LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
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_F\METHODS\8270-BF010918.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	3.281	172	203	206	rBV	702335	4849706	64.73%	7.144%
2	4.945	482	486	498	rVB	336438	645063	8.61%	0.950%
3	5.345	547	554	557	rBV	5574151	6989258	93.29%	10.296%
4	6.369	715	728	732	rBV	5211763	7492240	100.00%	11.037%
5	6.498	744	750	753	rBV	5680950	6832317	91.19%	10.065%
6	6.557	757	760	765	rVV	118140	93719	1.25%	0.138%
7	6.728	785	789	792	rBV	1682020	1423214	19.00%	2.097%
8	6.886	810	816	819	rBV	5197503	5302423	70.77%	7.811%
9	7.298	879	886	888	rBV	3772515	4689231	62.59%	6.908%
10	7.728	952	959	963	rBV	64662	74964	1.00%	0.110%
11	8.004	1002	1006	1010	rBV	2059517	1882655	25.13%	2.773%
12	8.563	1097	1101	1106	rBV	172686	137649	1.84%	0.203%
13	9.092	1184	1191	1194	rBV	6069207	7058436	94.21%	10.398%
14	9.480	1252	1257	1260	rBV	1600202	1297089	17.31%	1.911%
15	9.757	1297	1304	1308	rBV	1969080	1881868	25.12%	2.772%
16	10.474	1422	1426	1429	rBV	389045	335912	4.48%	0.495%
17	10.551	1432	1439	1442	rBV	3485736	3761876	50.21%	5.542%
18	10.680	1456	1461	1467	rBV2	135152	203346	2.71%	0.300%
19	11.145	1537	1540	1546	rVB	182604	208137	2.78%	0.307%
20	11.239	1552	1556	1562	rBV	1847391	1728337	23.07%	2.546%
21	11.298	1562	1566	1570	rVV3	56450	105126	1.40%	0.155%
22	11.463	1591	1594	1597	rBV2	94557	135198	1.80%	0.199%
23	11.492	1597	1599	1602	rVV3	88780	82969	1.11%	0.122%
24	11.633	1620	1623	1626	rBV2	161641	169201	2.26%	0.249%
25	11.774	1644	1647	1650	rBV2	396353	404666	5.40%	0.596%
26	11.886	1663	1666	1669	rVB	103449	99630	1.33%	0.147%
27	12.051	1691	1694	1700	rBV	429081	389034	5.19%	0.573%
28	12.445	1758	1761	1763	rBV2	95991	120558	1.61%	0.178%
29	12.498	1764	1770	1777	rVV	935817	1289440	17.21%	1.899%
30	12.833	1822	1827	1830	rBV	4628017	4997047	66.70%	7.361%
31	12.939	1843	1845	1853	rVB4	143213	196481	2.62%	0.289%
32	13.721	1975	1978	1983	rBV	380329	363379	4.85%	0.535%
33	13.874	2000	2004	2007	rBV	1122163	1040306	13.89%	1.532%
34	13.921	2009	2012	2020	rVB3	227768	253527	3.38%	0.373%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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_F\METHODS\8270-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.509	2109	2112	2120	rVB	379666	362820	4.84%	0.534%
36	15.292	2240	2245	2249	rBV	881720	987593	13.18%	1.455%

Sum of corrected areas: 67884415

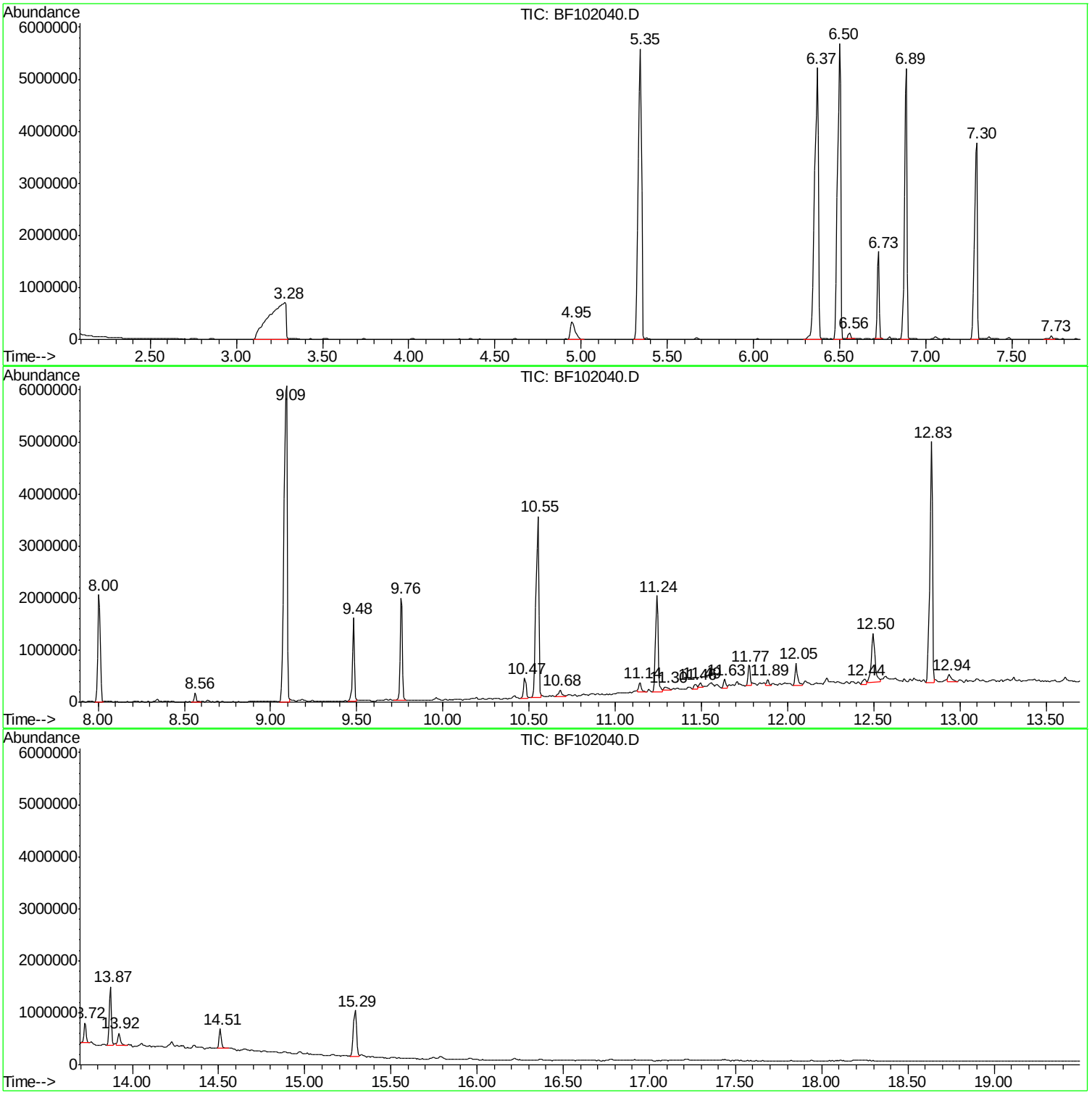
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

