LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 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-BF121918.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	2.169	11	14	18	rVB	94237	121198	7.04%	0.738%
2	5.098	509	512	516	rVB	62275	57667	3.35%	0.351%
3	5.504	578	581	585	rBV	194521	183720	10.67%	1.119%
4	5.845	635	639	643	rBV	248193	202452	11.76%	1.233%
5	6.463	740	744	749	rVB2	21874	22965	1.33%	0.140%
6	6.510	749	752	759	rBV2	161651	208870	12.13%	1.272%
7	6.663	774	778	781	rBV	369454	318921	18.52%	1.942%
8	6.716	785	787	791	rVB	28887	24000	1.39%	0.146%
9	6.898	814	818	821	rBV	1421975	1127782	65.49%	6.869%
10	6.957	825	828	831	rBV	75065	59033	3.43%	0.360%
11	7.051	841	844	848	rVB	463591	389864	22.64%	2.374%
12	7.298	883	886	889	rVB	158215	127035	7.38%	0.774%
13	7.445	908	911	915	rBV	310930	250294	14.53%	1.524%
14	7.504	917	921	924	rVV	426976	315429	18.32%	1.921%
15	7.533	924	926	930	rVB	57713	52375	3.04%	0.319%
16	7.892	983	987	990	rBV	28835	22106	1.28%	0.135%
17	8.022	1004	1009	1014	rBV5	13806	25437	1.48%	0.155%
18	8.080	1014	1019	1023	rBV2	43314	48359	2.81%	0.295%
19	8.180	1032	1036	1038	rBV	1570118	1406765	81.69%	8.568%
20	8.198	1038	1039	1042	rVV	613016	473083	27.47%	2.881%
21	8.228	1042	1044	1048	rVB2	52497	47585	2.76%	0.290%
22	8.328	1057	1061	1066	rBV	2124235	1722085	100.00%	10.488%
23	8.480	1084	1087	1089	rBV	86036	65126	3.78%	0.397%
24	8.504	1089	1091	1094	rVB	41722	30713	1.78%	0.187%
25	8.769	1133	1136	1140	rBV2	73417	70424	4.09%	0.429%
26	8.933	1161	1164	1167	rVB	137464	92796	5.39%	0.565%
27	9.251	1214	1218	1221	rVB	579111	437628	25.41%	2.665%
28	9.339	1231	1233	1238	rBV5	12735	20636	1.20%	0.126%
29	9.422	1245	1247	1251	rVB	43126	37757	2.19%	0.230%
30	9.475	1253	1256	1257	rVV	38313	35862	2.08%	0.218%
31	9.516	1261	1263	1266	rVV2	54143	54458	3.16%	0.332%
32	9.539	1266	1267	1271	rVB2	37091	30396	1.77%	0.185%
33	9.580	1271	1274	1277	rVB	34802	28923	1.68%	0.176%
34	9.639	1281	1284	1287	rVB	273991	200698	11.65%	1.222%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.680	1288	1291	1296	rVB	30938	30324	1.76%	0.185%
36	9.733	1297	1300	1303	rBV	342422	252741	14.68%	1.539%
37	9.892	1324	1327	1330	rBV	340877	257659	14.96%	1.569%
38	9.933	1330	1334	1337	rVB	1628388	1406493	81.67%	8.566%
39	9.992	1339	1344	1348	rBV3	29357	39121	2.27%	0.238%
40	10.127	1365	1367	1372	rVB3	37600	27035	1.57%	0.165%
41	10.227	1380	1384	1385	rBV2	26173	24312	1.41%	0.148%
42	10.251	1385	1388	1392	rVB	97089	77053	4.47%	0.469%
43	10.633	1451	1453	1457	rVB	88026	71706	4.16%	0.437%
44	10.710	1463	1466	1470	rBV	243897	215346	12.50%	1.312%
45	10.863	1489	1492	1495	rVB	35766	27087	1.57%	0.165%
46	11.416	1582	1586	1589	rVB	1598762	1328630	77.15%	8.092%
47	11.939	1671	1675	1679	rBV	73405	79930	4.64%	0.487%
48	12.104	1698	1703	1708	rVB5	14135	23019	1.34%	0.140%
49	12.504	1768	1771	1774	rVB3	21589	22532	1.31%	0.137%
50	12.721	1805	1808	1810	rBV4	35499	35596	2.07%	0.217%
51	12.992	1851	1854	1858	rBV	376702	301136	17.49%	1.834%
52	13.133	1876	1878	1882	rBV5	23536	24849	1.44%	0.151%
53	13.892	2004	2007	2011	rBV4	78858	111880	6.50%	0.681%
54	14.045	2029	2033	2037	rBV	1424023	1378091	80.02%	8.393%
55	14.221	2060	2063	2066	rBV	119864	102494	5.95%	0.624%
56	14.521	2112	2114	2118	rVB	188241	166159	9.65%	1.012%
57	14.839	2164	2168	2176	rBV	252680	277947	16.14%	1.693%
58	15.180	2222	2226	2230	rVB	271668	279224	16.21%	1.701%
59	15.521	2279	2284	2288	rBV	757488	913737	53.06%	5.565%
60	15.568	2288	2292	2300	rVB	218470	307798	17.87%	1.875%
61	16.015	2364	2368	2373	rBV	140373	201248	11.69%	1.226%
62	16.533	2453	2456	2464	rVB3	69093	123304	7.16%	0.751%

Sum of corrected areas: 16418893

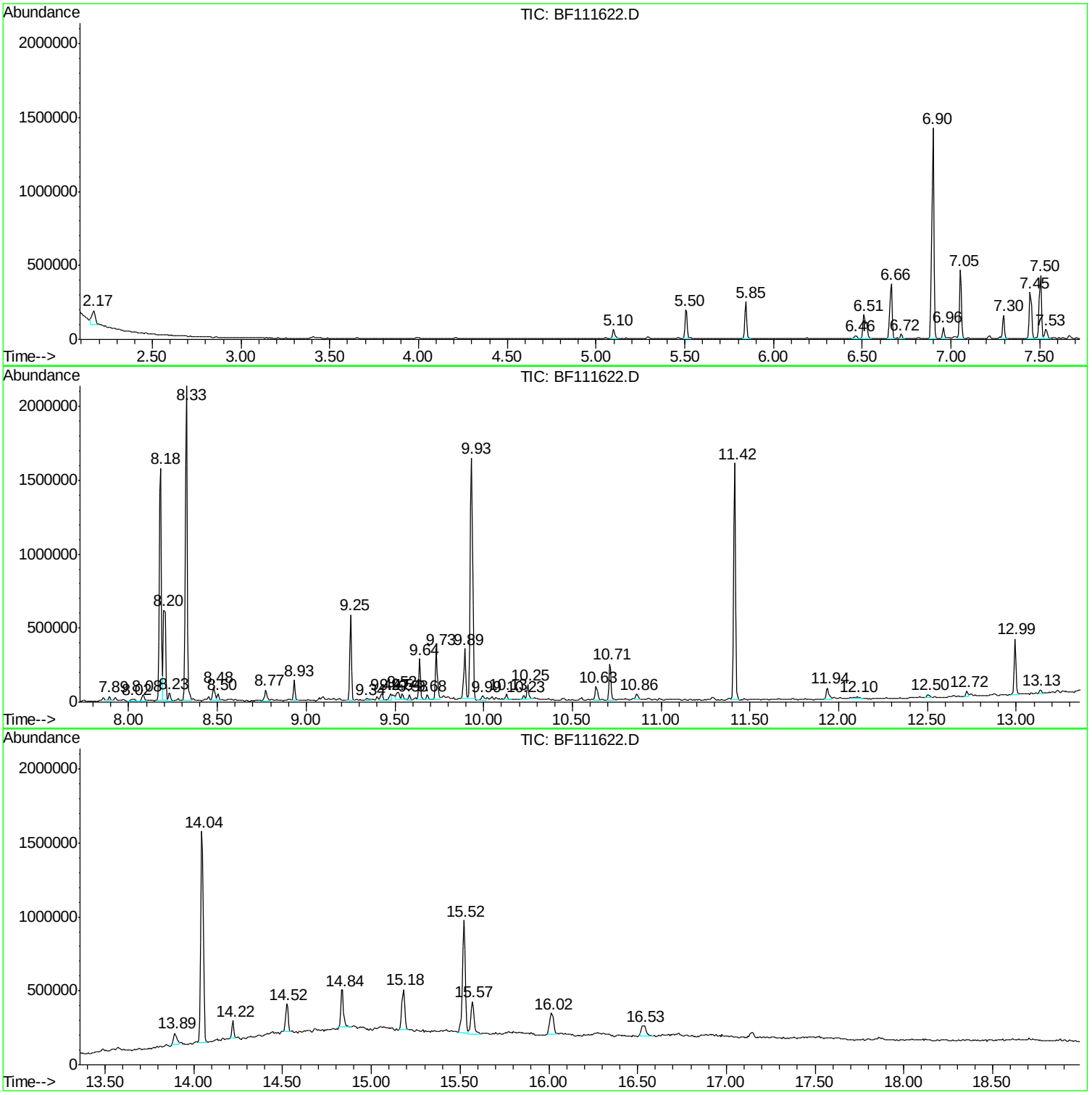
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

