LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

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-BF110817.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	2.228	20	24	34	rVB	78267	130338	2.43%	0.290%
2	5.128	513	517	524	rBV	419353	476609	8.88%	1.060%
3	5.516	578	583	586	rBV	2627299	2448326	45.59%	5.444%
4	6.516	745	753	761	rBV	1756216	1694308	31.55%	3.768%
5	6.669	774	779	782	rBV	4181439	4039442	75.23%	8.983%
6	6.898	814	818	820	rBV	1511693	1233804	22.98%	2.744%
7	6.916	820	821	825	rVV	297167	207945	3.87%	0.462%
8	6.957	825	828	832	rVB	186932	166863	3.11%	0.371%
9	7.057	840	845	850	rVB	4068964	3938559	73.35%	8.758%
10	7.157	859	862	869	rBV	47503	59311	1.10%	0.132%
11	7.228	869	874	877	rBV2	75479	85686	1.60%	0.191%
12	7.304	881	887	892	rVB	139405	139656	2.60%	0.311%
13	7.463	906	914	917	rBV	2990912	3313246	61.70%	7.368%
14	7.869	980	983	987	rVB	54294	61948	1.15%	0.138%
15	7.975	994	1001	1003	rBV	247145	259478	4.83%	0.577%
16	7.998	1003	1005	1009	rVB	231691	190926	3.56%	0.425%
17	8.039	1009	1012	1015	rBV	401005	329749	6.14%	0.733%
18	8.075	1015	1018	1023	rVB	629021	495227	9.22%	1.101%
19	8.181	1031	1036	1041	rBV	1878362	1660303	30.92%	3.692%
20	8.457	1078	1083	1086	rBV2	137562	218894	4.08%	0.487%
21	8.522	1091	1094	1097	rVB3	60740	63190	1.18%	0.141%
22	8.604	1105	1108	1112	rBV3	77187	81487	1.52%	0.181%
23	8.663	1113	1118	1121	rVV4	80037	110430	2.06%	0.246%
24	8.734	1127	1130	1134	rBV	364777	315831	5.88%	0.702%
25	8.775	1134	1137	1140	rVV4	71710	111414	2.07%	0.248%
26	8.810	1140	1143	1145	rVV2	76343	83169	1.55%	0.185%
27	8.857	1149	1151	1155	rVB	101559	83437	1.55%	0.186%
28	8.939	1160	1165	1168	rBV	320310	287306	5.35%	0.639%
29	8.998	1172	1175	1179	rVB	86842	79160	1.47%	0.176%
30	9.104	1187	1193	1196	rBV4	81800	132772	2.47%	0.295%
31	9.175	1200	1205	1206	rBV4	63455	78281	1.46%	0.174%
32	9.257	1213	1219	1222	rBV	5093550	5369755	100.00%	11.941%
33	9.333	1229	1232	1234	rBV3	66304	59575	1.11%	0.132%
34	9.498	1255	1260	1261	rBV4	44265	61841	1.15%	0.138%

LSC Area Percent Report

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Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.645	1282	1285	1289	rBV	586393	522300	9.73%	1.161%
36	9.686	1289	1292	1298	rBV2	181584	218222	4.06%	0.485%
37	9.751	1298	1303	1306	rBV3	219113	278560	5.19%	0.619%
38	9.804	1309	1312	1315	rBV3	98635	123153	2.29%	0.274%
39	9.845	1317	1319	1322	rVB2	93531	87345	1.63%	0.194%
40	9.939	1329	1335	1338	rVB	1810719	1807653	33.66%	4.020%
41	9.975	1338	1341	1342	rBV3	55799	60682	1.13%	0.135%
42	10.192	1375	1378	1381	rBV3	120642	154047	2.87%	0.343%
43	10.345	1401	1404	1409	rBV3	224514	280436	5.22%	0.624%
44	10.586	1442	1445	1450	rBV	238099	252722	4.71%	0.562%
45	10.651	1453	1456	1459	rVV	791269	623311	11.61%	1.386%
46	10.728	1465	1469	1472	rBV	2673090	2616235	48.72%	5.818%
47	10.851	1487	1490	1493	rBV	907470	813189	15.14%	1.808%
48	11.316	1567	1569	1575	rVB	706888	678668	12.64%	1.509%
49	11.427	1585	1588	1592	rBV	1587034	1470427	27.38%	3.270%
50	13.016	1853	1858	1861	rVB	3531202	3613343	67.29%	8.035%
51	14.039	2029	2032	2034	rBV	619379	609703	11.35%	1.356%
52	14.063	2034	2036	2041	rVB	1150175	953650	17.76%	2.121%
53	14.686	2139	2142	2145	rBV	124314	104667	1.95%	0.233%
54	14.915	2179	2181	2185	rVB	123353	113636	2.12%	0.253%
55	15.539	2282	2287	2299	rVB	859287	1127002	20.99%	2.506%
56	17.874	2677	2684	2694	rVB2	152634	392230	7.30%	0.872%