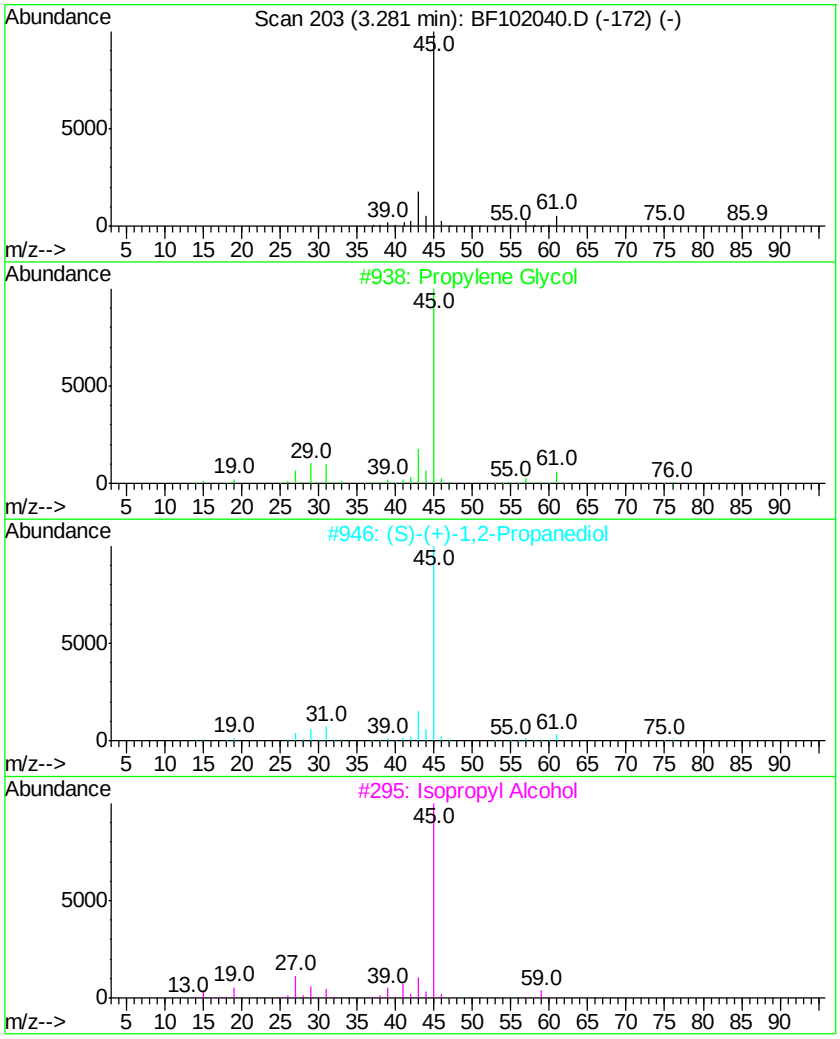
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

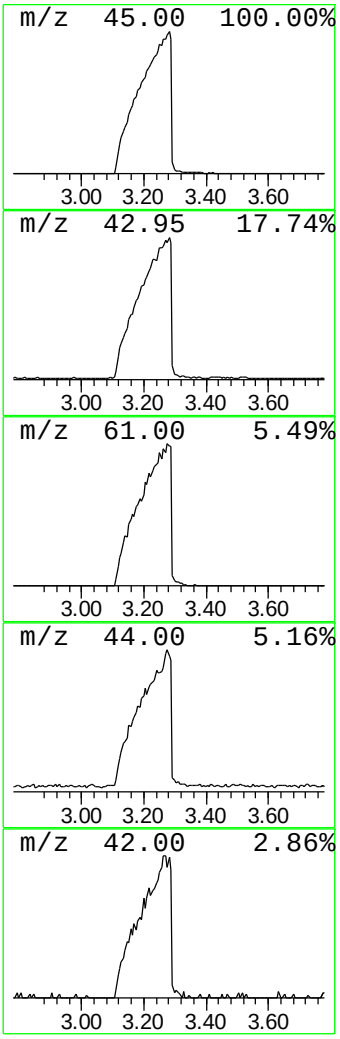
****

Peak Number 1 Propylene Glycol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	68.15 ng	4849710	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	9
5	Formamide	45	CH3NO	000075-12-7	7





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

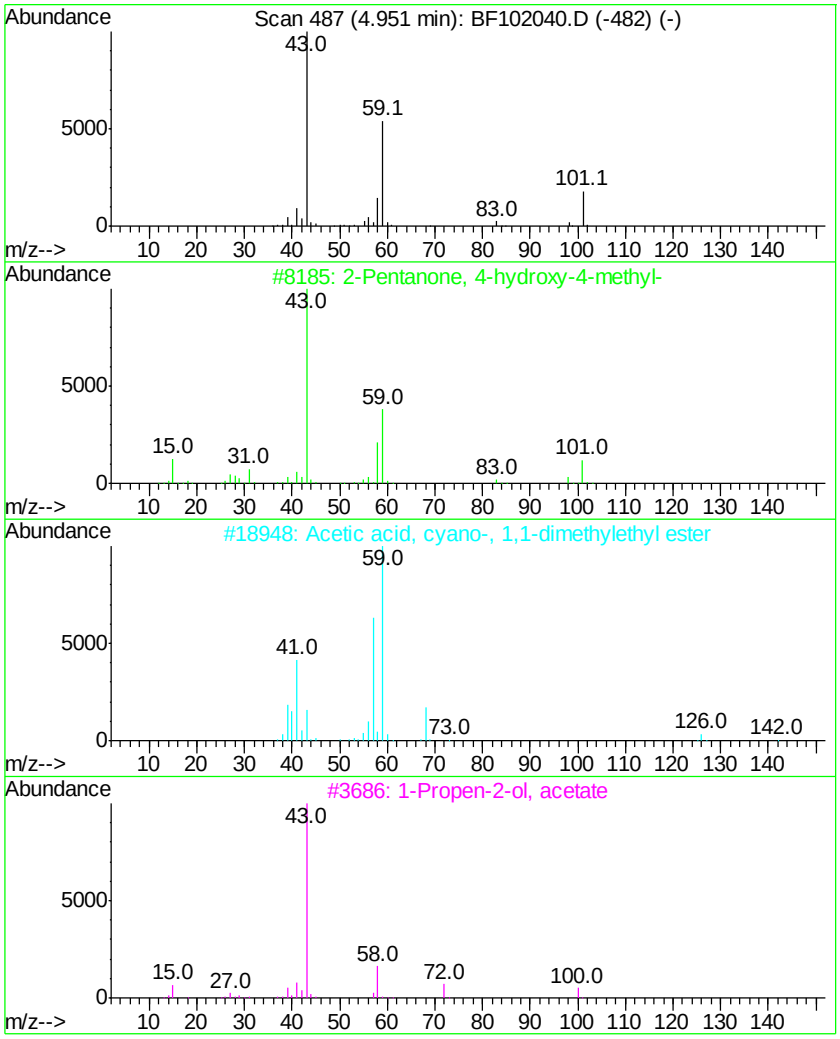
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

