
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

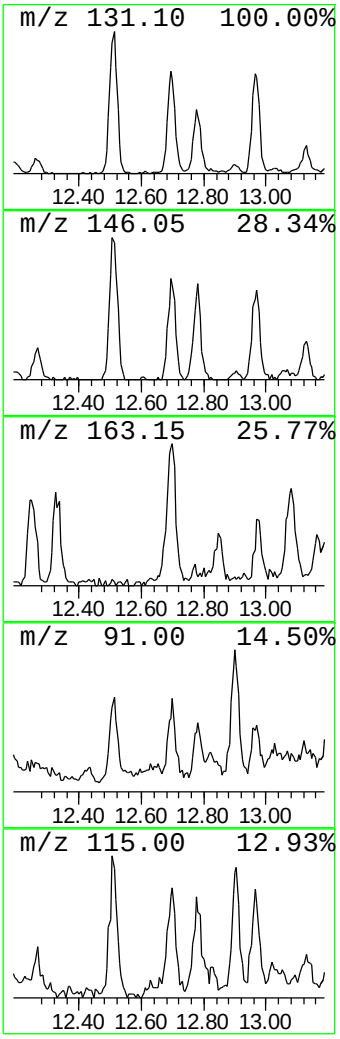
****

Peak Number 10 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	6.90 ng	189366	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	86
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	81
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	74





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Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

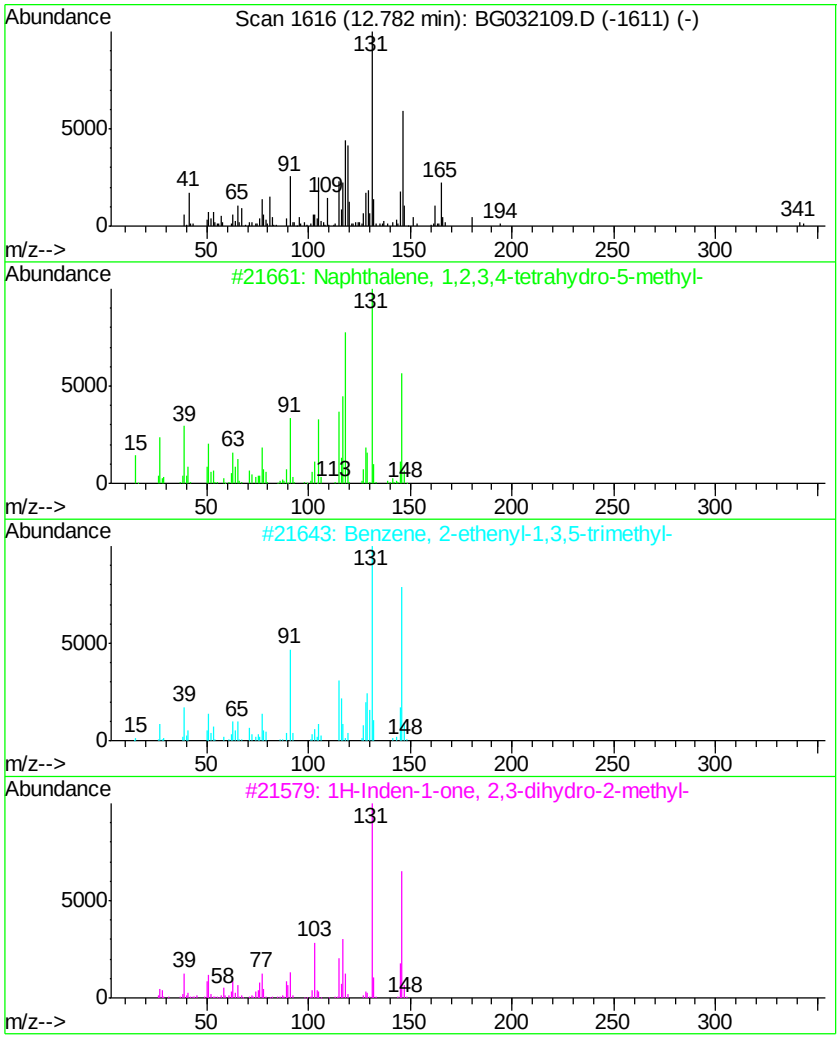
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

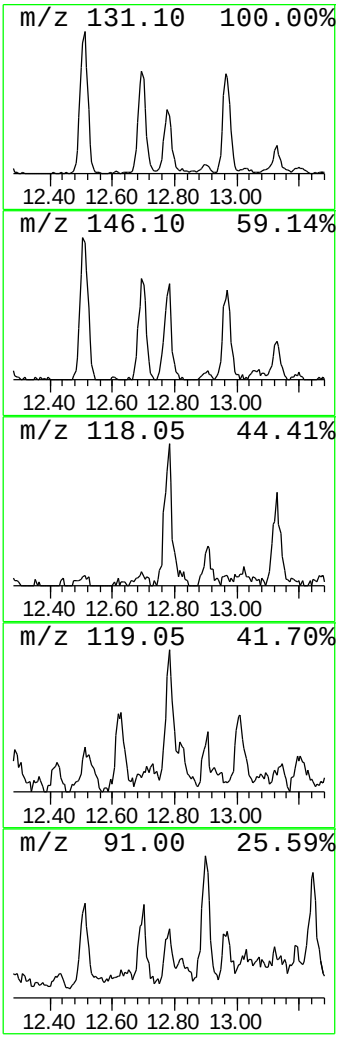
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	6.05 ng	166124	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	76
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