Sum of corrected areas: 44969447

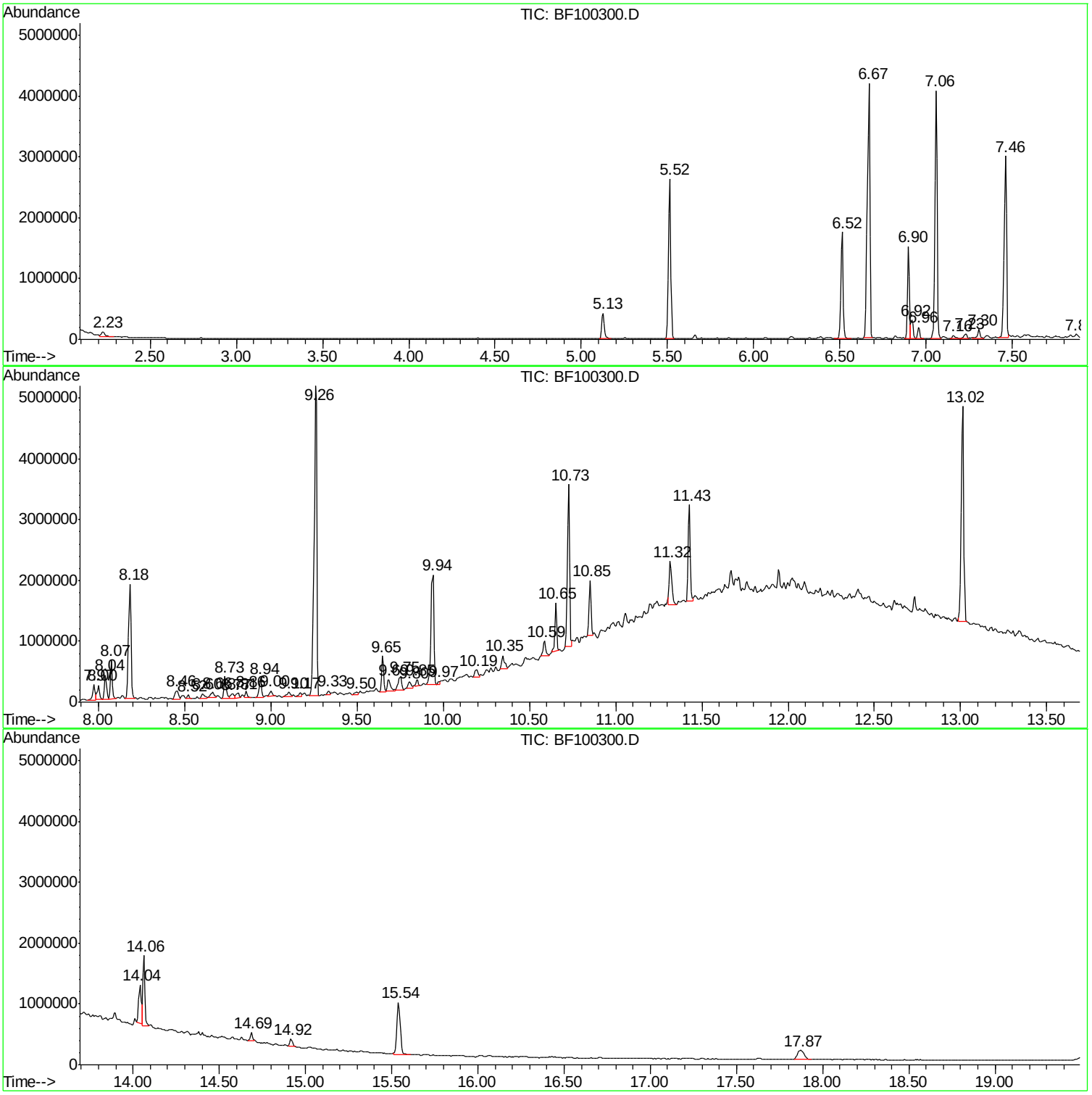
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