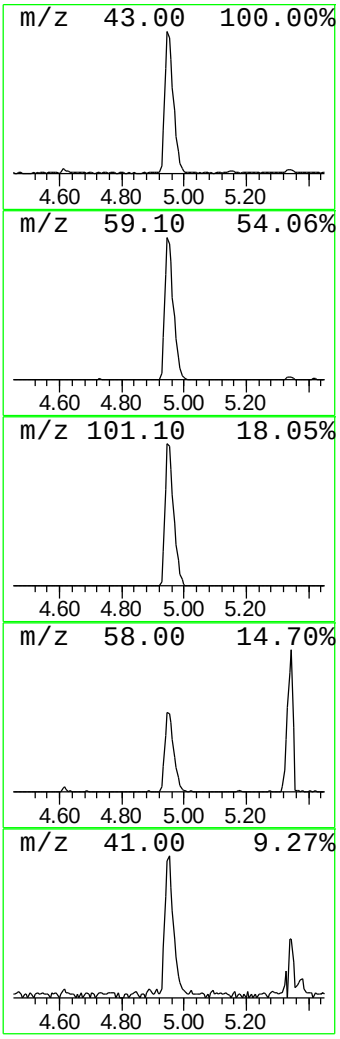
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	9.06 ng	645063	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

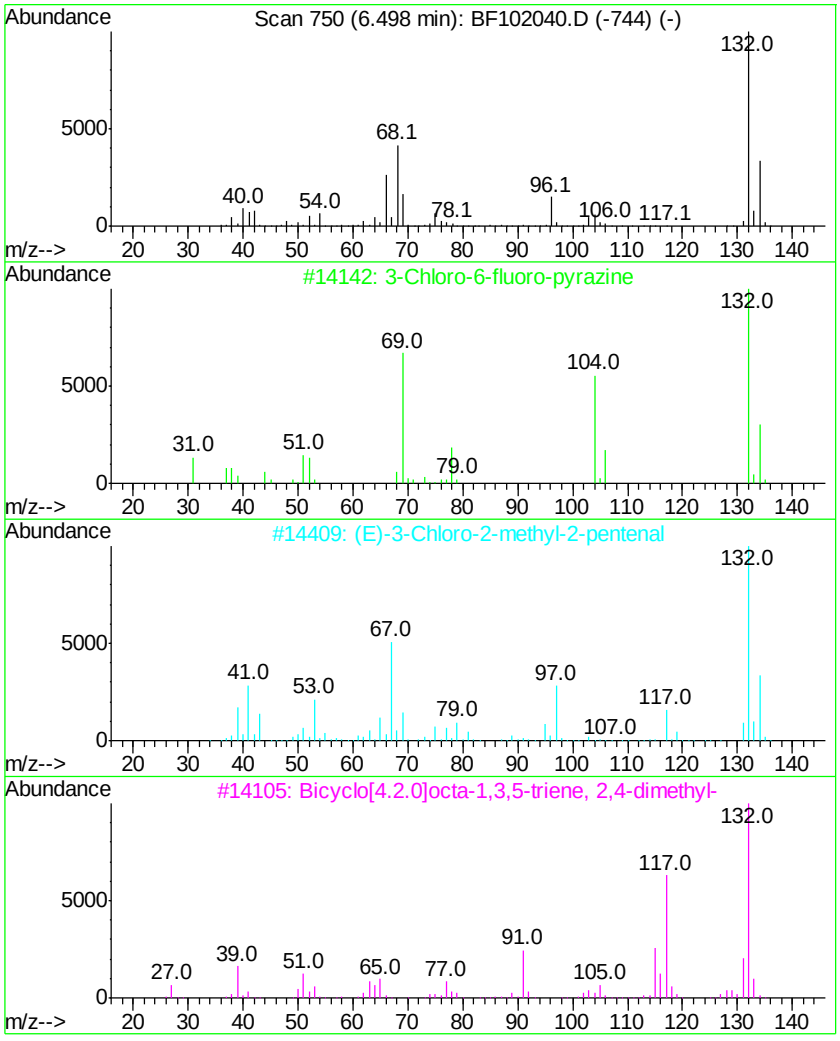
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

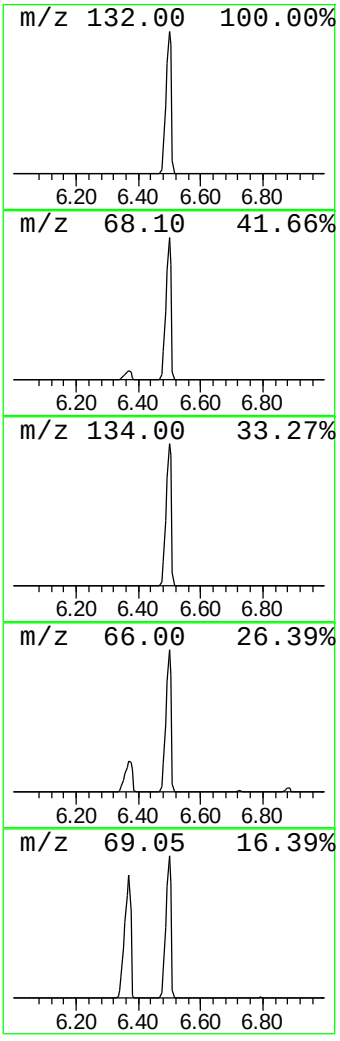
****

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	96.01 ng	6832320	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

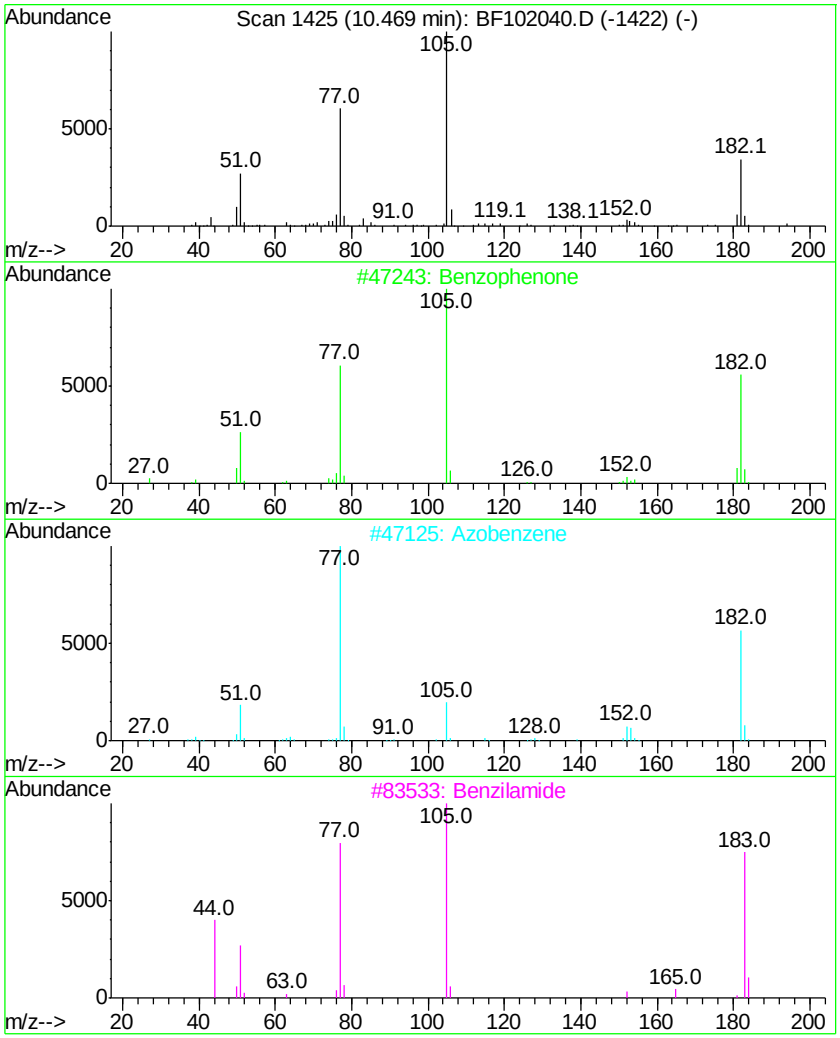
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

