LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109256.D
Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-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-BF092218.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	4.881	468	475	477	rBV	57484	64607	2.77%	0.180%
2	4.904	477	479	484	rVB	83132	75565	3.23%	0.211%
3	5.310	544	548	554	rBV	736560	653573	27.97%	1.821%
4	5.651	603	606	611	rVB	32926	30479	1.30%	0.085%
5	6.204	697	700	706	rBV	32034	29543	1.26%	0.082%
6	6.339	719	723	731	rVB	522730	468658	20.06%	1.306%
7	6.475	742	746	749	rBV	1512799	1239620	53.06%	3.454%
8	6.516	750	753	756	rVV	99591	81725	3.50%	0.228%
9	6.545	756	758	761	rVB	65860	52410	2.24%	0.146%
10	6.639	770	774	777	rBV	156349	148258	6.35%	0.413%
11	6.704	782	785	789	rBV	876839	734729	31.45%	2.047%
12	6.769	794	796	804	rVV2	41195	50923	2.18%	0.142%
13	6.863	808	812	815	rVV	1749493	1363906	58.37%	3.801%
14	6.928	817	823	827	rVB4	15860	30212	1.29%	0.084%
15	7.110	850	854	858	rBV4	30469	34824	1.49%	0.097%
16	7.263	876	880	883	rBV	1198769	1122457	48.04%	3.128%
17	7.351	888	895	899	rBV5	34604	57952	2.48%	0.161%
18	7.445	904	911	916	rVB6	32425	48283	2.07%	0.135%
19	7.569	927	932	935	rBV	30543	30301	1.30%	0.084%
20	7.622	937	941	944	rVV	544357	493800	21.13%	1.376%
21	7.651	944	946	954	rVB	276829	266611	11.41%	0.743%
22	7.739	954	961	965	rBV4	68622	110273	4.72%	0.307%
23	7.910	986	990	993	rVB3	41625	43079	1.84%	0.120%
24	7.986	999	1003	1006	rBV	1192694	970585	41.54%	2.705%
25	8.039	1010	1012	1016	rVB2	43460	42024	1.80%	0.117%
26	8.092	1017	1021	1024	rBV	75375	70823	3.03%	0.197%
27	8.151	1027	1031	1035	rBV4	51850	69637	2.98%	0.194%
28	8.216	1035	1042	1045	rBV2	176993	196773	8.42%	0.548%
29	8.263	1047	1050	1053	rBV3	39220	41889	1.79%	0.117%
30	8.304	1054	1057	1059	rVB3	31762	31428	1.35%	0.088%
31	8.333	1059	1062	1064	rBV3	36745	35030	1.50%	0.098%
32	8.416	1073	1076	1078	rVB3	49632	44798	1.92%	0.125%
33	8.439	1078	1080	1086	rVB5	48405	58434	2.50%	0.163%
34	8.486	1086	1088	1094	rVB6	49465	51272	2.19%	0.143%

LSC Area Percent Report

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Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.539	1094	1097	1100	rBV2	38339	50580	2.16%	0.141%
36	8.645	1113	1115	1118	rVB	73061	62326	2.67%	0.174%
37	8.692	1118	1123	1124	rBV4	38635	63593	2.72%	0.177%
38	8.710	1124	1126	1129	rVB2	38549	32089	1.37%	0.089%
39	8.745	1129	1132	1133	rBV2	39493	34480	1.48%	0.096%
40	8.780	1133	1138	1142	rVV4	75360	120153	5.14%	0.335%
41	8.822	1142	1145	1149	rVV2	53000	60751	2.60%	0.169%
42	8.898	1156	1158	1162	rVB3	41687	43933	1.88%	0.122%
43	8.945	1163	1166	1170	rVV4	66110	80819	3.46%	0.225%
44	9.063	1182	1186	1189	rVB	2520754	2120078	90.74%	5.908%
45	9.186	1201	1207	1211	rBV7	67056	110291	4.72%	0.307%
46	9.339	1231	1233	1235	rBV2	52732	48992	2.10%	0.137%
47	9.380	1237	1240	1245	rVV5	49044	80606	3.45%	0.225%
48	9.457	1250	1253	1257	rVB	306815	267345	11.44%	0.745%
49	9.739	1297	1301	1304	rBV	1229076	1083160	46.36%	3.018%
50	9.974	1339	1341	1344	rVB2	72404	51149	2.19%	0.143%
51	10.157	1369	1372	1375	rBV	129663	139136	5.95%	0.388%
52	10.298	1394	1396	1400	rBV5	75381	103775	4.44%	0.289%
53	10.521	1430	1434	1437	rBV	1224317	1061573	45.43%	2.958%
54	10.657	1454	1457	1463	rVB	117395	154372	6.61%	0.430%
55	11.216	1549	1552	1555	rVB	1224977	973354	41.66%	2.712%
56	11.780	1644	1648	1654	rVB	1316716	1620035	69.34%	4.514%
57	12.563	1777	1781	1786	rVB	1489730	1564291	66.95%	4.359%
58	12.804	1818	1822	1825	rVB	1891822	1718301	73.54%	4.788%
59	13.274	1895	1902	1910	rVB	827387	1974933	84.53%	5.503%
60	13.709	1974	1976	1980	rVB	312448	308359	13.20%	0.859%
61	13.845	1996	1999	2007	rVB	871516	830446	35.54%	2.314%
62	13.951	2011	2017	2026	rVB	1336673	2336467	100.00%	6.511%
63	14.027	2027	2030	2034	rVB	187167	192614	8.24%	0.537%
64	14.327	2078	2081	2085	rVB	421289	402540	17.23%	1.122%
65	14.498	2104	2110	2115	rVB	1236064	2051006	87.78%	5.715%
66	14.621	2128	2131	2140	rVB	761193	789082	33.77%	2.199%
67	14.692	2140	2143	2149	rVB	156140	156087	6.68%	0.435%
68	14.939	2181	2185	2190	rVB	749013	844120	36.13%	2.352%
69	15.009	2191	2197	2211	rVB	811488	1633204	69.90%	4.551%
70	15.245	2233	2237	2240	rBV	671798	761556	32.59%	2.122%
71	15.292	2240	2245	2252	rVB	671906	872154	37.33%	2.430%

LSC Area Percent Report

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Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.598	2293	2297	2307	rVB	317235	656039	28.08%	1.828%
73	15.692	2307	2313	2318	rVB	433534	639767	27.38%	1.783%
74	16.151	2386	2391	2400	rVB2	238757	427297	18.29%	1.191%
75	16.286	2407	2414	2422	rVB2	144524	356356	15.25%	0.993%
76	16.692	2478	2483	2490	rVB2	86770	163765	7.01%	0.456%

Sum of corrected areas: 35885455

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109256.D
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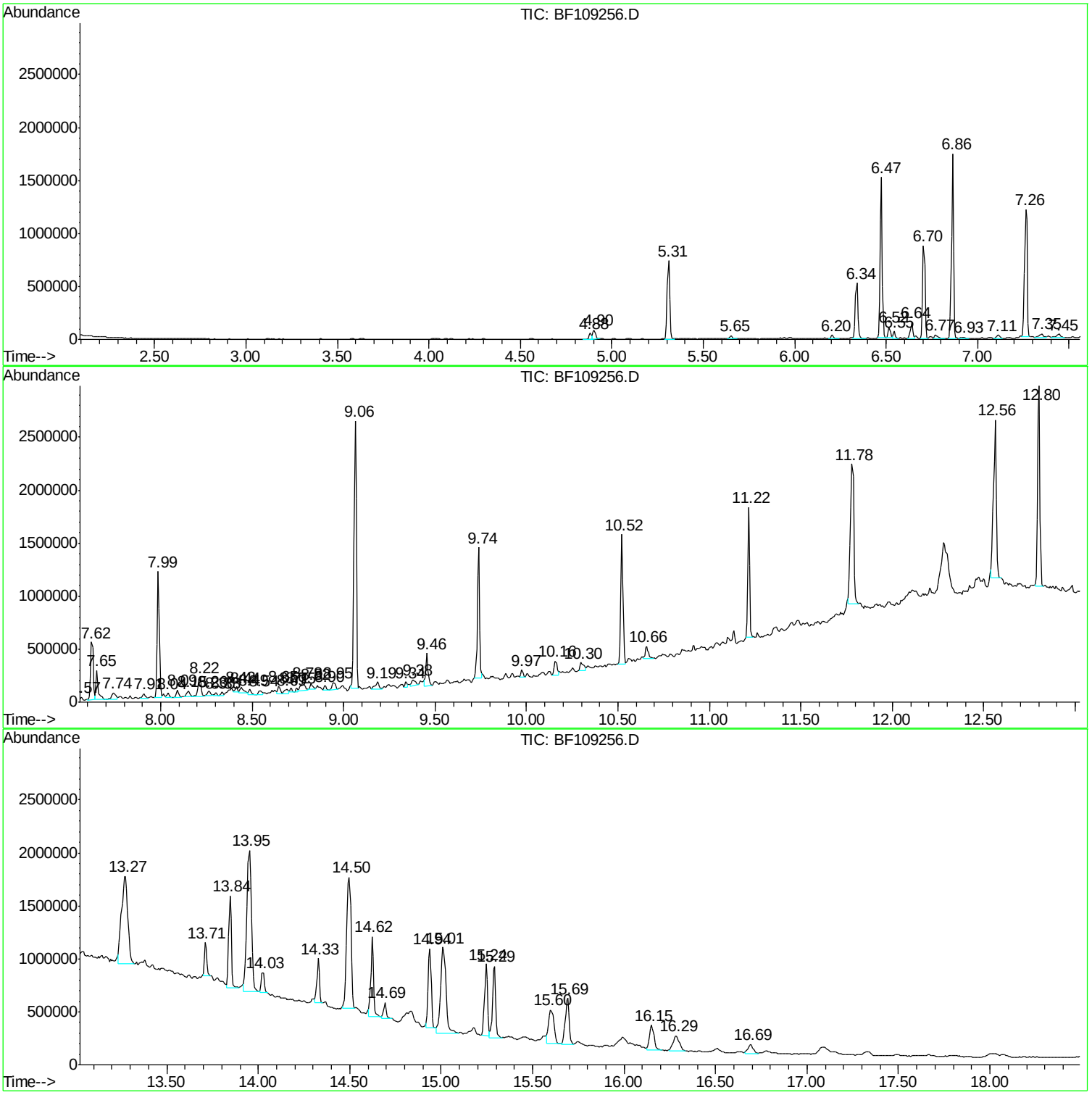
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092418\
Data File : BF109256.D
Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