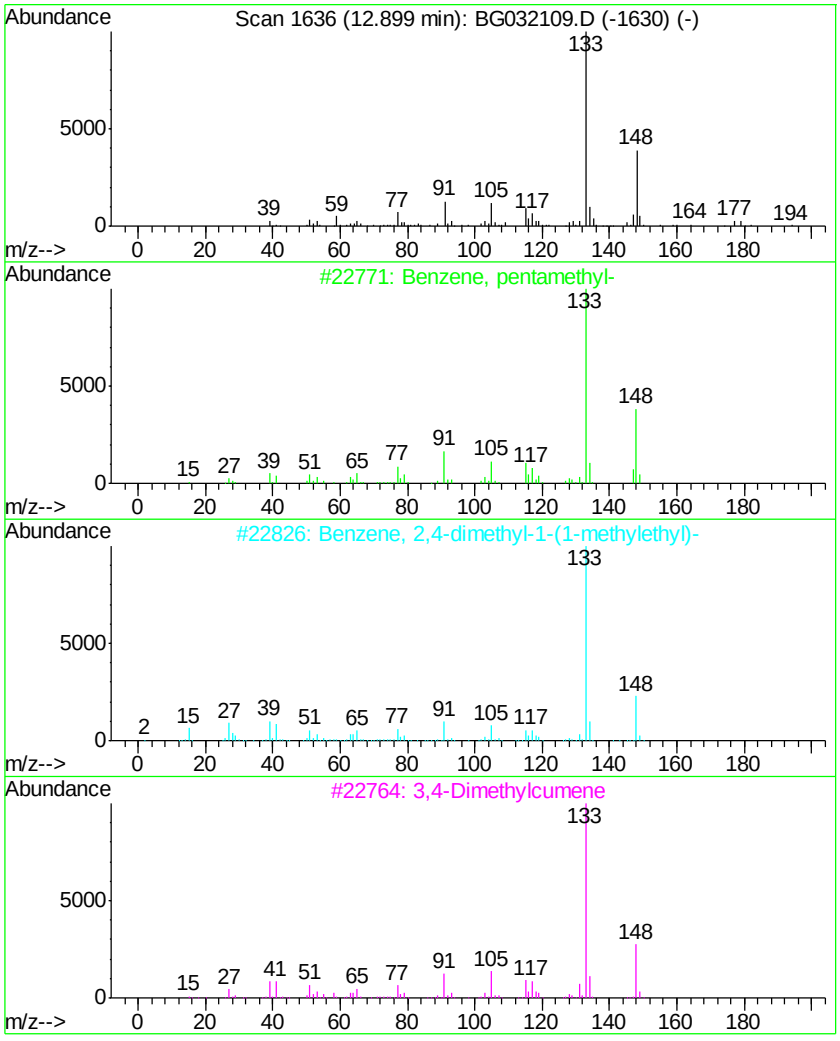
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

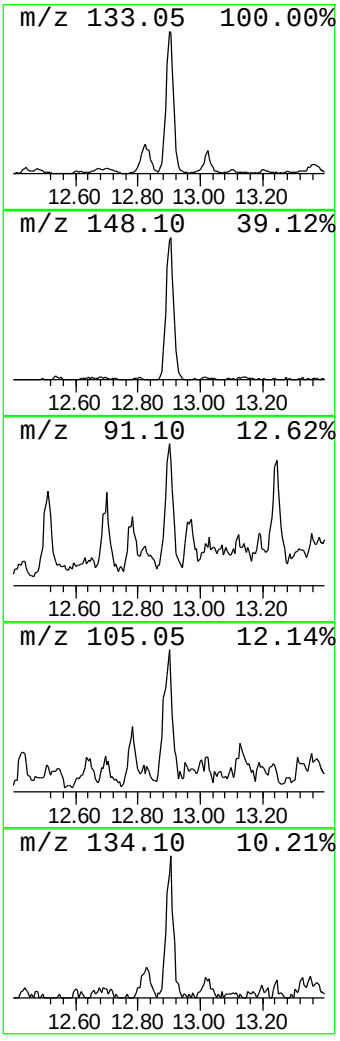
****

Peak Number 12 Benzene, pentamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	9.99 ng	274271	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	95
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	91
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	91
4	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	87





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ClientSampleId : OILY-STONES