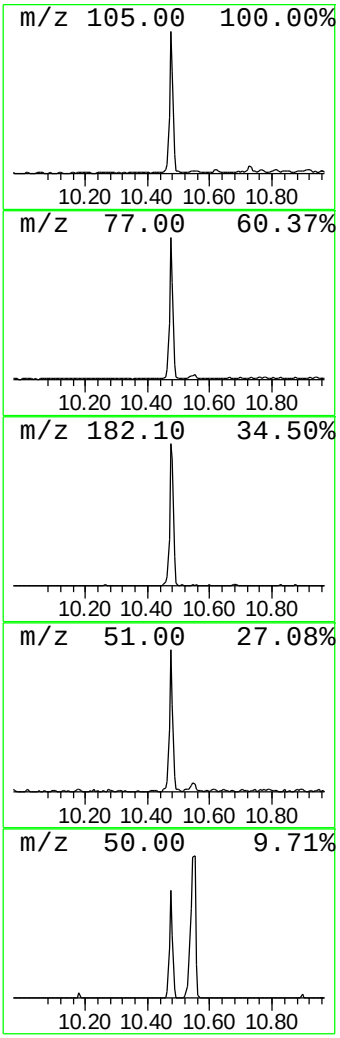
****

Peak Number 5 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	3.57 ng	335912	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzilamide	227	C14H13NO2	004746-87-6	50
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

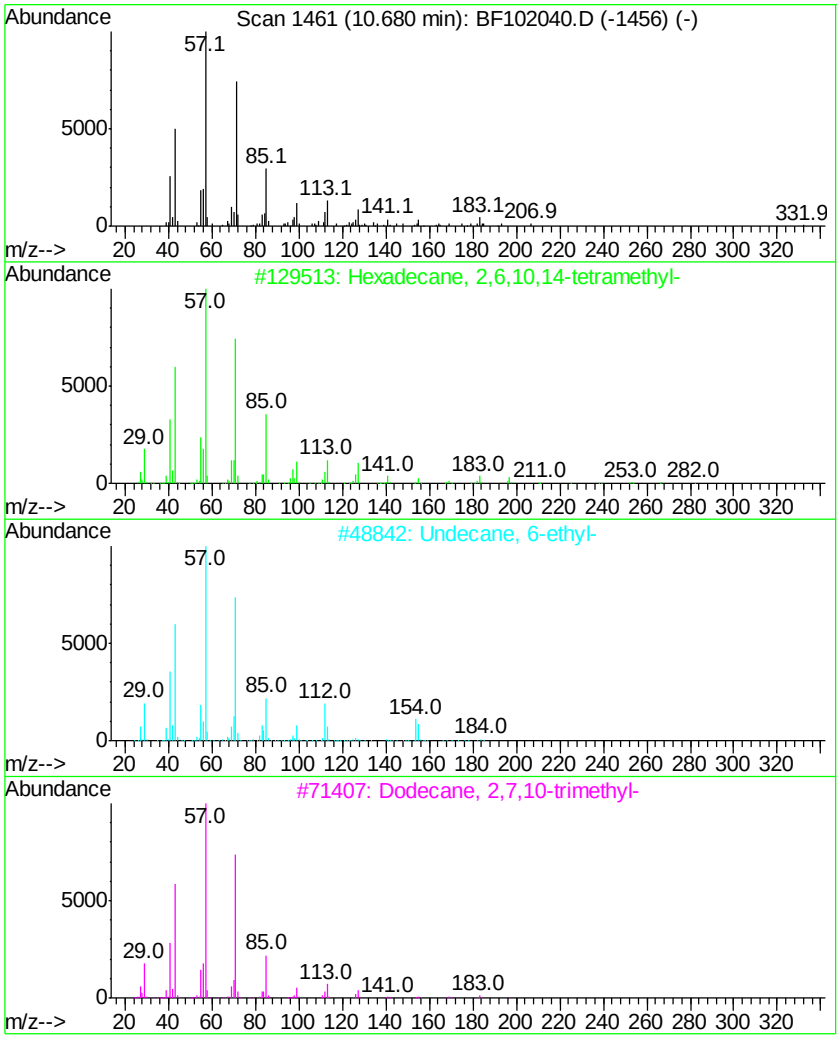
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

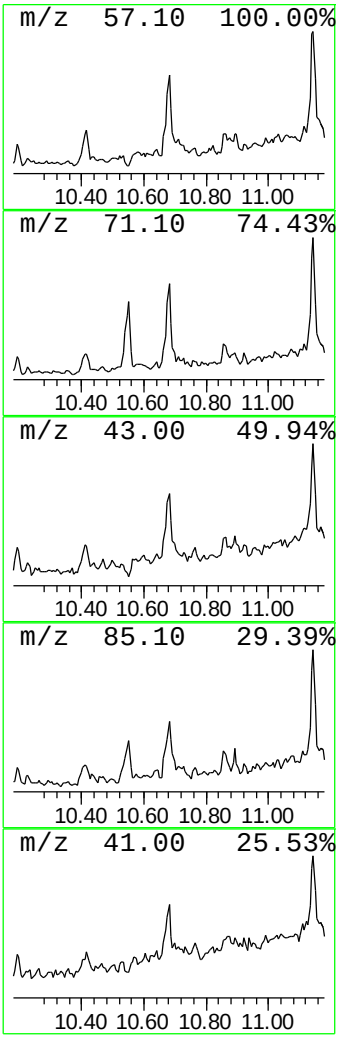
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	2.35 ng	203346	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	87
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

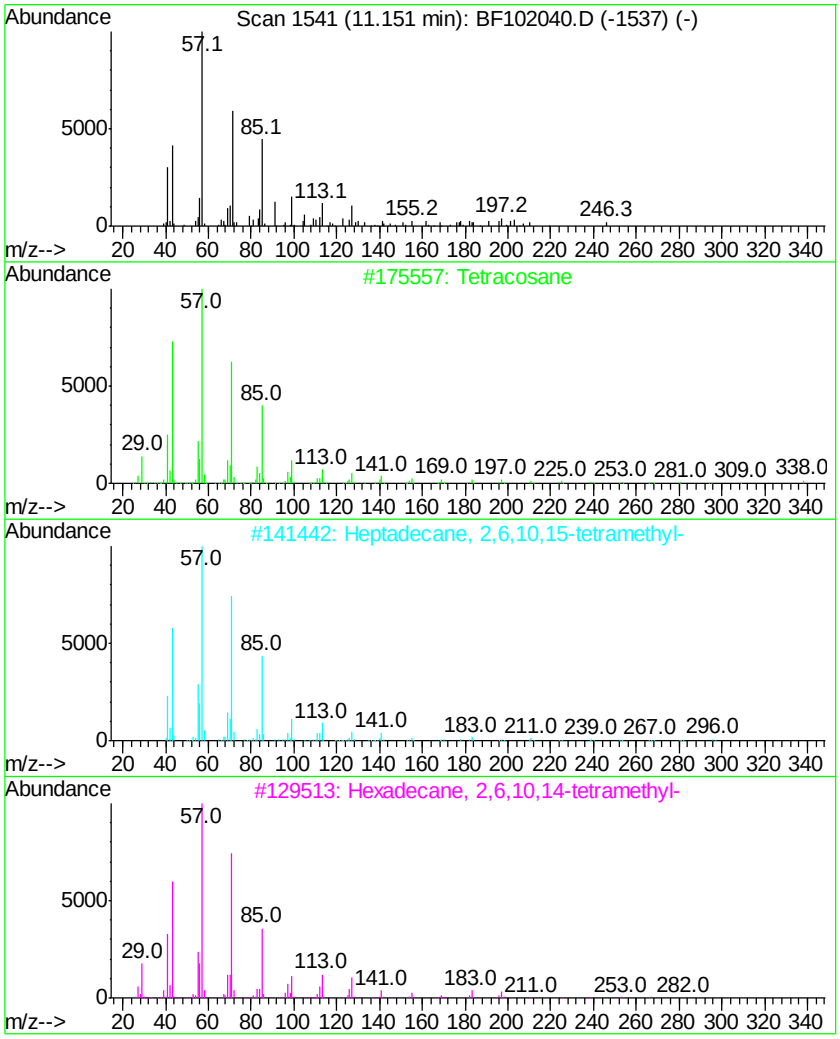
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

