LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

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_F\METHODS\8270-BF071618.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	2.902	91	96	102	rBV	149153	218881	2.14%	0.401%
2	2.978	102	109	115	rVB2	115512	204164	1.99%	0.374%
3	3.819	245	252	259	rBV	565644	806387	7.87%	1.477%
4	4.496	360	367	371	rBV4	73426	137593	1.34%	0.252%
5	4.660	384	395	398	rVV	5211813	10241550	100.00%	18.757%
6	4.784	414	416	420	rVB	129887	122335	1.19%	0.224%
7	4.872	426	431	440	rBV2	2763146	3572418	34.88%	6.543%
8	5.607	549	556	560	rBV	1447694	1400281	13.67%	2.564%
9	6.584	718	722	732	rBV	1917668	2345542	22.90%	4.296%
10	6.754	746	751	755	rBV2	2509446	2417255	23.60%	4.427%
11	6.984	786	790	793	rBV	1018346	881563	8.61%	1.615%
12	7.031	795	798	805	rVB	90013	112694	1.10%	0.206%
13	7.143	812	817	820	rVB	3618431	3303916	32.26%	6.051%
14	7.213	826	829	833	rBV	115715	158485	1.55%	0.290%
15	7.548	879	886	889	rBV	2819871	3182291	31.07%	5.828%
16	7.707	908	913	918	rBV3	717150	1013139	9.89%	1.855%
17	8.089	973	978	981	rBV	548659	524951	5.13%	0.961%
18	8.266	1003	1008	1011	rBV2	1020818	1057715	10.33%	1.937%
19	8.295	1011	1013	1016	rVB	401259	352858	3.45%	0.646%
20	8.354	1019	1023	1027	rBV	216630	215722	2.11%	0.395%
21	8.760	1089	1092	1094	rBV	157881	171282	1.67%	0.314%
22	8.778	1094	1095	1098	rVB	185896	106311	1.04%	0.195%
23	9.031	1134	1138	1140	rBV	540749	474429	4.63%	0.869%
24	9.066	1140	1144	1147	rVB	1000655	878597	8.58%	1.609%
25	9.278	1177	1180	1185	rVB	211480	159511	1.56%	0.292%
26	9.342	1185	1191	1194	rBV	4983545	5014226	48.96%	9.183%
27	10.025	1304	1307	1310	rVB3	250781	218778	2.14%	0.401%
28	10.819	1437	1442	1445	rBV	2582637	2489974	24.31%	4.560%
29	11.519	1556	1561	1572	rBV4	478446	656030	6.41%	1.201%
30	11.895	1620	1625	1628	rBV	578414	544576	5.32%	0.997%
31	12.036	1644	1649	1660	rBV7	224089	552676	5.40%	1.012%
32	12.589	1740	1743	1745	rVB	168304	137768	1.35%	0.252%
33	12.689	1756	1760	1763	rBV	481789	424057	4.14%	0.777%
34	12.907	1793	1797	1800	rBV2	190878	202416	1.98%	0.371%

LSC Area Percent Report

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Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

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_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.960	1804	1806	1809	rVV	285296	204927	2.00%	0.375%
36	13.107	1827	1831	1836	rVB3	2081588	2450735	23.93%	4.488%
37	13.319	1863	1867	1870	rVB	497545	426746	4.17%	0.782%
38	13.660	1922	1925	1928	rBV	764311	611802	5.97%	1.120%
39	13.989	1978	1981	1984	rBV	878366	721409	7.04%	1.321%
40	14.166	2003	2011	2013	rBV4	126787	190475	1.86%	0.349%
41	14.307	2031	2035	2038	rBV	1106140	924678	9.03%	1.693%
42	14.501	2063	2068	2070	rVB6	83341	108531	1.06%	0.199%
43	14.613	2083	2087	2091	rVV	1083046	981808	9.59%	1.798%
44	14.936	2138	2142	2147	rVB	860966	917982	8.96%	1.681%
45	15.295	2199	2203	2208	rBV	702165	807245	7.88%	1.478%
46	15.701	2267	2272	2281	rBV2	567332	795878	7.77%	1.458%
47	16.171	2346	2352	2358	rBV2	382053	598511	5.84%	1.096%
48	16.712	2439	2444	2452	rVB3	190423	372681	3.64%	0.683%
49	17.359	2549	2554	2562	rVB10	86534	188887	1.84%	0.346%

