LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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-BF121418.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	3.687	264	272	283	rBV	1508123	2563321	13.78%	2.798%
2	3.799	283	291	296	rBV	3749071	5643864	30.34%	6.161%
3	6.434	733	739	756	rBV2	1449695	1504527	8.09%	1.642%
4	6.557	756	760	768	rVB	565886	539175	2.90%	0.589%
5	6.787	795	799	802	rBV	1774686	1495315	8.04%	1.632%
6	6.851	807	810	821	rVV	357412	375805	2.02%	0.410%
7	6.940	822	825	829	rVB	625755	502729	2.70%	0.549%
8	7.187	864	867	873	rBV	260765	257407	1.38%	0.281%
9	7.328	887	891	905	rBV2	940898	1143643	6.15%	1.248%
10	7.634	906	943	944	rBV	3771733	18604015	100.00%	20.309%
11	7.687	950	952	954	rVB	4412485	3106374	16.70%	3.391%
12	7.981	996	1002	1012	rBV	1553011	1616470	8.69%	1.765%
13	8.069	1013	1017	1021	rVV	2478911	1967484	10.58%	2.148%
14	8.234	1042	1045	1050	rVB2	280928	359462	1.93%	0.392%
15	8.298	1050	1056	1060	rBV	406566	439399	2.36%	0.480%
16	8.345	1060	1064	1066	rBV	416705	488195	2.62%	0.533%
17	8.387	1069	1071	1080	rVV	2598869	2714474	14.59%	2.963%
18	8.475	1080	1086	1088	rVV2	552840	955809	5.14%	1.043%
19	8.498	1088	1090	1092	rVV	234105	237909	1.28%	0.260%
20	8.522	1092	1094	1098	rVB	358192	297836	1.60%	0.325%
21	9.139	1196	1199	1203	rBV	944485	836904	4.50%	0.914%
22	9.475	1252	1256	1258	rBV	1335900	1166184	6.27%	1.273%
23	9.492	1258	1259	1269	rVB	1473752	1643916	8.84%	1.795%
24	9.639	1279	1284	1287	rBV	9020513	10171752	54.68%	11.104%
25	9.692	1290	1293	1296	rVV	1228612	1061364	5.71%	1.159%
26	9.798	1307	1311	1313	rBV	206485	353088	1.90%	0.385%
27	9.828	1313	1316	1319	rVV	2508747	2238549	12.03%	2.444%
28	9.881	1322	1325	1333	rVB2	535780	626254	3.37%	0.684%
29	9.981	1336	1342	1347	rVB	1656632	1870314	10.05%	2.042%
30	10.033	1348	1351	1359	rVB3	190891	284063	1.53%	0.310%
31	10.604	1445	1448	1453	rBV	481759	439165	2.36%	0.479%
32	10.775	1473	1477	1481	rVB2	364425	481924	2.59%	0.526%
33	11.192	1545	1548	1557	rVB	741062	673756	3.62%	0.735%
34	11.304	1564	1567	1571	rBV	2398683	2022718	10.87%	2.208%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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-BF121418.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.857	1652	1661	1672	rVV	5261871	7741527	41.61%	8.451%
36	12.216	1719	1722	1730	rBV	1339099	1409617	7.58%	1.539%
37	12.545	1772	1778	1780	rBV2	492170	725454	3.90%	0.792%
38	12.580	1780	1784	1787	rVV	4666793	3958223	21.28%	4.321%
39	12.633	1787	1793	1805	rVB	4166903	5101725	27.42%	5.569%
40	12.886	1833	1836	1839	rBV	689920	600584	3.23%	0.656%
41	12.992	1851	1854	1863	rBV	443440	482530	2.59%	0.527%
42	13.939	2011	2015	2022	rBV	1638026	1484190	7.98%	1.620%
43	15.374	2254	2259	2263	rBV	1138567	1418467	7.62%	1.548%

Sum of corrected areas: 91605481

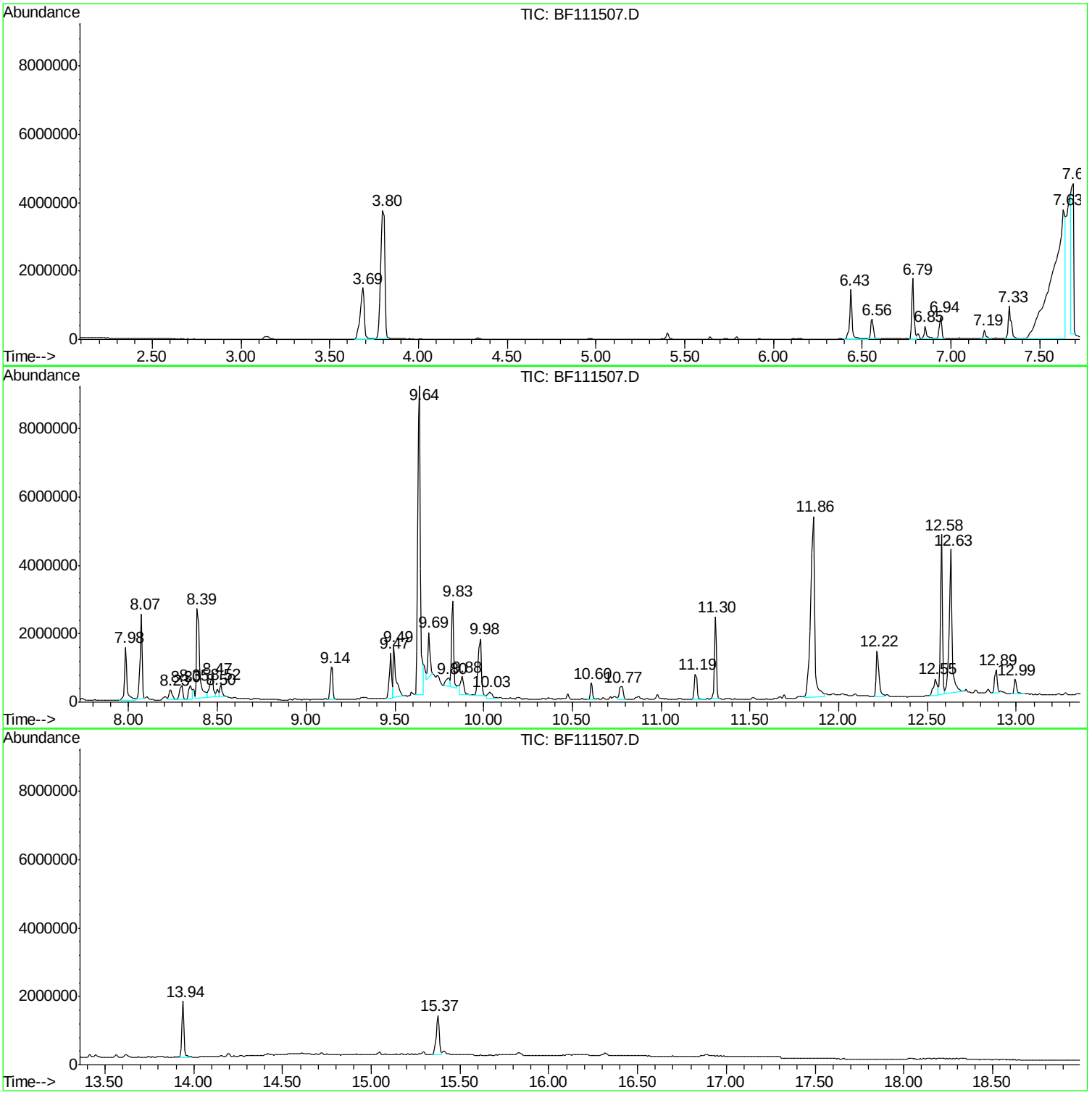
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

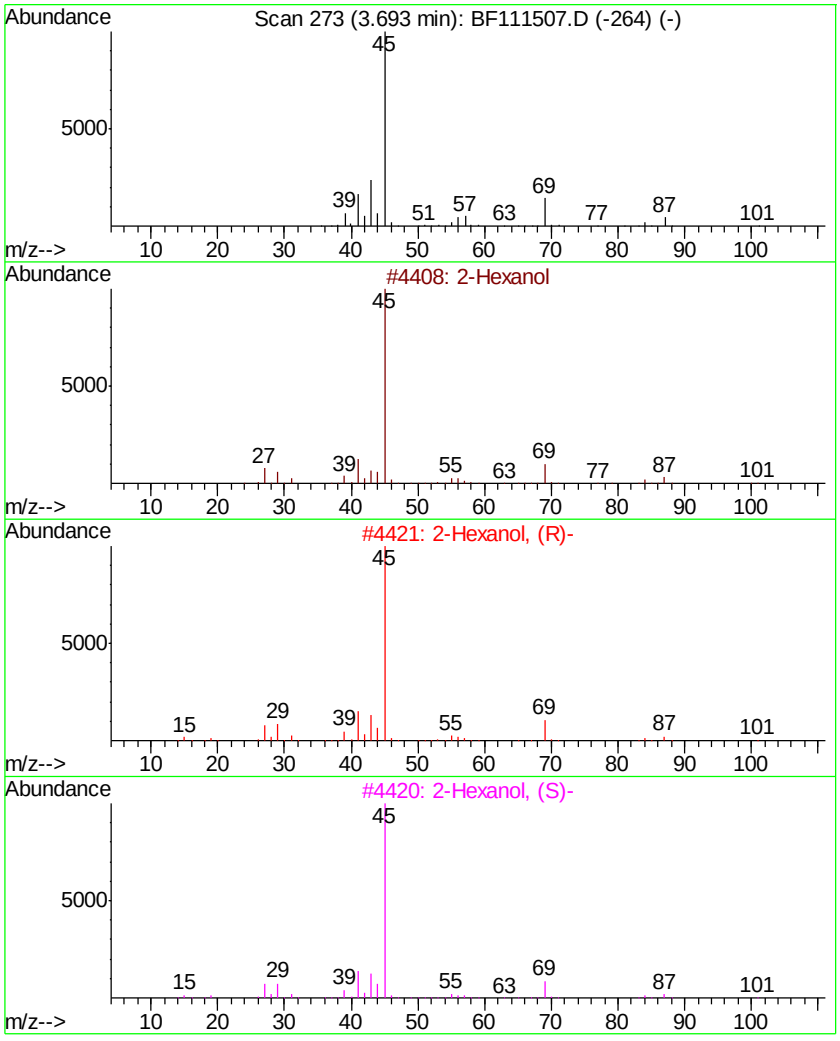
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