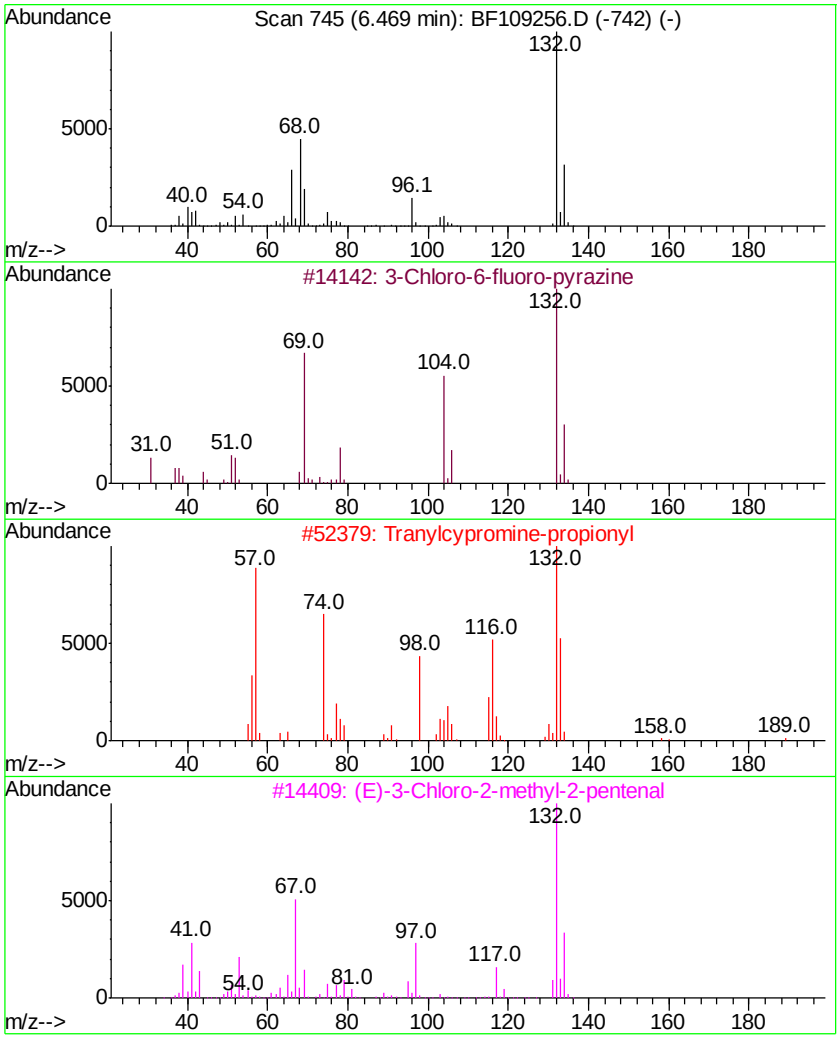
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

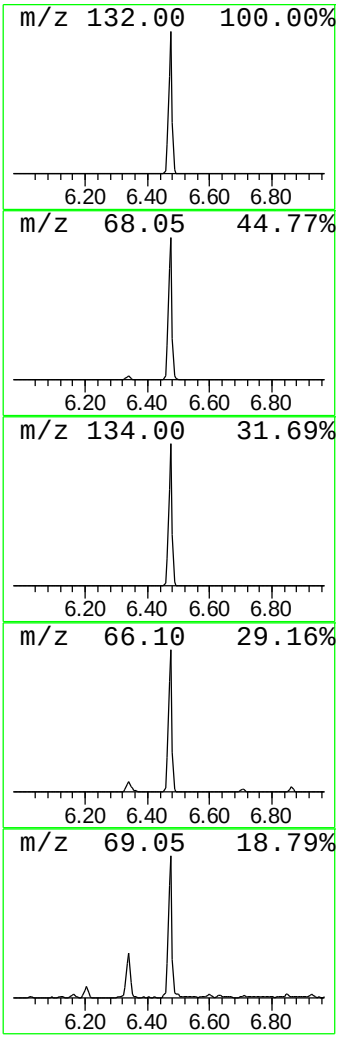
****

Peak Number 1 unknown6.47 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	33.74 ng	1239620	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109256.D
Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

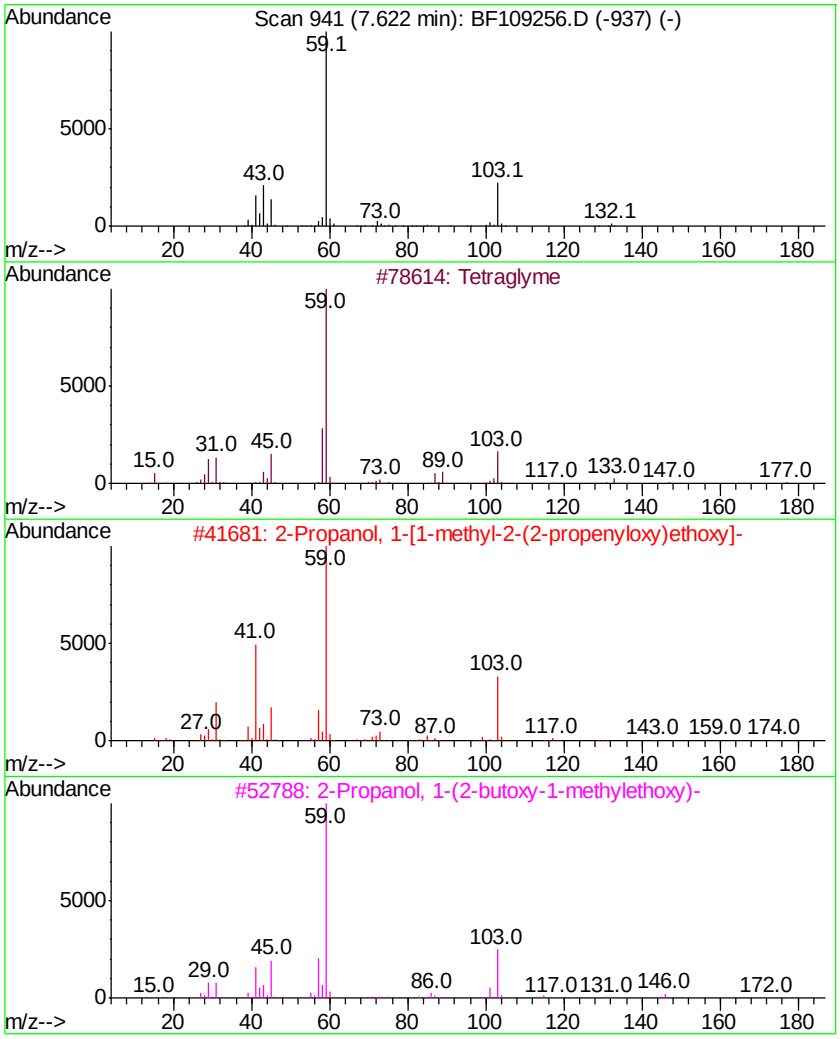
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

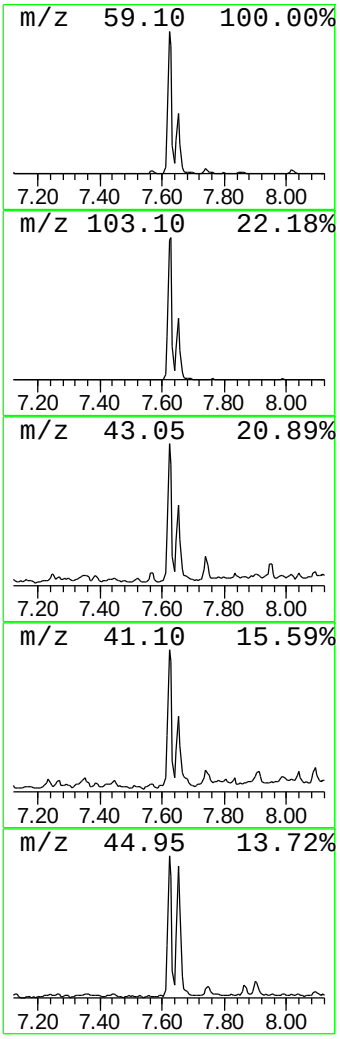
****

Peak Number 3 Tetraglyme Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	10.18 ng	493800	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraglyme	222	C10H22O5	000143-24-8	78
2	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	78
3	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	78
4	Methane, diethoxy-	104	C5H12O2	000462-95-3	64
5	2,5,8,11,14,17-Hexaoxaoctadecane	266	C12H26O6	001191-87-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109256.D
Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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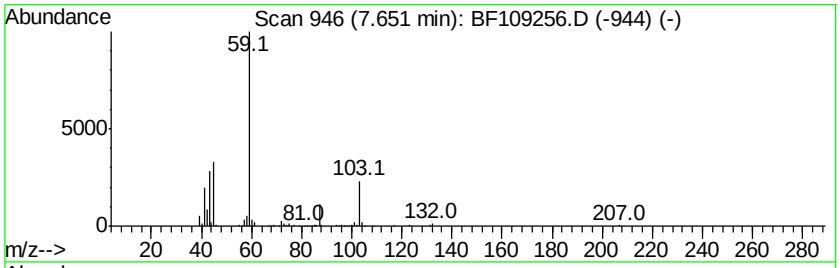
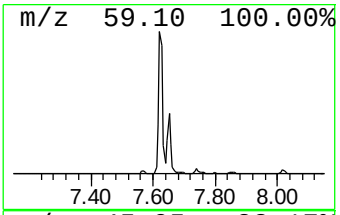
****

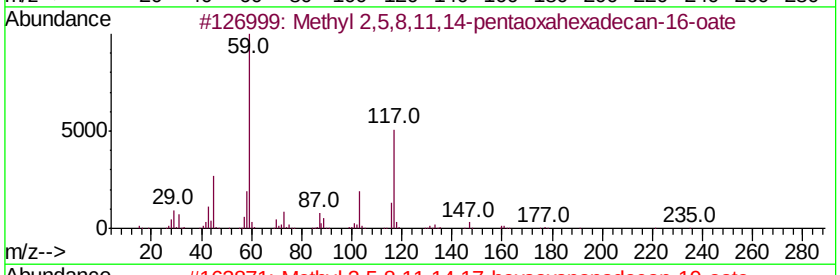
Peak Number 4 Methyl 2,5,8,11,14-pentaoxa... Concentration Rank 18

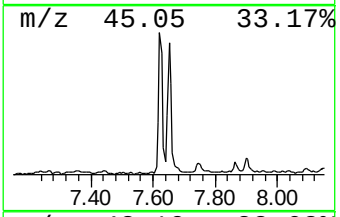
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	5.49 ng	266611	Naphthalene-d8	7.99

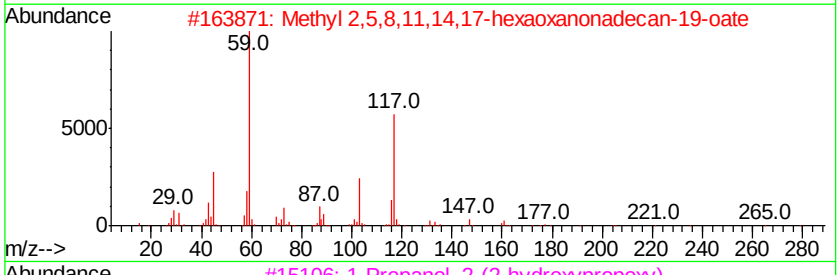
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2,5,8,11,14-pentaoxahexad...	280	C12H24O7	1000366-81-5	74
2	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	74
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
4	Tetraglyme	222	C10H22O5	000143-24-8	72
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	64