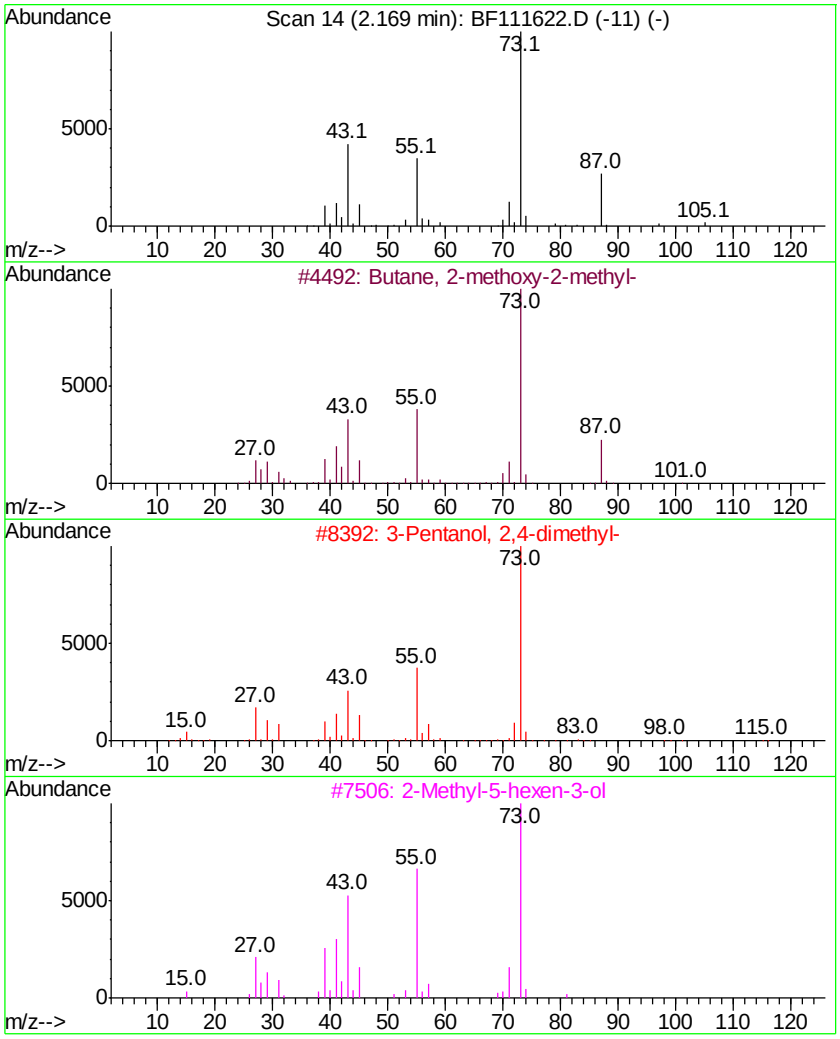
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

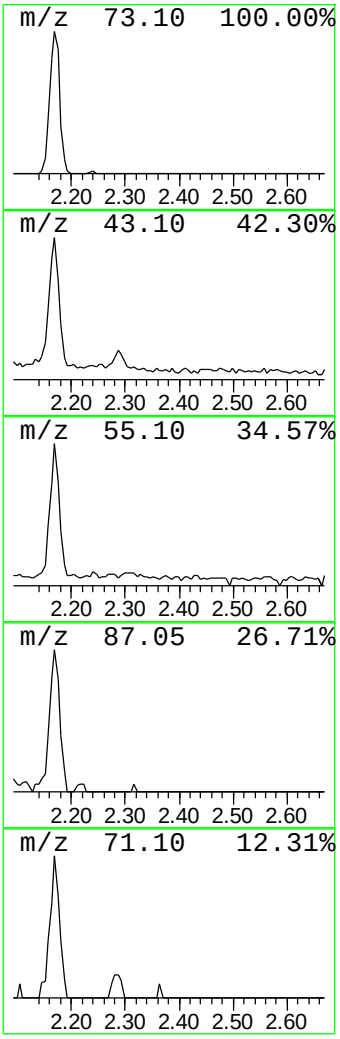
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.15 ng	121198	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	38
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

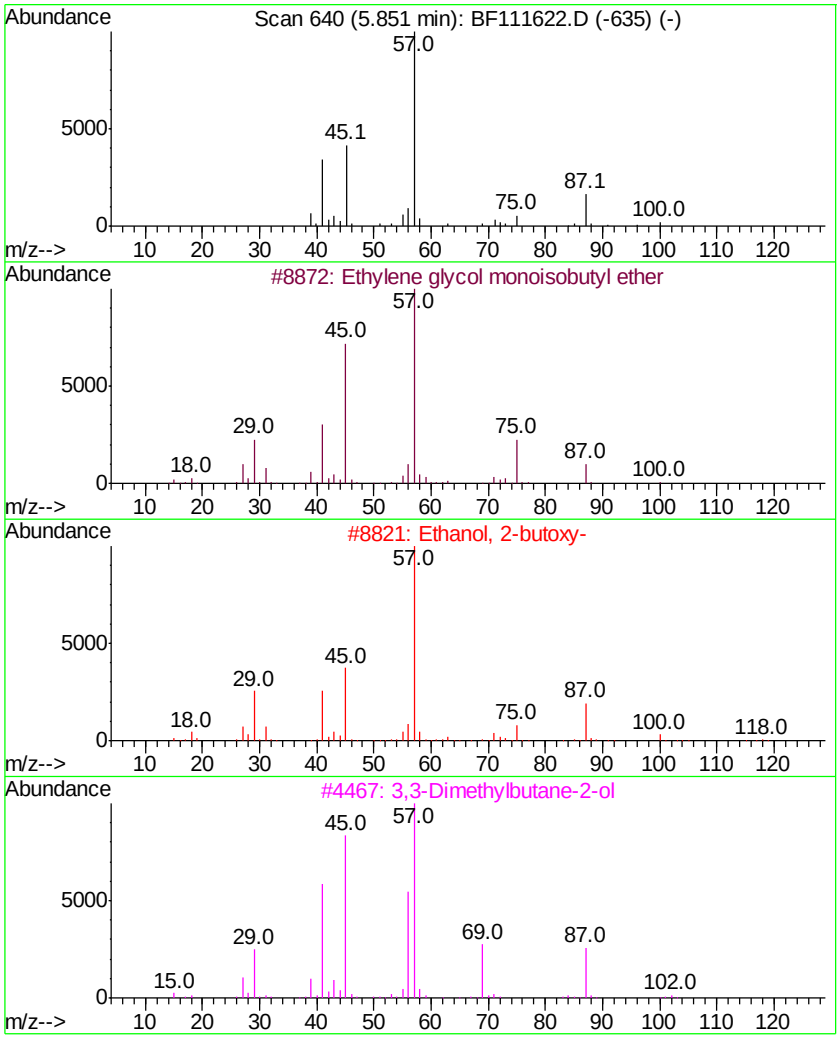
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