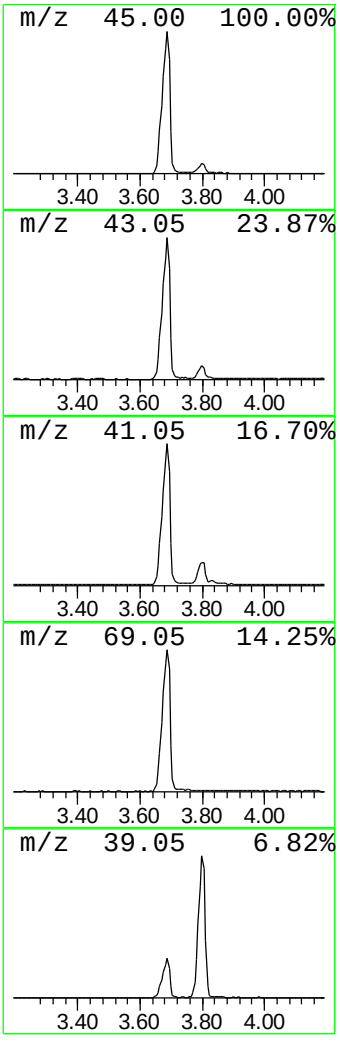
****

Peak Number 1 2-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	34.28 ng	2563320	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Hexanol, (R)-	102	C6H14O	026549-24-6	78
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	47
5	2-Heptanol	116	C7H16O	000543-49-7	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

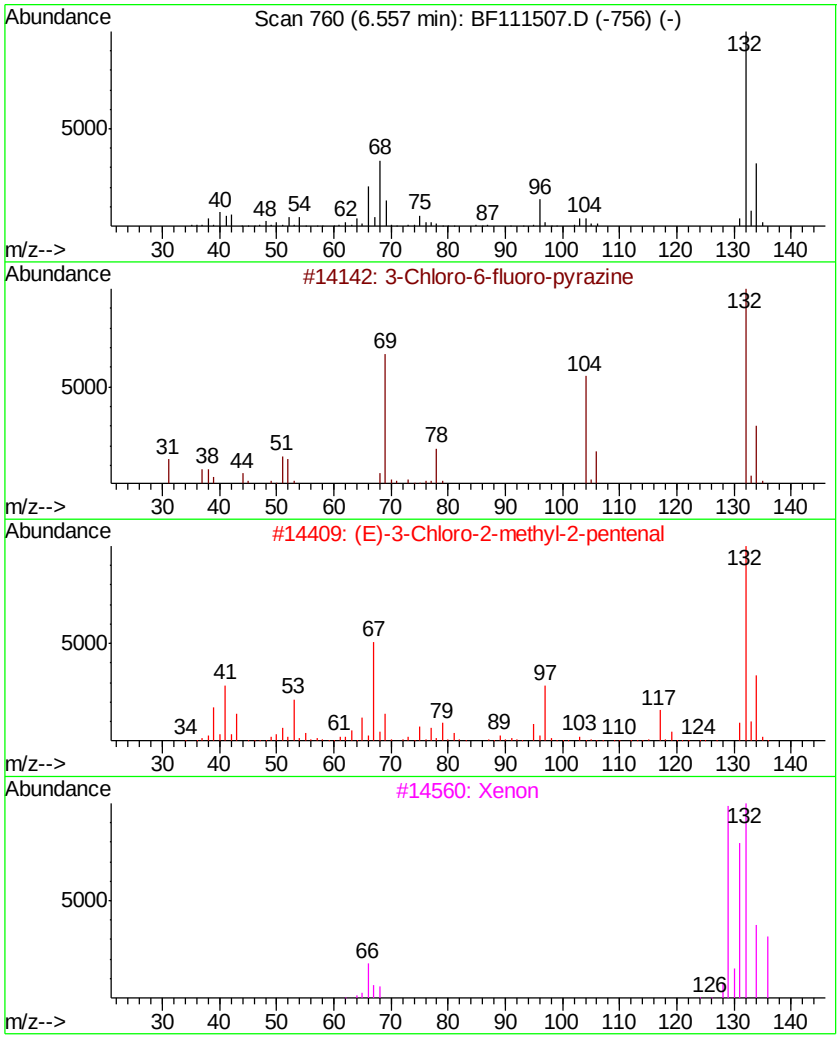
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

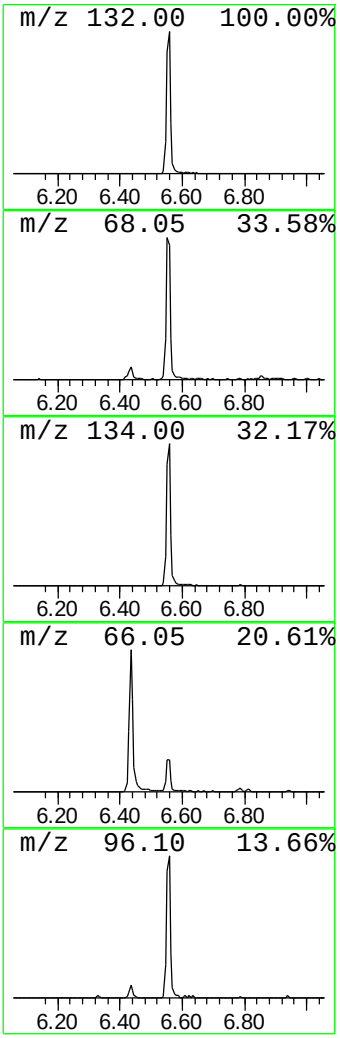
****

Peak Number 3 unknown6.56 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	7.21 ng	539175	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Xenon	132	Xe	007440-63-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

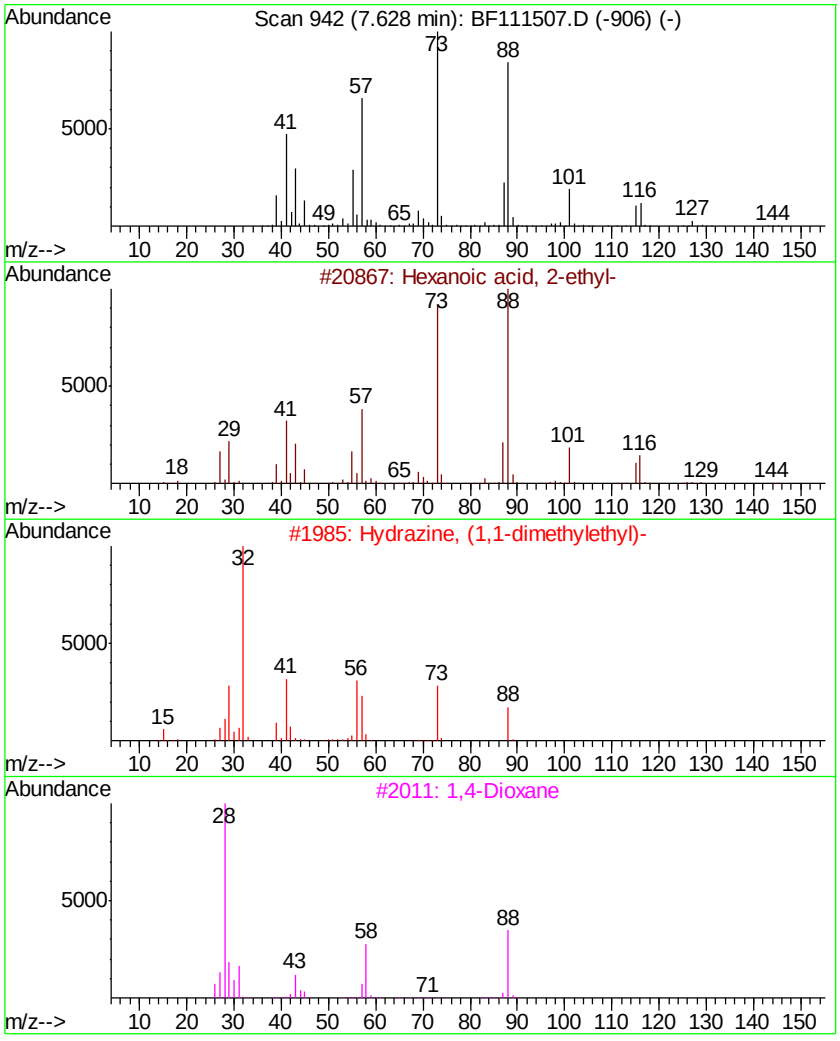
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

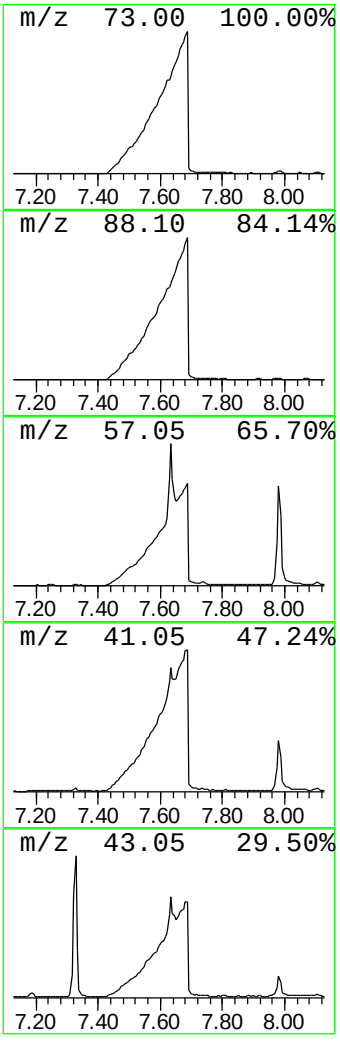
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	189.12 ng	18604000	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	80
2	Hydrazine, (1,1-dimethylethyl)-	88	C4H12N2	032064-67-8	47
3	1,4-Dioxane	88	C4H8O2	000123-91-1	43
4	Hydrazine, 1,2-diethyl-	88	C4H12N2	001615-80-1	43
5	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