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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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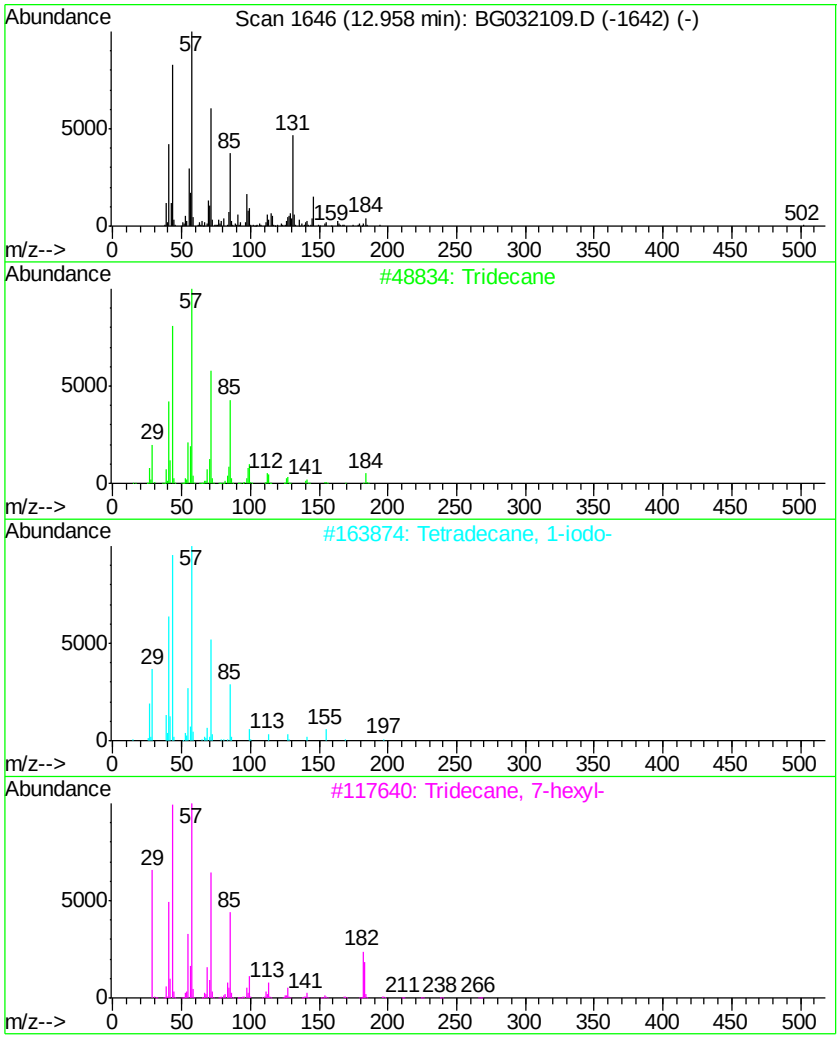
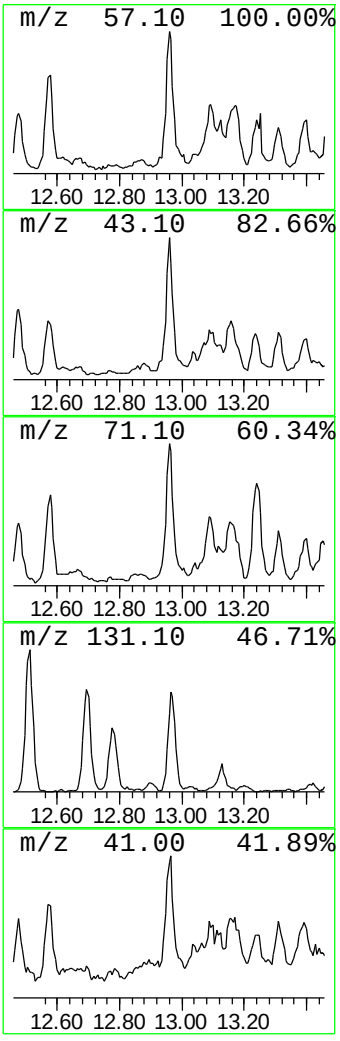
Peak Number 13 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	15.17 ng	416352	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	49
4	Tritetracontane	605	C43H88	007098-21-7	49
5	Tetradecane	198	C14H30	000629-59-4	49





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ClientSampleId : OILY-STONES

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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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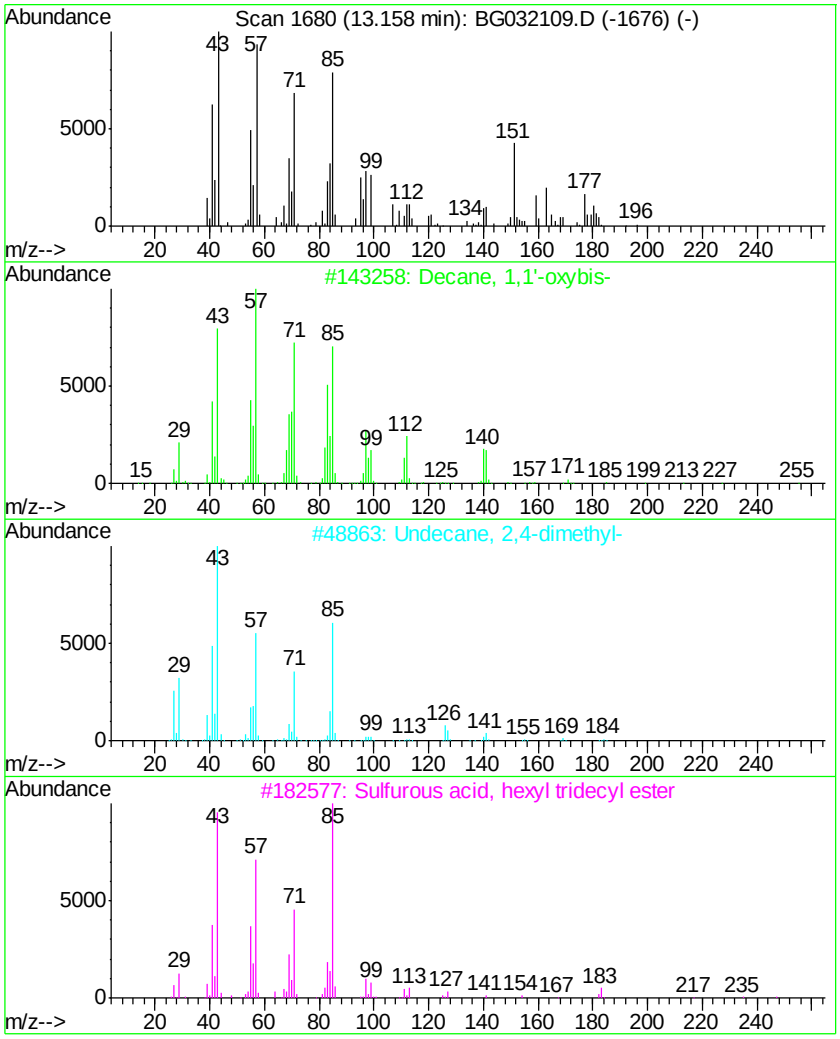
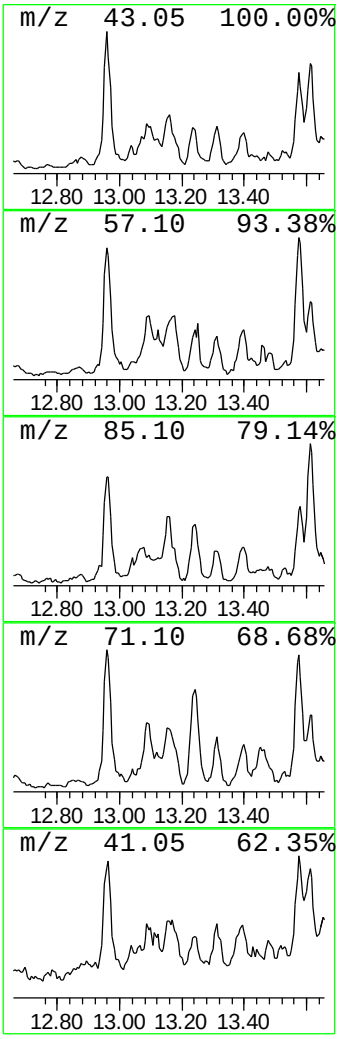
Peak Number 14 unknown13.16 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	7.98 ng	219039	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	47
2	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
3	Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	38
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38