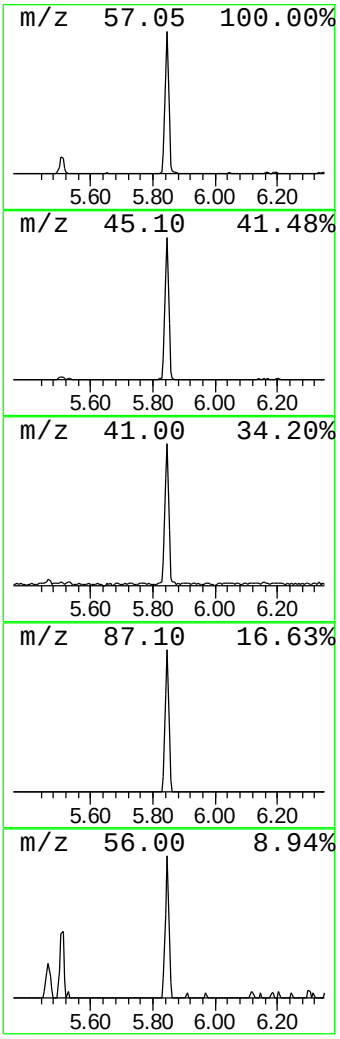
****

Peak Number 2 Ethylene glycol monoisobuty... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	3.59 ng	202452	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	25
5	Propanedioic acid, oxo-, bis(2-m...	230	C11H18O5	092778-43-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

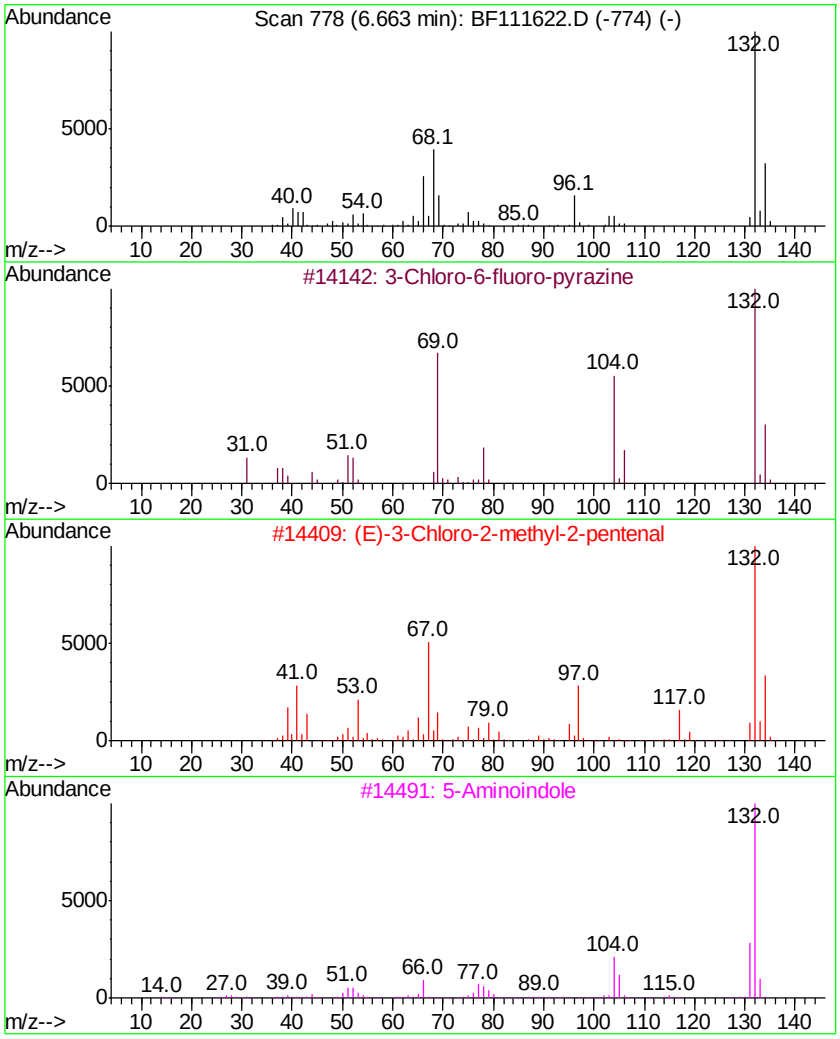
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

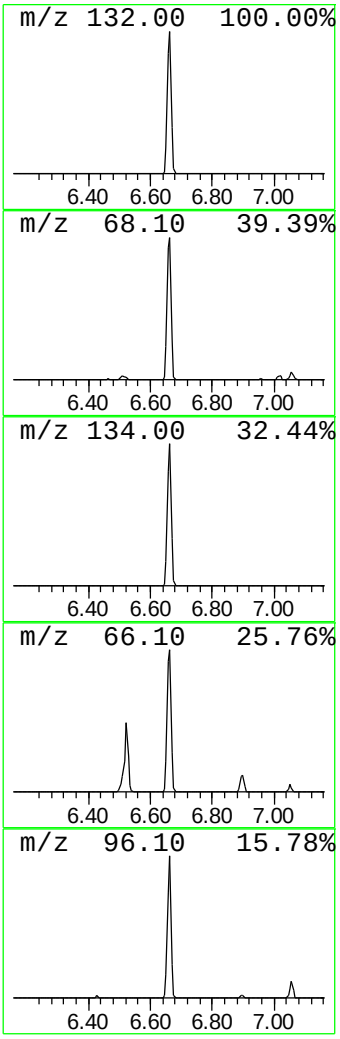
****

Peak Number 3 unknown6.66 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	5.66 ng	318921	1,4-Dichlorobenzene-d4	6.90