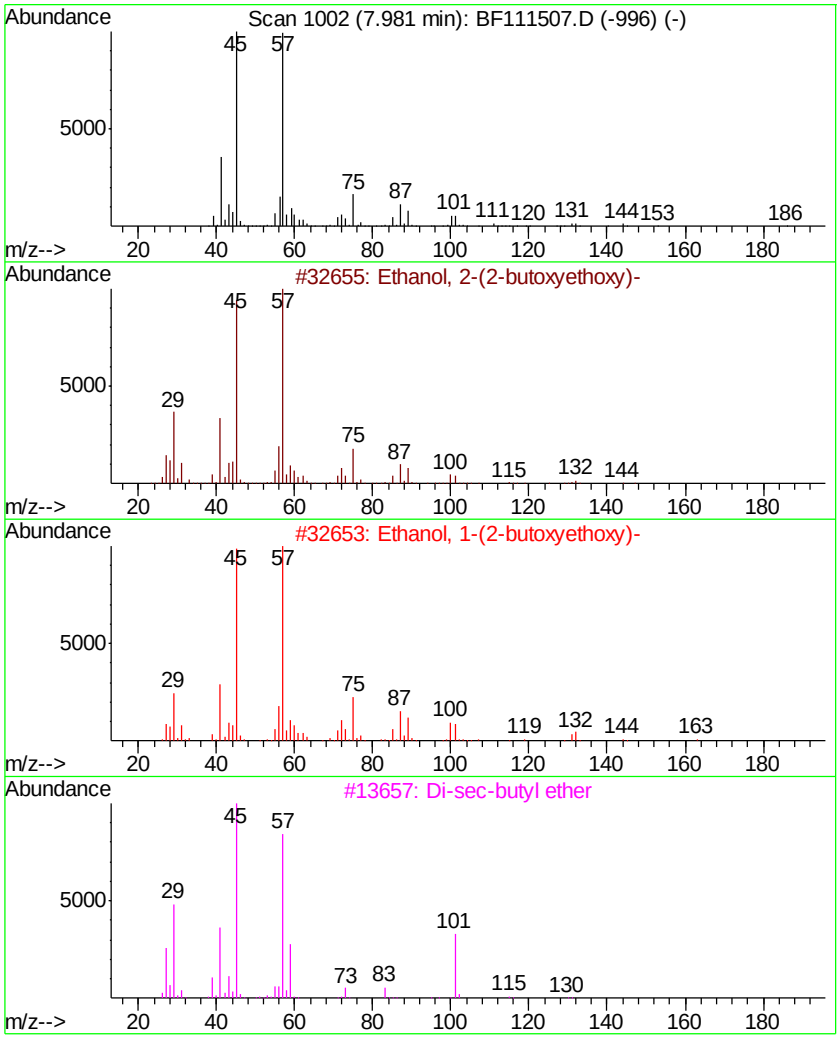
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

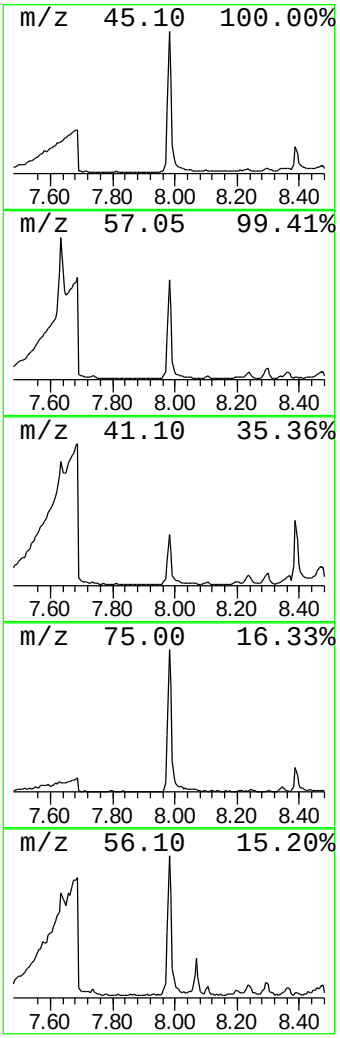
****

Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	16.43 ng	1616470	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Di-sec-butyl ether	130	C8H18O	006863-58-7	53
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

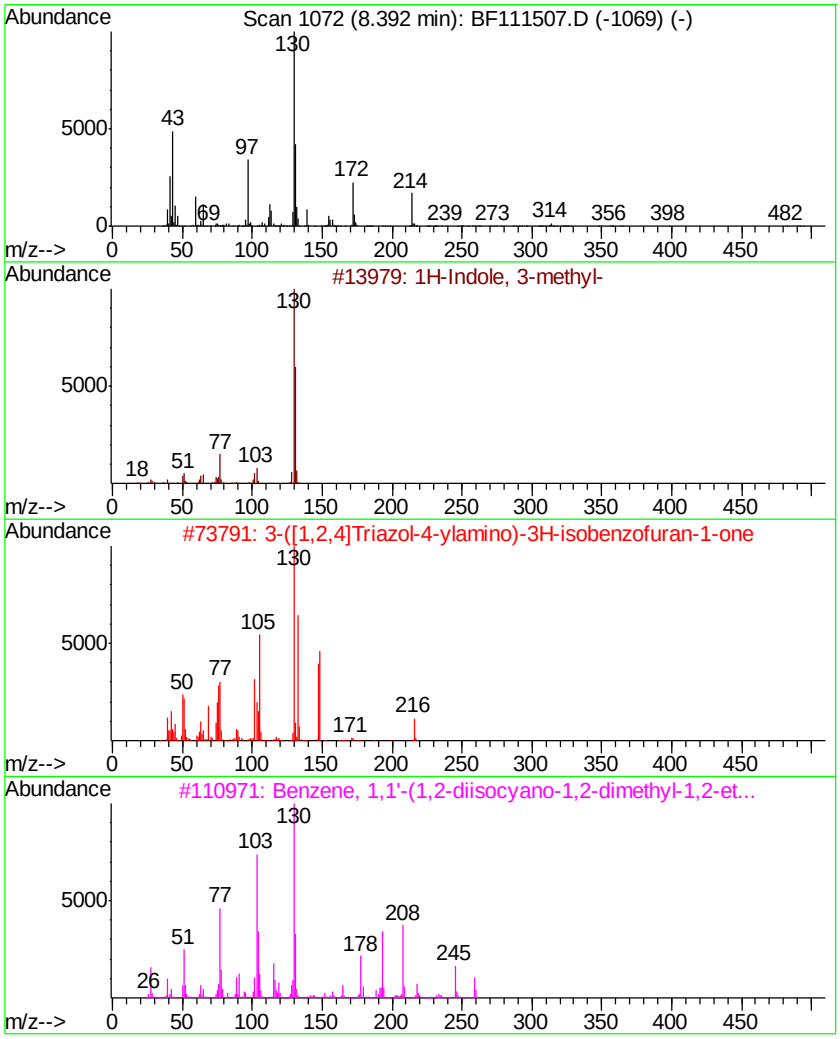
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

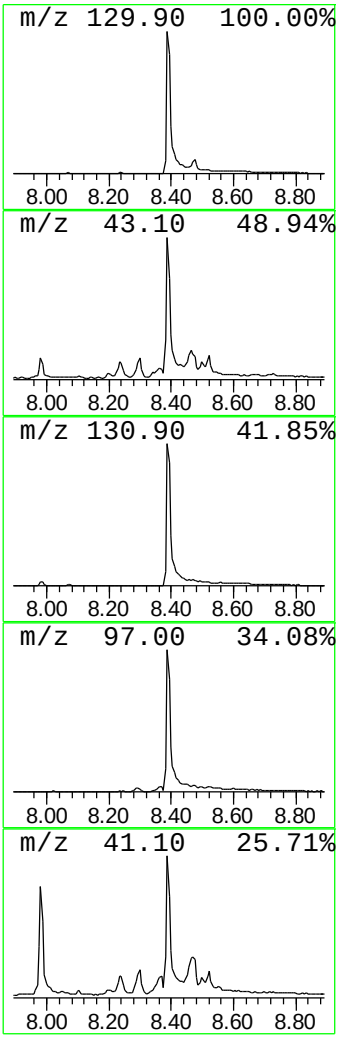
****

Peak Number 8 unknown8.39 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	27.59 ng	2714470	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 3-methyl-	131	C9H9N	000083-34-1	38
2	3-([1,2,4]Triazol-4-ylamino)-3H-...	216	C10H8N4O2	1000300-48-4	30
3	Benzene, 1,1'-(1,2-diisocyano-1,...	260	C18H16N2	064630-43-9	25
4	2-Amino-5-methylamino-1,3,4-thia...	130	C3H6N4S	033151-04-1	23
5	4-Cyanobenzoic acid, tridecyl ester	329	C21H31NO2	1000299-83-7	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

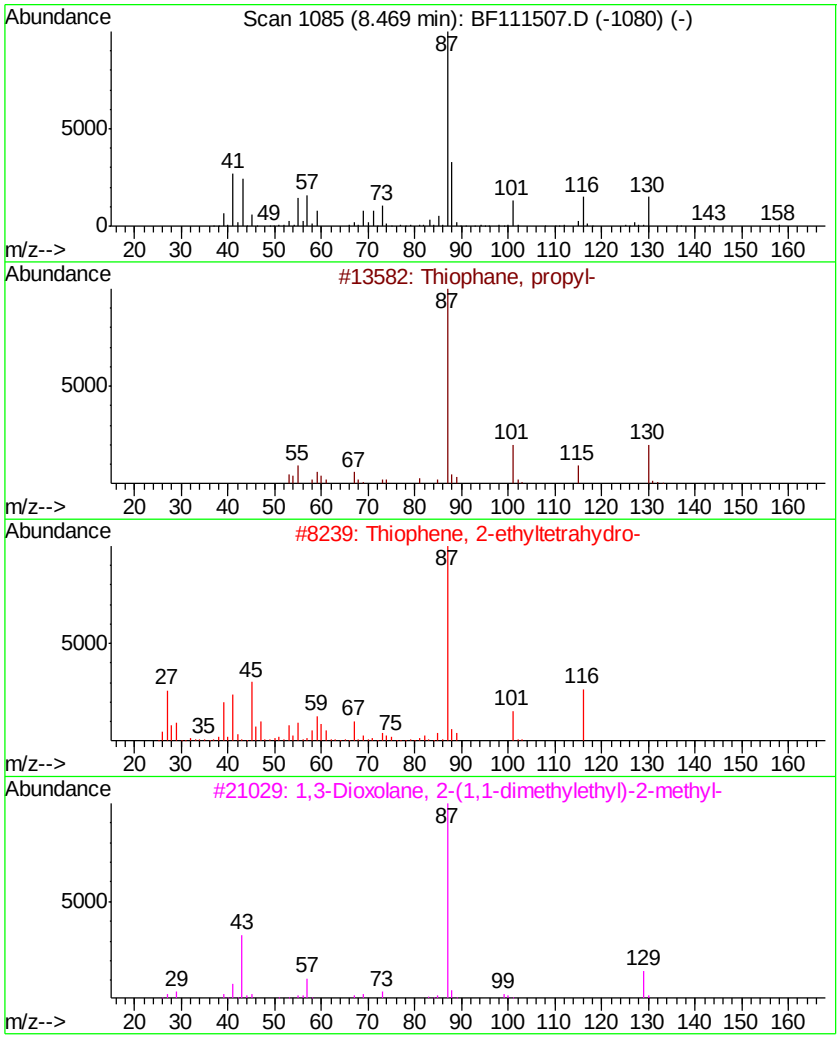
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