Sum of corrected areas: 54602666

LSC Report - Integrated Chromatogram

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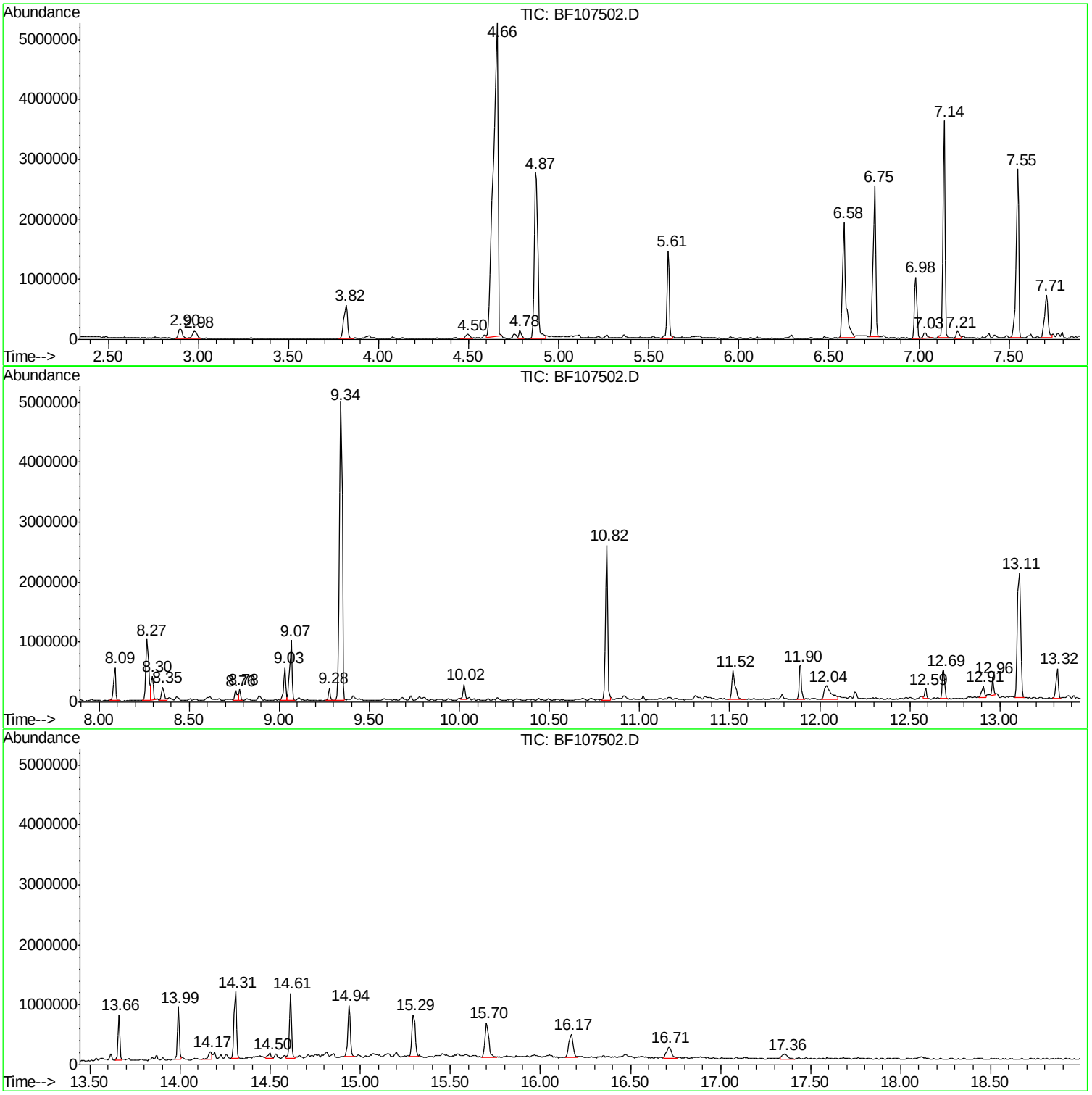
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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 F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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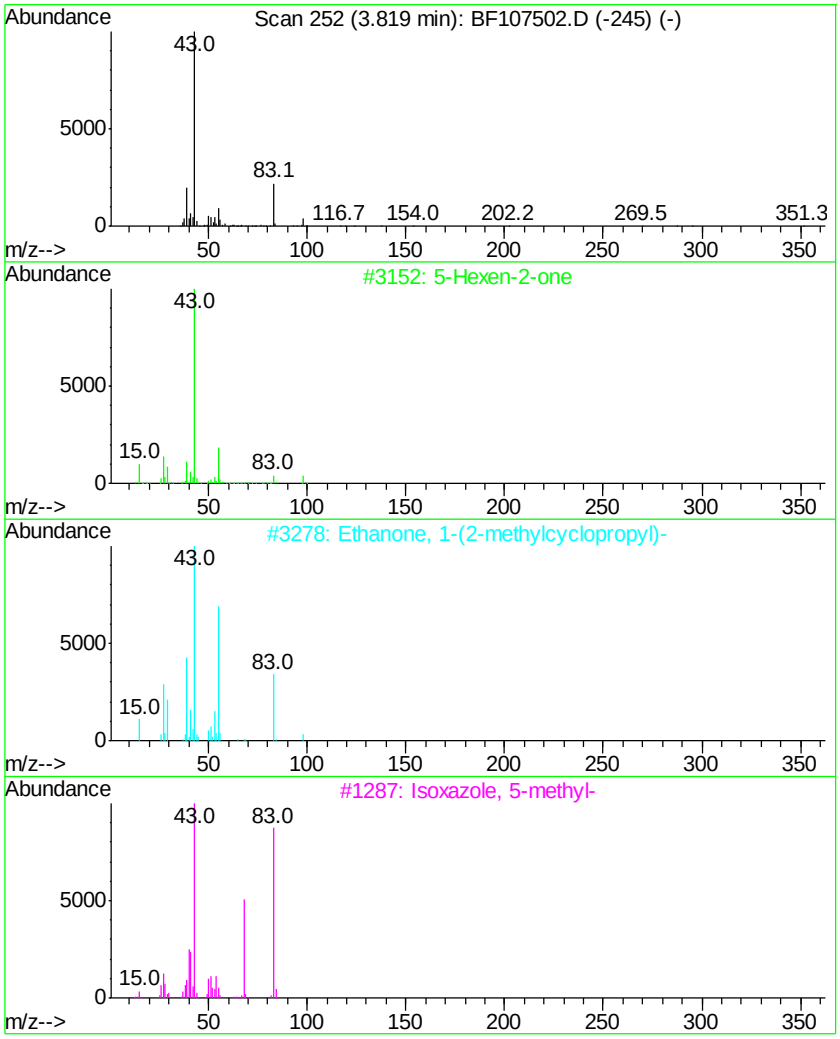
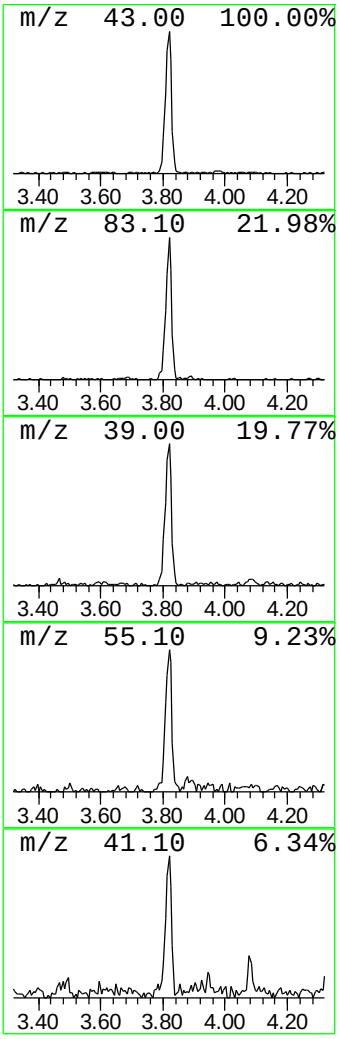
Peak Number 1 unknown3.82 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	18.29 ng	806387	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hexen-2-one	98	C6H10O	000109-49-9	47
2	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	40
3	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	25
4	2-Methyl-3-oxobutyronitrile	97	C5H7NO	004468-47-7	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107502.D
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Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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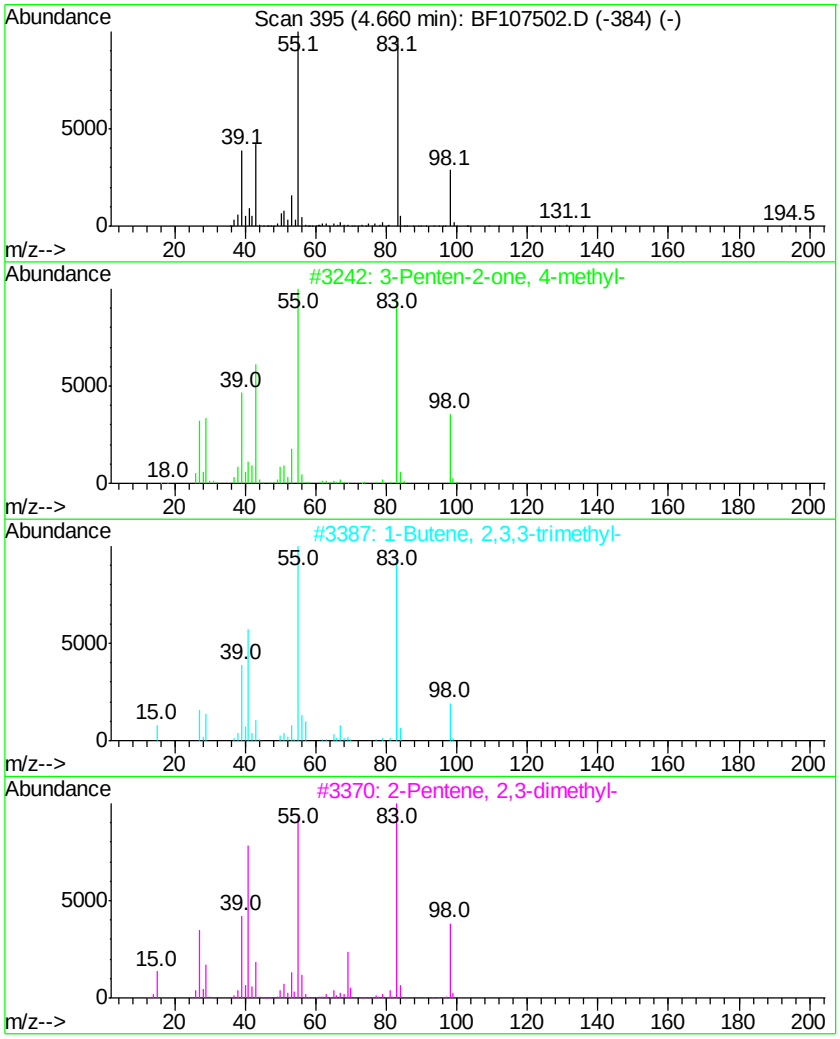
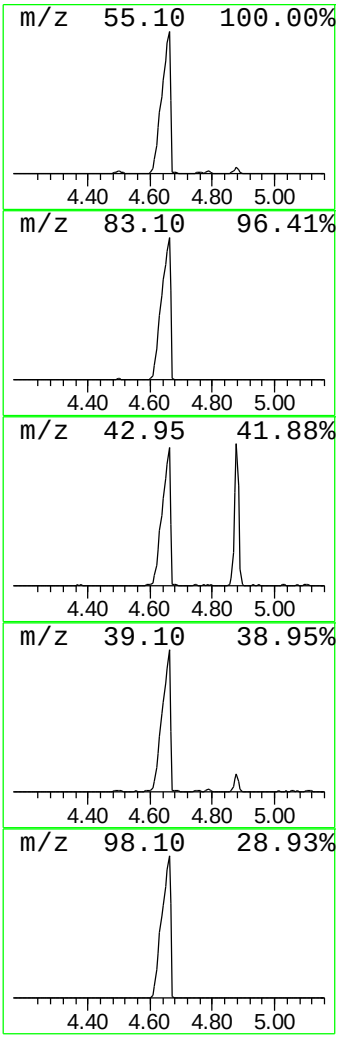
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	232.35 ng	10241600	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	86
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	83
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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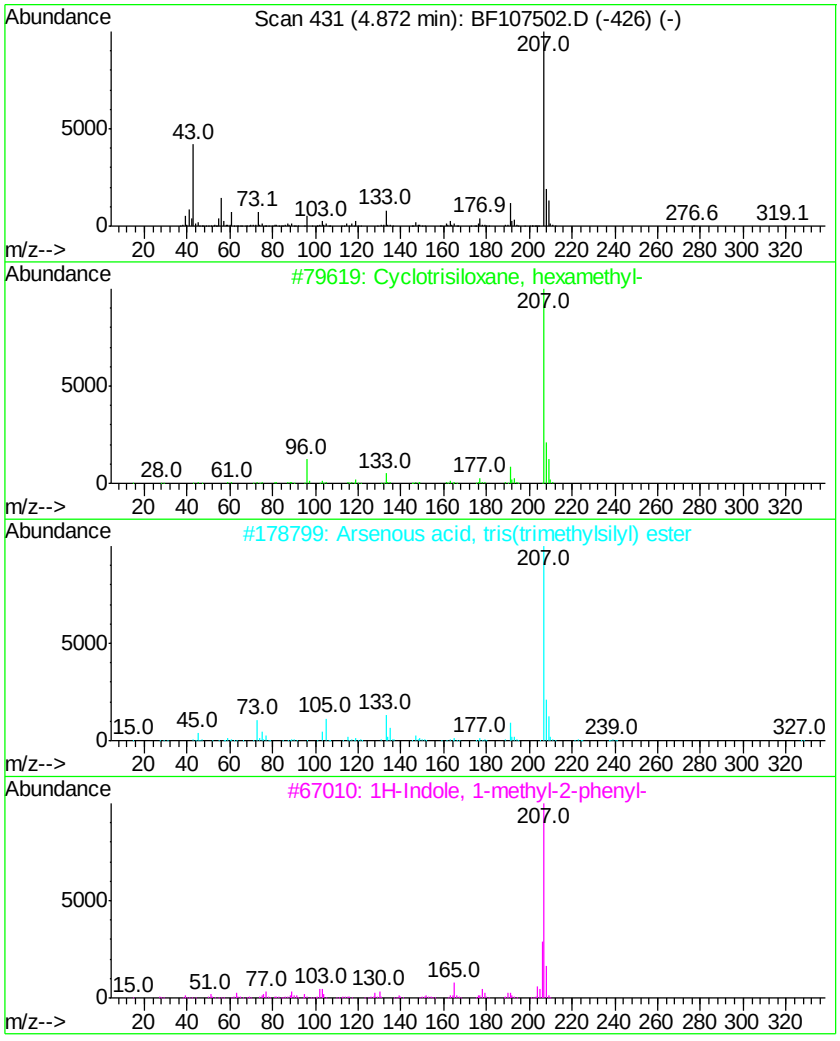
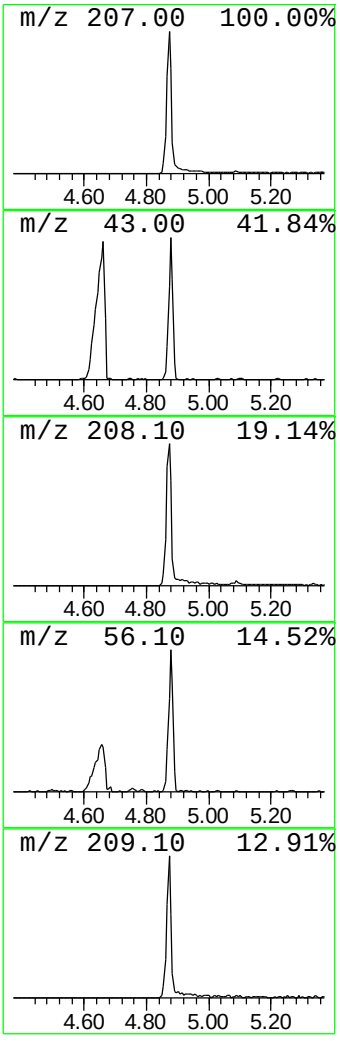
Peak Number 3 Cyclotrisiloxane, hexamethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	81.05 ng	3572420	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	64
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	42
4	4-Cyclohexene-1,2-dicarboximide,...	207	C12H17NO2	028916-00-9	42
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

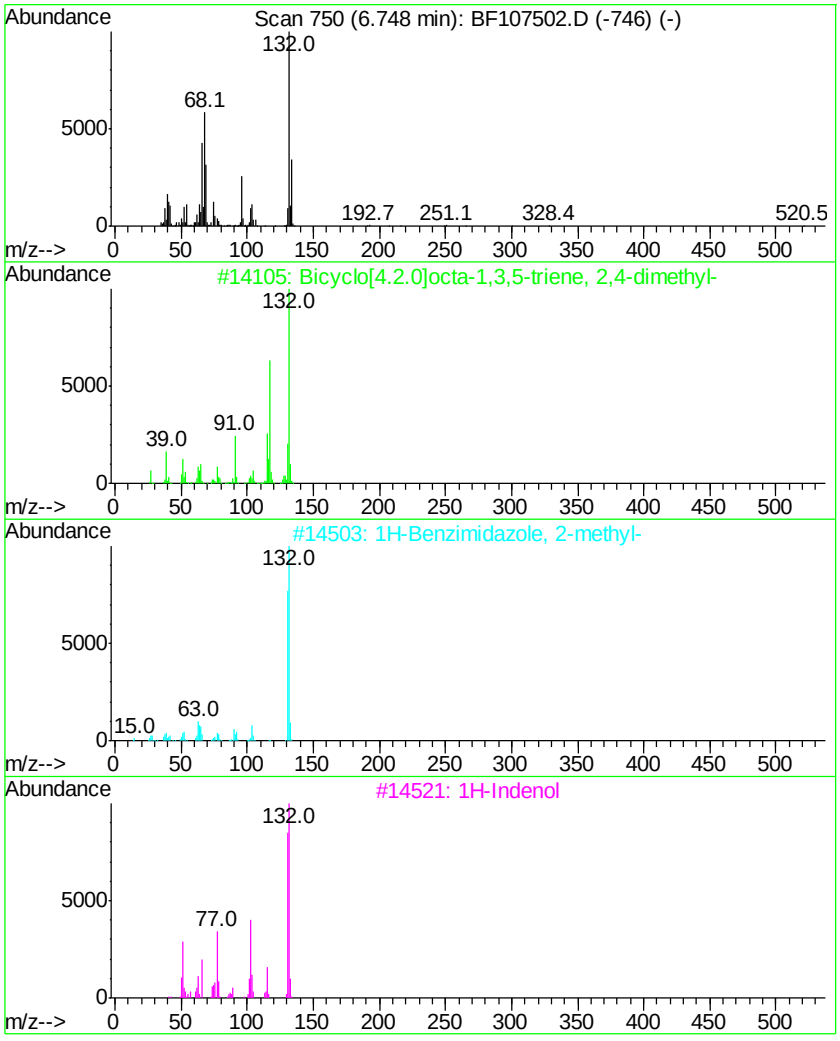
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