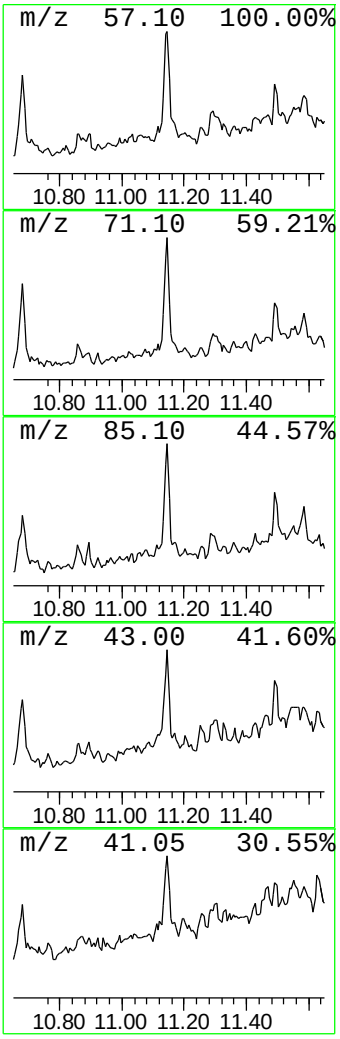
****

Peak Number 7 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.41 ng	208137	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	78





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

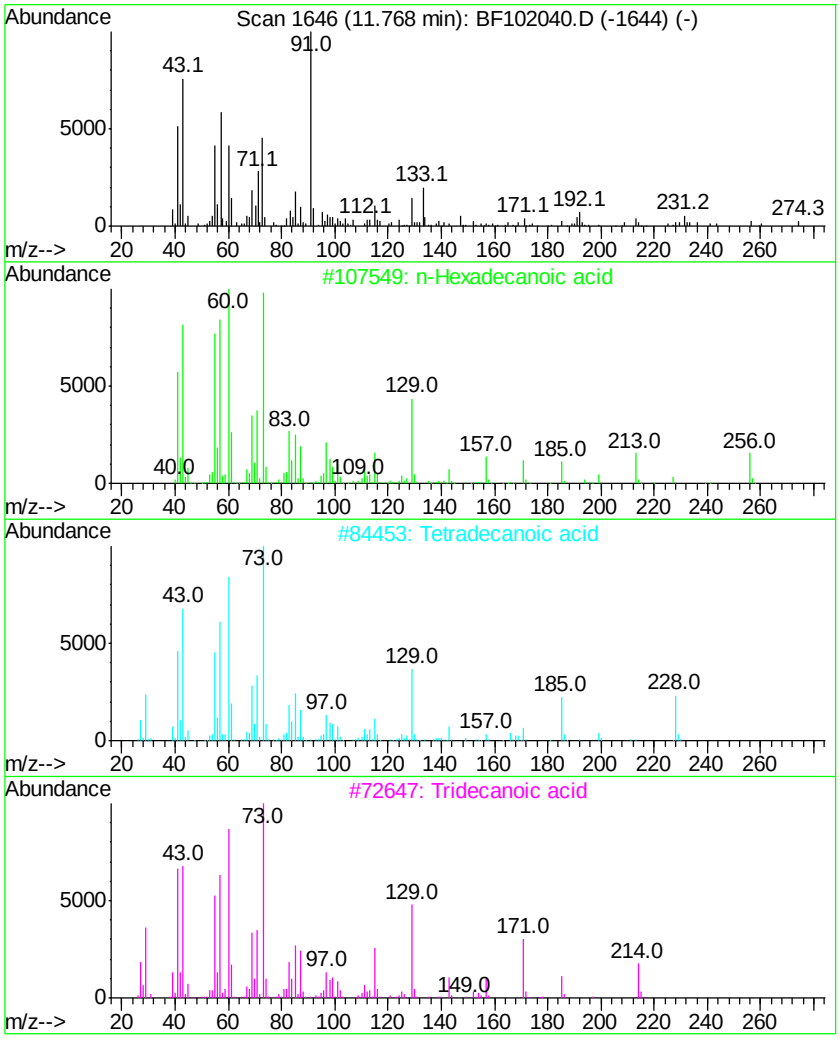
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

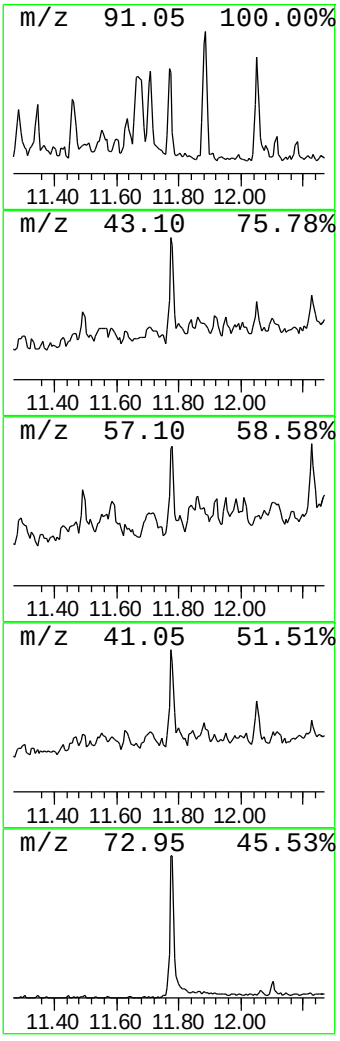
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.68 ng	404666	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