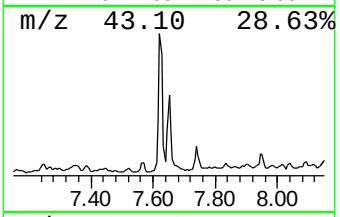


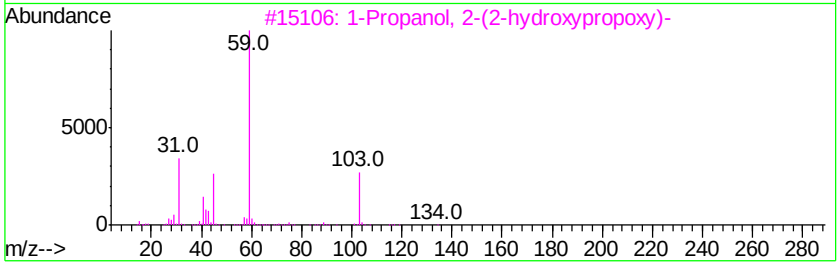


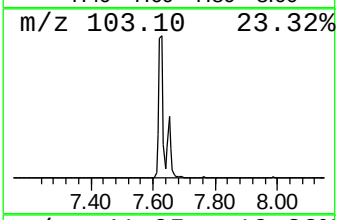


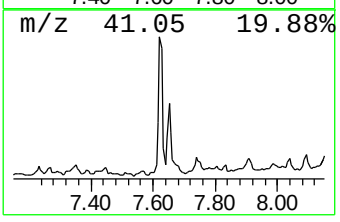












Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

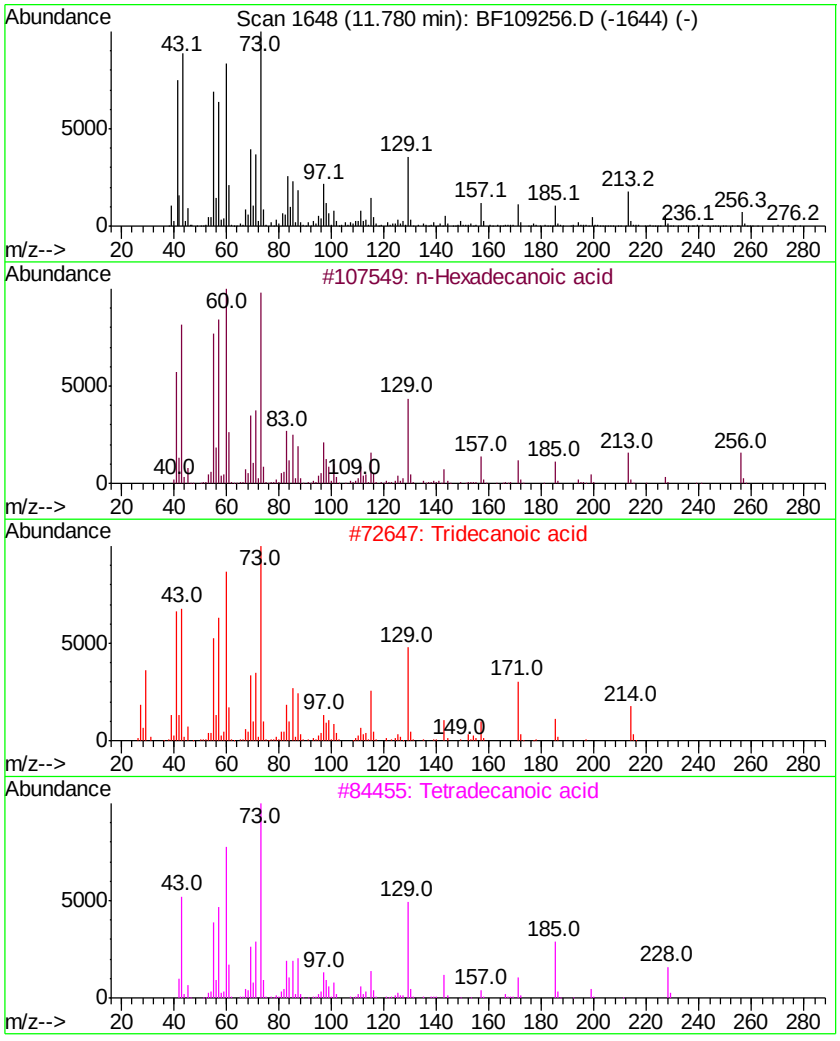
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

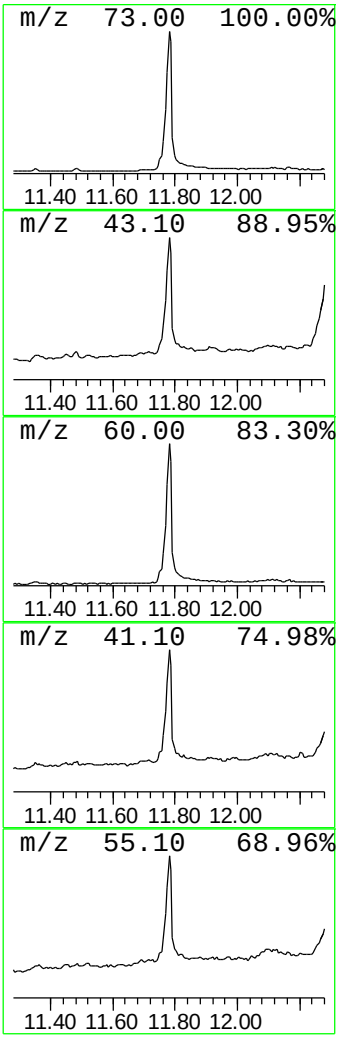
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	33.29 ng	1620040	Phenanthrene-d10	11.22

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	59





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Misc :
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Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

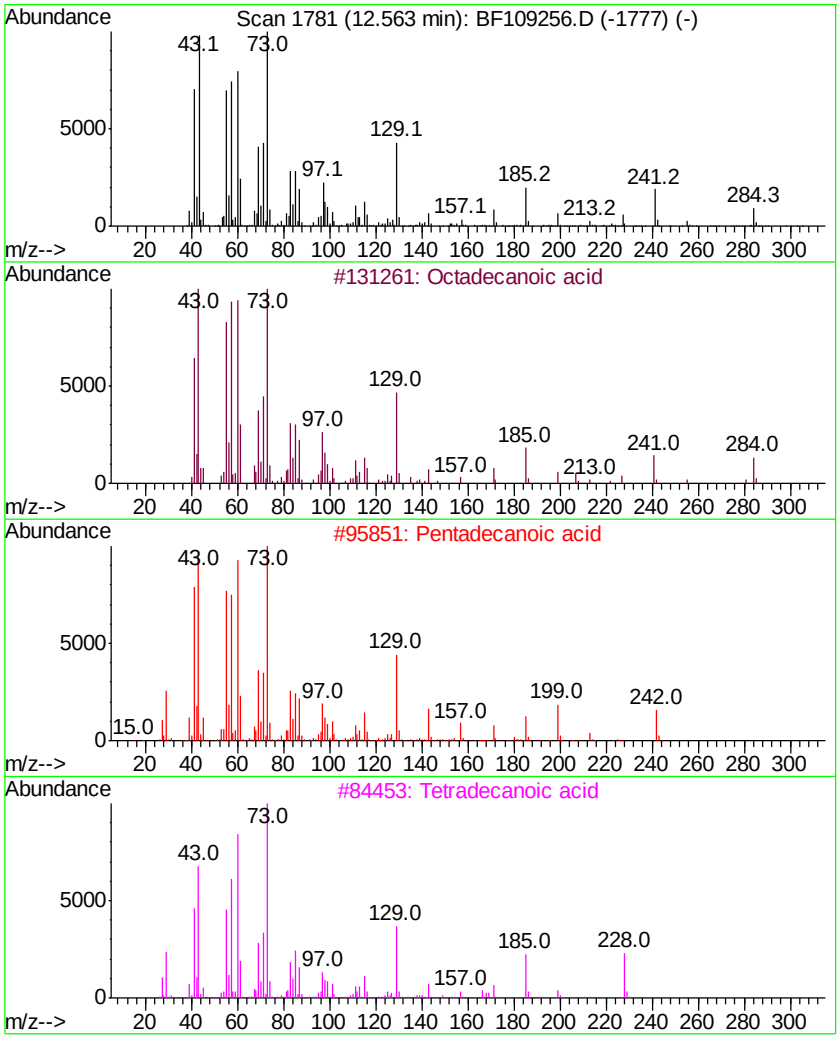
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

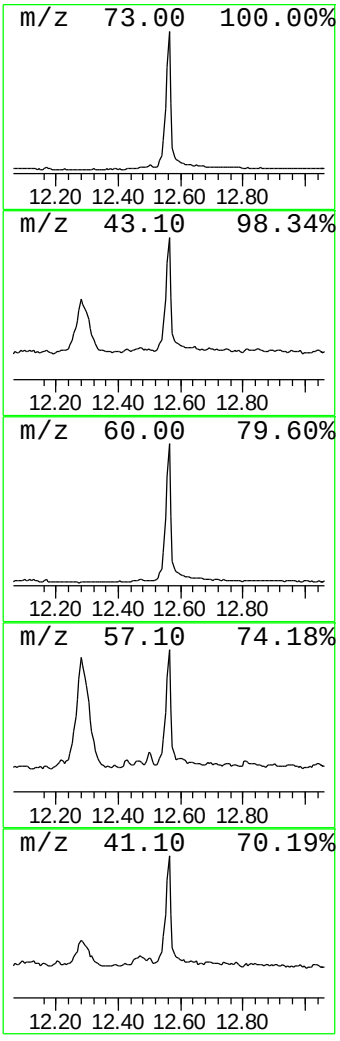
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	37.67 ng	1564290	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