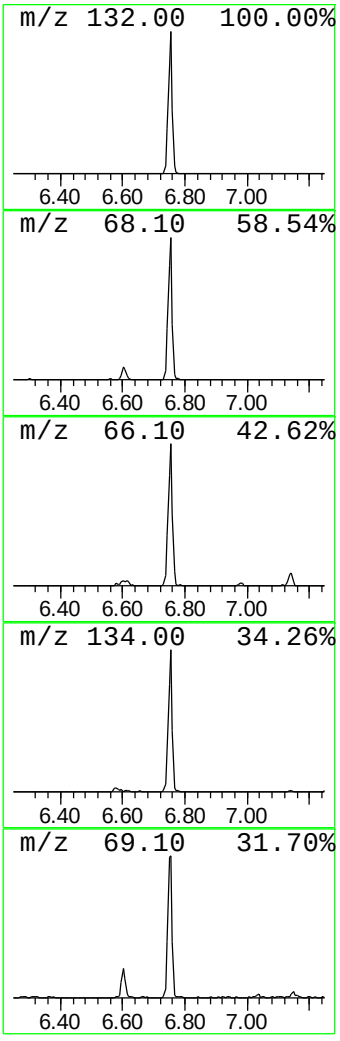
****

Peak Number 4 unknown6.75 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	54.84 ng	2417260	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	1H-Indenol	132	C9H8O	056631-57-3	14
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10





Library Search Compound Report

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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

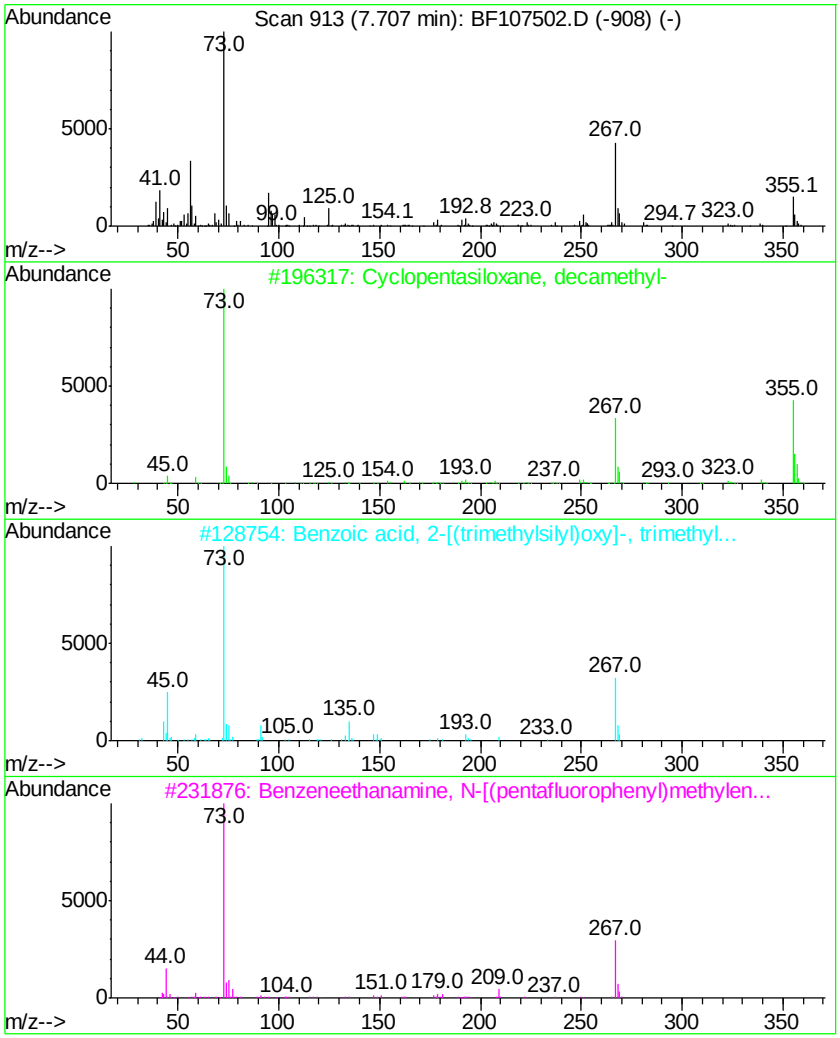
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

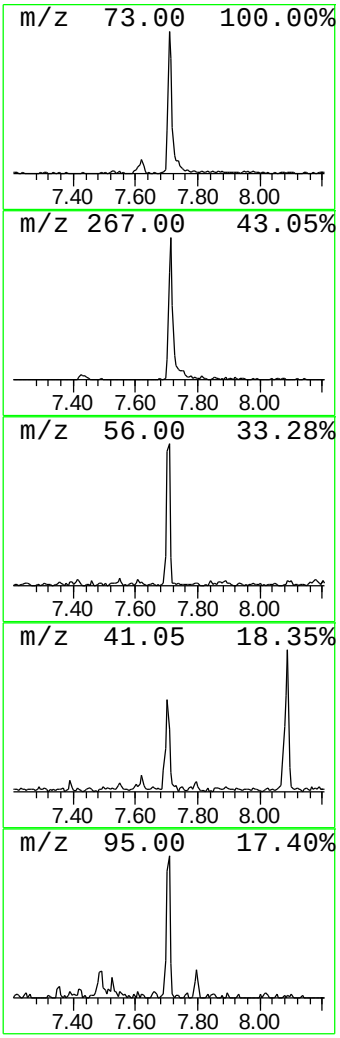
****

Peak Number 6 Cyclopentasiloxane, decamet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	19.16 ng	1013140	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	37
3	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	37
4	3-Amino-2-phenazinol ditms	355	C18H25N3OSi2	1000332-15-5	10
5	Phosphonic acid, [3-[(trimethyls...	355	C12H34NO3PSi3	056051-92-4	10





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Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

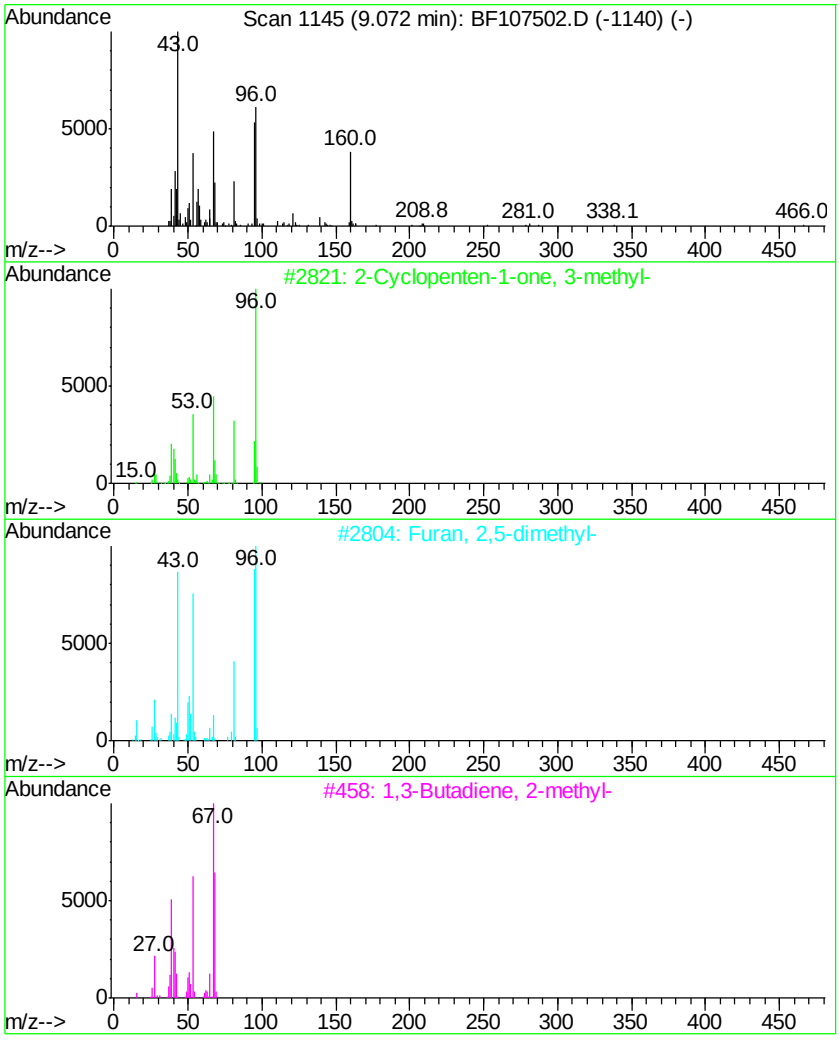
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

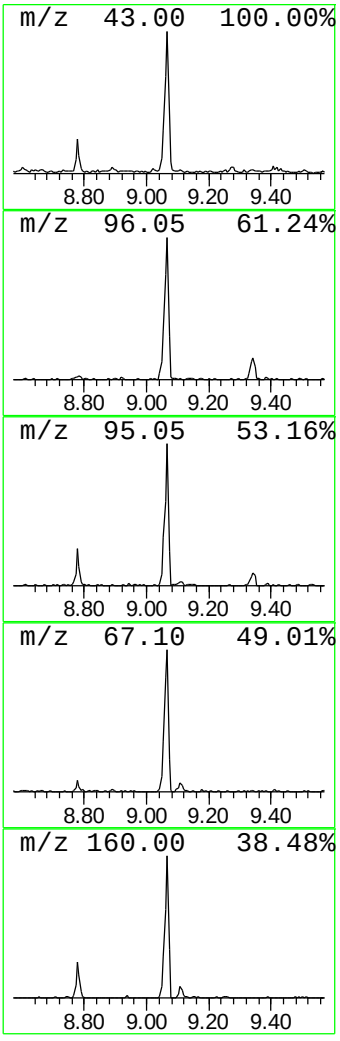
****

Peak Number 7 2-Cyclopenten-1-one, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	16.61 ng	878597	Naphthalene-d8	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 3-methyl-	96	C6H8O	002758-18-1	93
2	Furan, 2,5-dimethyl-	96	C6H8O	000625-86-5	76
3	1,3-Butadiene, 2-methyl-	68	C5H8	000078-79-5	50
4	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	50
5	Ethanone, 1-(methylenecyclopropyl)-	96	C6H8O	062266-35-7	50