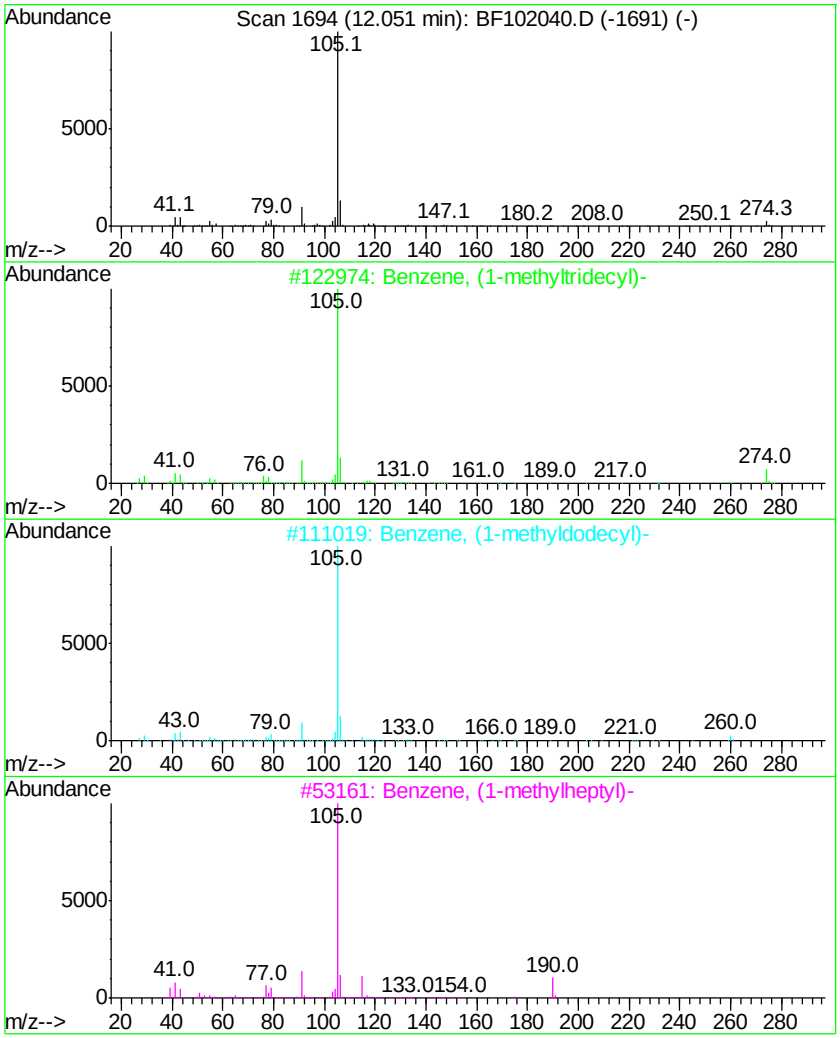
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

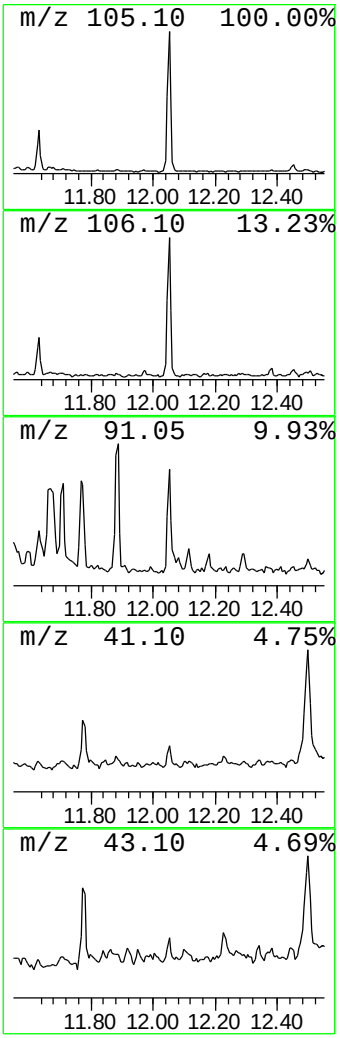
****

Peak Number 9 Benzene, (1-methyltridecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.50 ng	389034	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	87
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	72
3	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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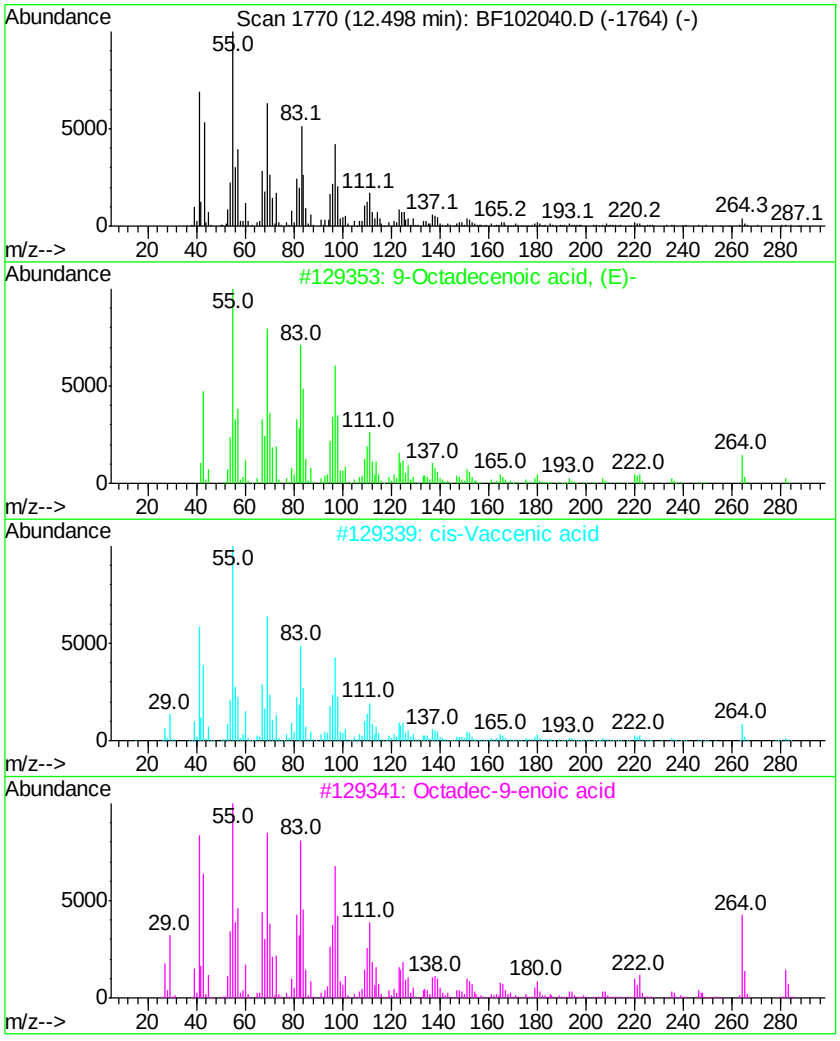
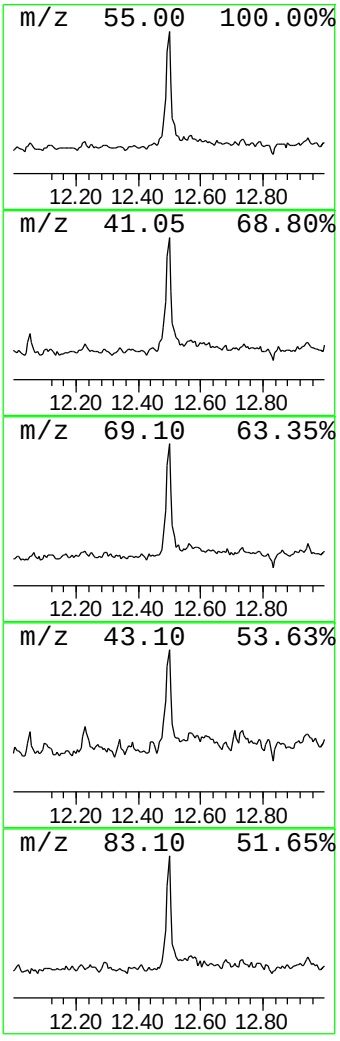
Peak Number 10 9-Octadecenoic acid, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	14.92 ng	1289440	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	99
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	99
3	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	99
4	Oleic Acid	282	C18H34O2	000112-80-1	99
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	94