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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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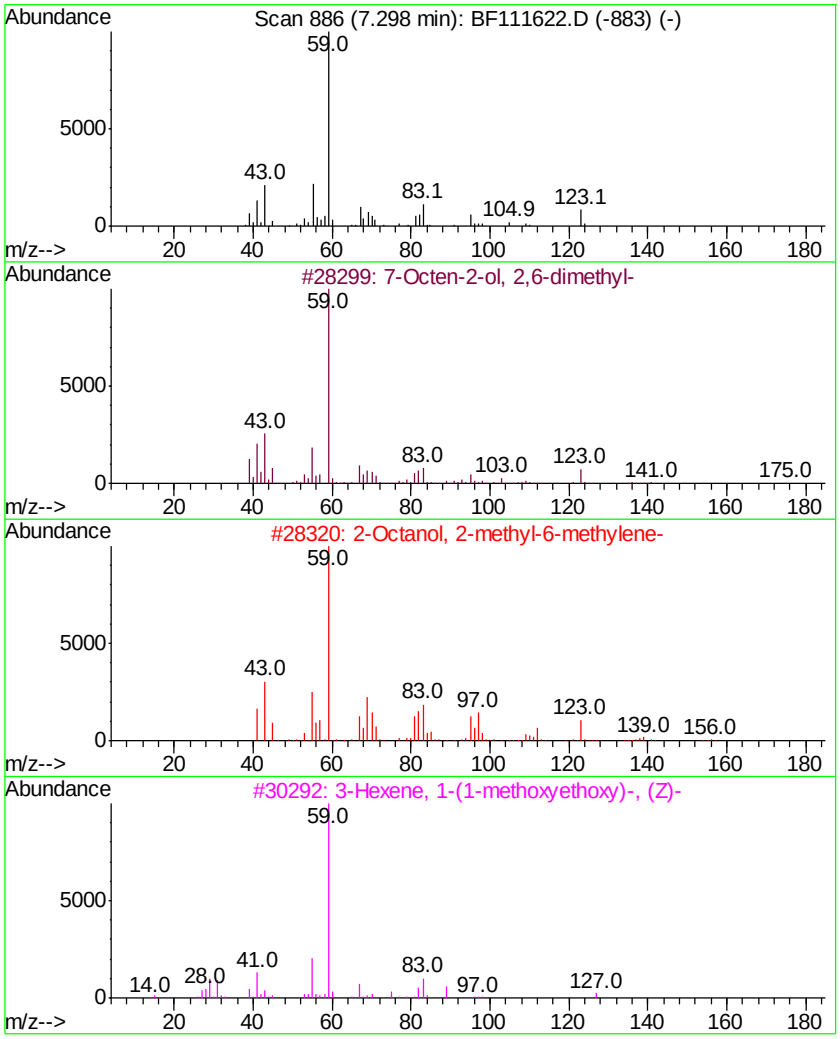
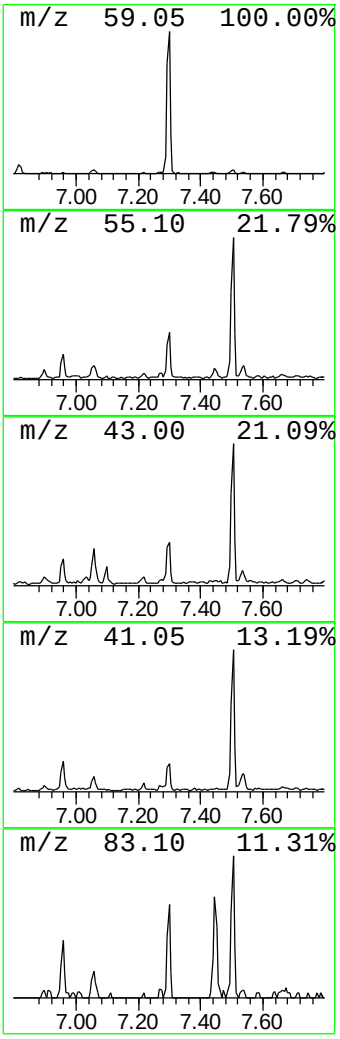
****

Peak Number 5 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.25 ng	127035	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	83
2	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	78
3	3-Hexene, 1-(1-methoxyethoxy)-, ...	158	C9H18O2	054340-96-4	50
4	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	50
5	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	40





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

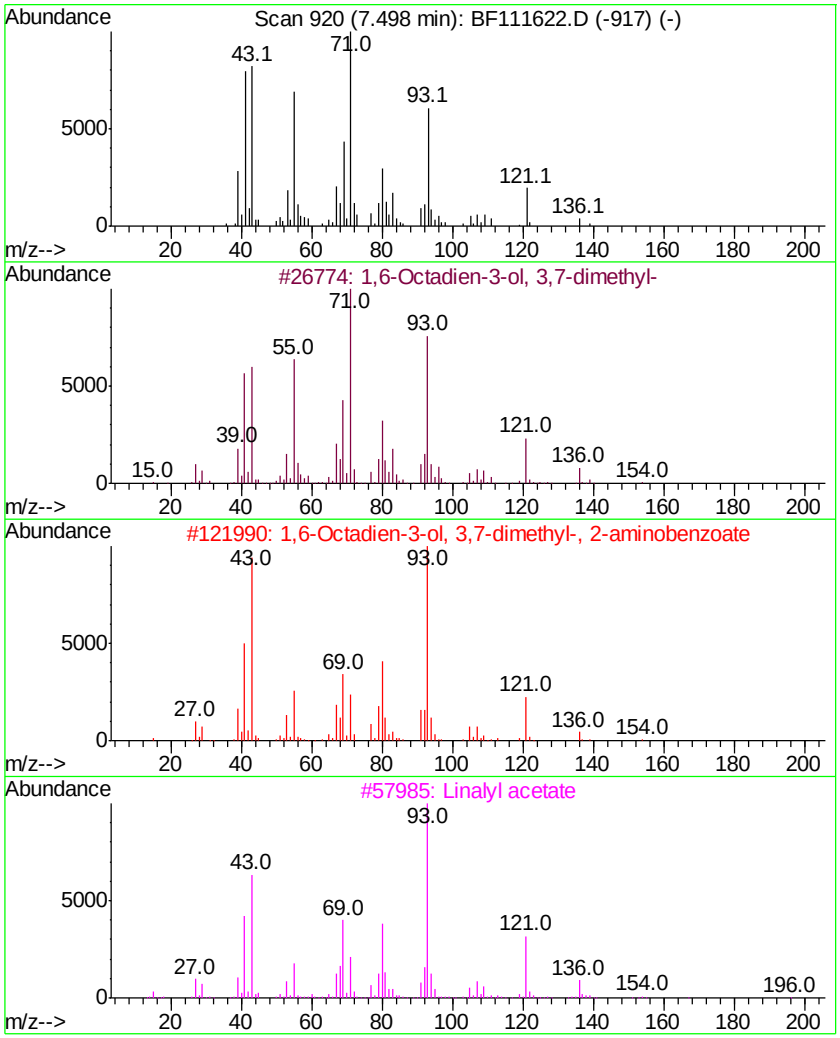
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

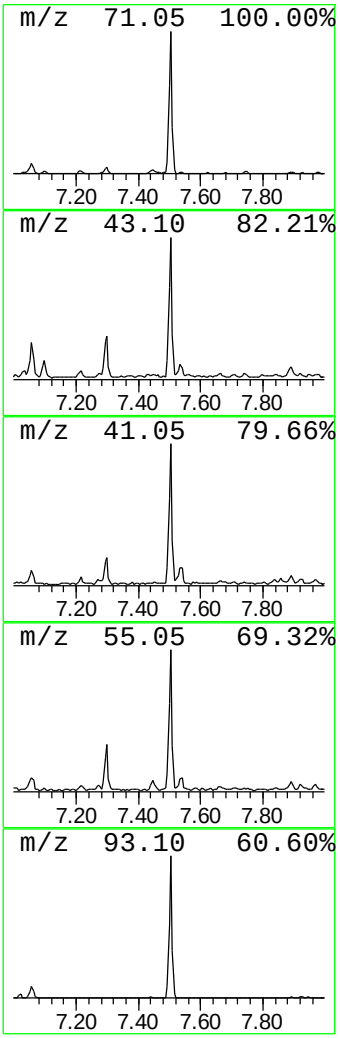
****

Peak Number 6 1,6-Octadien-3-ol, 3,7-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	5.59 ng	315429	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadien-3-ol, 3,7-dimethyl-	154	C10H18O	000078-70-6	90
2	1,6-Octadien-3-ol, 3,7-dimethyl-...	273	C17H23NO2	007149-26-0	53
3	Linalyl acetate	196	C12H20O2	000115-95-7	46
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	46
5	1,6-Octadien-3-ol, 3,7-dimethyl-...	210	C13H22O2	000144-39-8	43