Library Search Compound Report

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Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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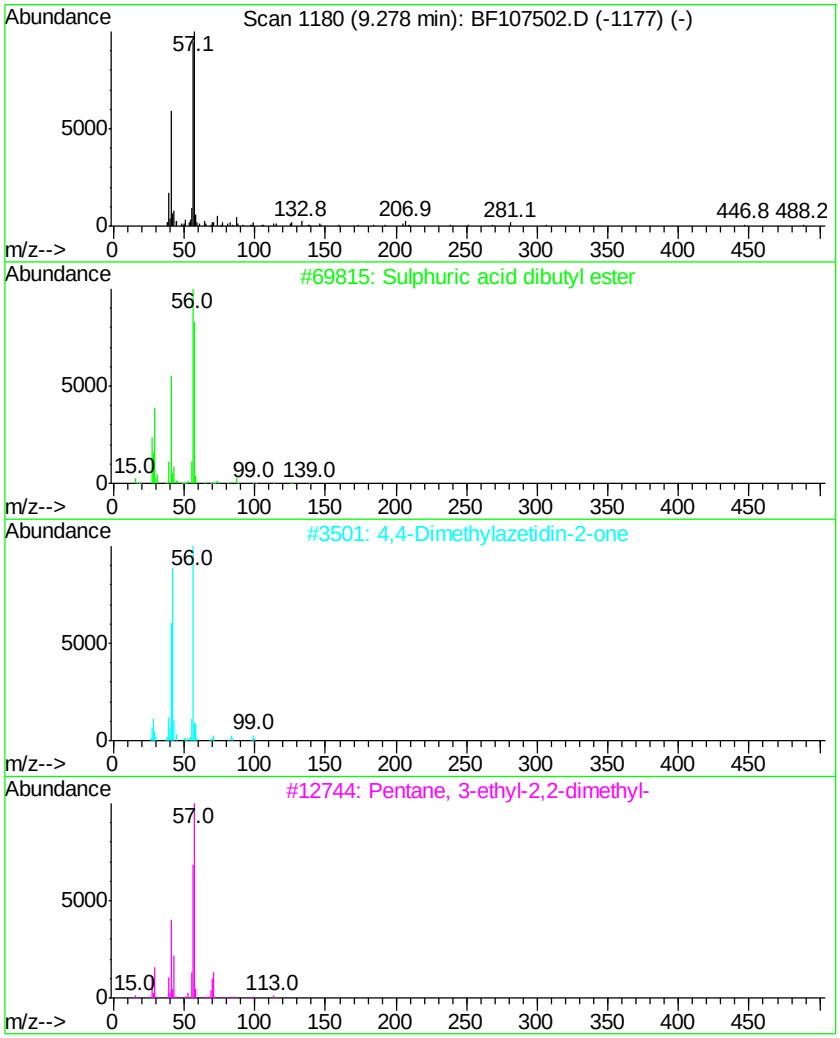
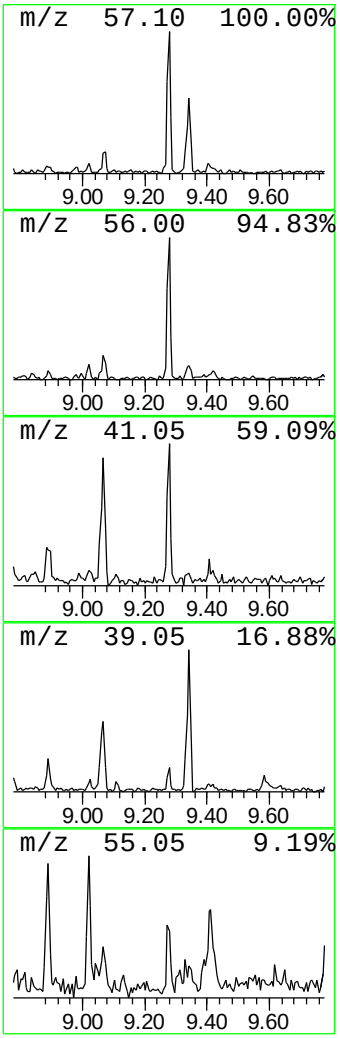
Peak Number 8 Sulphuric acid dibutyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	14.58 ng	159511	Acenaphthene-d10	10.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	59
2	4,4-Dimethylazetidin-2-one	99	C5H9NO	004879-95-2	50
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	50
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	50
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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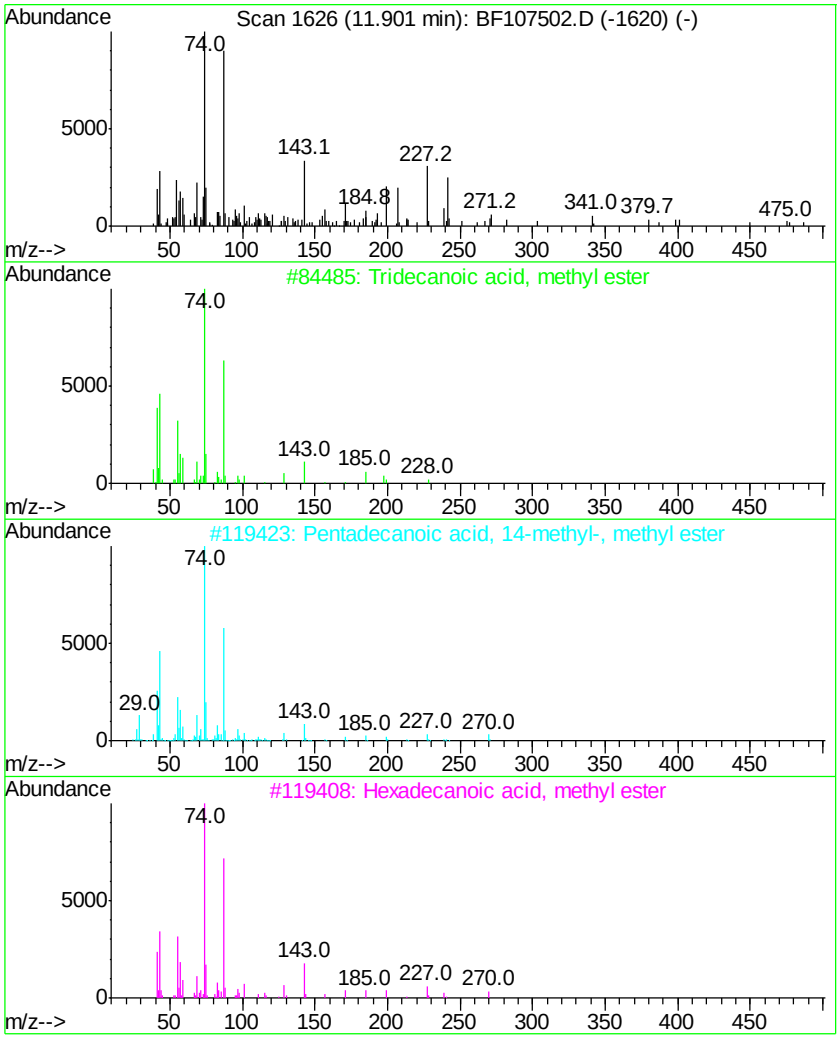
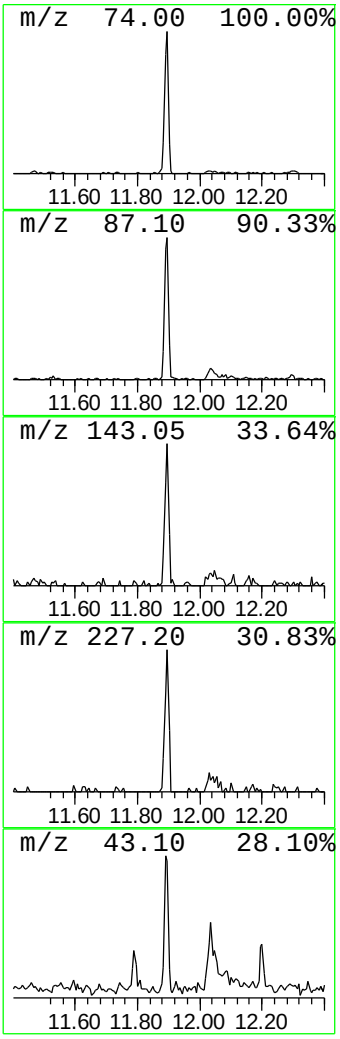
Peak Number 9 Tridecanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	16.60 ng	544576	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80
4	Methyl stearate	298	C19H38O2	000112-61-8	80
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	72





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Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

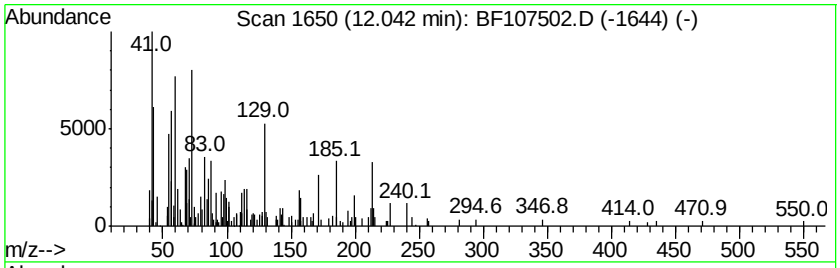
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

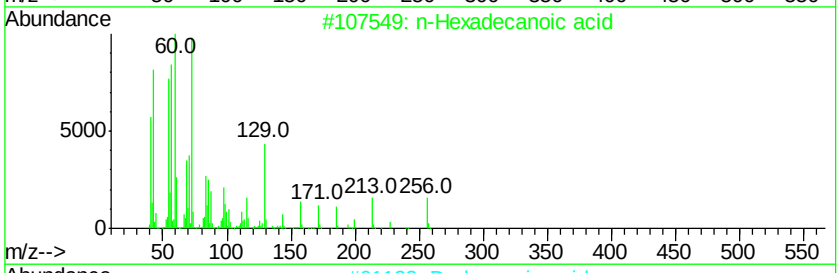
****

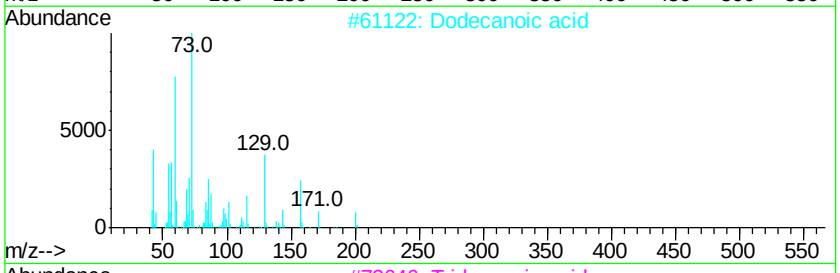
Peak Number 10 n-Hexadecanoic acid Concentration Rank 16

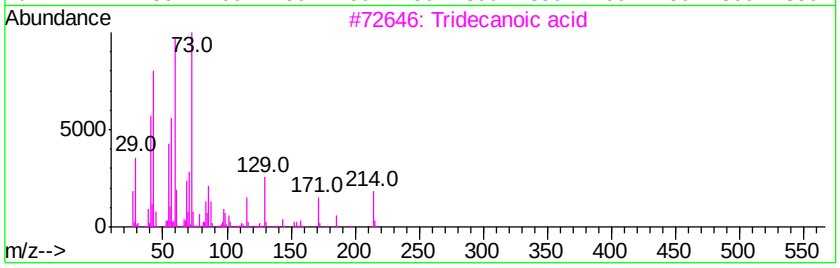
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	16.85 ng	552676	Phenanthrene-d10	11.52

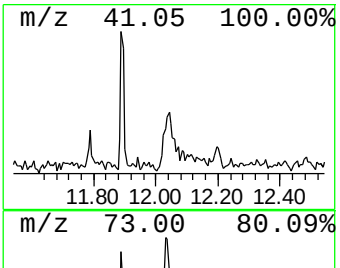
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
2	Dodecanoic acid	200	C12H24O2	000143-07-7	50
3	Tridecanoic acid	214	C13H26O2	000638-53-9	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	45
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43