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Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

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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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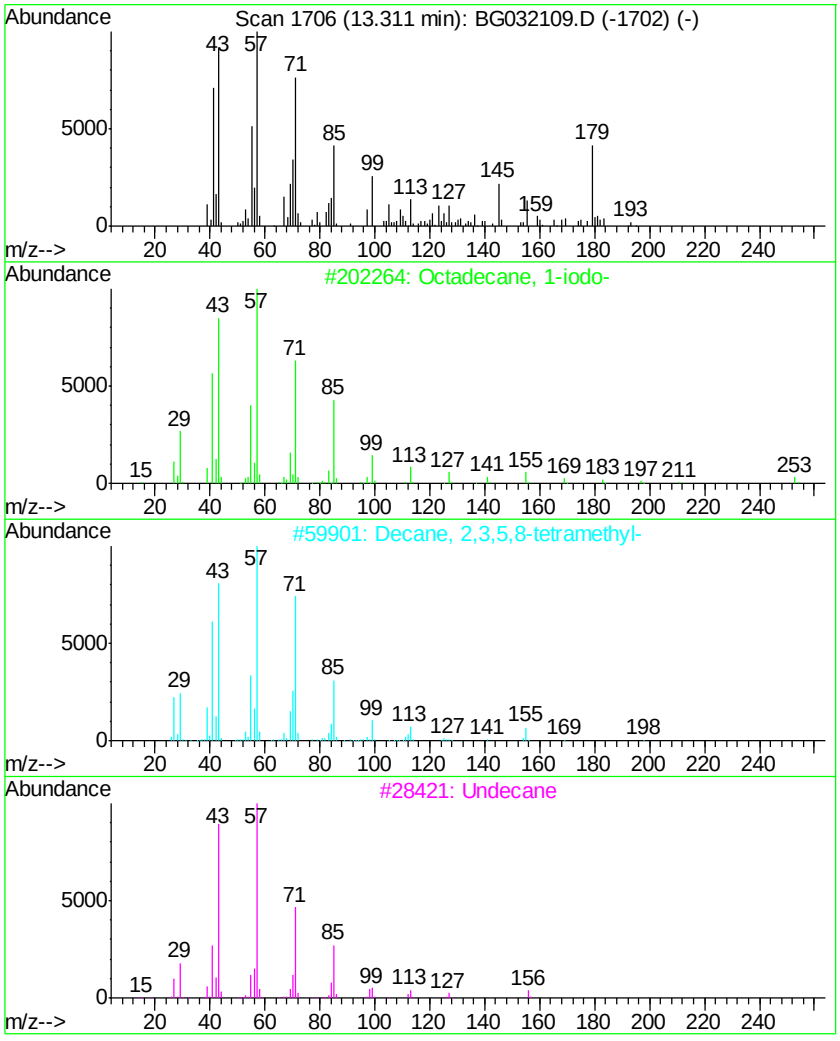
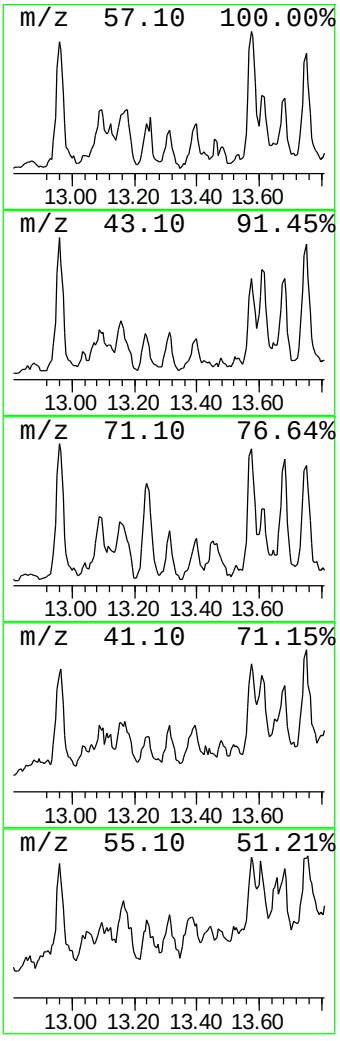
Peak Number 15 unknown13.31 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	4.72 ng	129531	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	49
2	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	49
3	Undecane	156	C11H24	001120-21-4	47
4	Octacosane	394	C28H58	000630-02-4	47
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	47





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Sample : J1156-11
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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