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Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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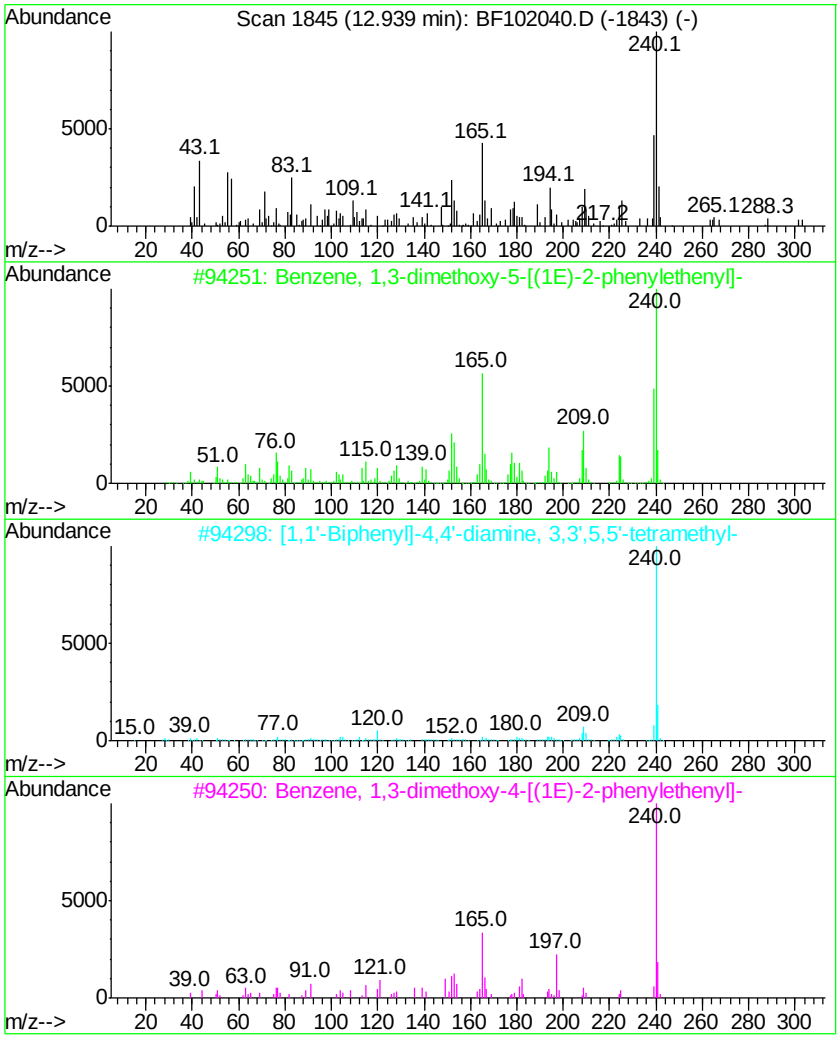
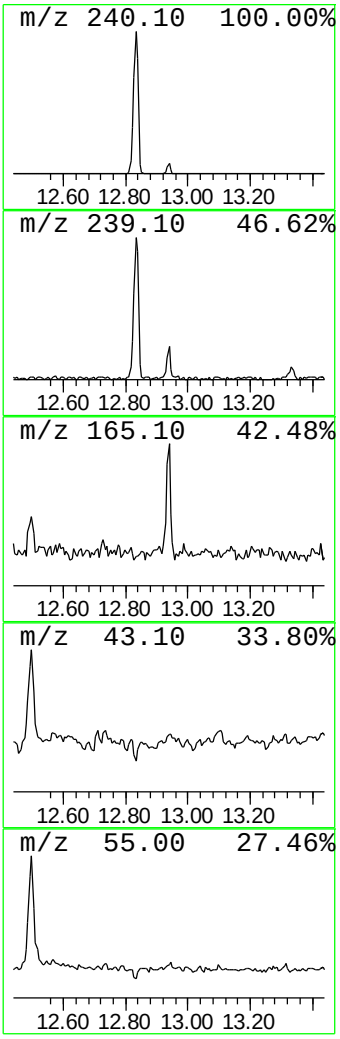
Peak Number 11 Benzene, 1,3-dimethoxy-5-[(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	3.78 ng	196481	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethoxy-5-[(1E)-2...	240	C16H16O2	021956-56-9	90
2	[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	55
3	Benzene, 1,3-dimethoxy-4-[(1E)-2...	240	C16H16O2	1000368-46-0	52
4	4-[2-(4-Hydroxy-phenyl)-vinyl]-b...	240	C15H12O3	152027-61-7	49
5	5-Methyl-4-(1-naphthyl)-2-thiazo...	240	C14H12N2S	107411-05-2	46