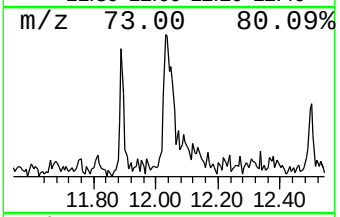


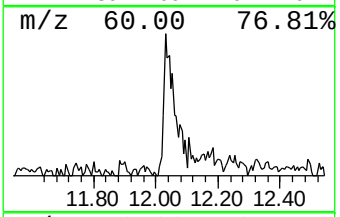


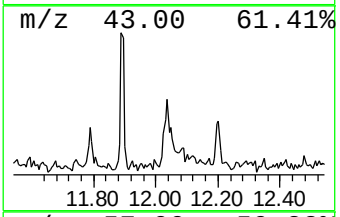


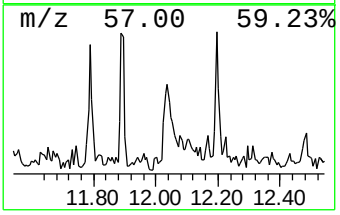












Library Search Compound Report

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Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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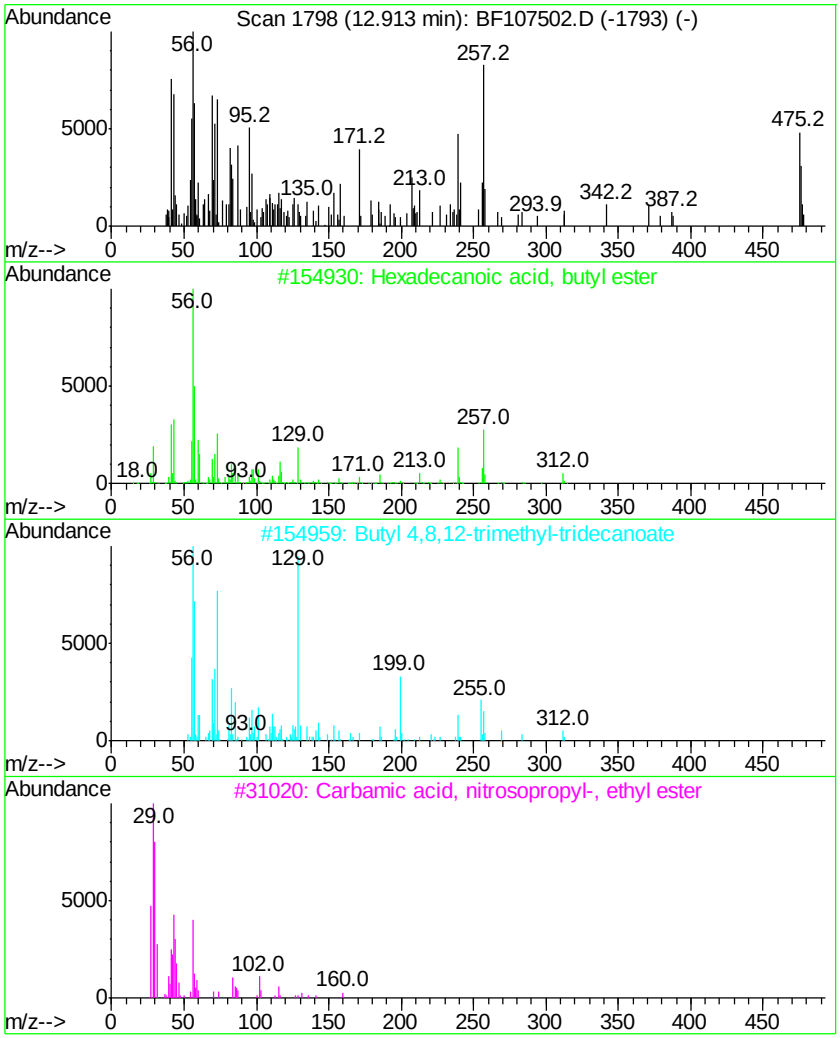
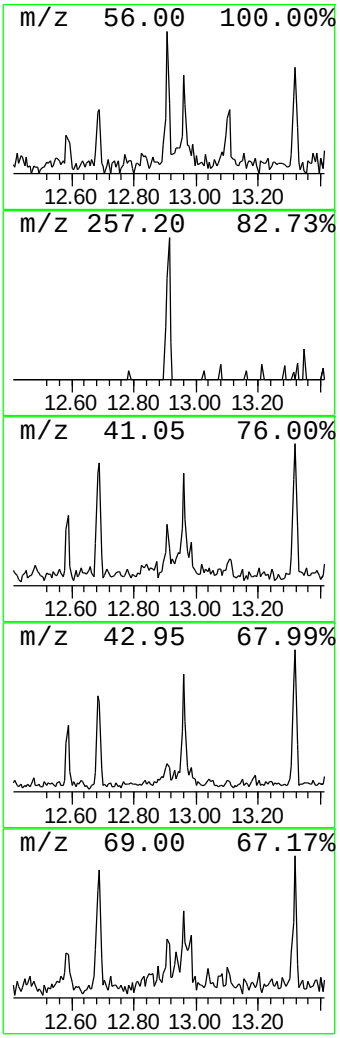
Peak Number 11 unknown12.91 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	21.25 ng	202416	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	45
2	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	38
3	Carbamic acid, nitrosopropyl-, e...	160	C6H12N2O3	019935-86-5	12
4	L-Homocitrulline	189	C7H15N3O3	001190-49-4	10
5	1,5-Pentanediol	104	C5H12O2	000111-29-5	10





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Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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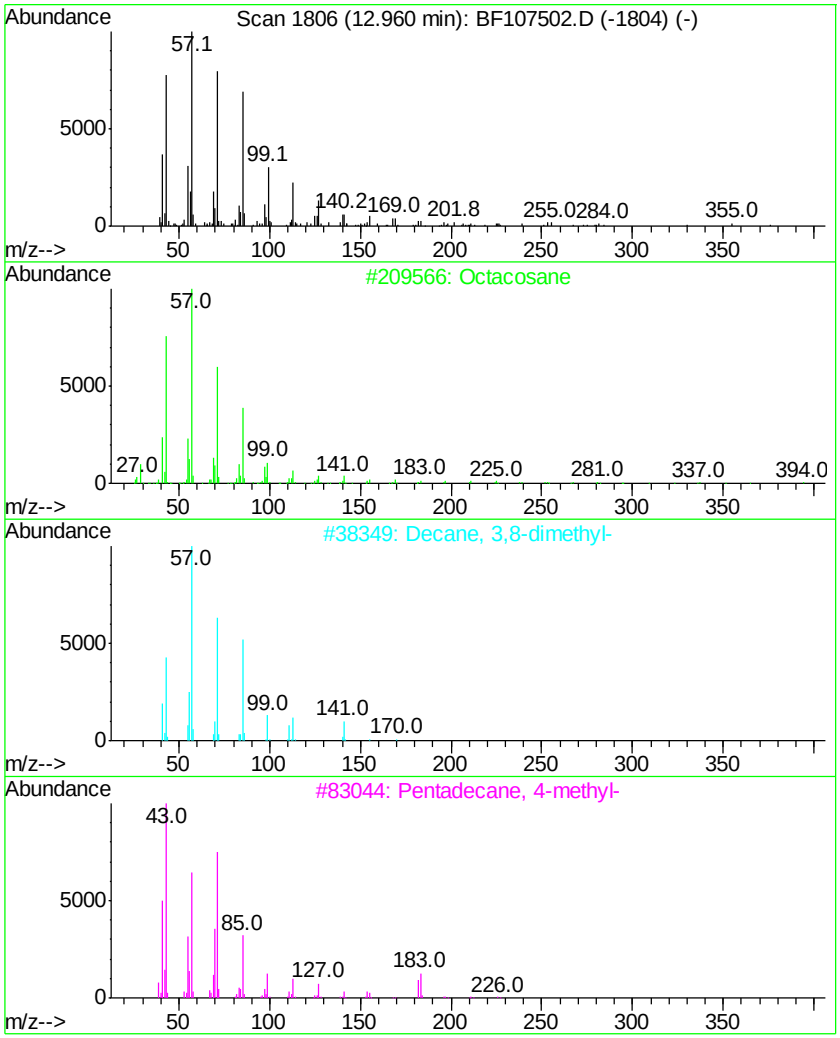
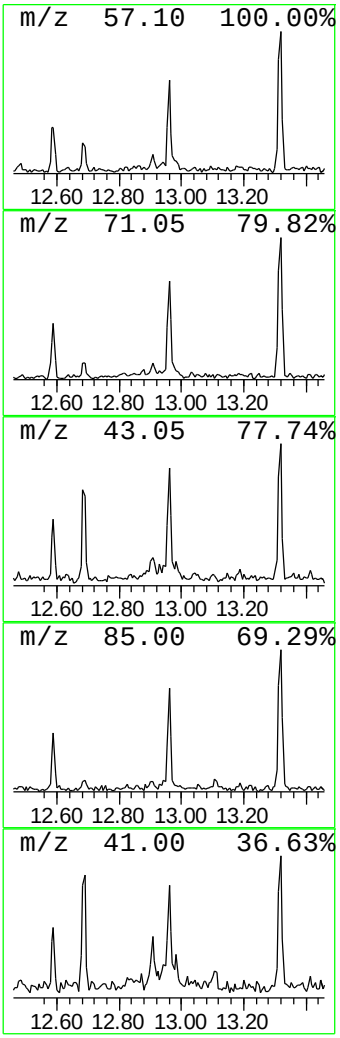
Peak Number 12 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	21.52 ng	204927	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	72
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	64





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Misc :
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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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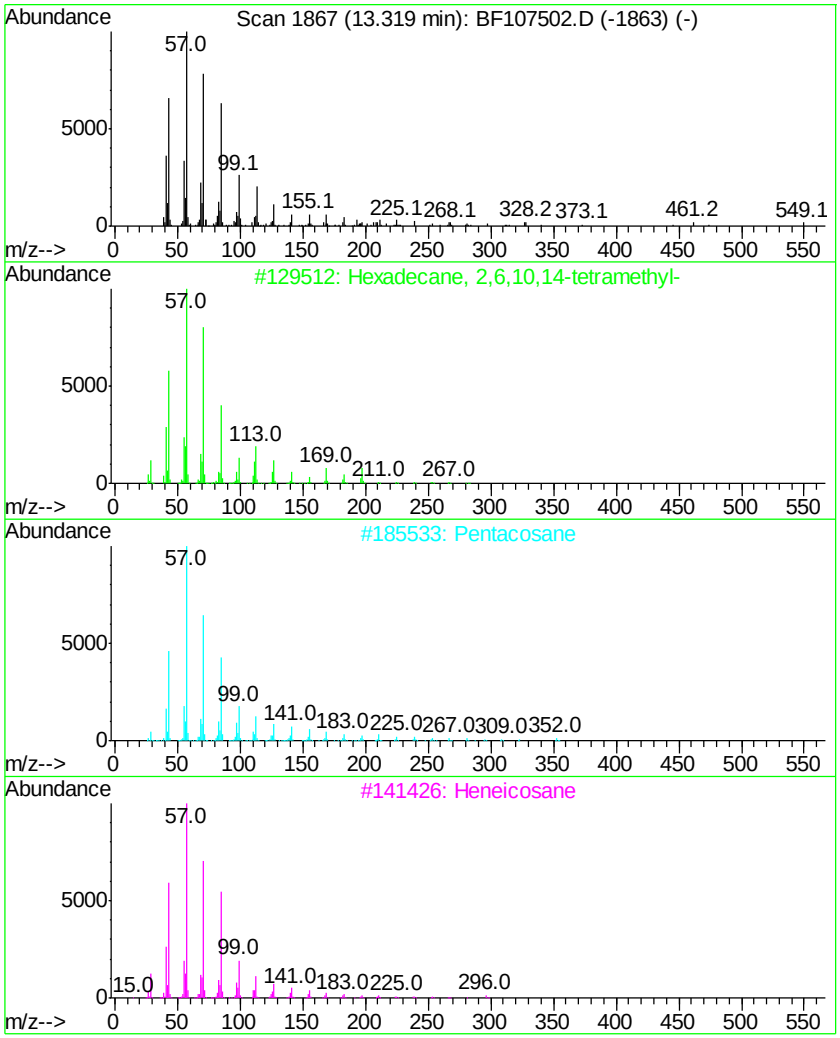
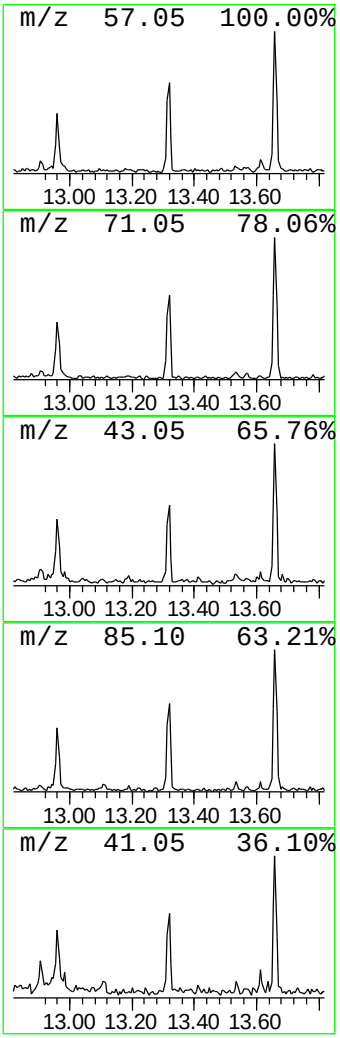
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	44.81 ng	426746	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	Triacontane	422	C30H62	000638-68-6	83
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	83