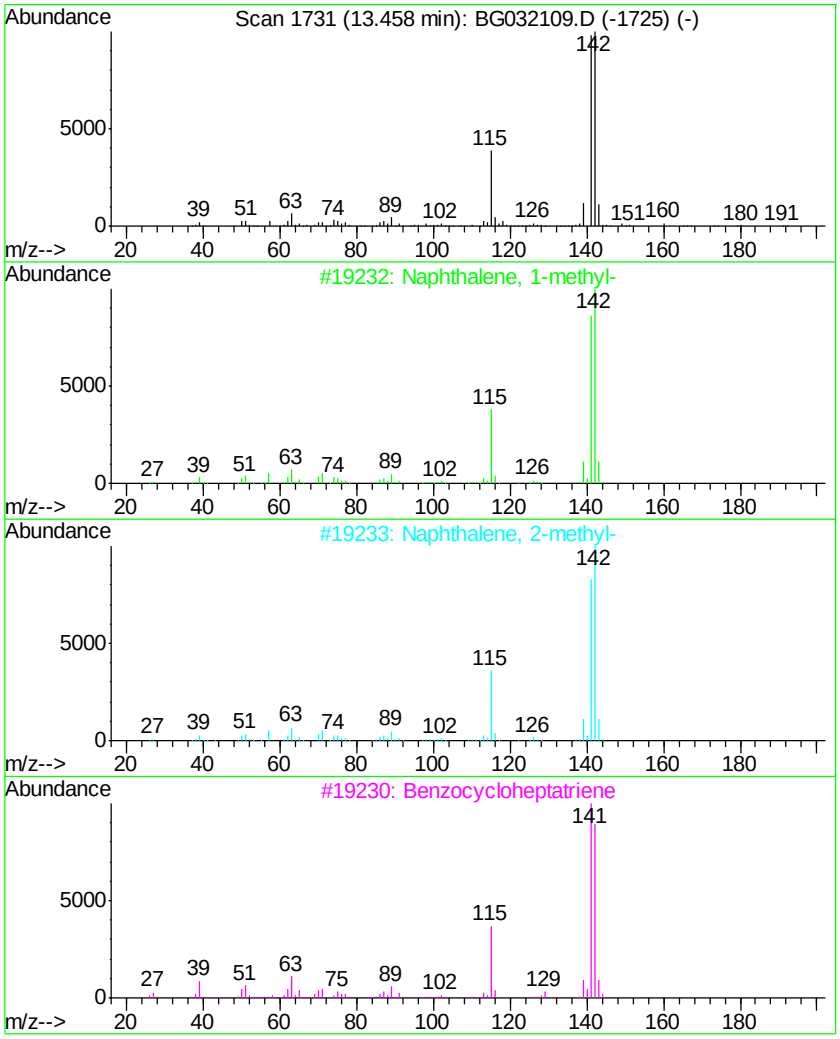
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

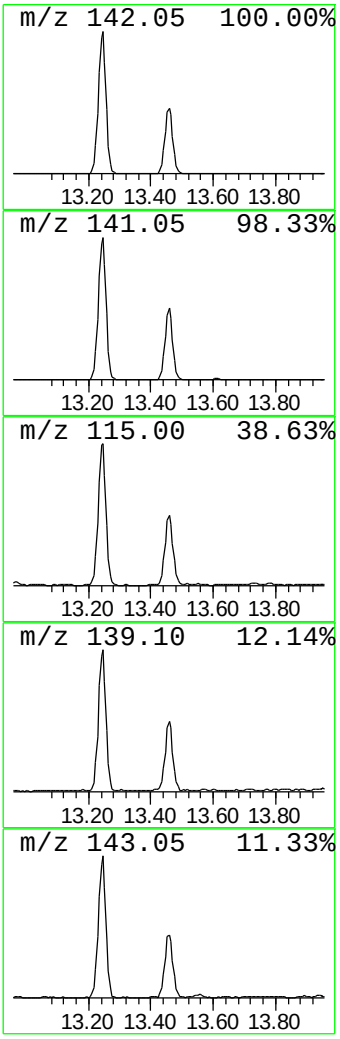
****

Peak Number 16 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	49.29 ng	1352660	Naphthalene-d8	11.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91





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Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

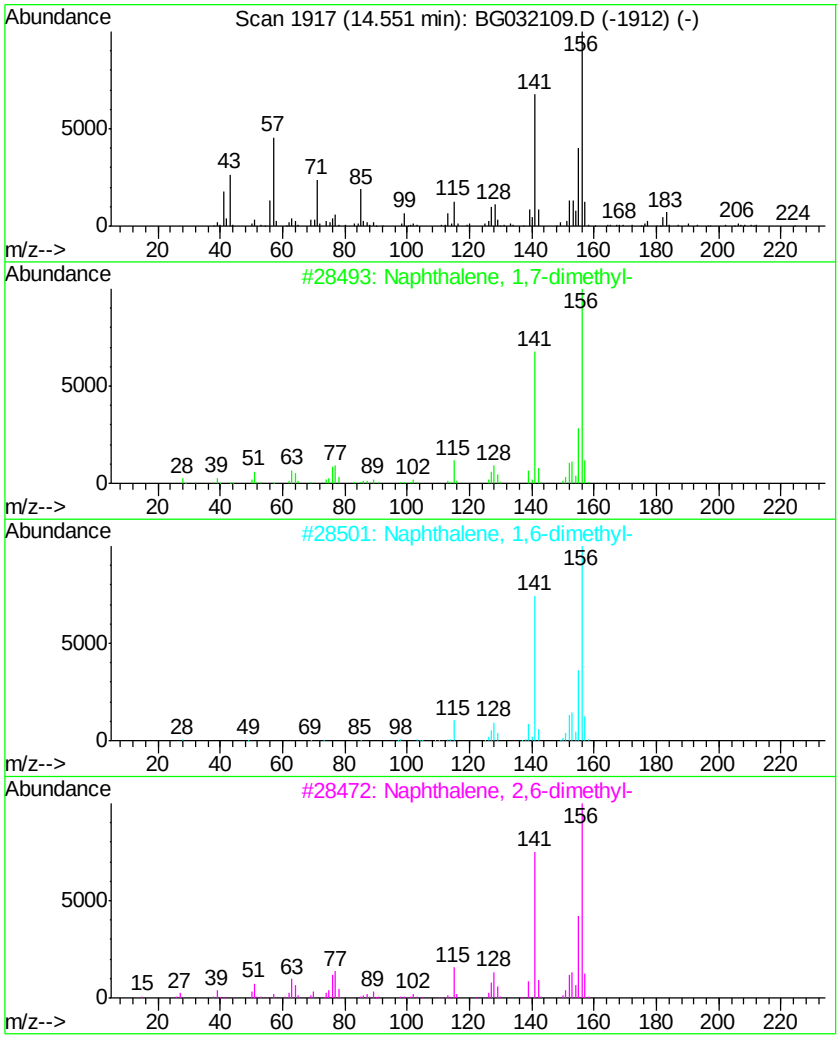
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