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

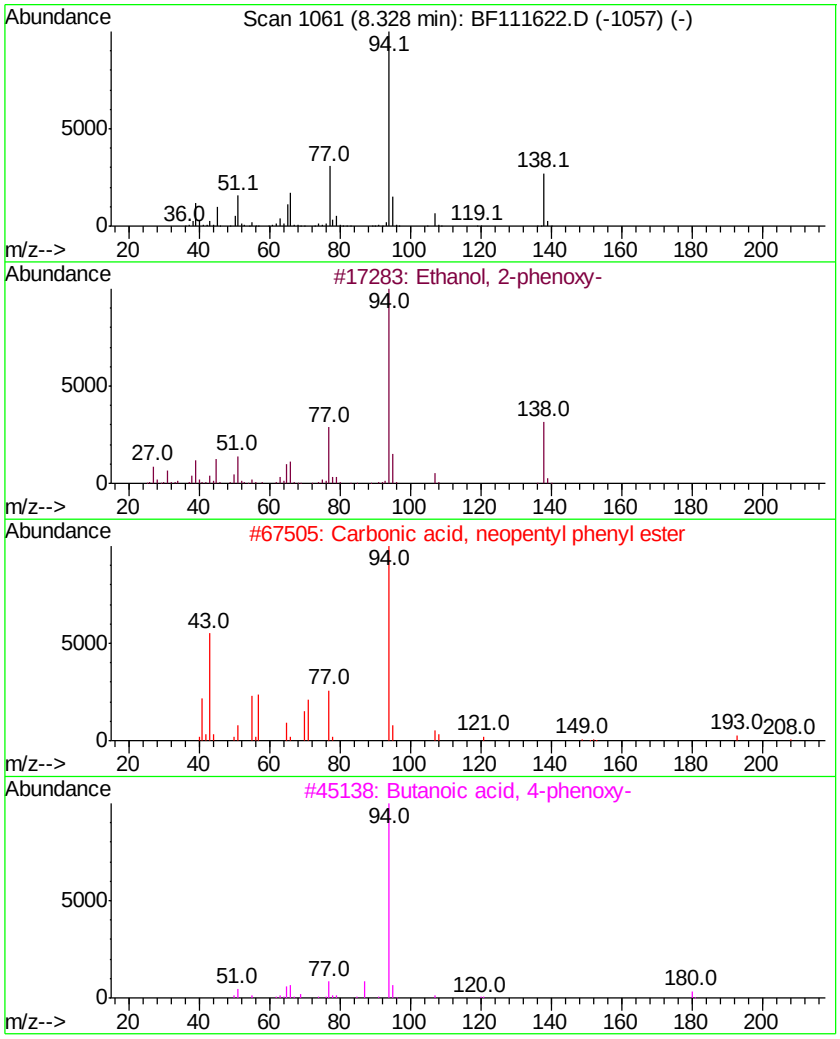
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

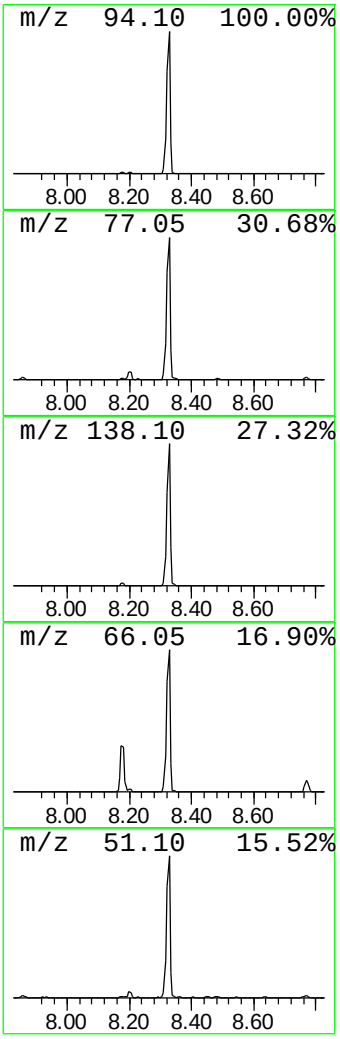
****

Peak Number 7 Ethanol, 2-phenoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	24.48 ng	1722090	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	95
2	Carbonic acid, neopentyl phenyl ...	208	C12H16O3	013183-19-2	59
3	Butanoic acid, 4-phenoxy-	180	C10H12O3	006303-58-8	59
4	Pyrimidine, 5-methyl-	94	C5H6N2	002036-41-1	50
5	Phenol	94	C6H6O	000108-95-2	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

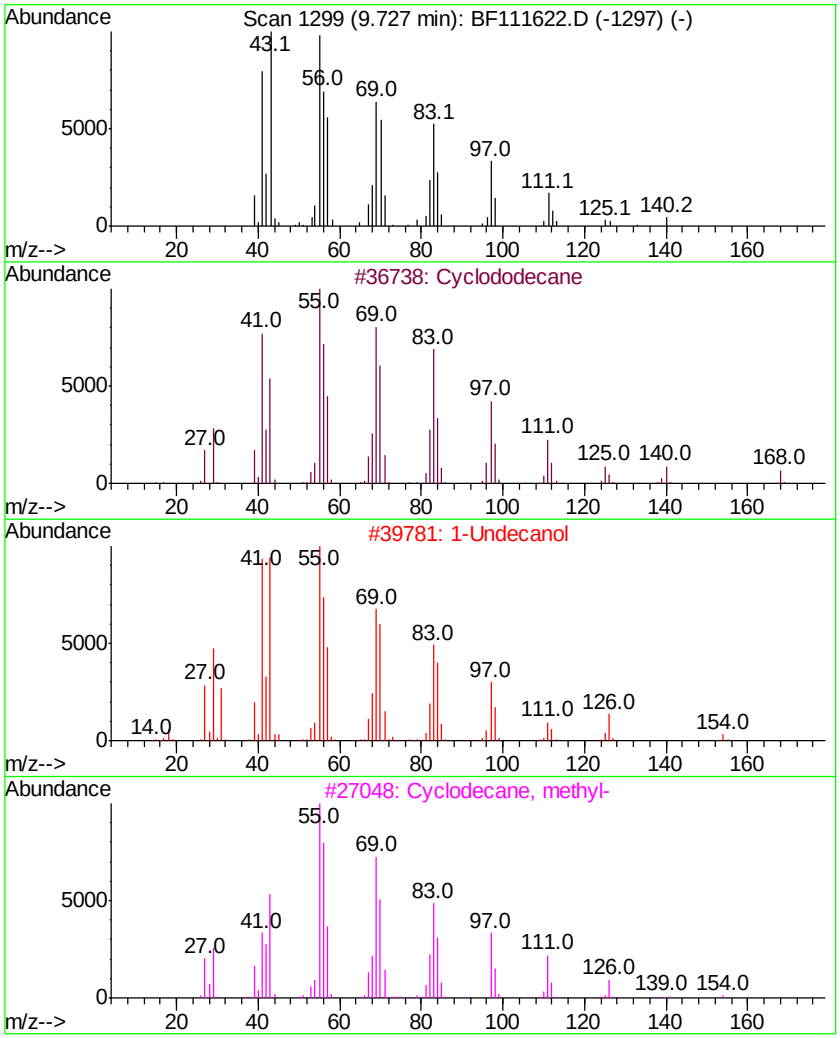
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

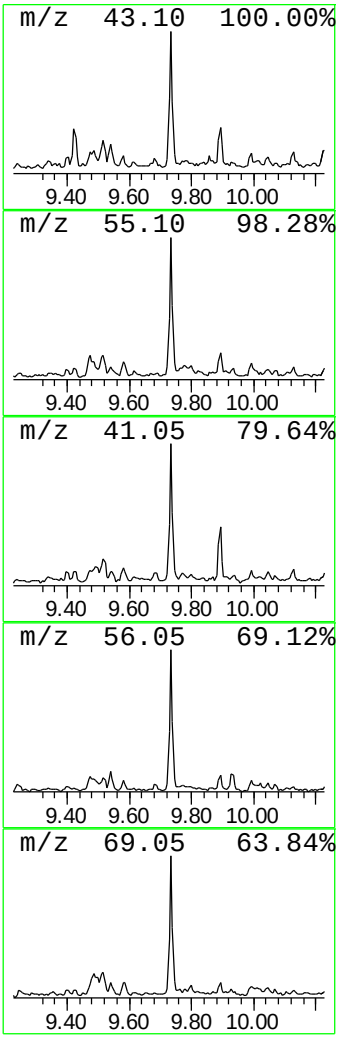
****

Peak Number 8 Cyclododecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	3.59 ng	252741	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	91
2	1-Undecanol	172	C11H24O	000112-42-5	91
3	Cyclodecane, methyl-	154	C11H22	013151-43-4	91
4	Pentafluoropropionic acid, decyl...	304	C13H21F5O2	959000-65-8	91
5	Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91