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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
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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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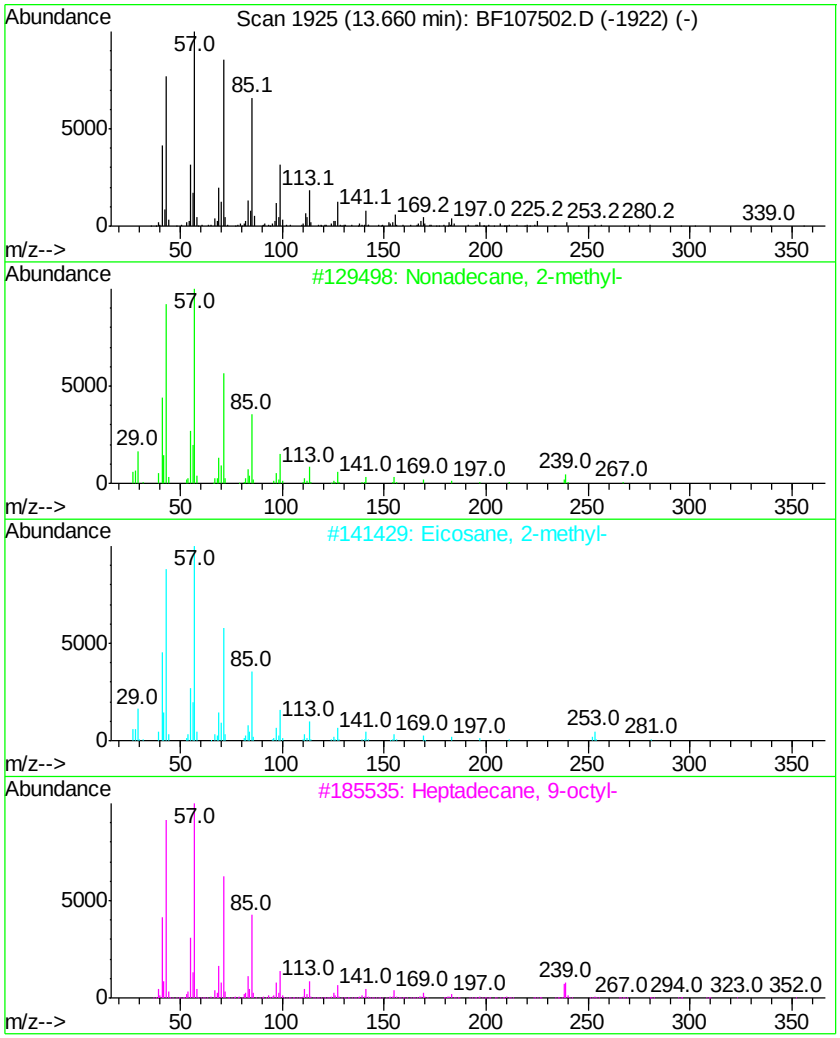
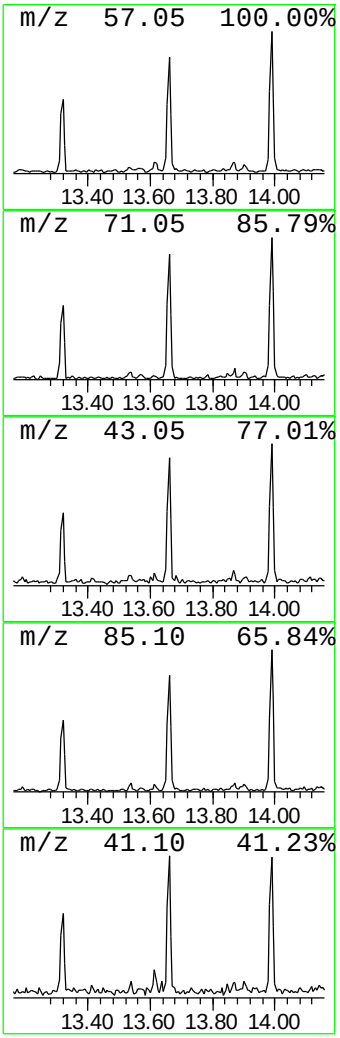
Peak Number 14 Nonadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	64.24 ng	611802	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Sample : J4033-03
Misc :
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ClientSampleId : 071618-DBRI-F-D-B

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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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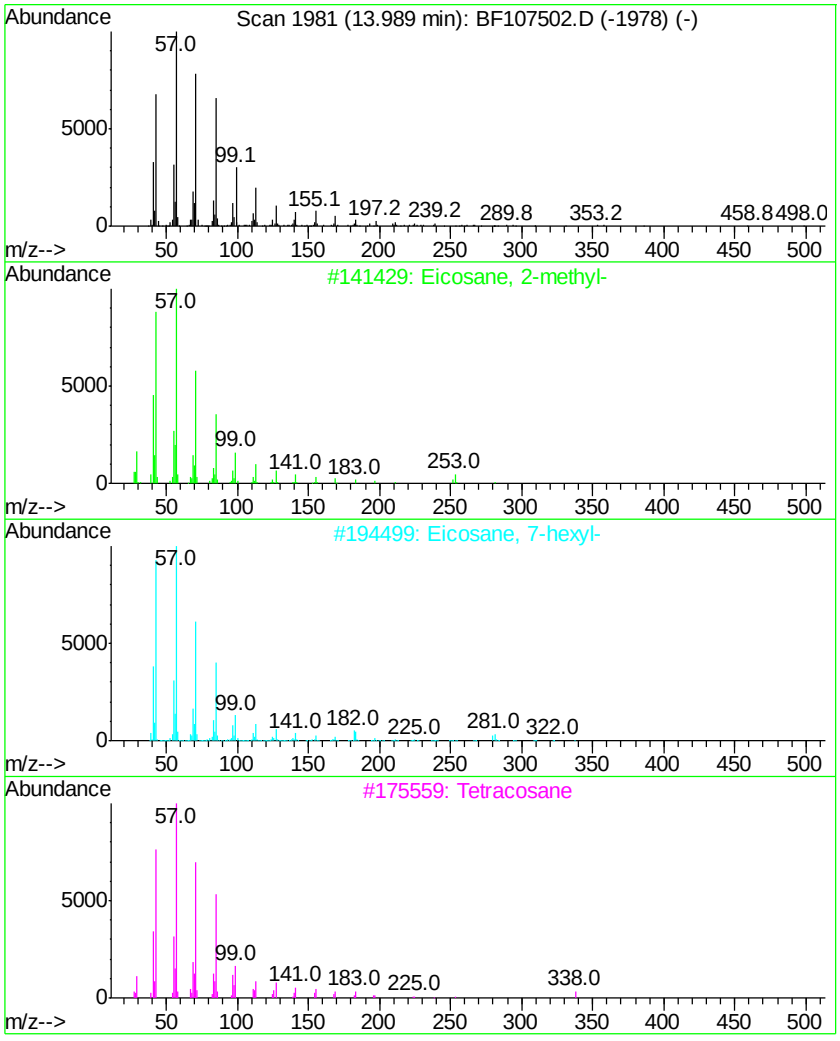
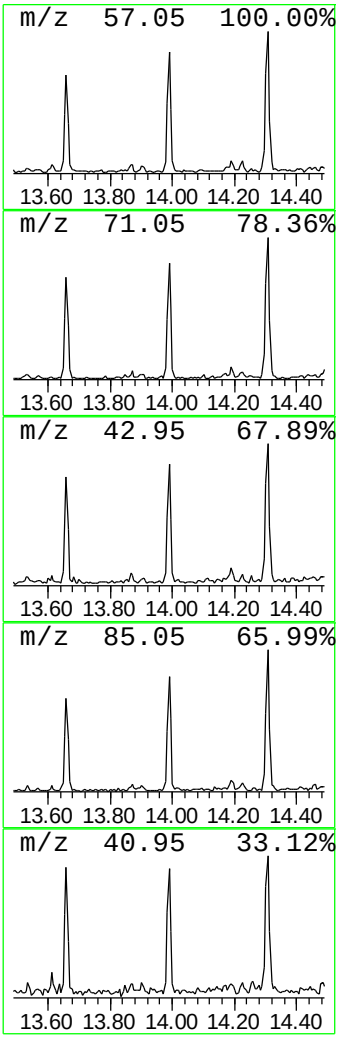
Peak Number 15 Eicosane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	75.75 ng	721409	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
3	Tetracosane	338	C24H50	000646-31-1	83
4	Hexacosane	366	C26H54	000630-01-3	81
5	Triacontane	422	C30H62	000638-68-6	80