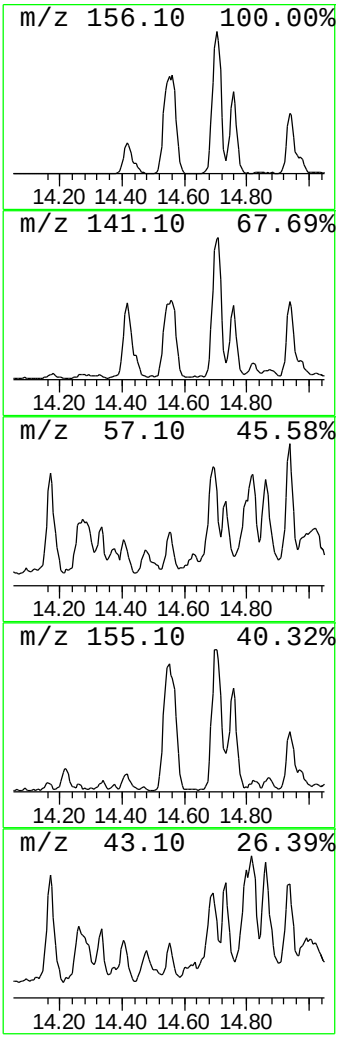
****

Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	5.22 ng	821084	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	83





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Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

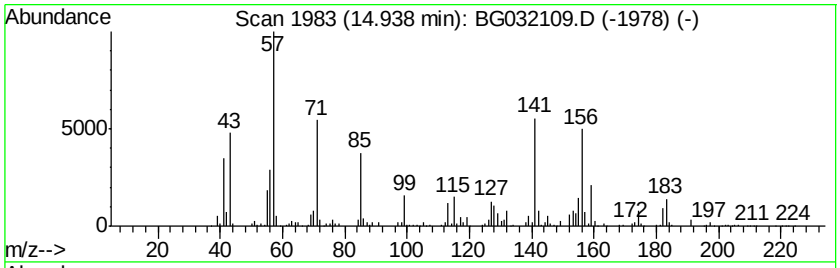
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

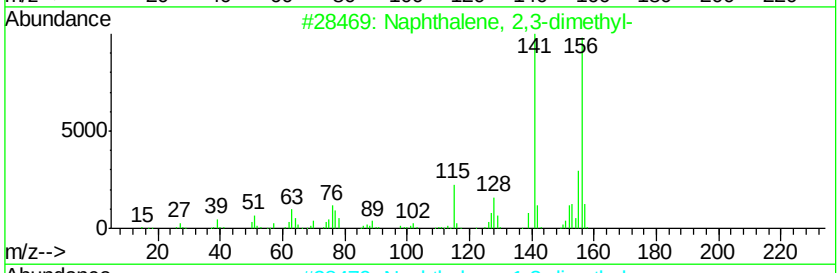
****

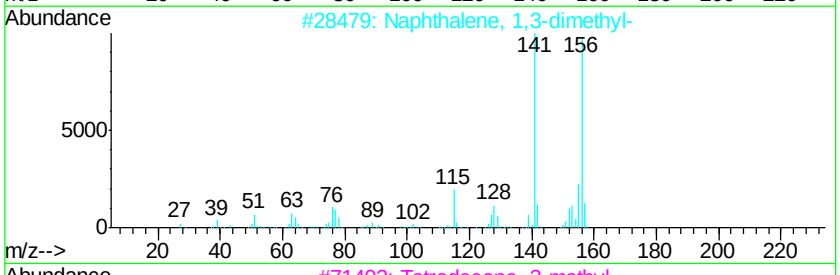
Peak Number 18 Naphthalene, 2,3-dimethyl- Concentration Rank 13

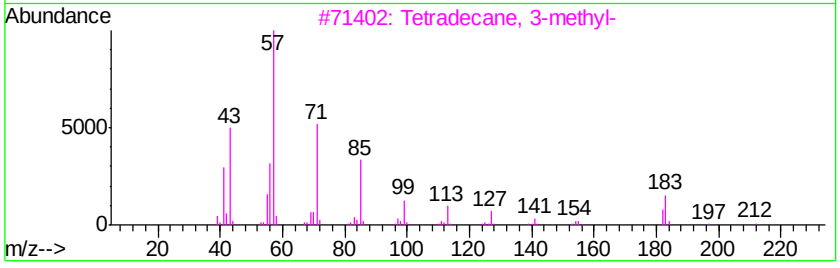
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	6.31 ng	993377	Acenaphthene-d10	15.38