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Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-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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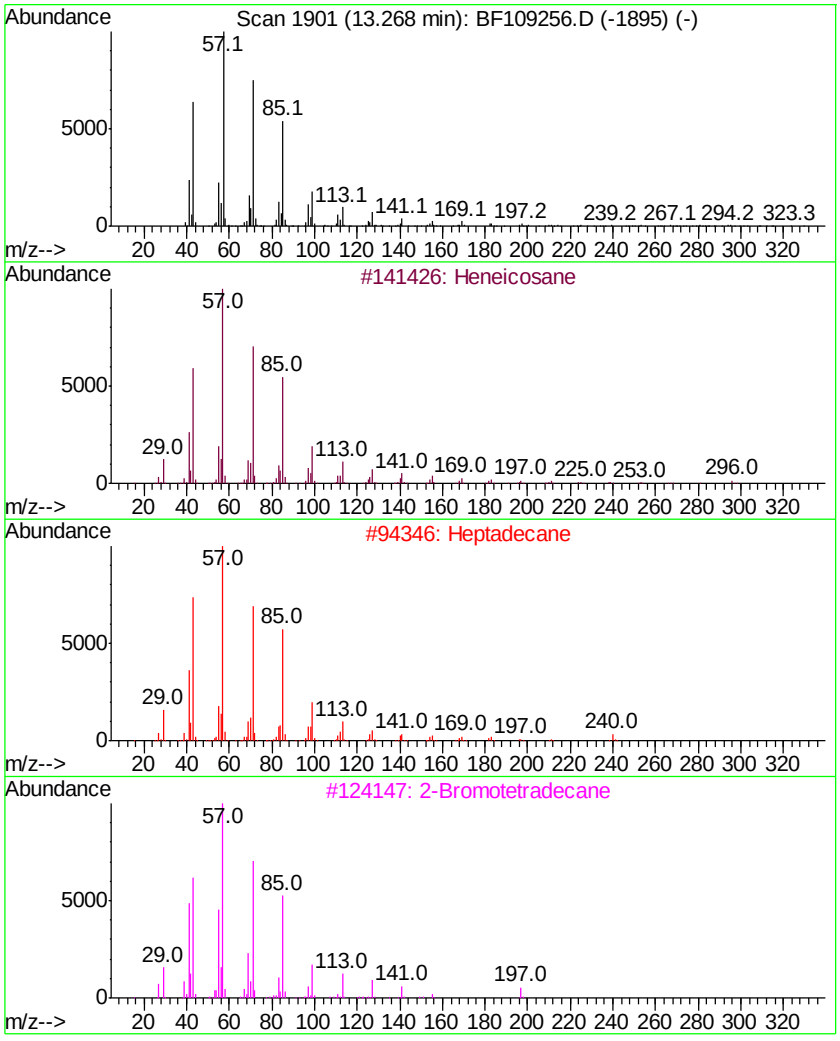
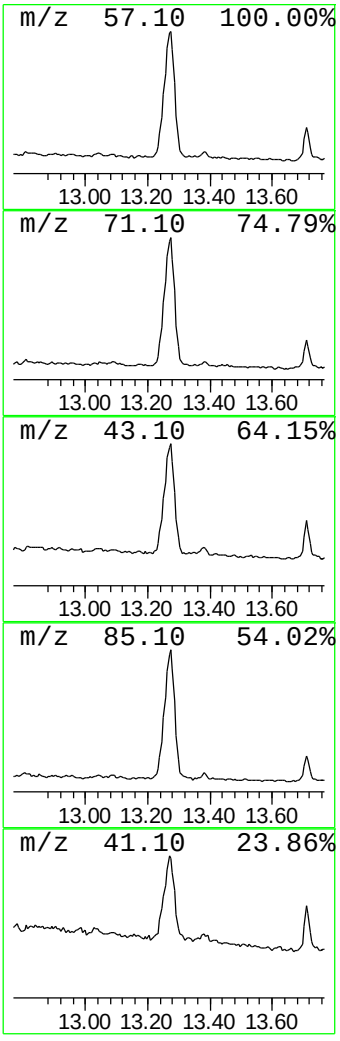
Peak Number 7 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	47.56 ng	1974930	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	80





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ClientSampleId : NS-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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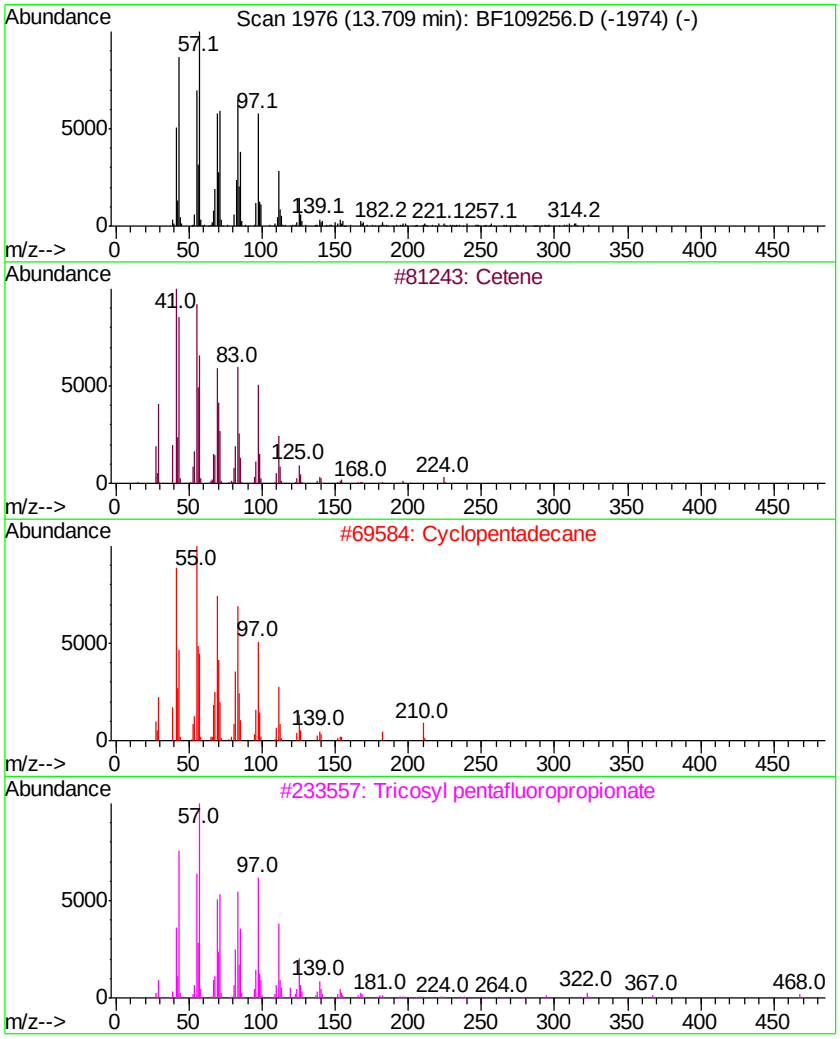
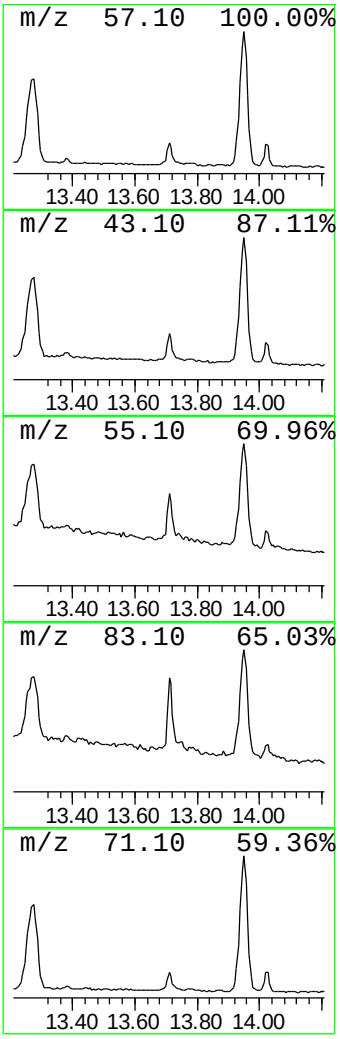
Peak Number 8 Cetene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	7.43 ng	308359	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	94
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
4	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





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ClientSampleId : NS-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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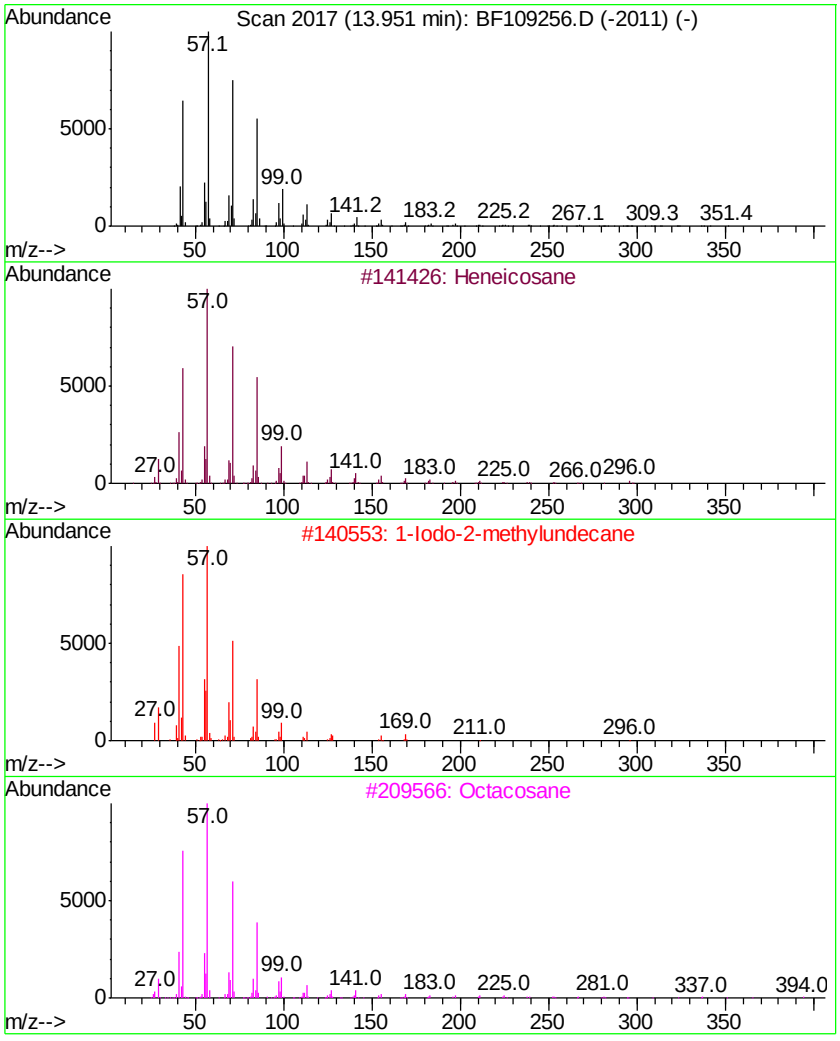
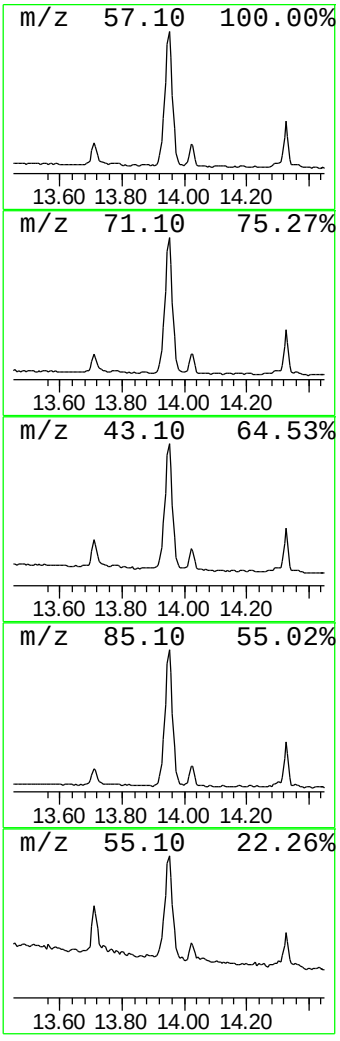
Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	56.27 ng	2336470	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	87