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Instrument : BNA_F
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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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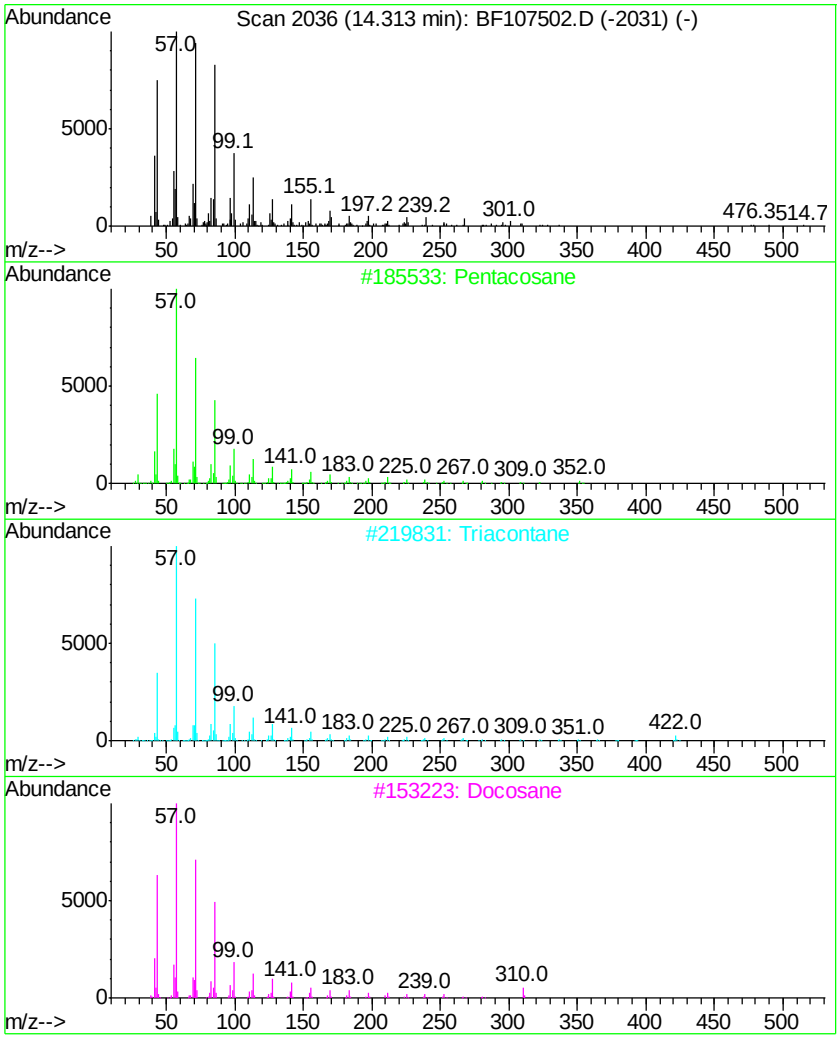
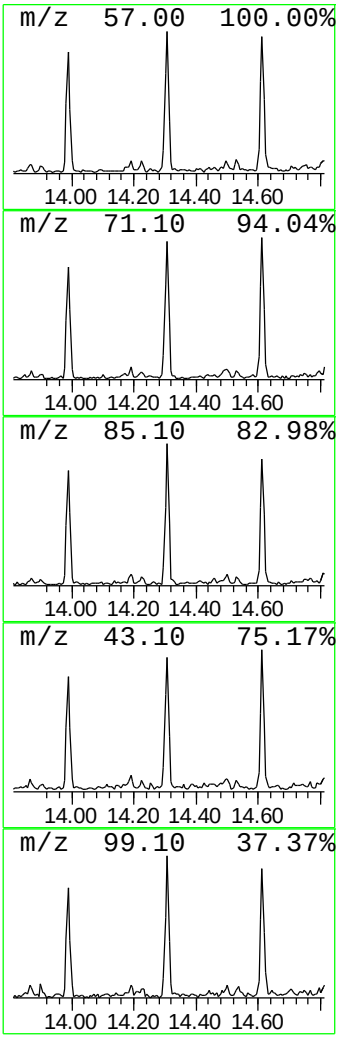
Peak Number 16 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	97.09 ng	924678	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Triacontane	422	C30H62	000638-68-6	83
3	Docosane	310	C22H46	000629-97-0	83
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
5	Heneicosane	296	C21H44	000629-94-7	80





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Sample : J4033-03
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Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

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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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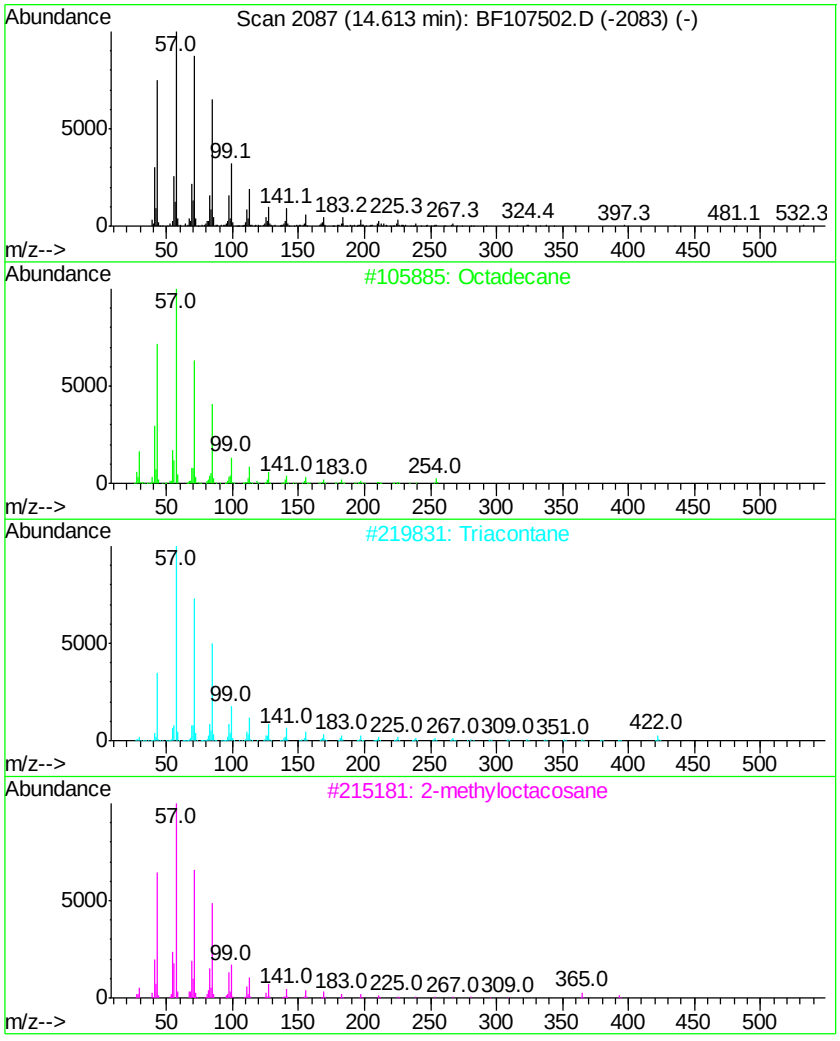
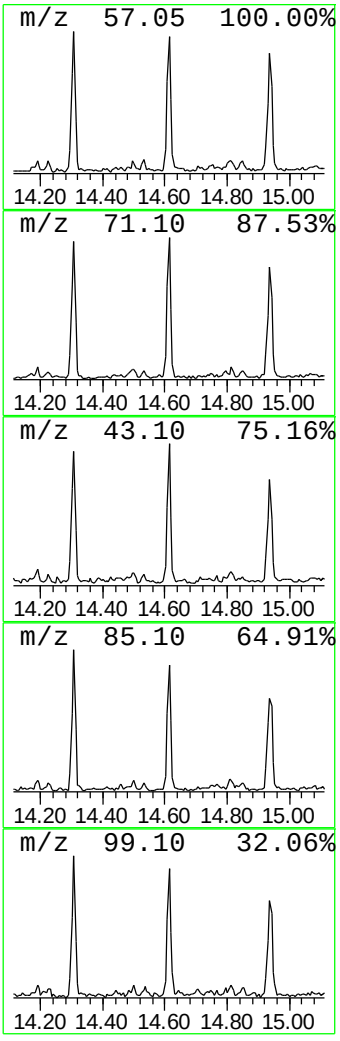
Peak Number 17 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	103.09 ng	981808	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	87
2	Triacontane	422	C30H62	000638-68-6	83
3	2-methyloctacosane	408	C29H60	1000376-72-8	83
4	Hentriacontane	437	C31H64	000630-04-6	81
5	Heneicosane	296	C21H44	000629-94-7	80





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Sample : J4033-03
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ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

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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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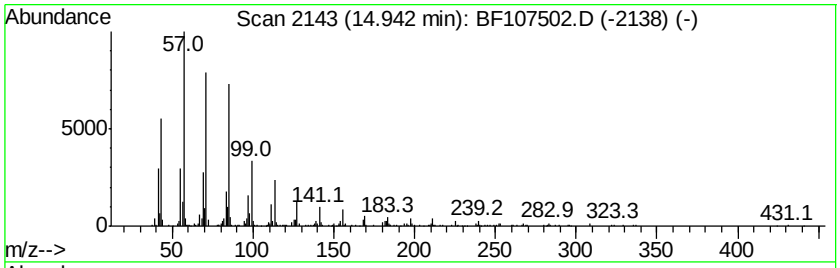
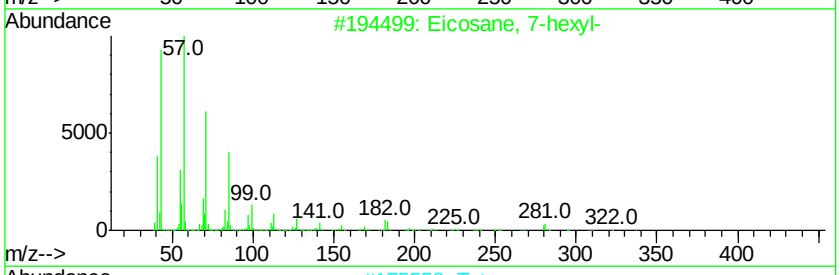
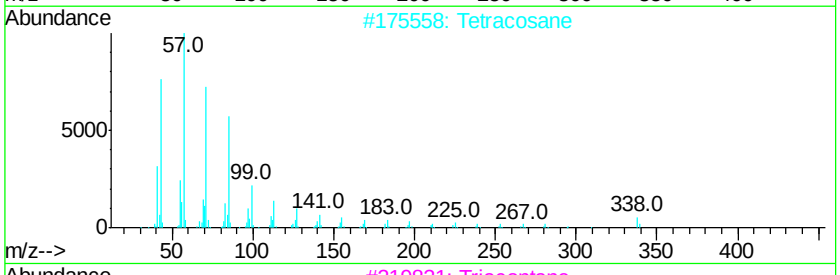
Peak Number 18 Eicosane, 7-hexyl- Concentration Rank 10

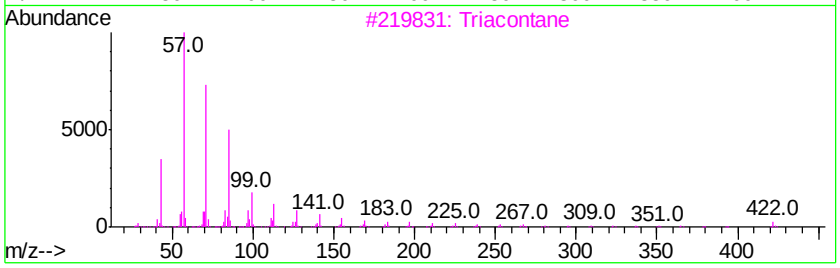
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	23.07 ng	917982	Perylene-d12	15.71

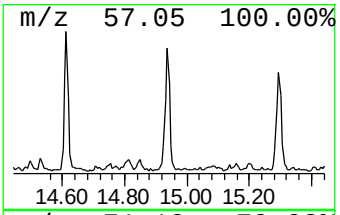
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
2	Tetracosane	338	C24H50	000646-31-1	86
3	Triacontane	422	C30H62	000638-68-6	80
4	Docosane	310	C22H46	000629-97-0	80
5	Hentriacontane	437	C31H64	000630-04-6	80