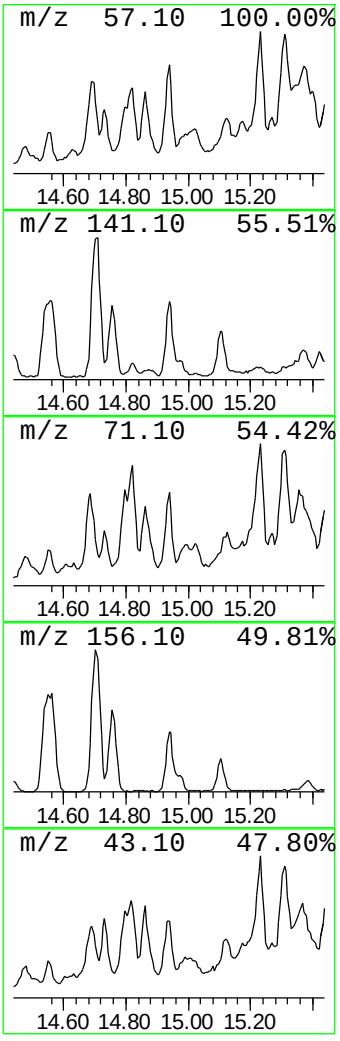
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	41
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	38
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	30
5	Nonanoic acid, pentafluorophenyl...	324	C15H17F5O2	1000360-66-5	27











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Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

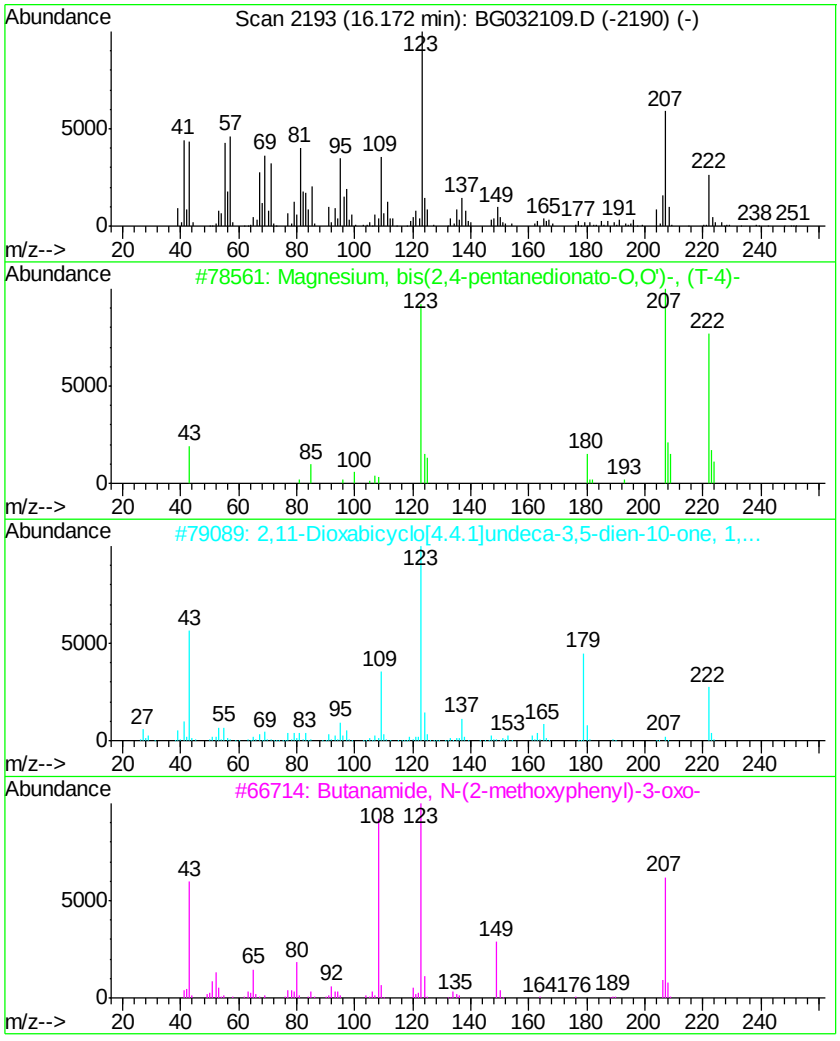
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

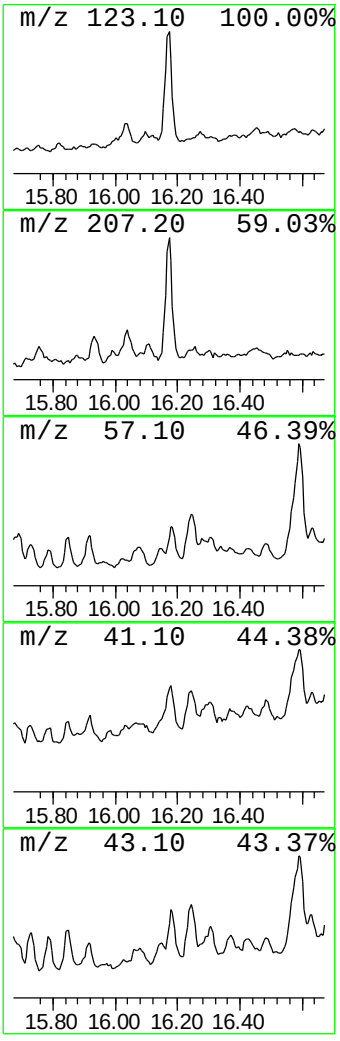
****

Peak Number 19 Magnesium, bis(2,4-pentaned... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	11.36 ng	1788390	Acenaphthene-d10	15.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Magnesium, bis(2,4-pentanedionat...	222	C10H14MgO4	014024-56-7	60
2	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	50
3	Butanamide, N-(2-methoxyphenyl)-...	207	C11H13NO3	000092-15-9	43
4	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	30
5	Furan, 2-methyl-5-(1,1,5-trimeth...	206	C14H22O	077143-15-8	30





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ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId : OILY-STONES