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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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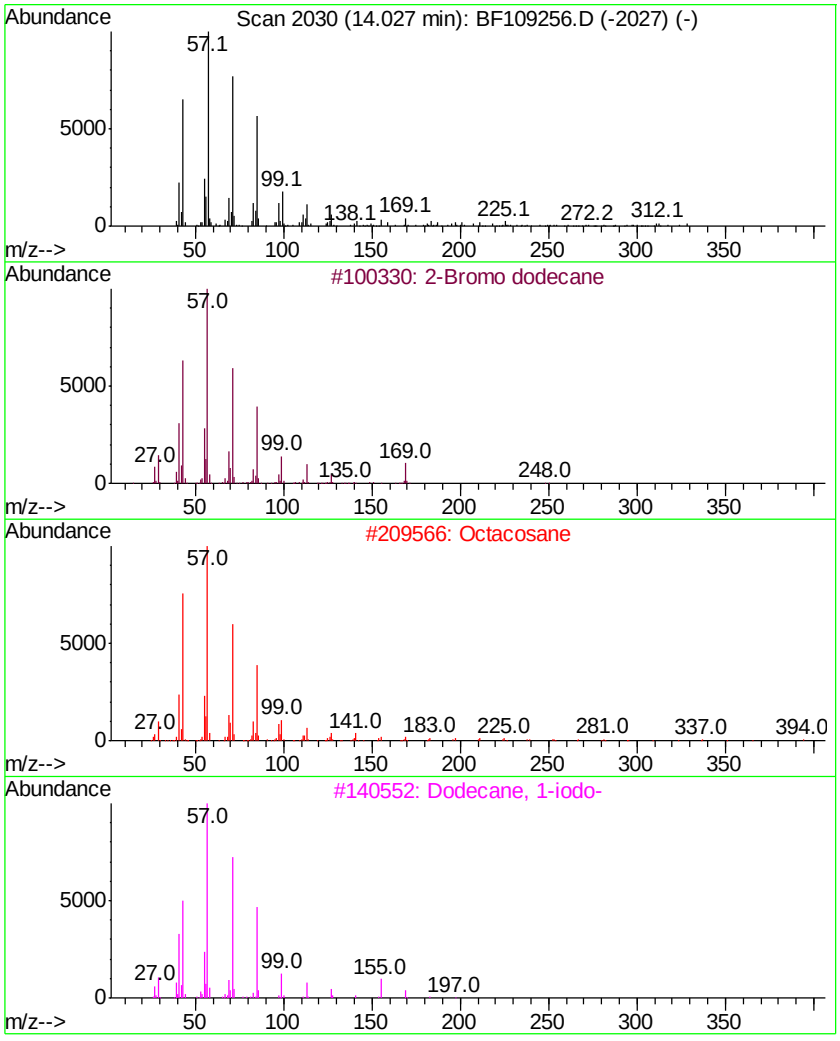
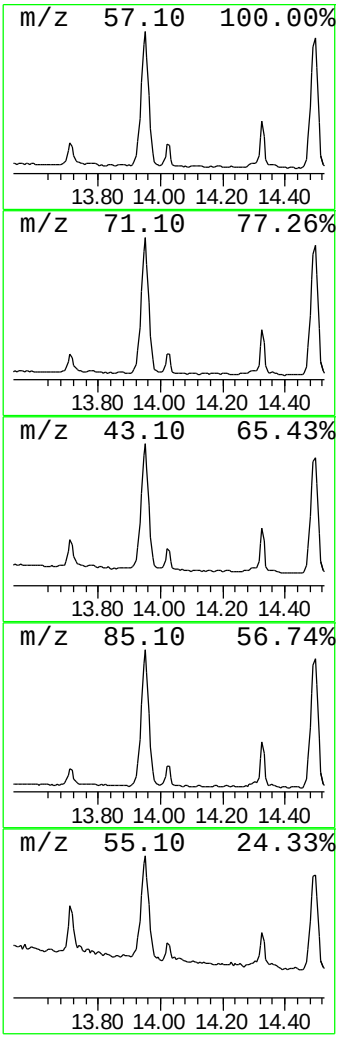
Peak Number 10 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	4.64 ng	192614	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Docosane	310	C22H46	000629-97-0	86





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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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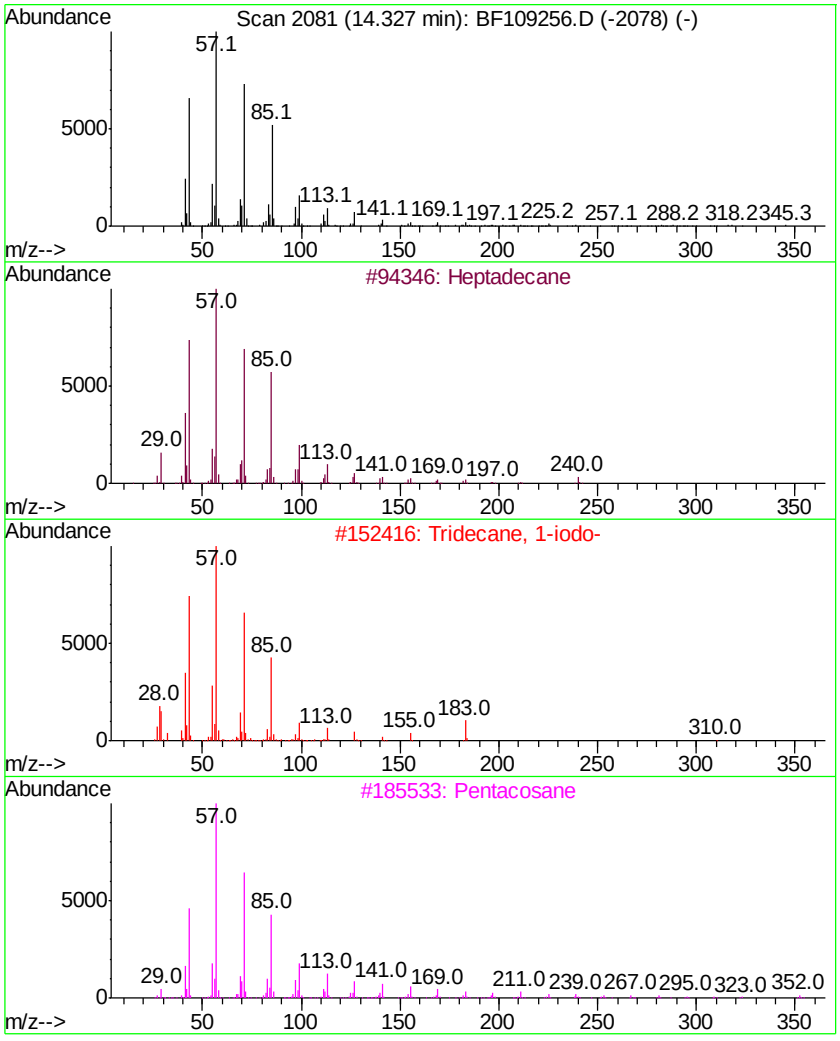
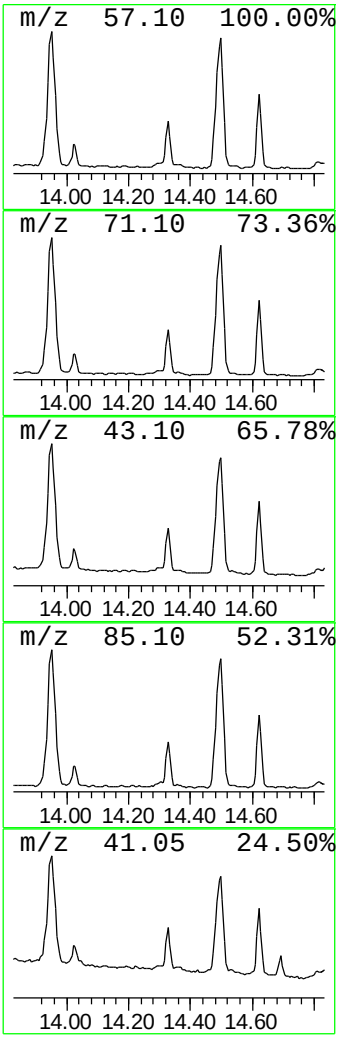
Peak Number 11 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	9.69 ng	402540	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Pentacosane	352	C25H52	000629-99-2	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Heptacosane	380	C27H56	000593-49-7	83