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Data File : BF111622.D
Acq On : 20 Dec 2018 5:59
Operator : JU/SJ
Sample : J6462-06 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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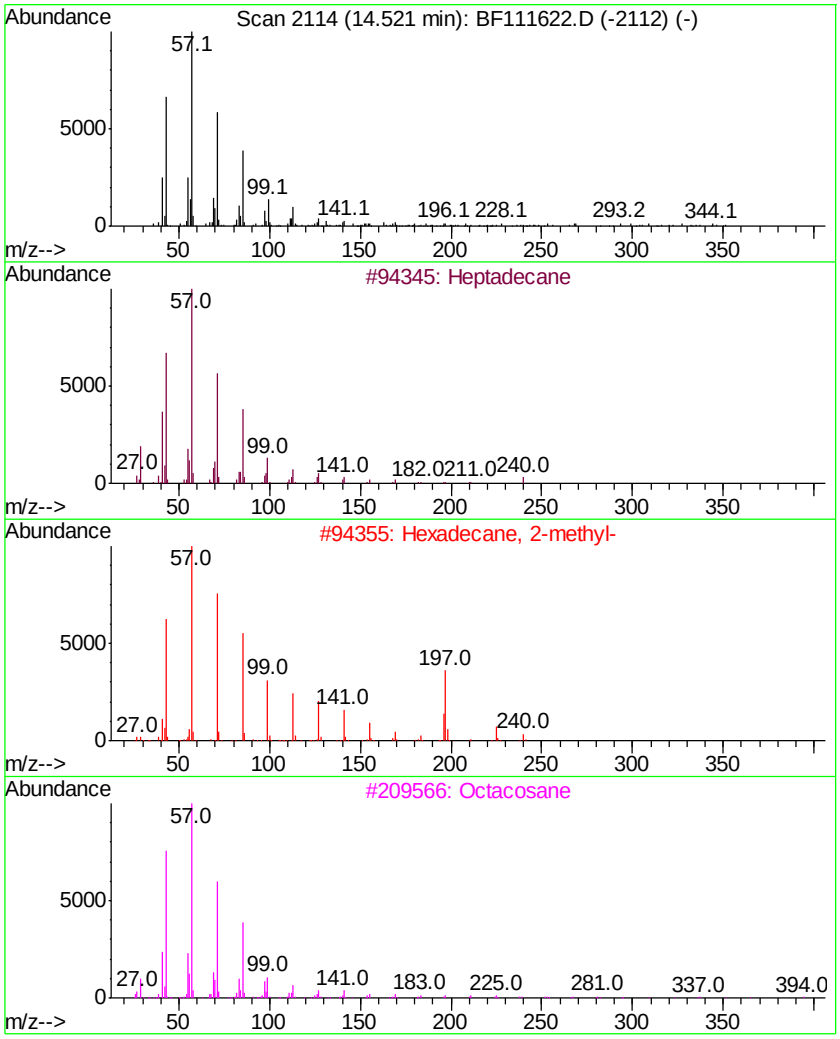
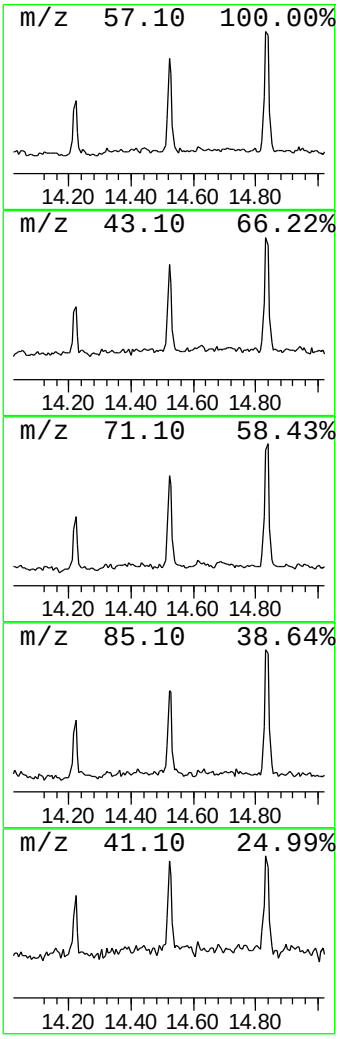
Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.41 ng	166159	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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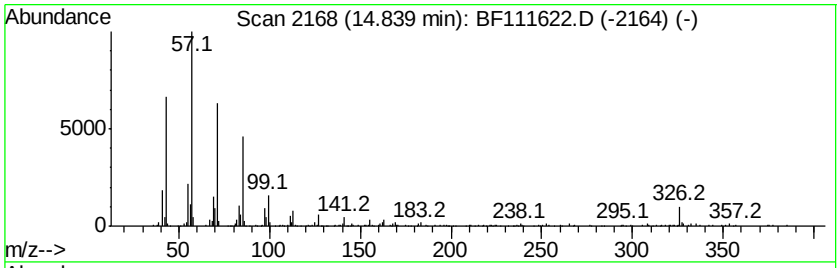
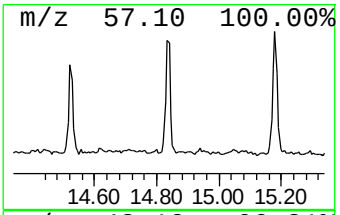
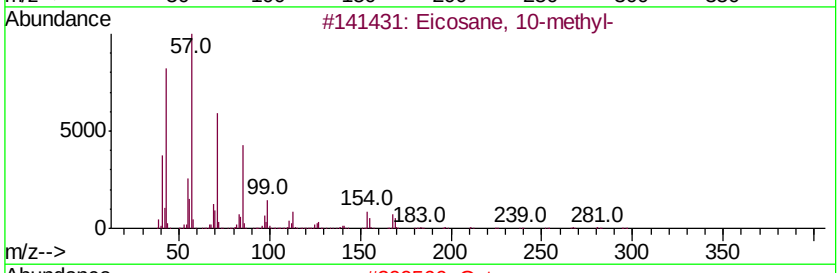
Peak Number 10 Eicosane, 10-methyl- Concentration Rank 4

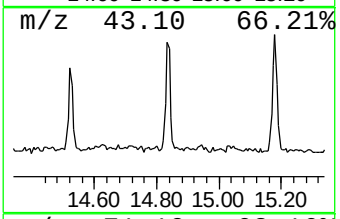
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	6.08 ng	277947	Perylene-d12	15.52

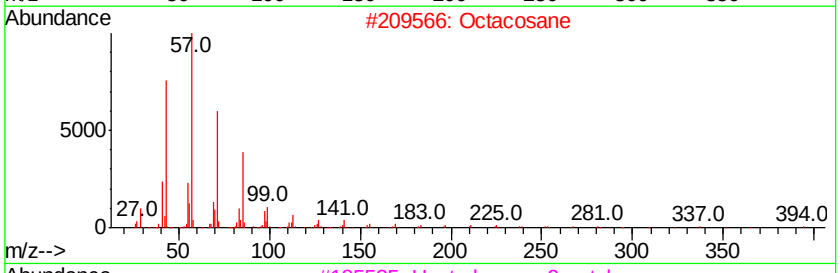
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83