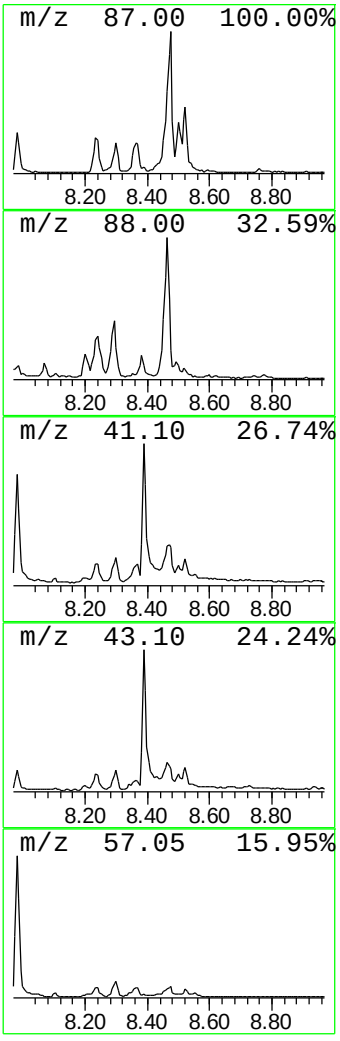
****

Peak Number 9 Thiophane, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	9.72 ng	955809	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophane, propyl-	130	C7H14S	001551-34-4	72
2	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	72
3	1,3-Dioxolane, 2-(1,1-dimethylet...	144	C8H16O2	006135-54-2	59
4	3-Pentanol, 3-ethyl-	116	C7H16O	000597-49-9	40
5	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

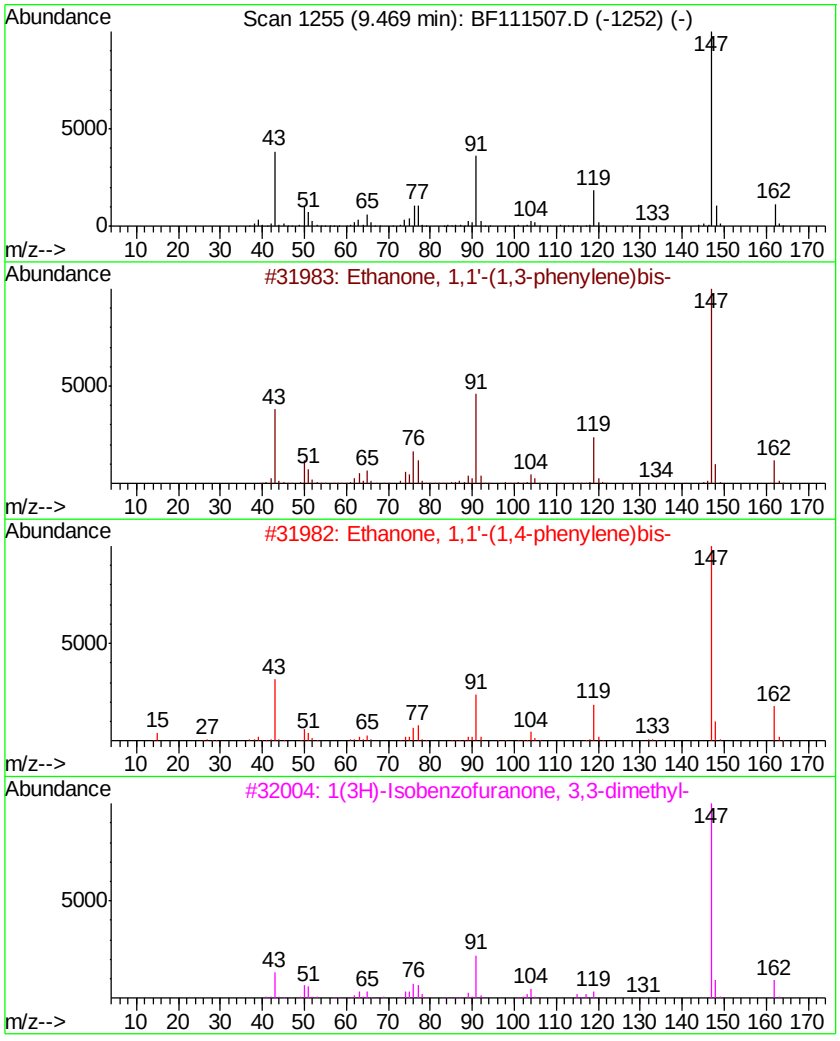
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

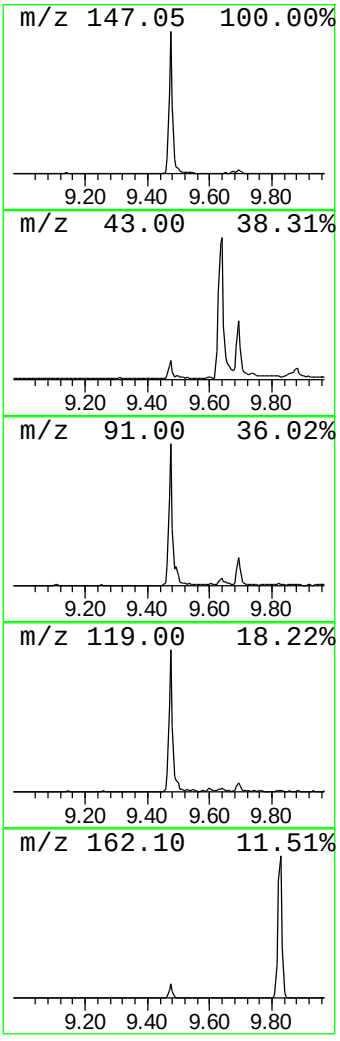
****

Peak Number 10 Ethanone, 1,1'-(1,3-phenyle... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	10.42 ng	1166180	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1,1'-(1,3-phenylene)bis-	162	C10H10O2	006781-42-6	91
2	Ethanone, 1,1'-(1,4-phenylene)bis-	162	C10H10O2	001009-61-6	91
3	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	86
4	Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	72
5	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

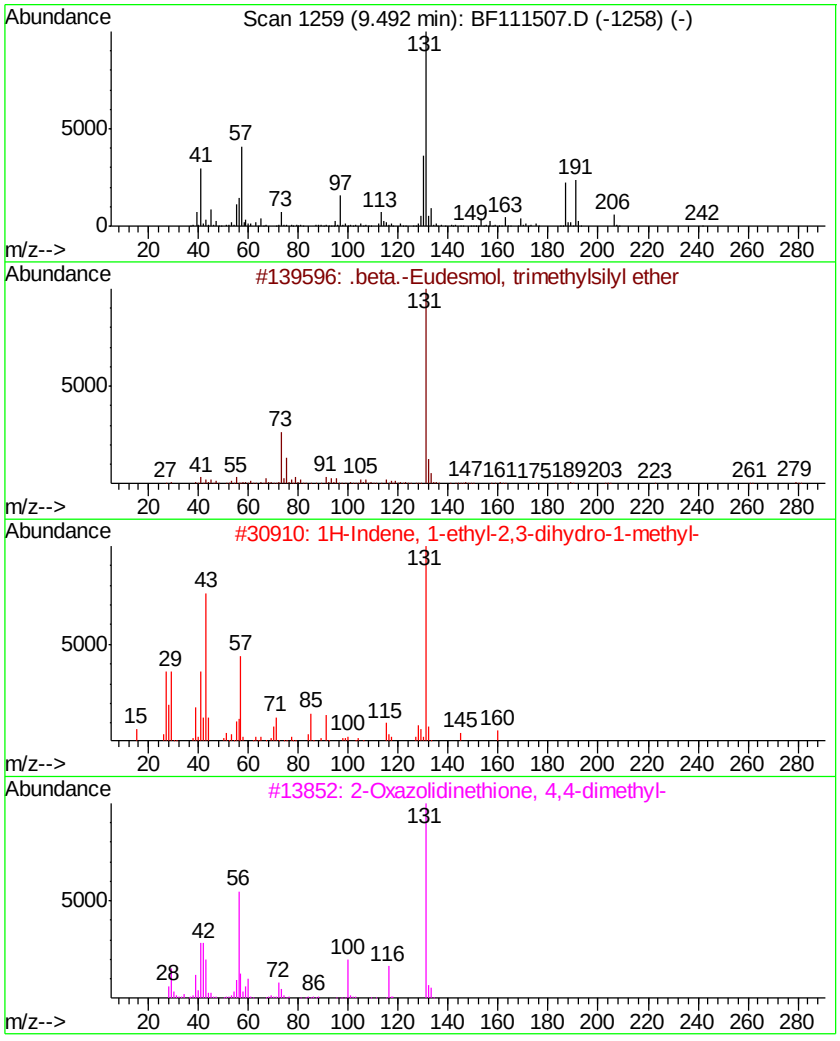
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

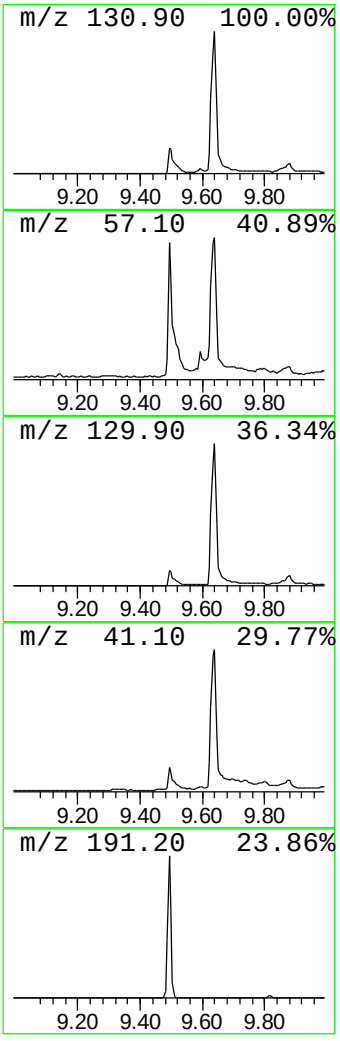
****

Peak Number 11 unknown9.49 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	14.69 ng	1643920	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Eudesmol, trimethylsilyl ...	294	C18H34OSi	1000334-00-1	23
2	1H-Indene, 1-ethyl-2,3-dihydro-1...	160	C12H16	056298-75-0	17
3	2-Oxazolidinethione, 4,4-dimethyl-	131	C5H9NOS	054013-55-7	9
4	.alpha.-Ethyltryptamine	188	C12H16N2	002235-90-7	9
5	1H-Indole-3-ethanamine, N-methyl-	174	C11H14N2	000061-49-4	9