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ClientSampleId : NS-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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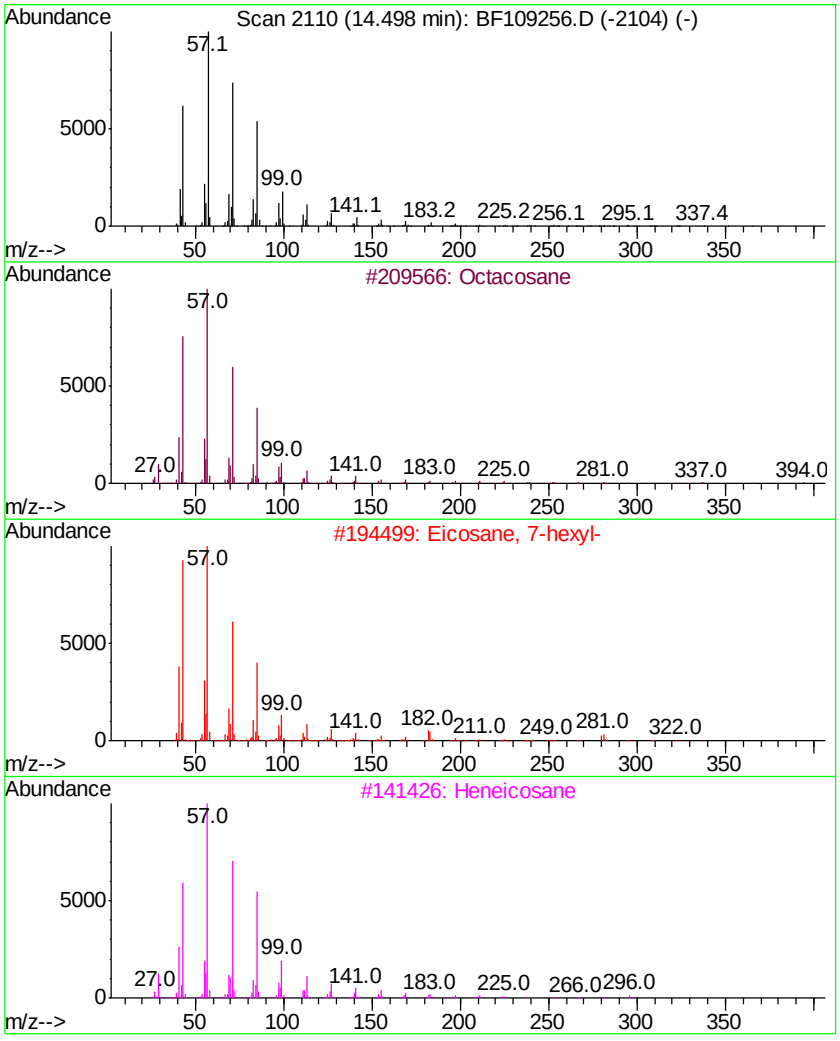
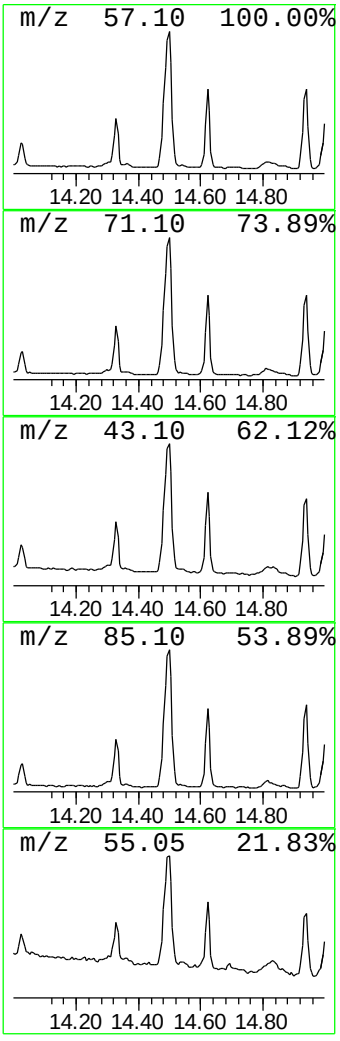
Peak Number 12 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	49.40 ng	2051010	Chrysene-d12	13.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Nonadecane	268	C19H40	000629-92-5	90





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

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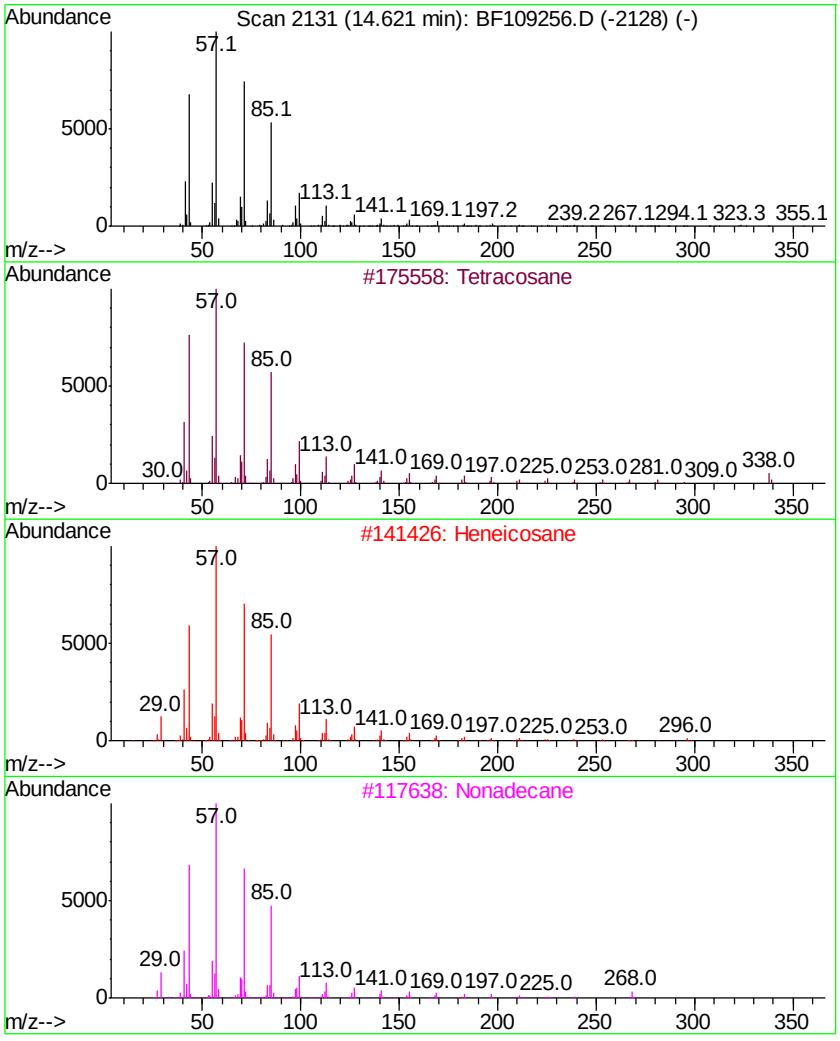
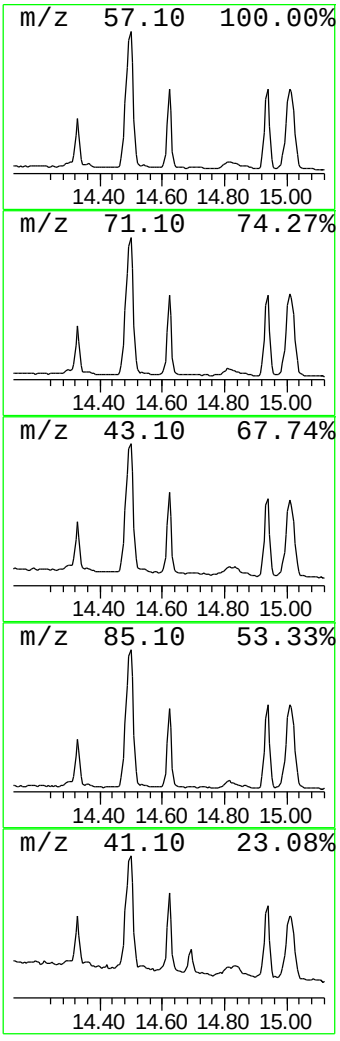
Peak Number 13 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	20.72 ng	789082	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Hexadecane	226	C16H34	000544-76-3	86





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

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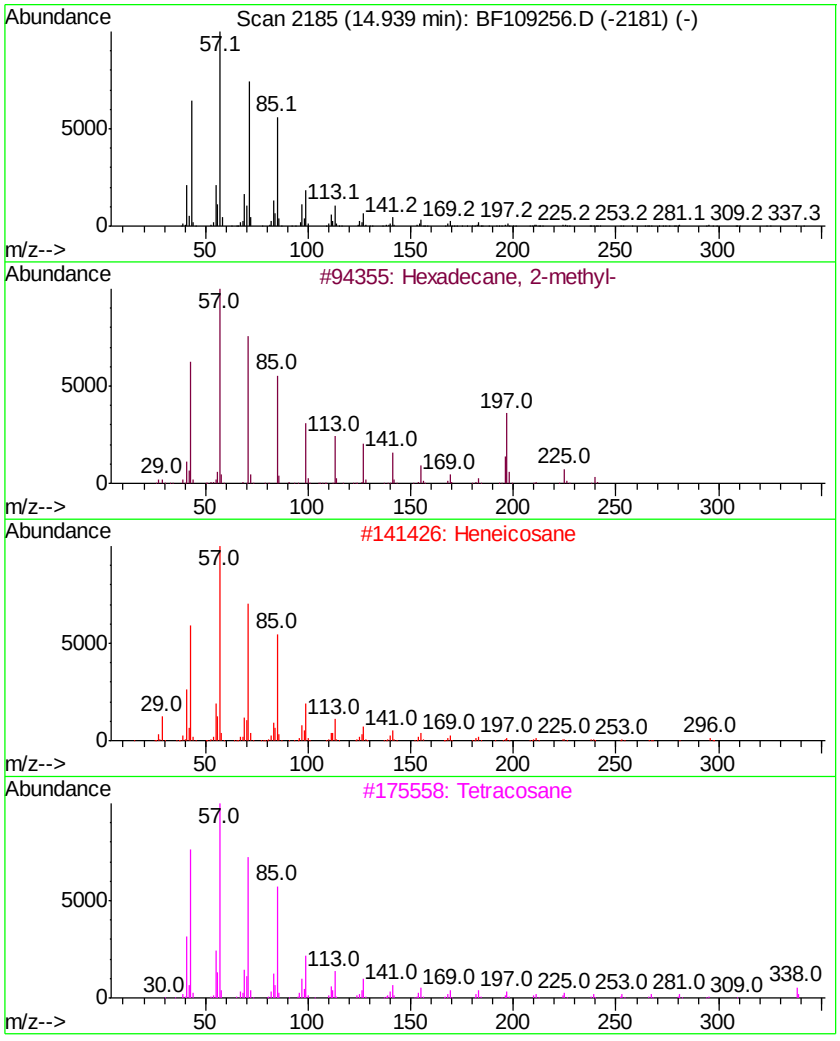
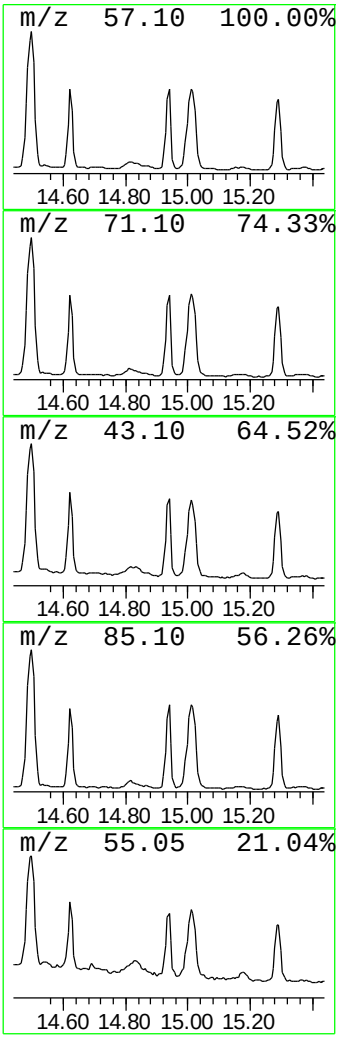
Peak Number 14 Hexadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	22.17 ng	844120	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





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TIC Integration Parameters: LSCINT.P