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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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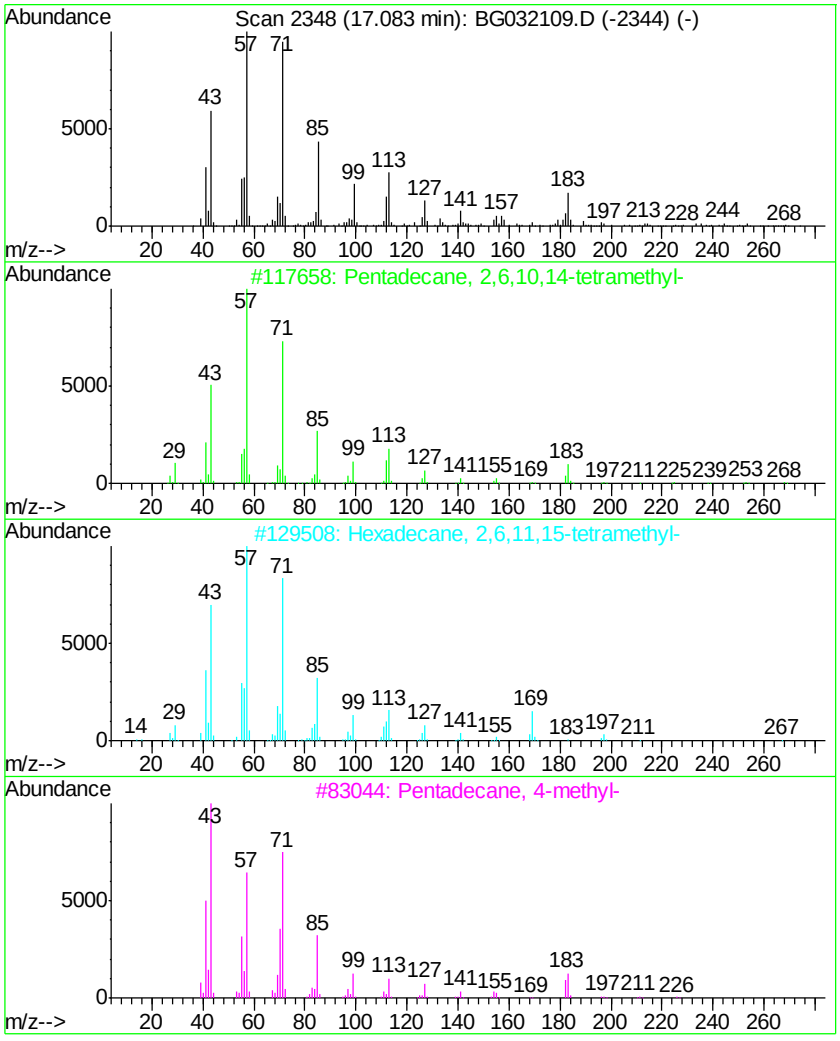
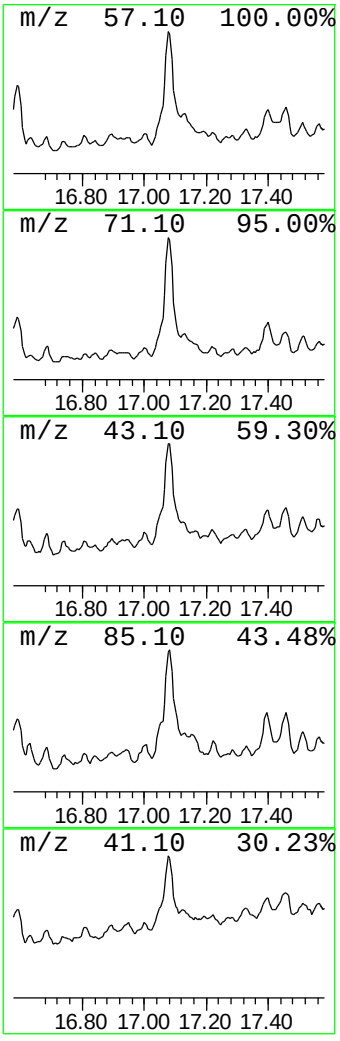
Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	20.00 ng	3960320	Phenanthrene-d10	18.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	81
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81
5	Decane, 2-methyl-	156	C11H24	006975-98-0	81





Tentatively Identified Compound (LSC) summary

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Acq On : 17 Jan 2018 20:28
Operator : SJ/JU
Sample : J1156-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
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unknown8.26	8.26	110.5	ng	2055590	1	8.75	372002	20.0
Dodecane	11.55	7.1	ng	194196	2	11.62	548821	20.0
Undecane, 2,6-dim...	11.74	5.8	ng	160007	2	11.62	548821	20.0
Dodecane, 4-methyl-	12.40	5.3	ng	144047	2	11.62	548821	20.0
Dodecane, 2-methyl-	12.48	5.6	ng	152588	2	11.62	548821	20.0
1H-Indene, 2,3-di...	12.51	6.9	ng	189768	2	11.62	548821	20.0
Undecane, 2,9-dim...	12.57	7.9	ng	215681	2	11.62	548821	20.0
1H-Indene, 2,3-di...	12.69	6.9	ng	189366	2	11.62	548821	20.0
Naphthalene, 1,2,...	12.78	6.0	ng	166124	2	11.62	548821	20.0
Benzene, pentamet...	12.90	10.0	ng	274271	2	11.62	548821	20.0
Tridecane	12.96	15.2	ng	416352	2	11.62	548821	20.0
unknown13.16	13.16	8.0	ng	219039	2	11.62	548821	20.0
unknown13.31	13.31	4.7	ng	129531	2	11.62	548821	20.0
Naphthalene, 1-me...	13.46	49.3	ng	1352660	2	11.62	548821	20.0
Naphthalene, 1,7-...	14.55	5.2	ng	821084	3	15.38	3148590	20.0
Naphthalene, 2,3-...	14.94	6.3	ng	993377	3	15.38	3148590	20.0
Magnesium, bis(2,...	16.17	11.4	ng	1788390	3	15.38	3148590	20.0
Pentadecane, 2,6,...	17.08	20.0	ng	3960320	4	18.14	3960320	20.0