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Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

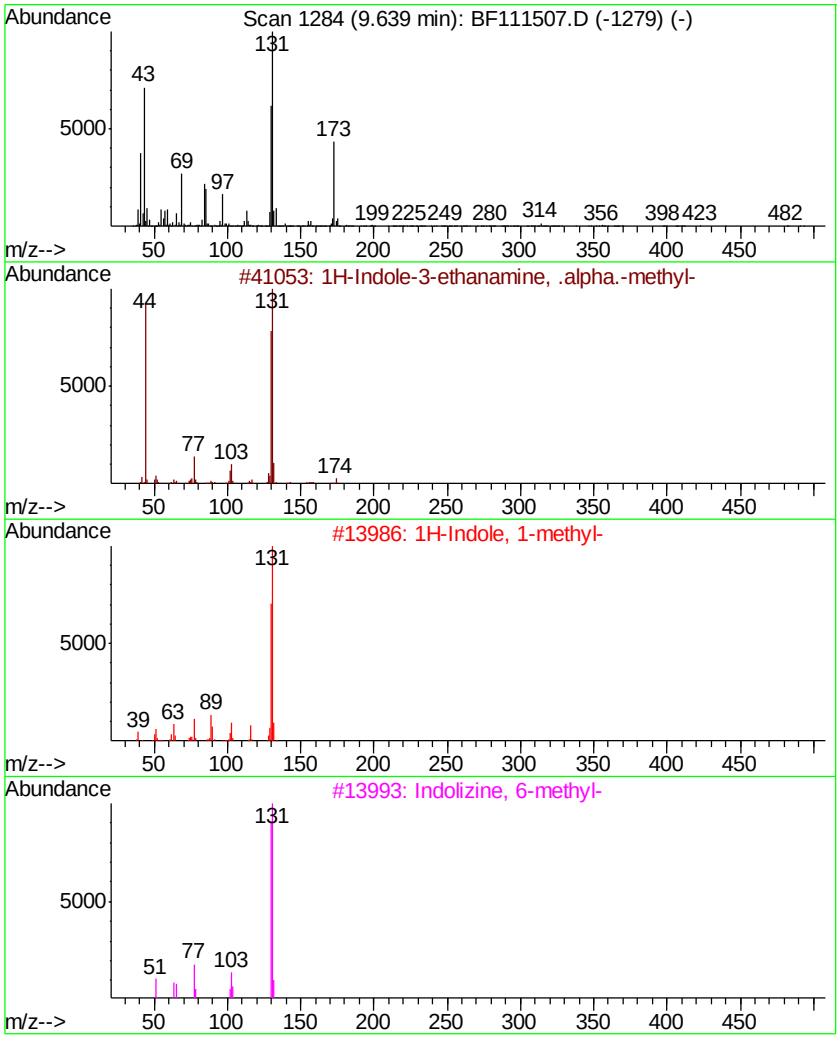
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

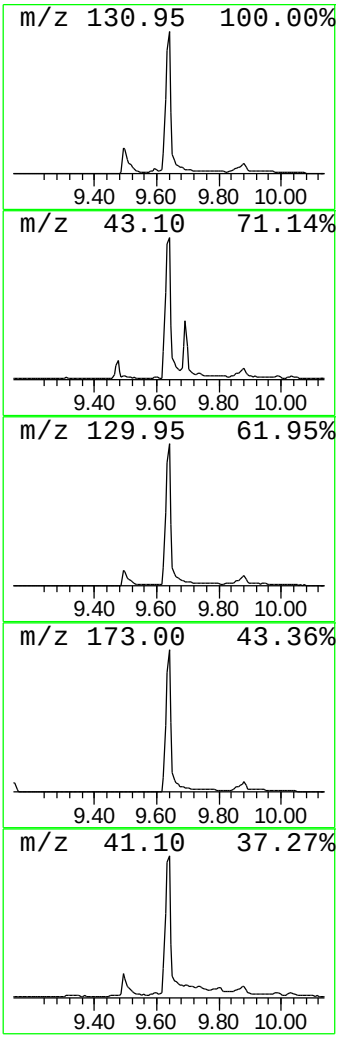
****

Peak Number 12 unknown9.94 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	90.88 ng	10171800	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-3-ethanamine, .alpha.-...	174	C11H14N2	000299-26-3	38
2	1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	32
3	Indolizine, 6-methyl-	131	C9H9N	001761-11-1	32
4	1H-Indole-3-ethanamine, N-methyl-	174	C11H14N2	000061-49-4	32
5	2,2-Dimethyl-3-pentanol, trimeth...	188	C10H24OSi	1000364-14-3	17





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Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

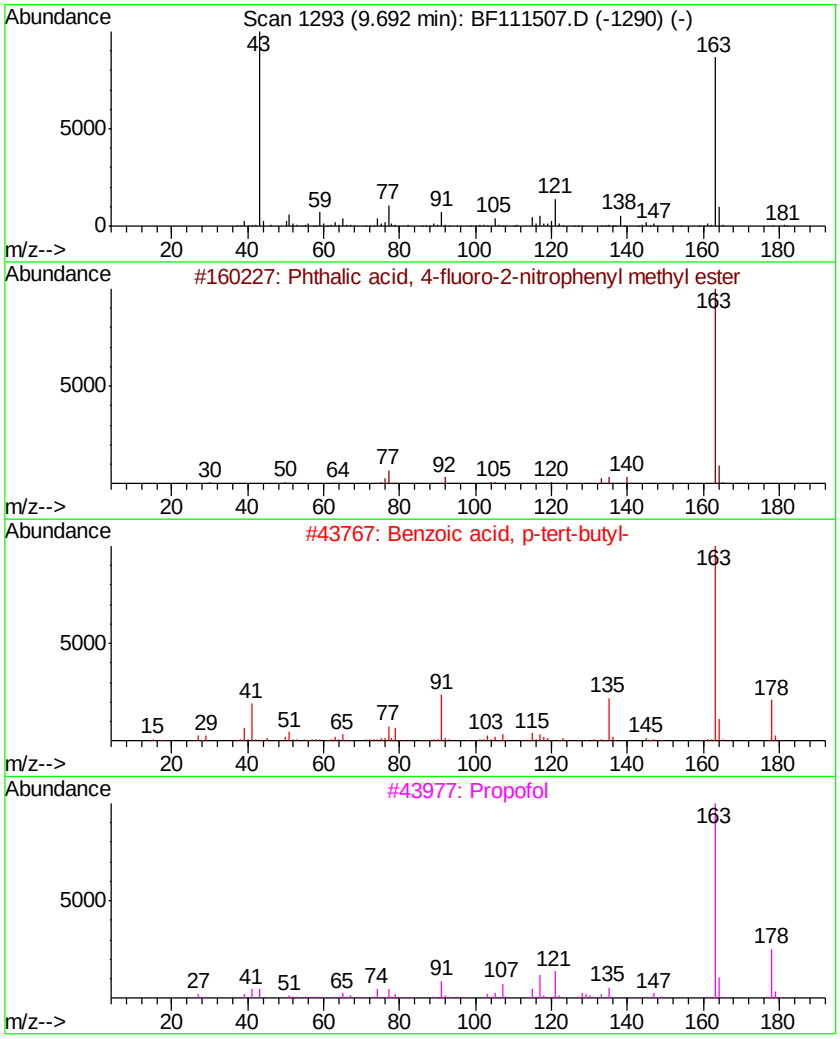
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

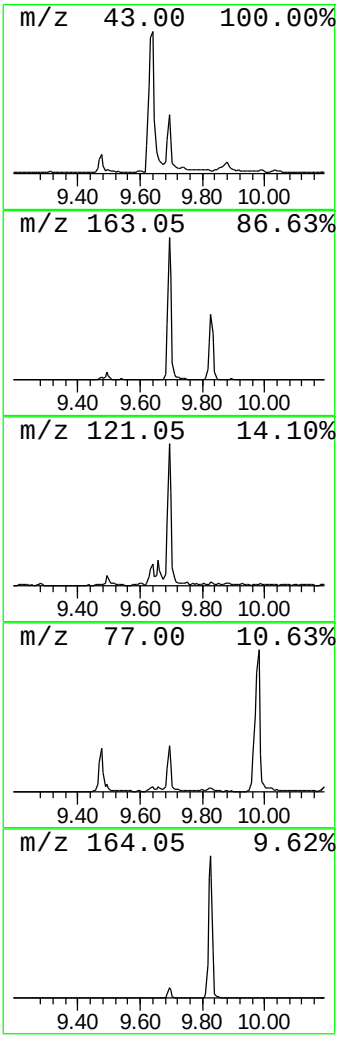
****

Peak Number 13 Phthalic acid, 4-fluoro-2-n... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	9.48 ng	1061360	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 4-fluoro-2-nitrop...	319	C15H10FNO6	1000315-63-4	50
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	47
3	Propofol	178	C12H18O	002078-54-8	42
4	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	40
5	Benzenemethanol, 4-(1,1-dimethyl...	178	C12H18O	034386-42-0	40