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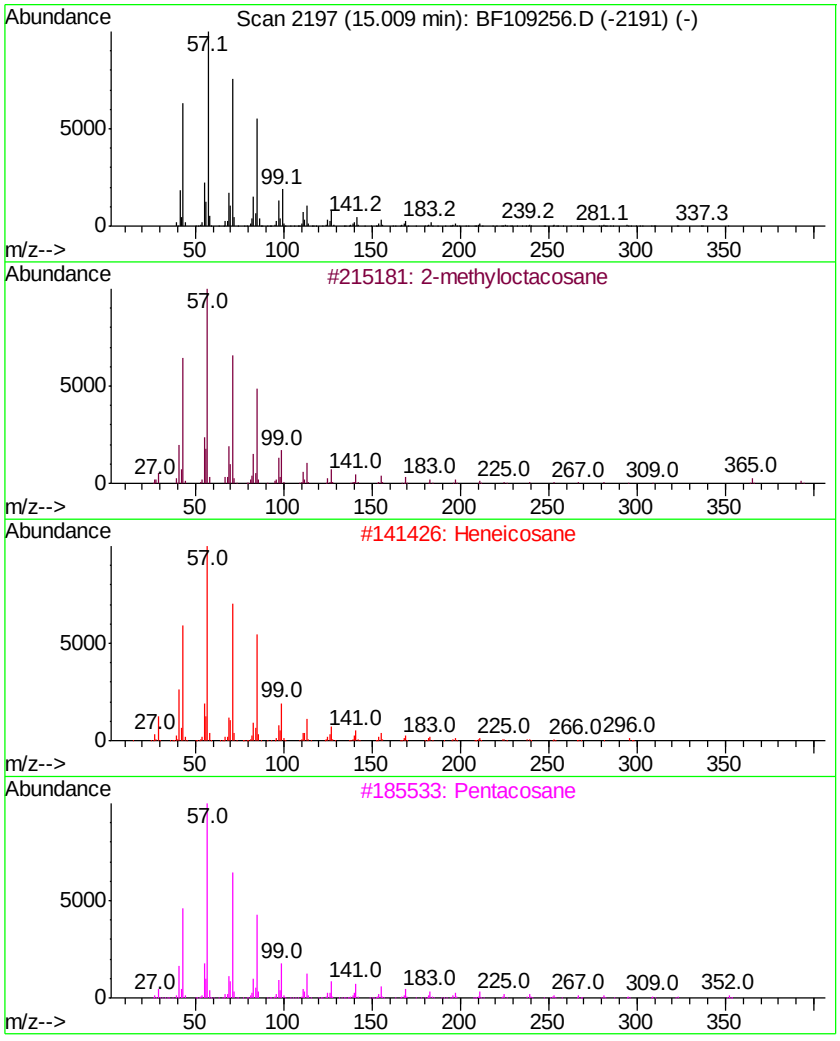
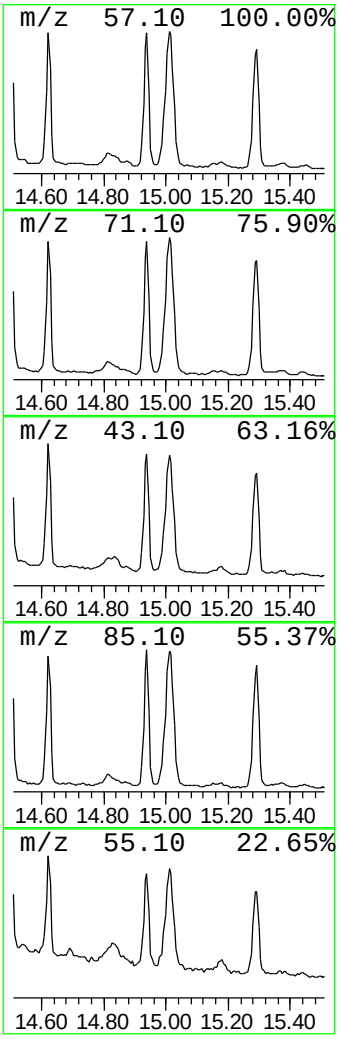
Peak Number 15 Pentacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	42.89 ng	1633200	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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

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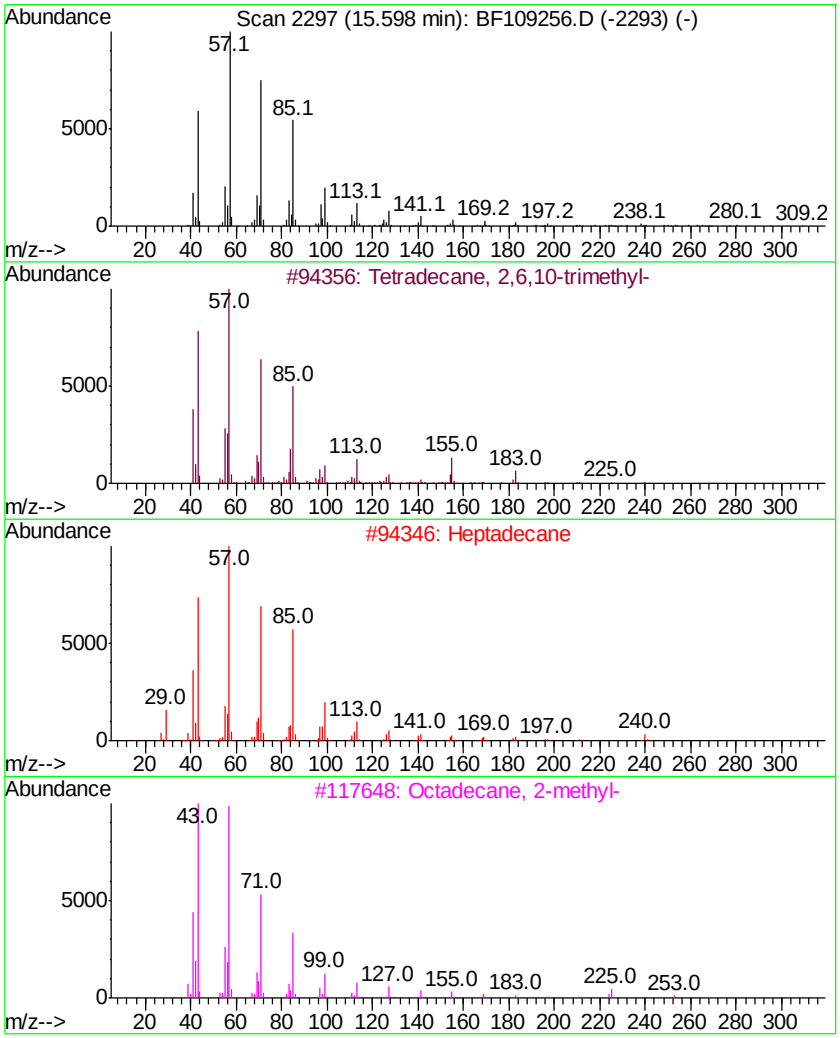
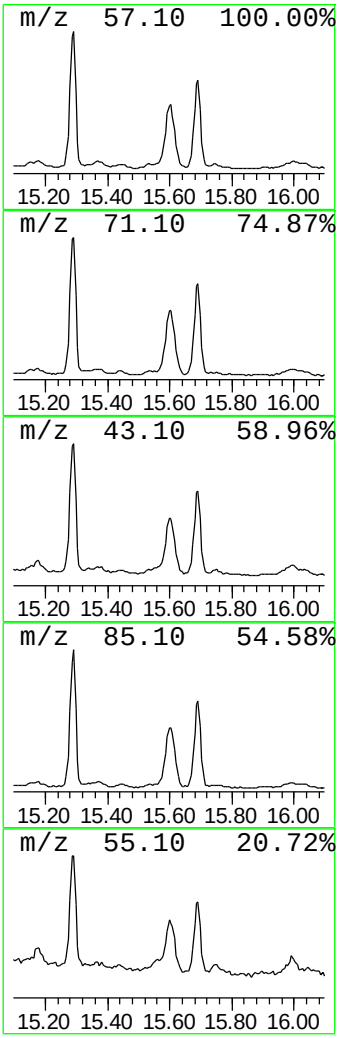
Peak Number 16 Tetradecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	17.23 ng	656039	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81





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

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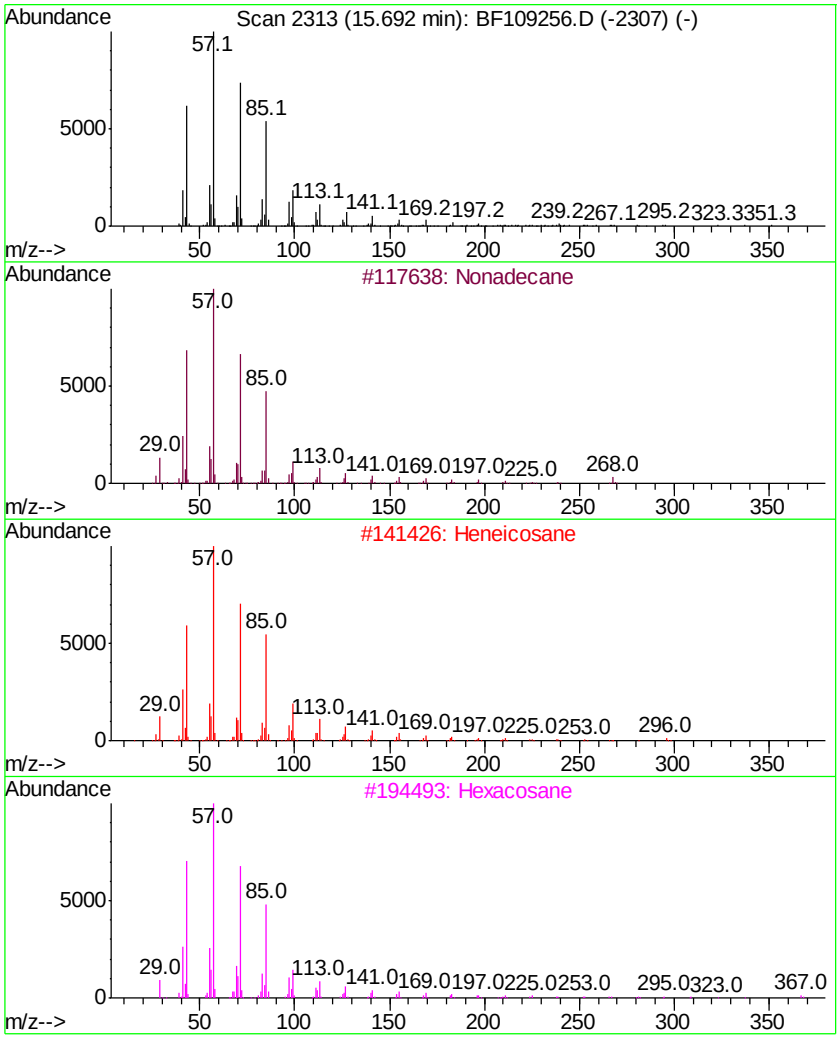
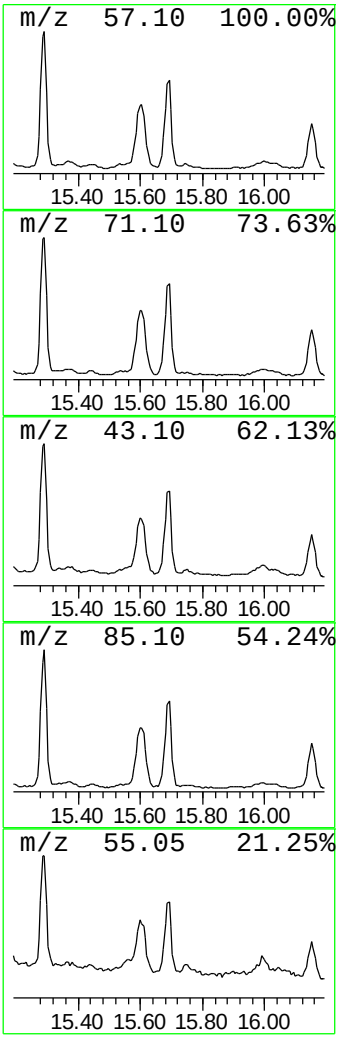
Peak Number 17 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	16.80 ng	639767	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Octadecane	254	C18H38	000593-45-3	87