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Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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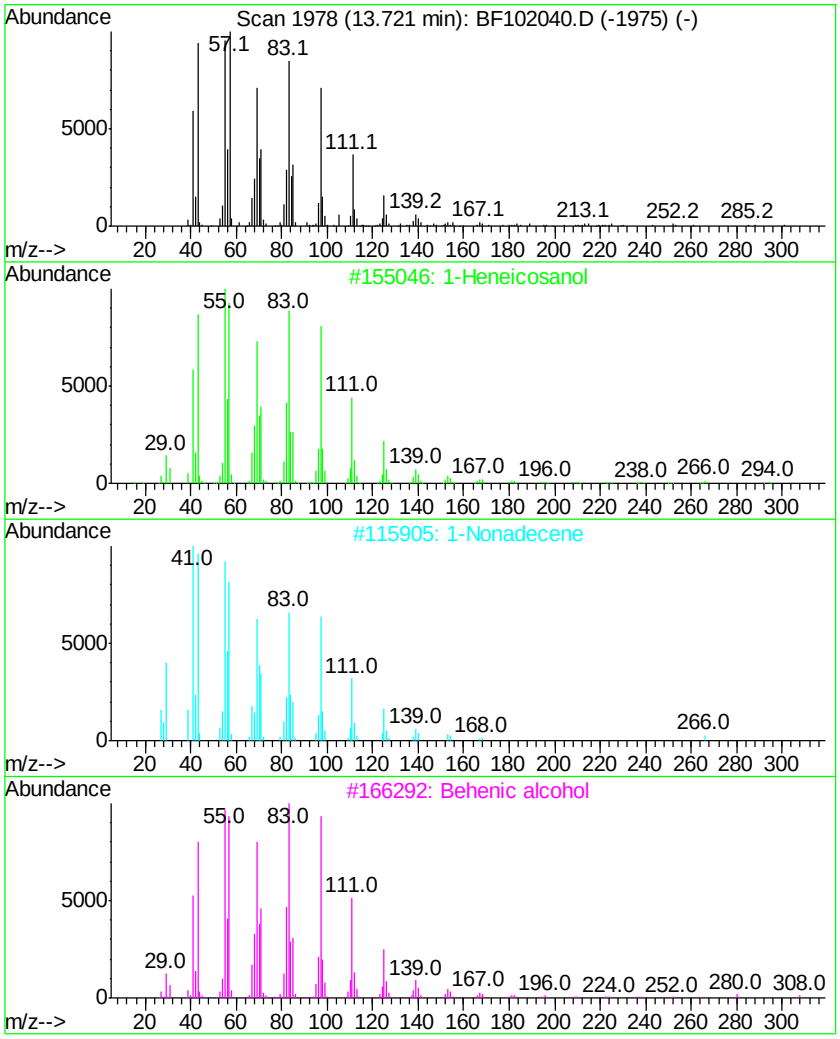
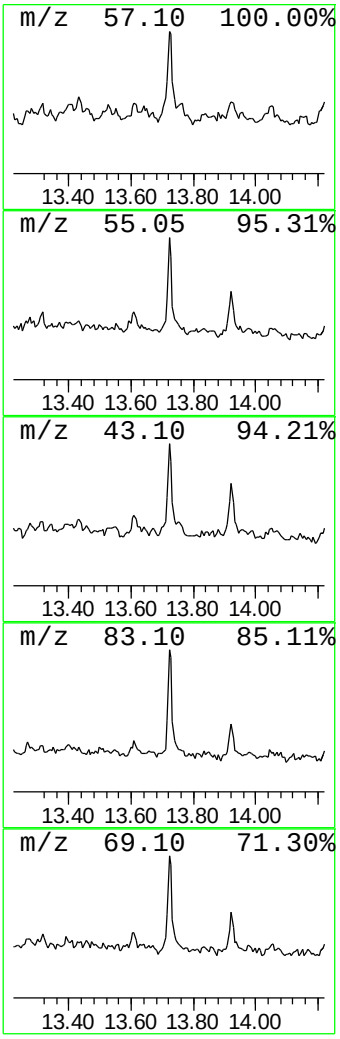
Peak Number 12 1-Heneicosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.99 ng	363379	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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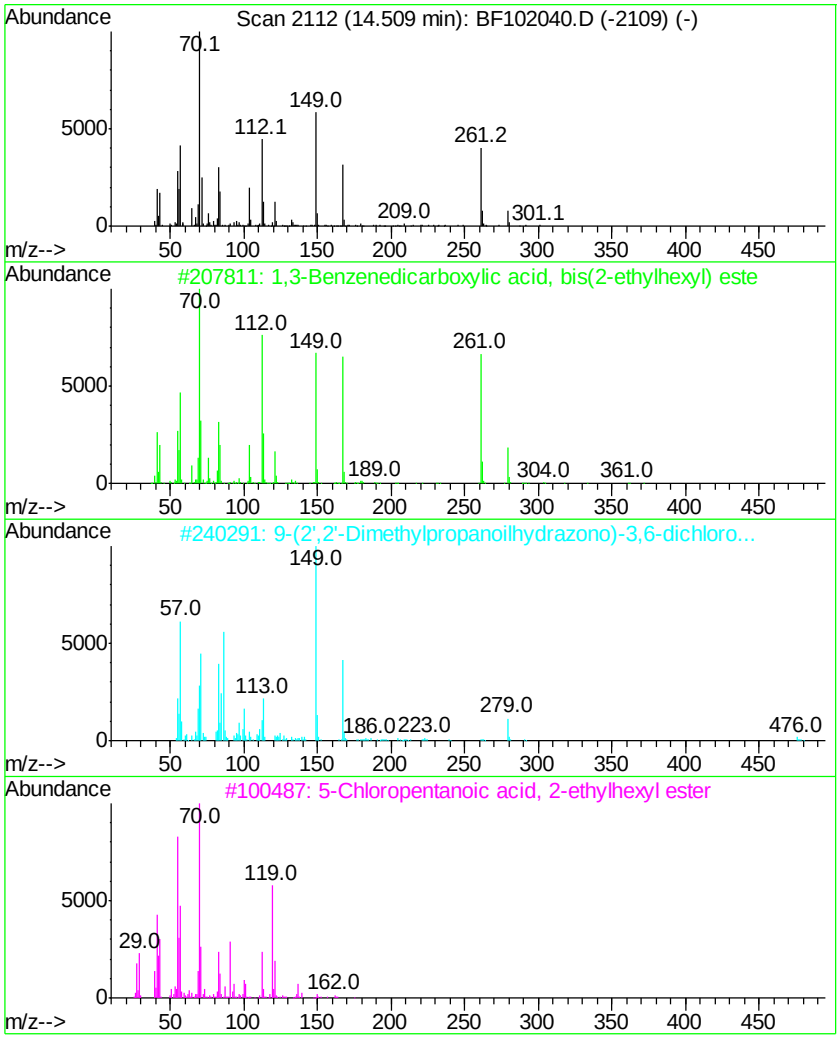
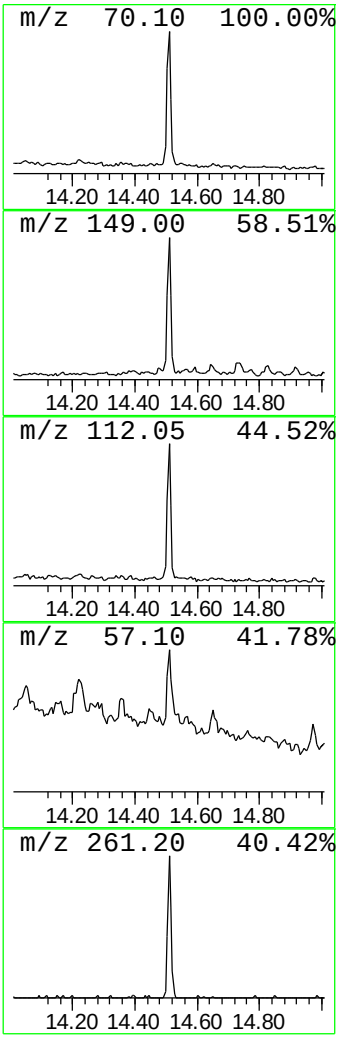
Peak Number 13 1,3-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	6.98 ng	362820	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	62
2	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	25
3	5-Chloropentanoic acid, 2-ethylh...	248	C13H25ClO2	1000293-48-9	22
4	5-Undecene, 3-methyl-, (E)-	168	C12H24	074630-67-4	14
5	Phthalic acid, cyclohexylmethyl ...	374	C21H20F2O4	1000315-61-2	14





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
Propylene Glycol	3.28	68.2	ng	4849710	1	6.73	1423210	20.0
2-Pentanone, 4-hy...	4.95	9.1	ng	645063	1	6.73	1423210	20.0
unknown6.50	6.50	96.0	ng	6832320	1	6.73	1423210	20.0
Benzophenone	10.47	3.6	ng	335912	3	9.76	1881870	20.0
Hexadecane, 2,6,1...	10.68	2.4	ng	203346	4	11.24	1728340	20.0
Tetracosane	11.15	2.4	ng	208137	4	11.24	1728340	20.0
n-Hexadecanoic acid	11.77	4.7	ng	404666	4	11.24	1728340	20.0
Benzene, (1-methy...	12.05	4.5	ng	389034	4	11.24	1728340	20.0
9-Octadecenoic ac...	12.50	14.9	ng	1289440	4	11.24	1728340	20.0
Benzene, 1,3-dime...	12.94	3.8	ng	196481	5	13.87	1040310	20.0
1-Heneicosanol	13.72	7.0	ng	363379	5	13.87	1040310	20.0
1,3-Benzenedicarb...	14.51	7.0	ng	362820	5	13.87	1040310	20.0