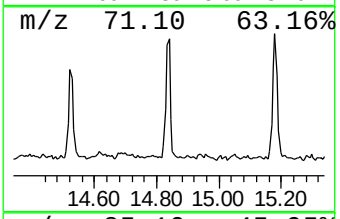


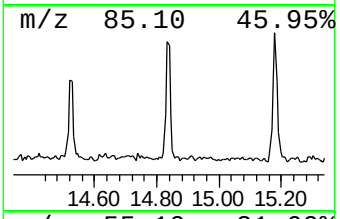


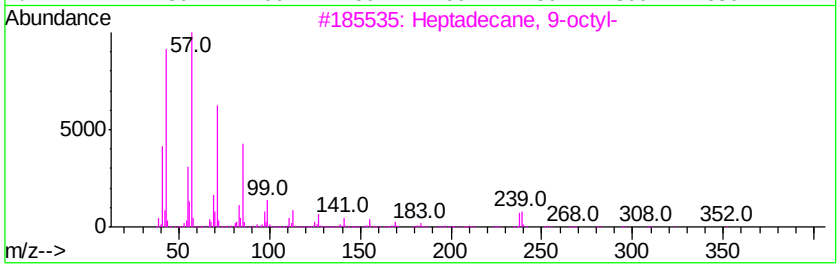


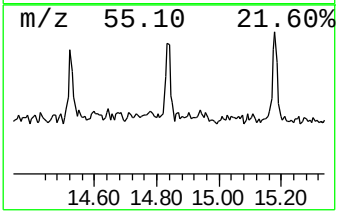












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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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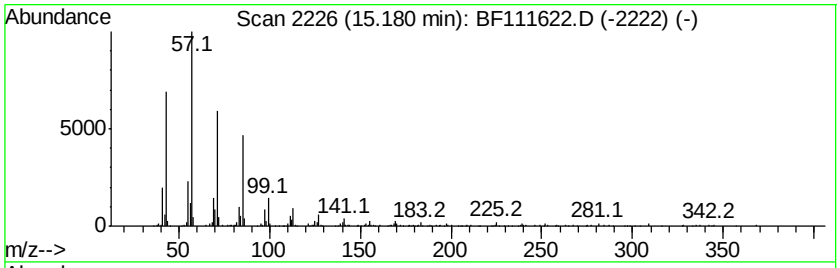
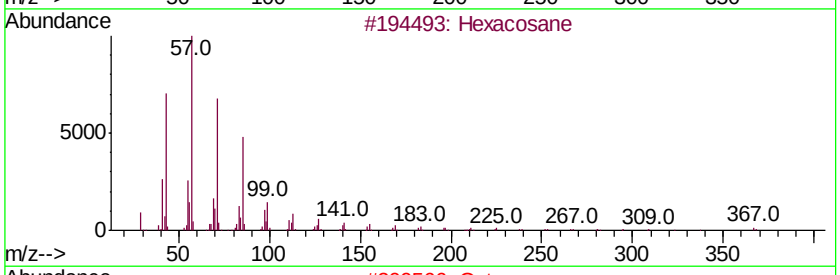
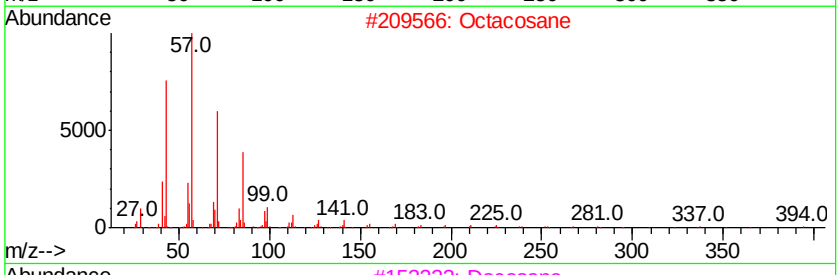
Peak Number 11 Hexacosane Concentration Rank 3

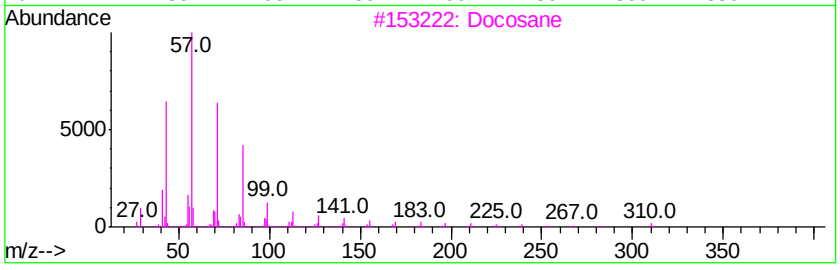
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	6.11 ng	279224	Perylene-d12	15.52

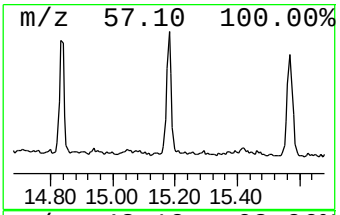
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Docosane	310	C22H46	000629-97-0	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87