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

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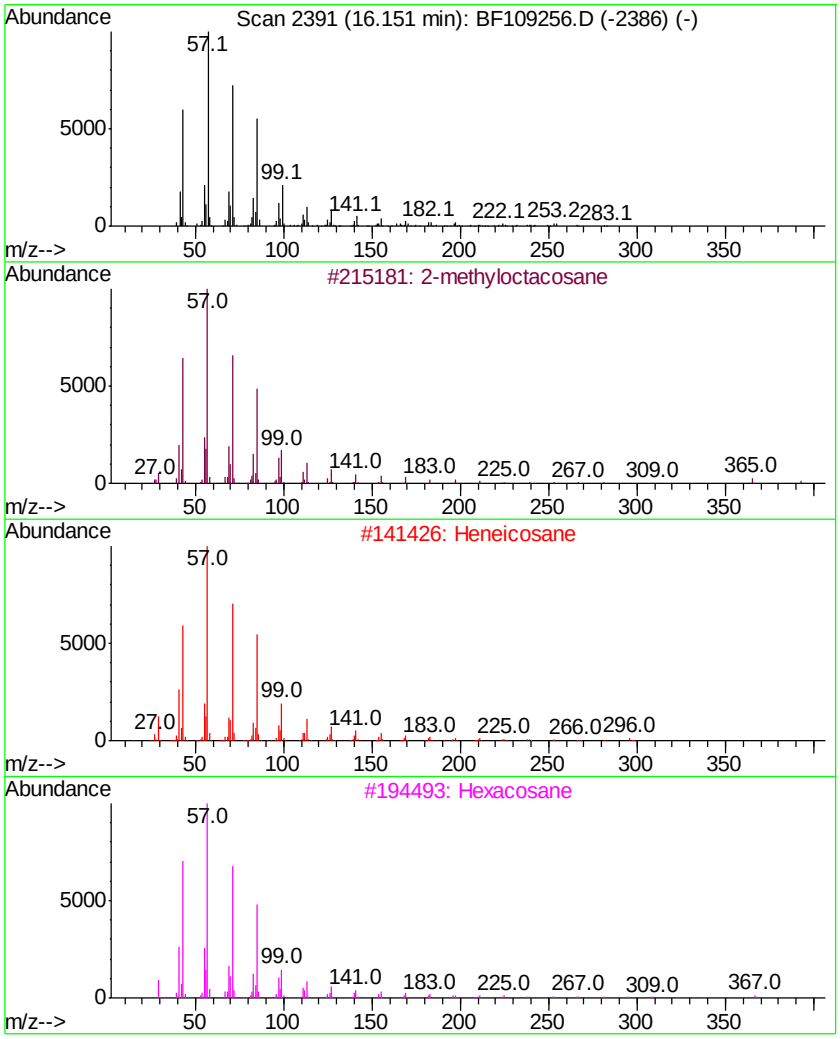
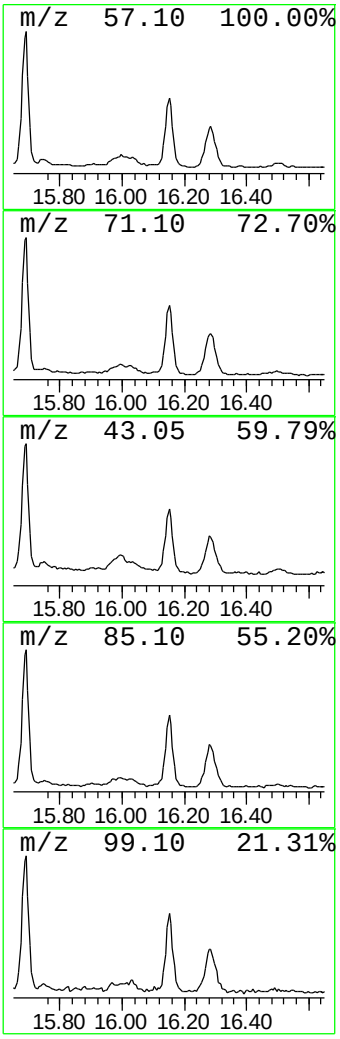
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	11.22 ng	427297	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Triacontane	422	C30H62	000638-68-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109256.D
Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

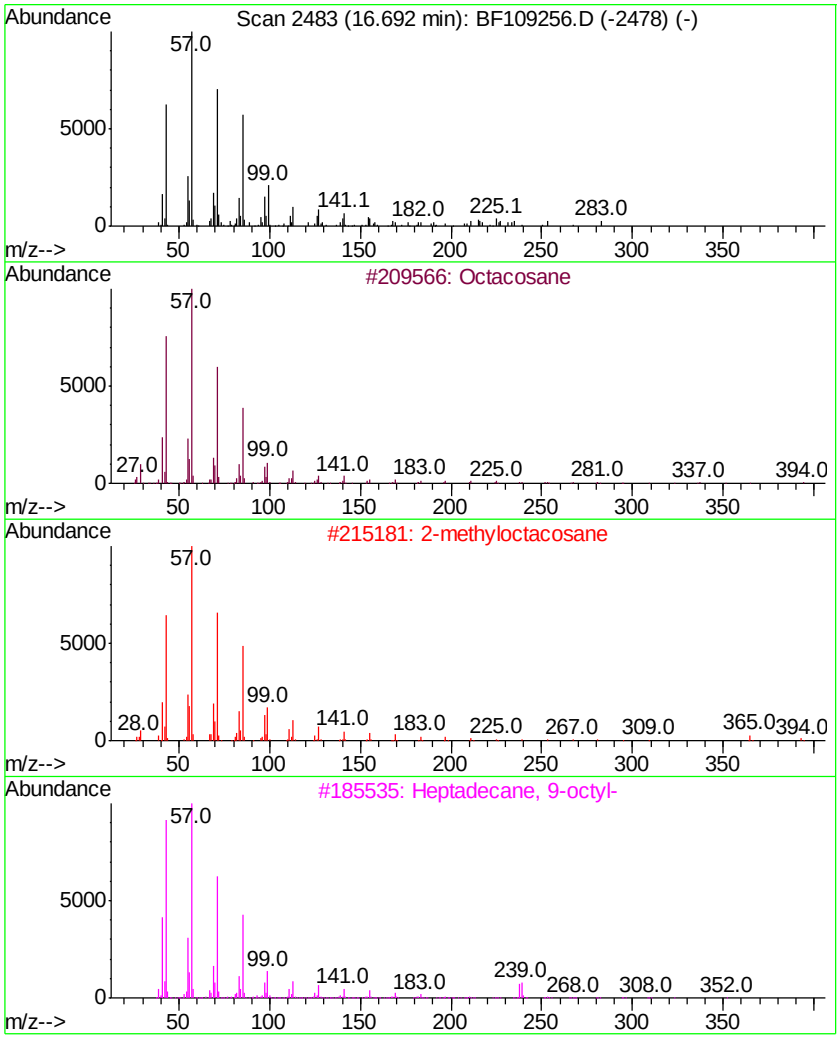
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

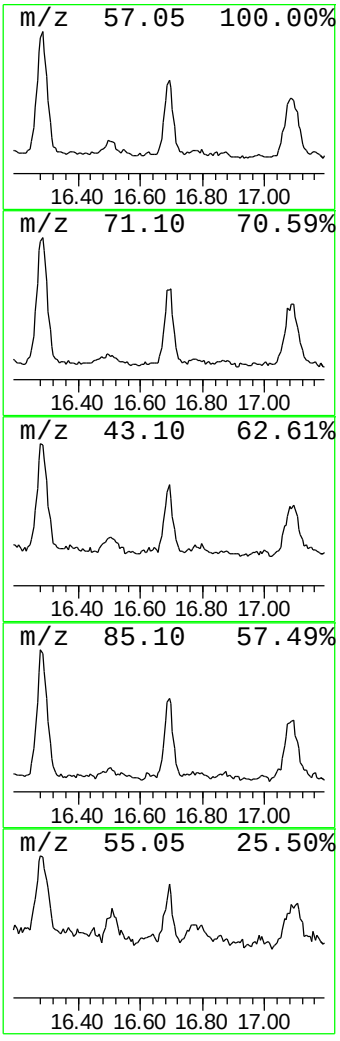
****

Peak Number 20 Nonadecane, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	4.30 ng	163765	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	86
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092418\
Data File : BF109256.D
Acq On : 24 Sep 2018 10:20
Operator : JU/SJ
Sample : J4993-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	33.7	ng	1239620	1	6.70	734729	20.0
Tetraglyme	7.62	10.2	ng	493800	2	7.99	970585	20.0
Methyl 2,5,8,11,1...	7.65	5.5	ng	266611	2	7.99	970585	20.0
n-Hexadecanoic acid	11.78	33.3	ng	1620040	4	11.22	973354	20.0
Octadecanoic acid	12.56	37.7	ng	1564290	5	13.84	830446	20.0
Heneicosane	13.27	47.6	ng	1974930	5	13.84	830446	20.0
Cetene	13.71	7.4	ng	308359	5	13.84	830446	20.0
1-Iodo-2-methylun...	13.95	56.3	ng	2336470	5	13.84	830446	20.0
2-Bromo dodecane	14.03	4.6	ng	192614	5	13.84	830446	20.0
Heptadecane	14.33	9.7	ng	402540	5	13.84	830446	20.0
Octacosane	14.50	49.4	ng	2051010	5	13.84	830446	20.0
Tetracosane	14.62	20.7	ng	789082	6	15.24	761556	20.0
Hexadecane, 2-met...	14.94	22.2	ng	844120	6	15.24	761556	20.0
Pentacosane	15.01	42.9	ng	1633200	6	15.24	761556	20.0
Tetradecane, 2,6,...	15.60	17.2	ng	656039	6	15.24	761556	20.0
Nonadecane	15.69	16.8	ng	639767	6	15.24	761556	20.0
Heptadecane, 9-oc...	16.15	11.2	ng	427297	6	15.24	761556	20.0
Nonadecane, 9-met...	16.69	4.3	ng	163765	6	15.24	761556	20.0