Library Search Compound Report

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Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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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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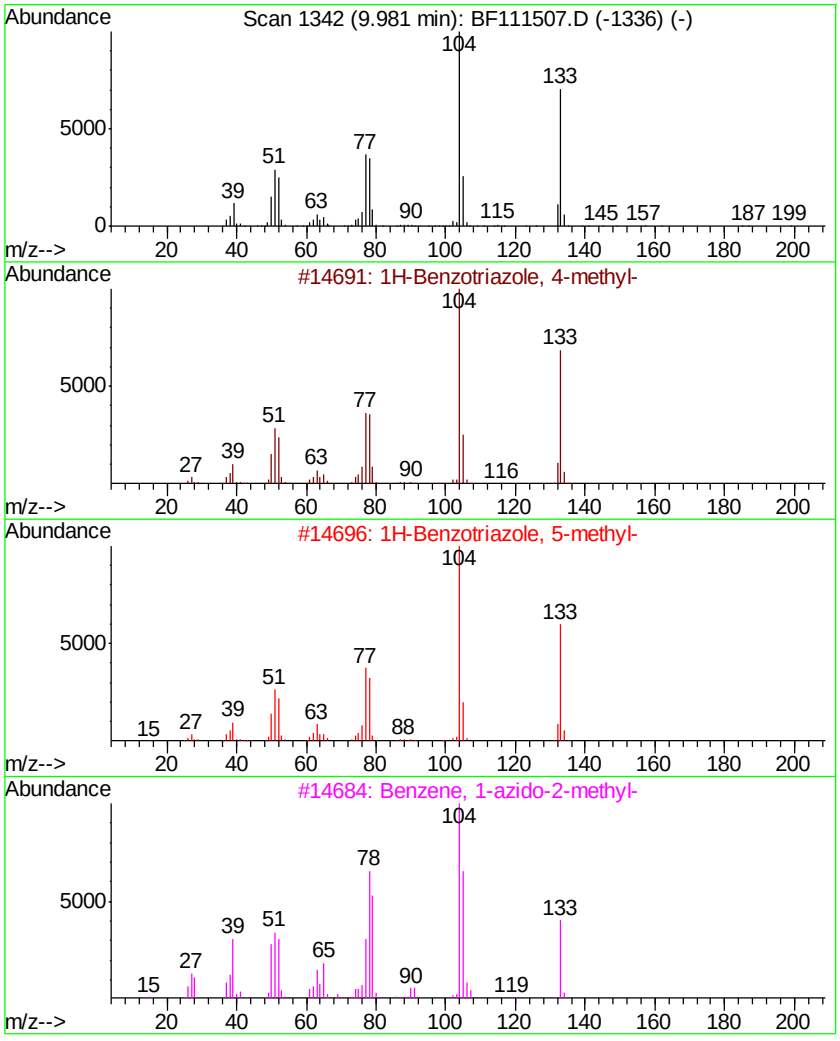
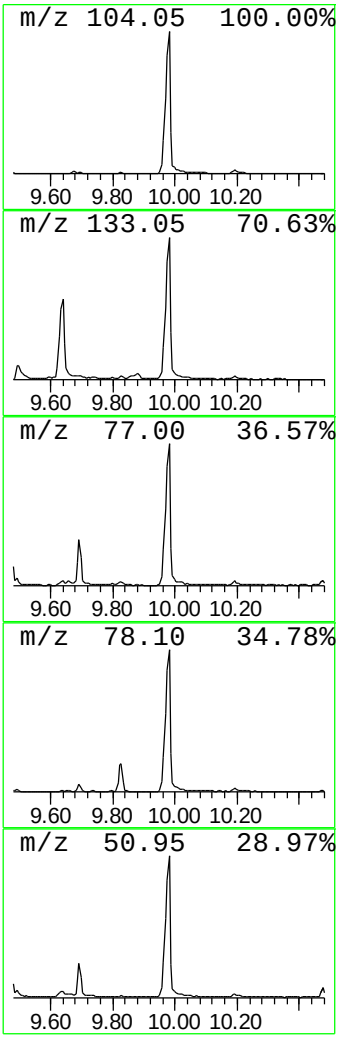
Peak Number 14 1H-Benzotriazole, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	16.71 ng	1870310	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	98
2	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
3	Benzene, 1-azido-2-methyl-	133	C7H7N3	031656-92-5	80
4	Benzene, 1-isocyanato-3-methyl-	133	C8H7NO	000621-29-4	53
5	1H-Indol-4-ol	133	C8H7NO	002380-94-1	47





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Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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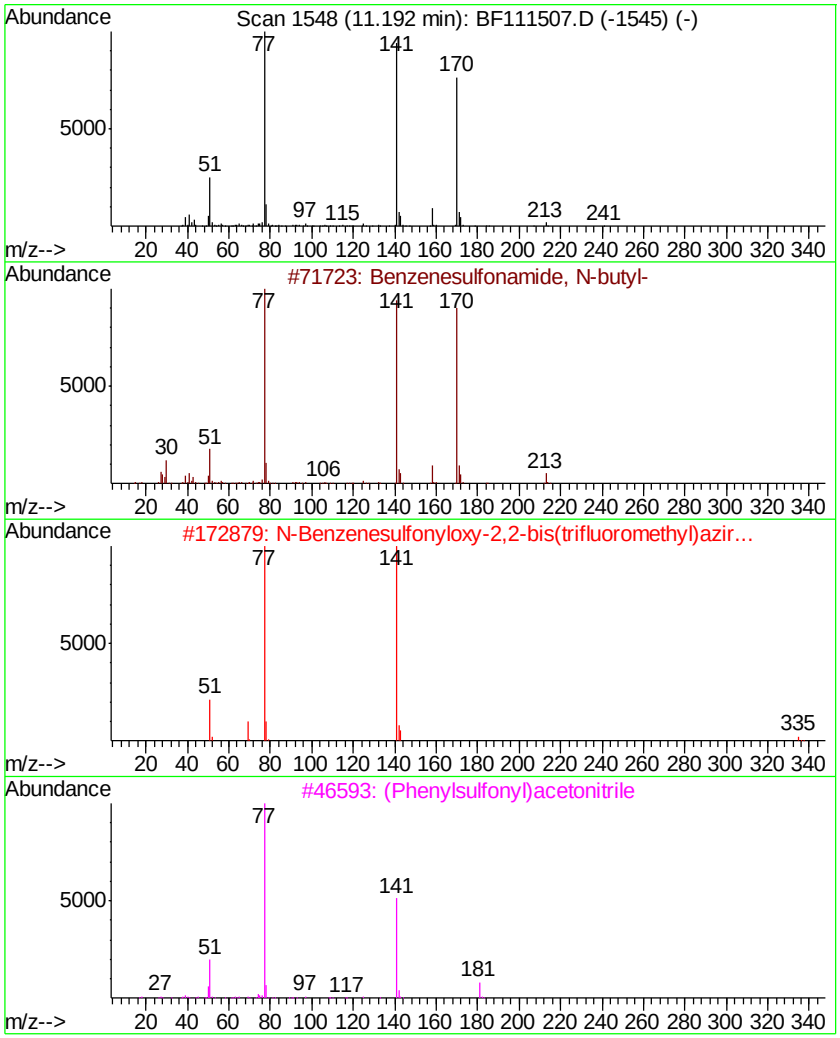
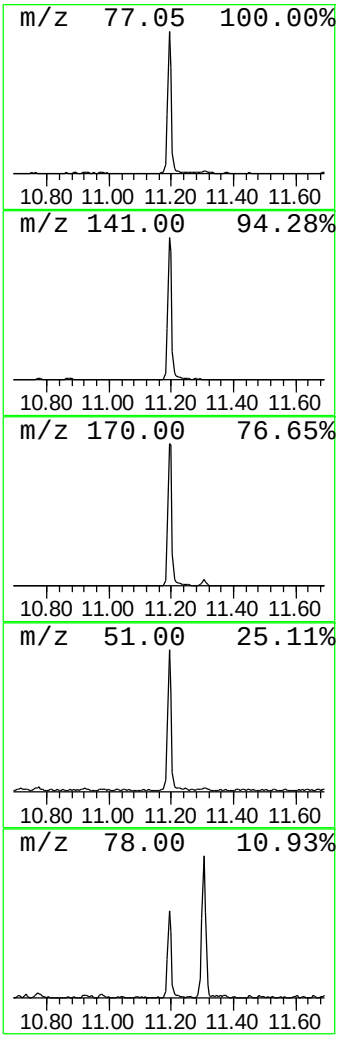
Peak Number 15 Benzenesulfonamide, N-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	6.66 ng	673756	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N-butyl-	213	C10H15NO2S	003622-84-2	95
2	N-Benzenesulfonyloxy-2,2-bis(tri...	335	C10H7F6NO3S	055734-41-3	50
3	(Phenylsulfonyl)acetonitrile	181	C8H7NO2S	007605-28-9	47
4	Benzenesulfonylamino-acetic acid...	260	C8H8N2O6S	1000301-09-0	36
5	Benzenemethanol, 4-chloro-.alpha...	156	C8H9ClO	003391-10-4	33