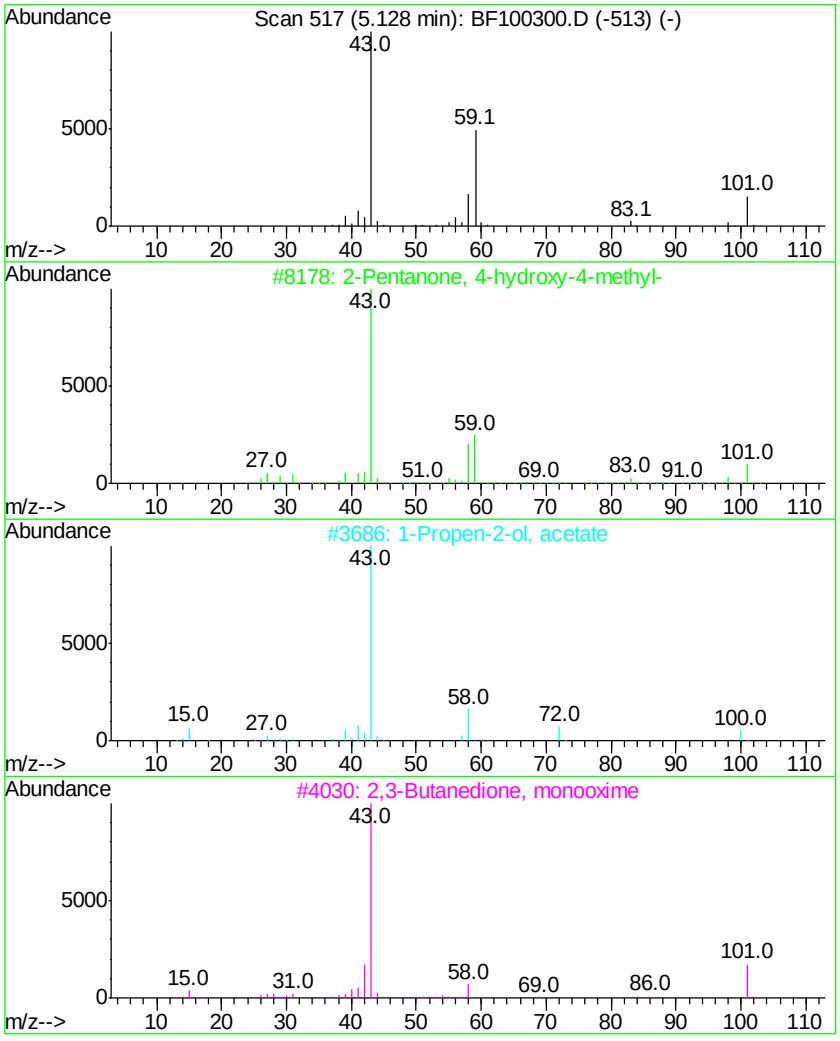
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