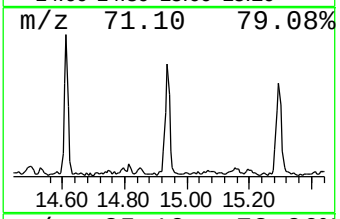


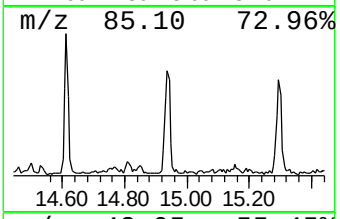


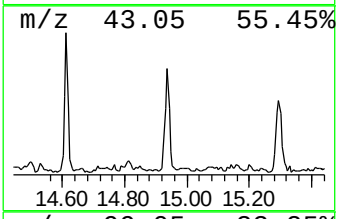


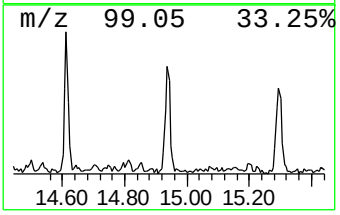












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

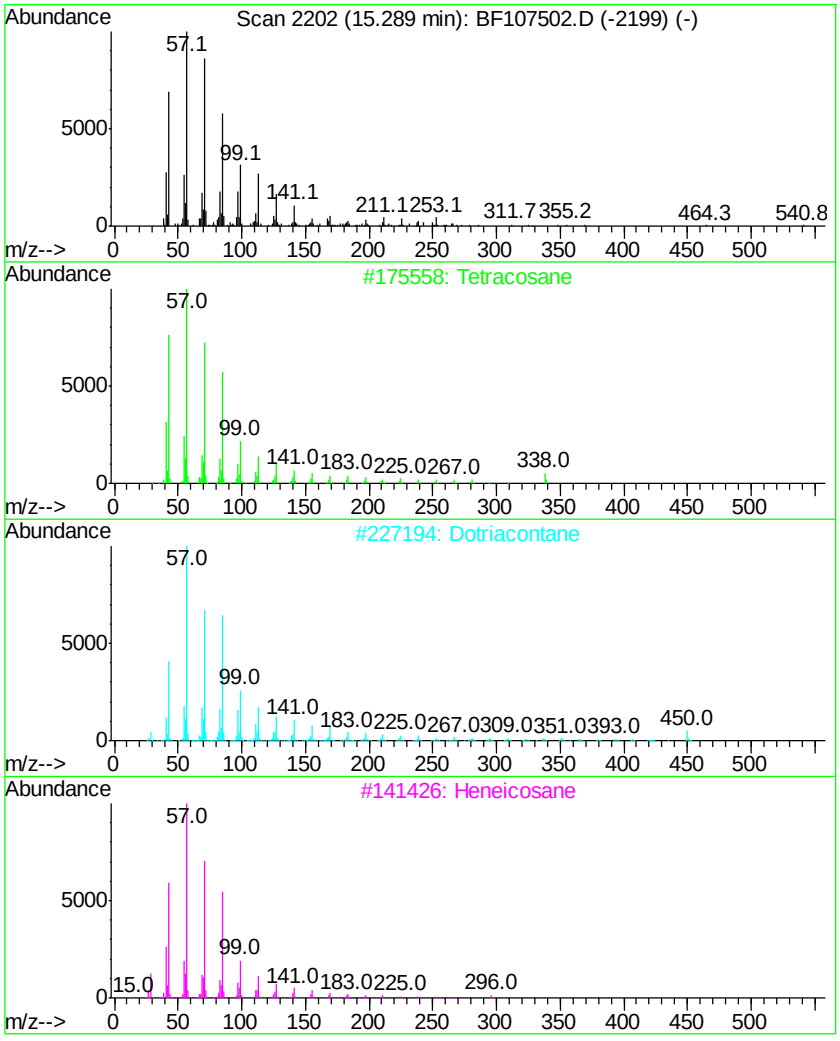
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

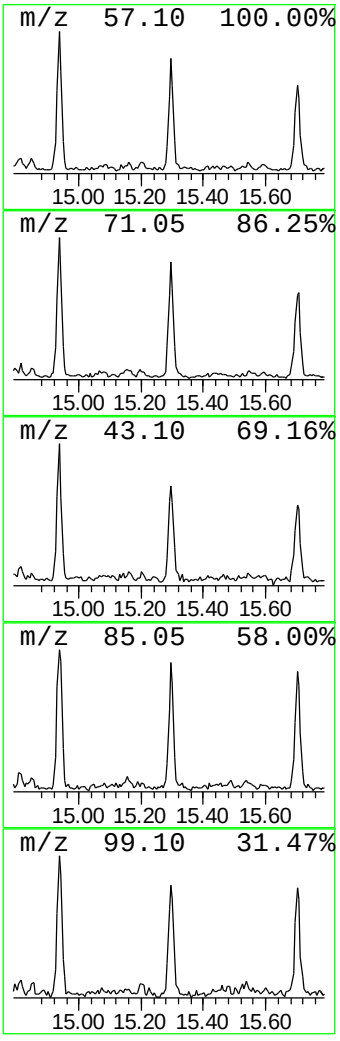
****

Peak Number 19 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	20.29 ng	807245	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Dotriacontane	451	C32H66	000544-85-4	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Docosane	310	C22H46	000629-97-0	87
5	Pentacosane	352	C25H52	000629-99-2	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

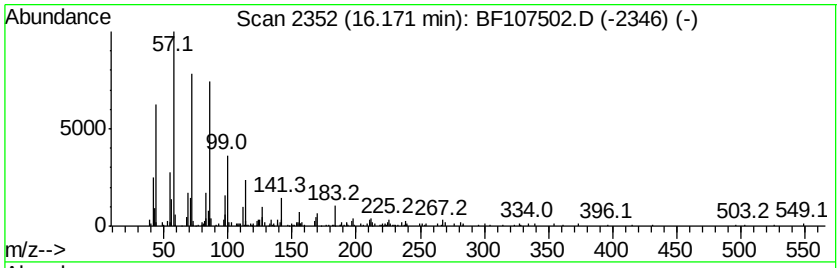
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

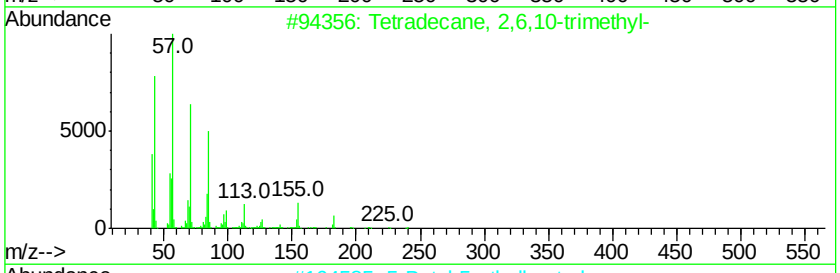
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

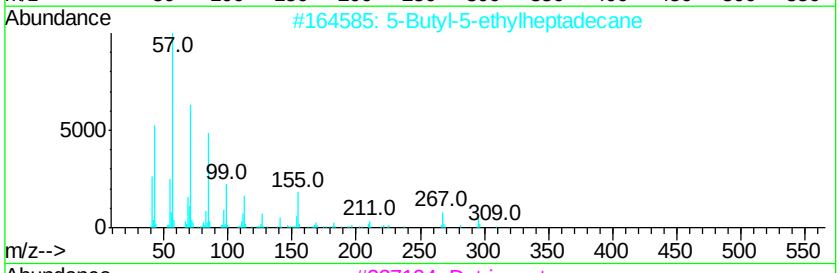
****
Peak Number 20 Tetradecane, 2,6,10-trimethyl- Concentration Rank 19

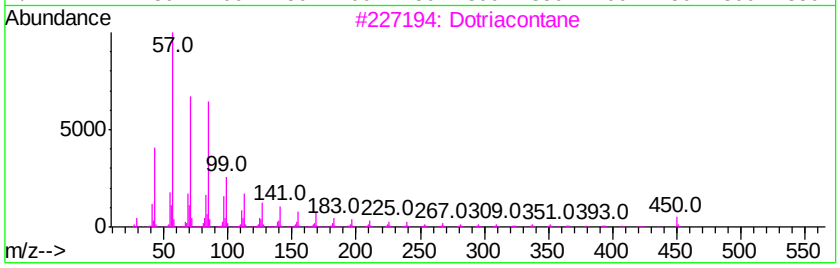
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	15.04 ng	598511	Perylene-d12	15.71

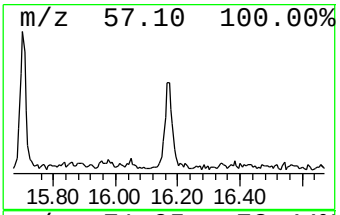
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
2	5-Butyl-5-ethylheptadecane	324	C23H48	1000360-43-0	86
3	Dotriacontane	451	C32H66	000544-85-4	86
4	Tetracosane	338	C24H50	000646-31-1	80
5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	80

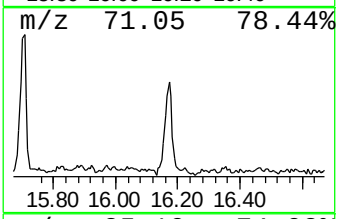


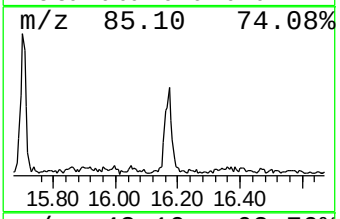


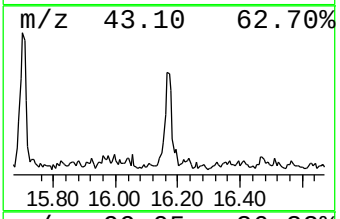


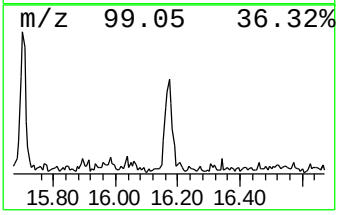












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107502.D
Acq On : 19 Jul 2018 8:28
Operator : JU/SJ
Sample : J4033-03
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 071618-DBRI-F-D-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
unknown3.82	3.82	18.3	ng	806387	1	6.98	881563	20.0
3-Penten-2-one, 4...	4.66	232.3	ng	10241600	1	6.98	881563	20.0
Cyclotrisiloxane,...	4.87	81.0	ng	3572420	1	6.98	881563	20.0
unknown6.75	6.75	54.8	ng	2417260	1	6.98	881563	20.0
Cyclopentasiloxan...	7.71	19.2	ng	1013140	2	8.27	1057720	20.0
2-Cyclopenten-1-o...	9.07	16.6	ng	878597	2	8.27	1057720	20.0
Sulphuric acid di...	9.28	14.6	ng	159511	3	10.02	218778	20.0
Tridecanoic acid,...	11.90	16.6	ng	544576	4	11.52	656030	20.0
n-Hexadecanoic acid	12.04	16.9	ng	552676	4	11.52	656030	20.0
unknown12.91	12.91	21.3	ng	202416	5	14.17	190475	20.0
Octacosane	12.96	21.5	ng	204927	5	14.17	190475	20.0
Hexadecane, 2,6,1...	13.32	44.8	ng	426746	5	14.17	190475	20.0
Nonadecane, 2-met...	13.66	64.2	ng	611802	5	14.17	190475	20.0
Eicosane, 2-methyl-	13.99	75.8	ng	721409	5	14.17	190475	20.0
Pentacosane	14.31	97.1	ng	924678	5	14.17	190475	20.0
Octadecane	14.61	103.1	ng	981808	5	14.17	190475	20.0
Eicosane, 7-hexyl-	14.94	23.1	ng	917982	6	15.71	795878	20.0
Tetracosane	15.29	20.3	ng	807245	6	15.71	795878	20.0
Tetradecane, 2,6,...	16.17	15.0	ng	598511	6	15.71	795878	20.0