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Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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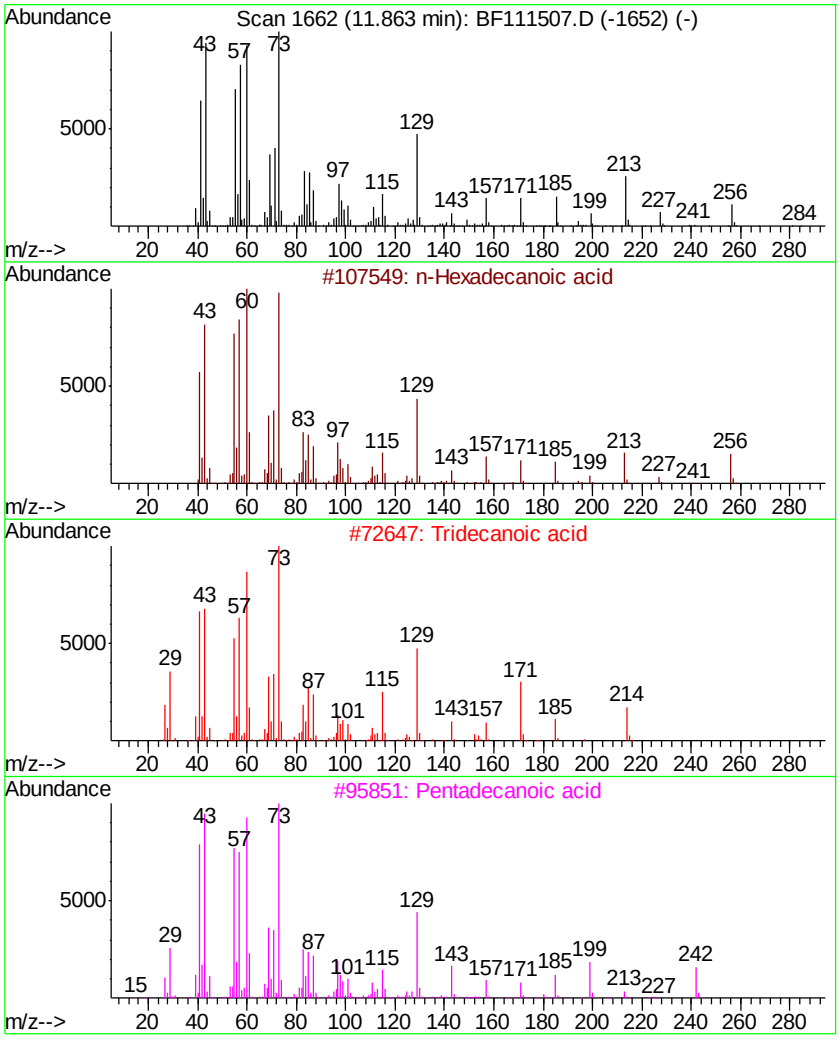
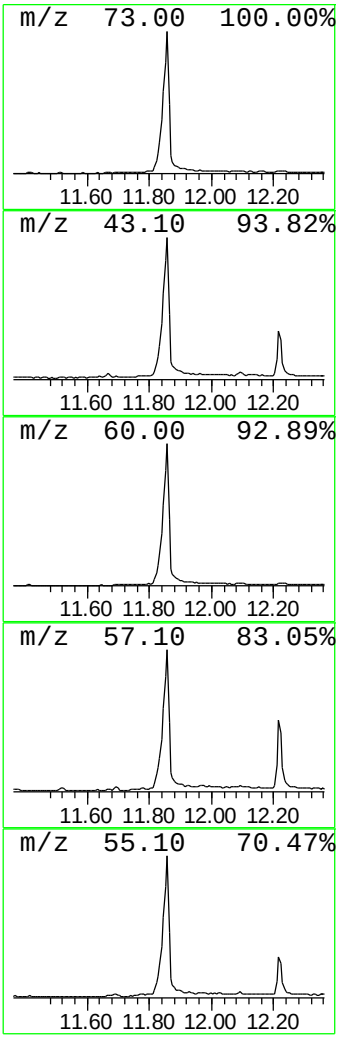
Peak Number 16 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	76.55 ng	7741530	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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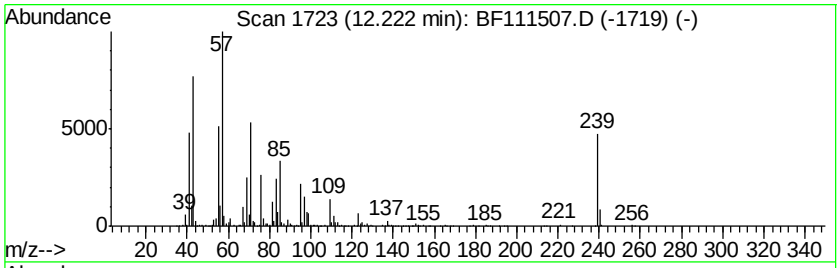
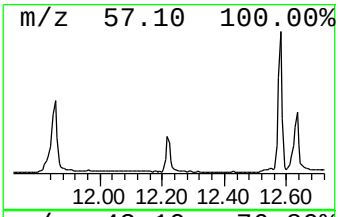
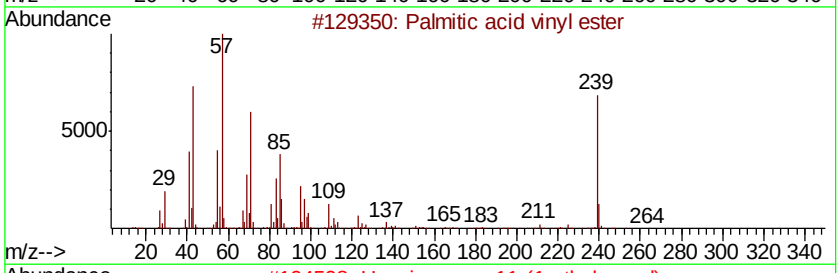
Peak Number 17 Palmitic acid vinyl ester Concentration Rank 13

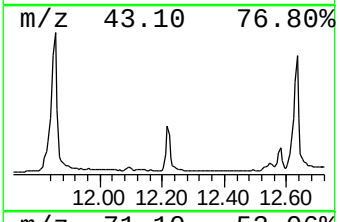
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	13.94 ng	1409620	Phenanthrene-d10	11.30

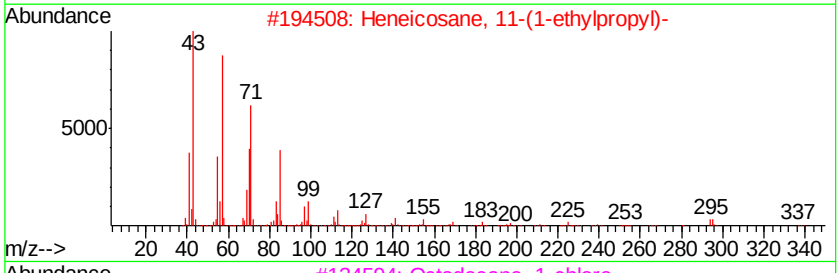
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitic acid vinyl ester	282	C18H34O2	000693-38-9	87
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	43
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	43
4	Pentacosane	352	C25H52	000629-99-2	38
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	35

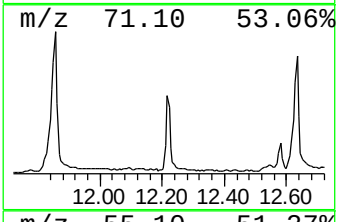


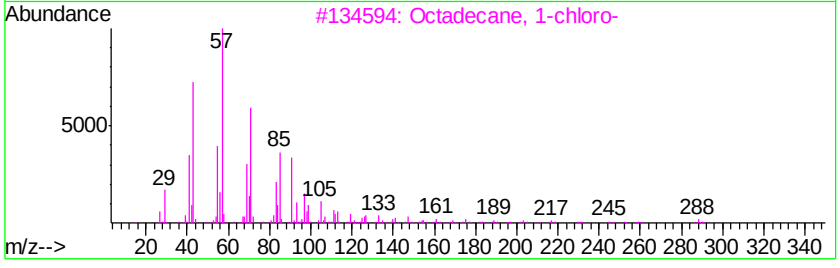


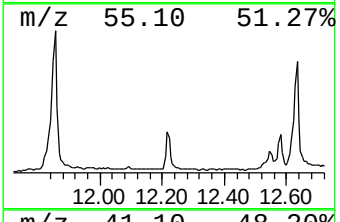


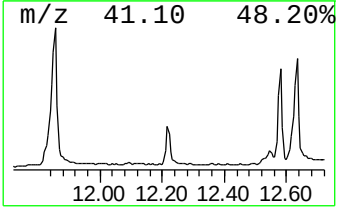












Library Search Compound Report

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Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.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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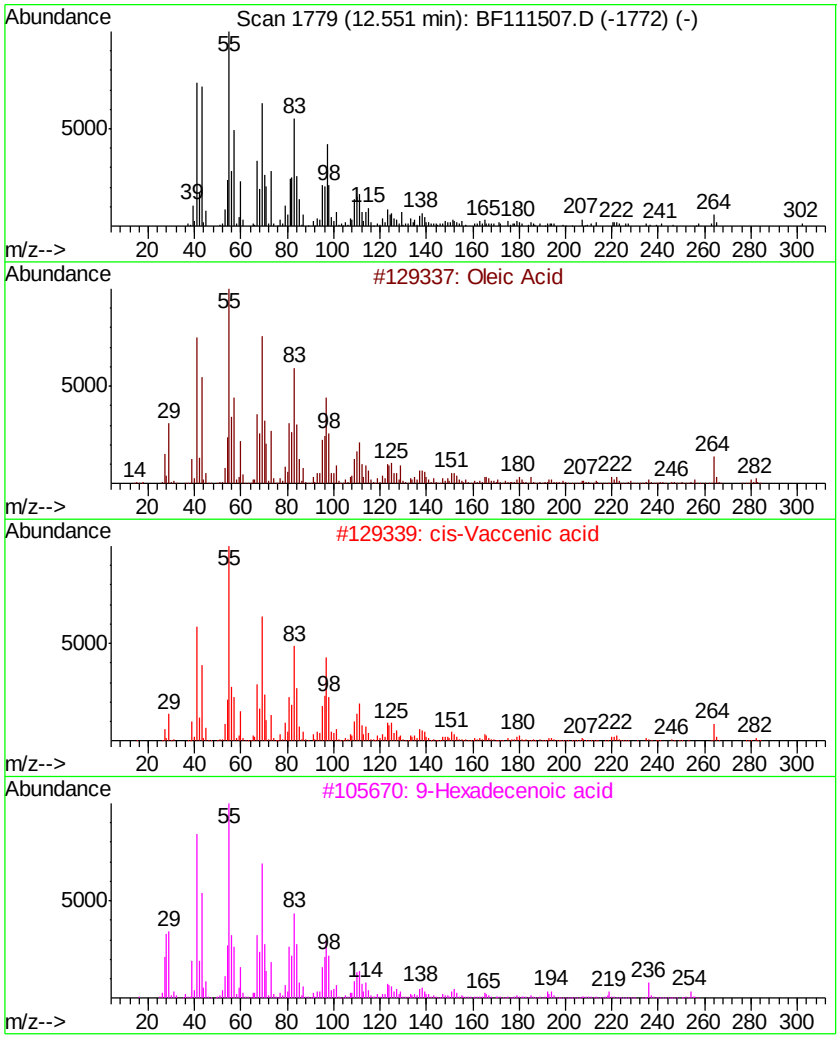
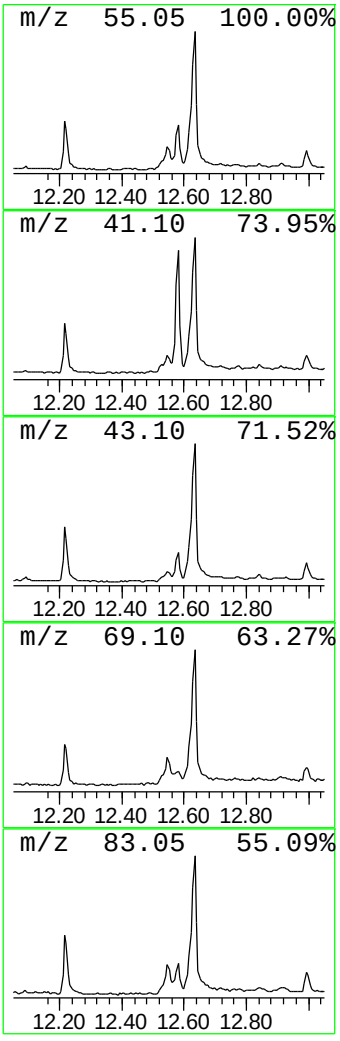
Peak Number 18 Oleic Acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	7.17 ng	725454	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	91
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
3	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	83
4	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	74
5	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	70