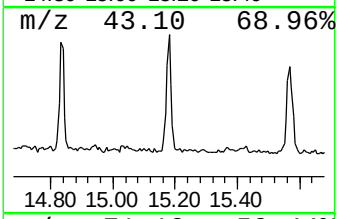


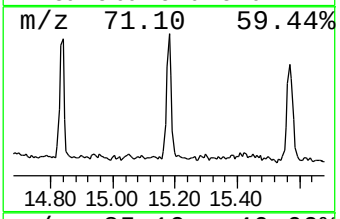


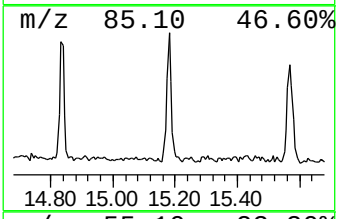


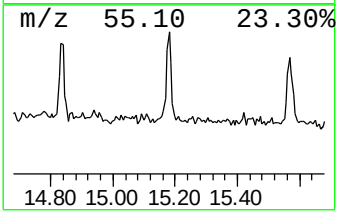












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Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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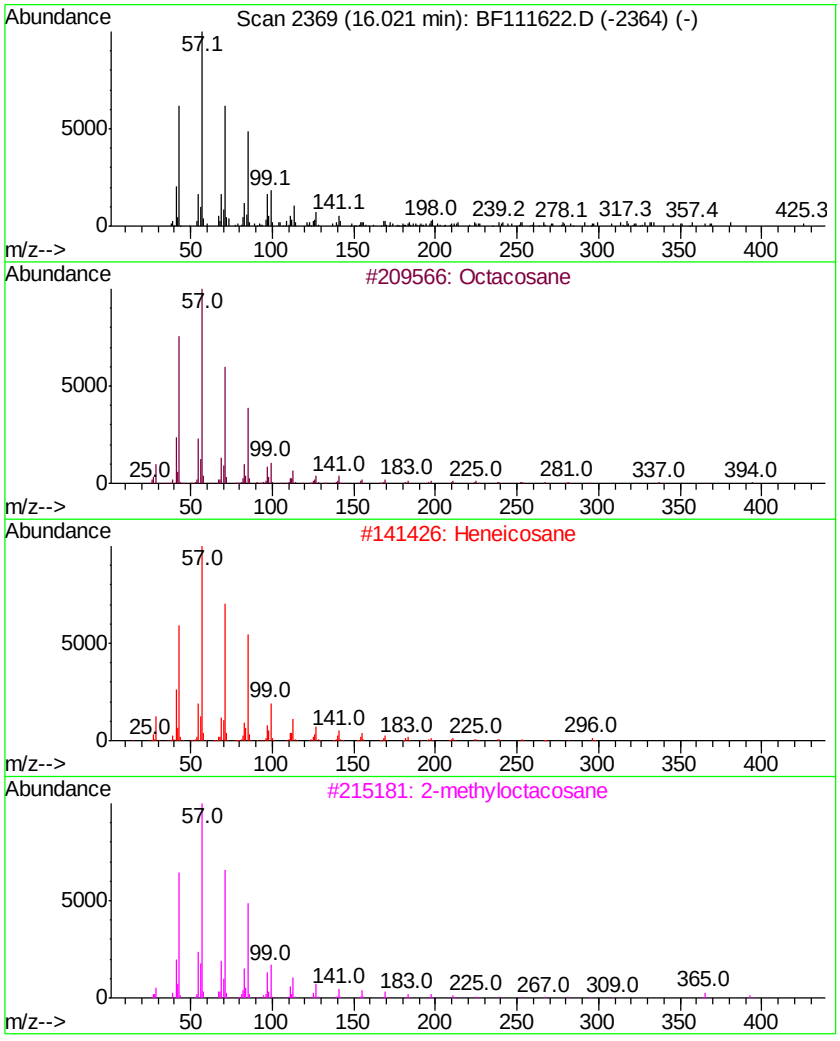
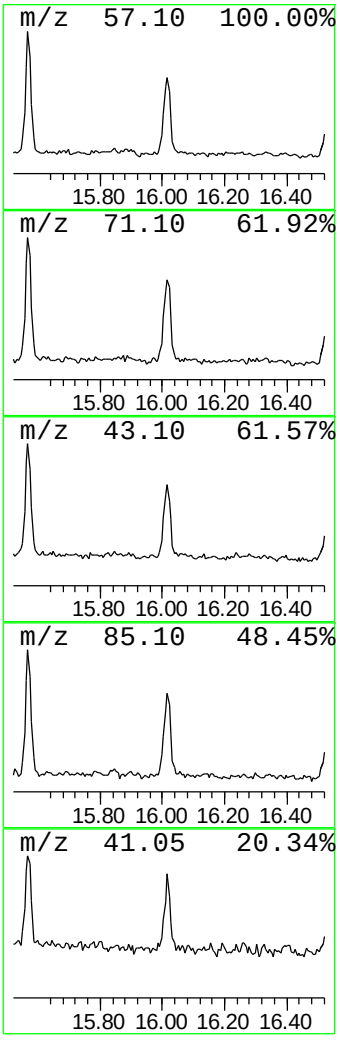
Peak Number 12 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	4.40 ng	201248	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Tricosane	324	C23H48	000638-67-5	87





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

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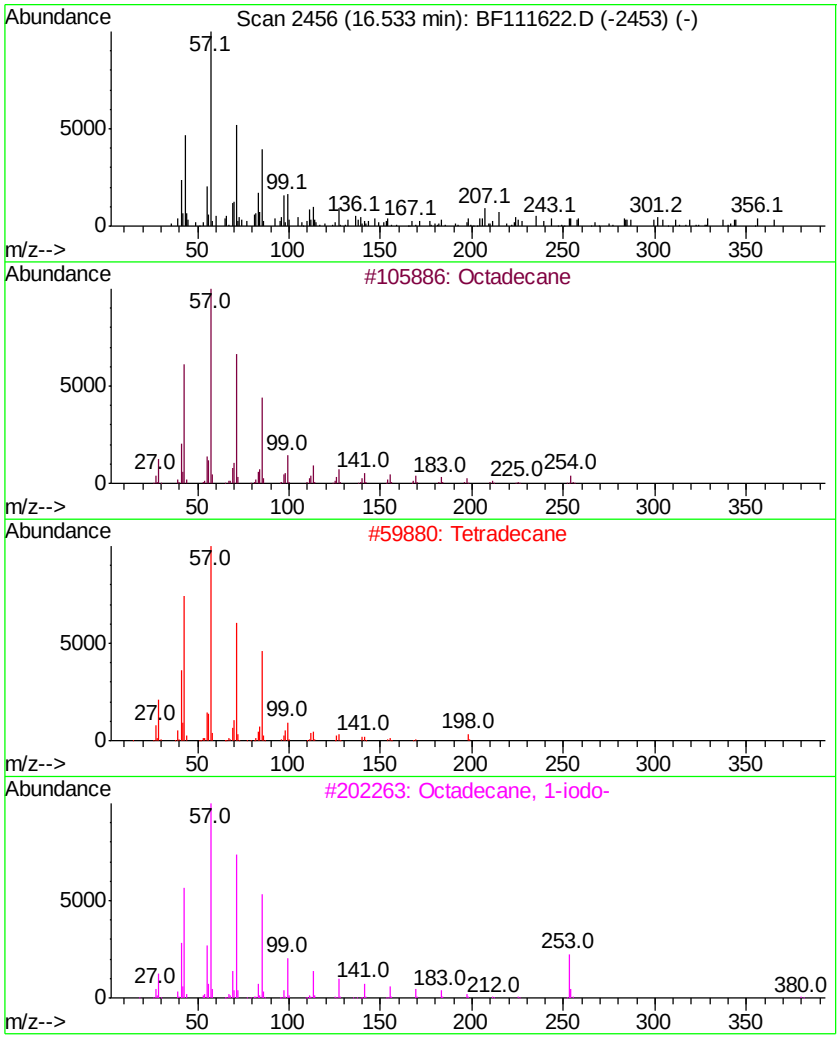
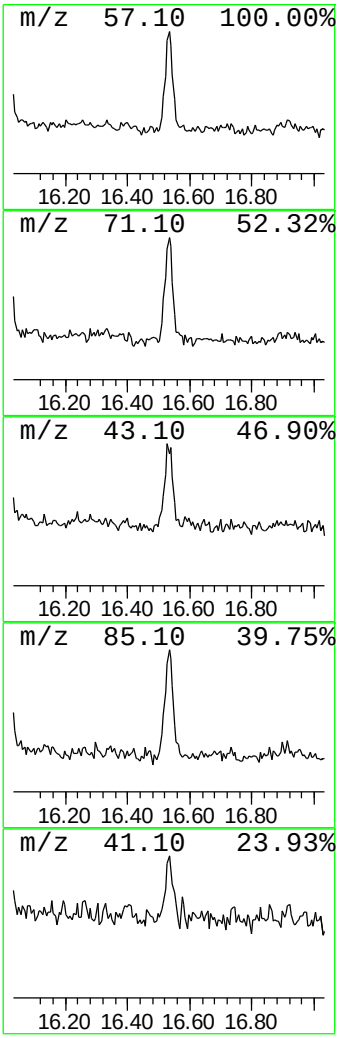
Peak Number 13 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.70 ng	123304	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Tetradecane	198	C14H30	000629-59-4	58
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	58
4	Octacosane	394	C28H58	000630-02-4	52
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	52





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.17	2.1	ng	121198	1	6.90	1127780	20.0
Ethylene glycol m...	5.85	3.6	ng	202452	1	6.90	1127780	20.0
unknown6.66	6.66	5.7	ng	318921	1	6.90	1127780	20.0
7-Octen-2-ol, 2,6...	7.30	2.3	ng	127035	1	6.90	1127780	20.0
1,6-Octadien-3-ol...	7.50	5.6	ng	315429	1	6.90	1127780	20.0
Ethanol, 2-phenoxy-	8.33	24.5	ng	1722090	2	8.18	1406770	20.0
Cyclododecane	9.73	3.6	ng	252741	3	9.93	1406490	20.0
Heptadecane	14.52	2.4	ng	166159	5	14.04	1378090	20.0
Eicosane, 10-methyl-	14.84	6.1	ng	277947	6	15.52	913737	20.0
Hexacosane	15.18	6.1	ng	279224	6	15.52	913737	20.0
Octacosane	16.02	4.4	ng	201248	6	15.52	913737	20.0
Octadecane	16.53	2.7	ng	123304	6	15.52	913737	20.0