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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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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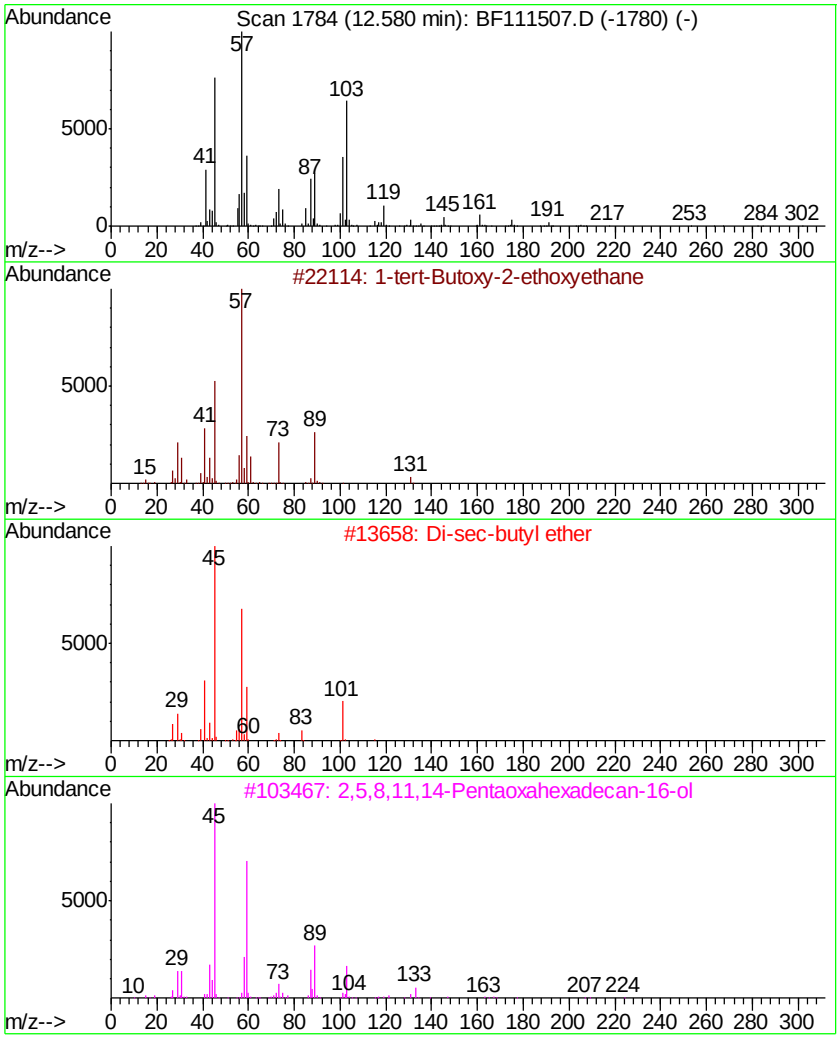
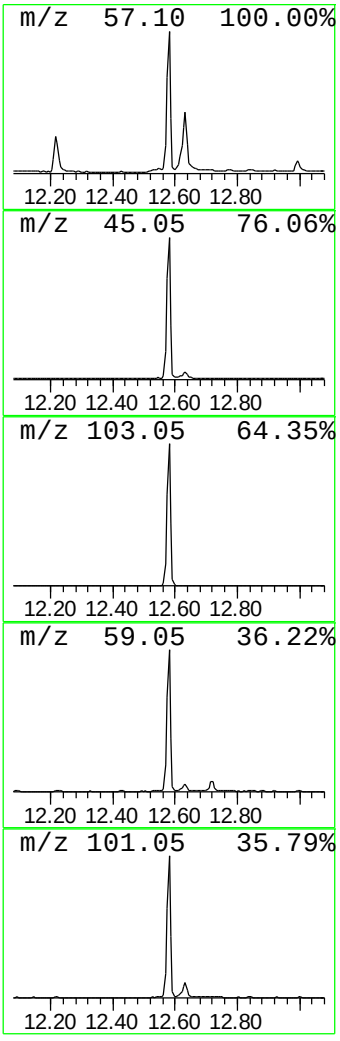
Peak Number 19 unknown12.58 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	39.14 ng	3958220	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	47
2	Di-sec-butyl ether	130	C8H18O	006863-58-7	43
3	2,5,8,11,14-Pentaoxahexadecan-16-ol	252	C11H24O6	023778-52-1	38
4	DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1000332-93-3	38
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	35





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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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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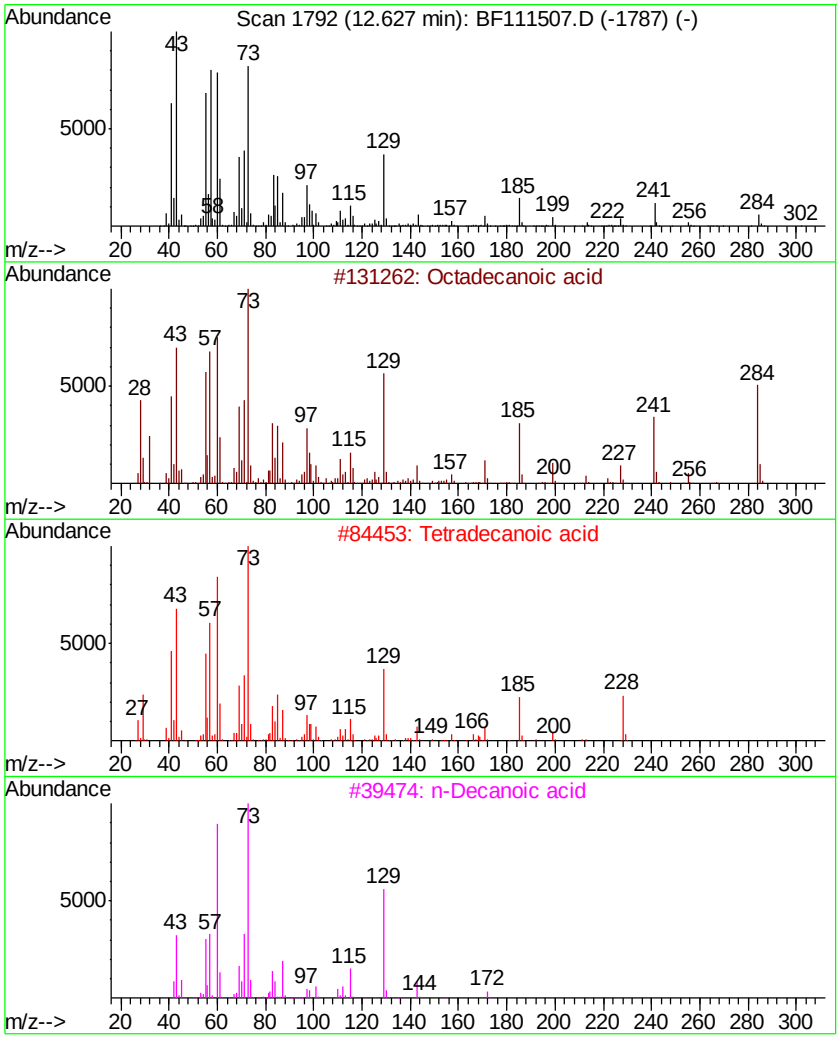
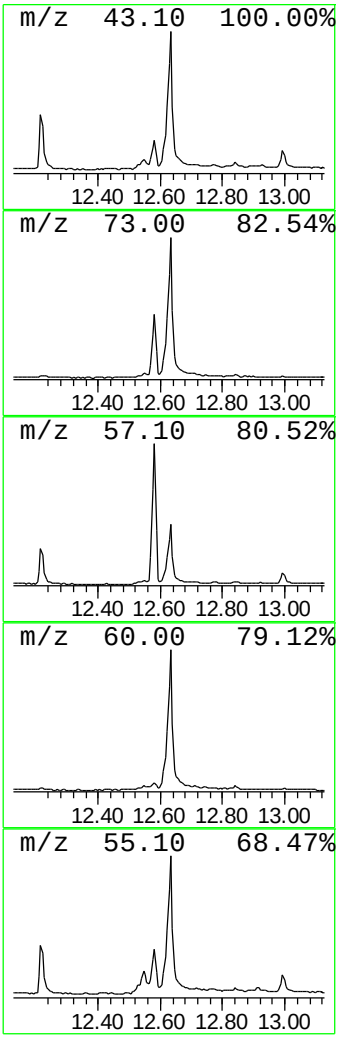
Peak Number 20 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	68.75 ng	5101730	Chrysene-d12	13.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Tentatively Identified Compound (LSC) summary

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Data File : BF111507.D
Acq On : 16 Dec 2018 14:35
Operator : JU/SJ
Sample : J6373-10 10X
Misc :
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexanol	3.69	34.3	ng	2563320	1	6.79	1495320	20.0
unknown6.56	6.56	7.2	ng	539175	1	6.79	1495320	20.0
Hexanoic acid, 2-...	7.63	189.1	ng	18604000	2	8.07	1967480	20.0
Ethanol, 2-(2-but...	7.98	16.4	ng	1616470	2	8.07	1967480	20.0
unknown8.39	8.39	27.6	ng	2714470	2	8.07	1967480	20.0
Thiophane, propyl-	8.47	9.7	ng	955809	2	8.07	1967480	20.0
Ethanone, 1,1'-(1...	9.47	10.4	ng	1166180	3	9.83	2238550	20.0
unknown9.49	9.49	14.7	ng	1643920	3	9.83	2238550	20.0
unknown9.94	9.64	90.9	ng	10171800	3	9.83	2238550	20.0
Phthalic acid, 4-...	9.69	9.5	ng	1061360	3	9.83	2238550	20.0
1H-Benzotriazole,...	9.98	16.7	ng	1870310	3	9.83	2238550	20.0
Benzenesulfonamid...	11.19	6.7	ng	673756	4	11.30	2022720	20.0
n-Hexadecanoic acid	11.86	76.5	ng	7741530	4	11.30	2022720	20.0
Palmitic acid vin...	12.22	13.9	ng	1409620	4	11.30	2022720	20.0
Oleic Acid	12.55	7.2	ng	725454	4	11.30	2022720	20.0
unknown12.58	12.58	39.1	ng	3958220	4	11.30	2022720	20.0
Octadecanoic acid	12.63	68.8	ng	5101730	5	13.94	1484190	20.0