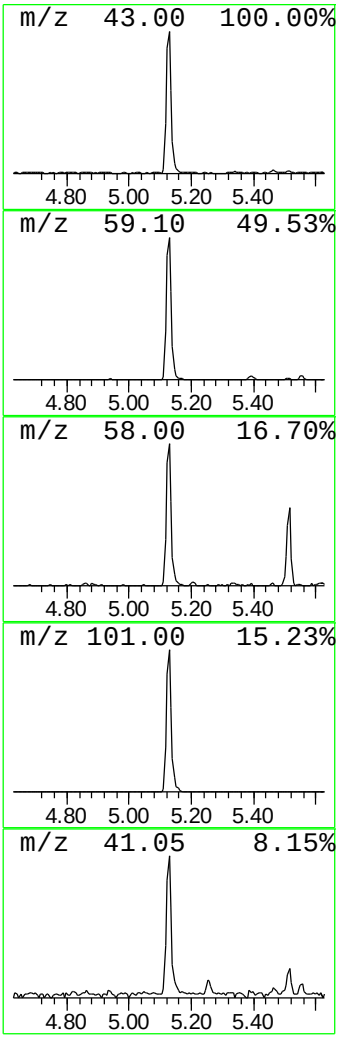
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	7.73 ng	476609	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
4	Acetone	58	C3H6O	000067-64-1	9
5	Allyl acetate	100	C5H8O2	000591-87-7	9





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Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

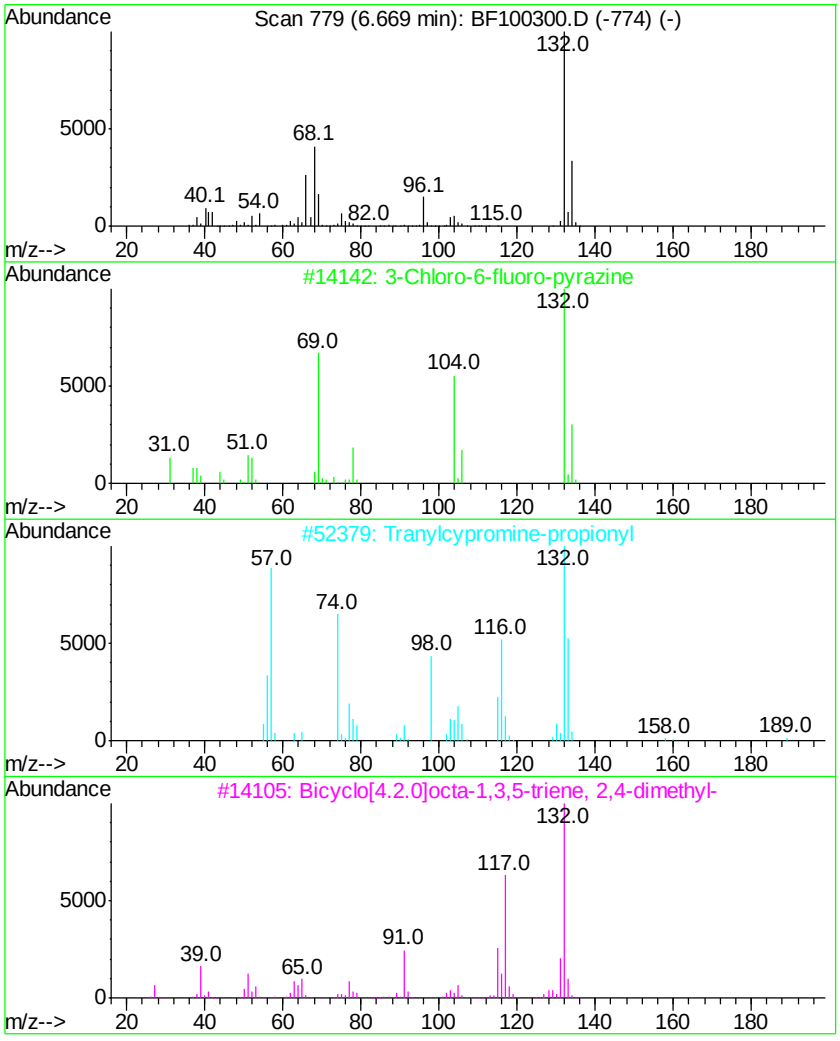
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

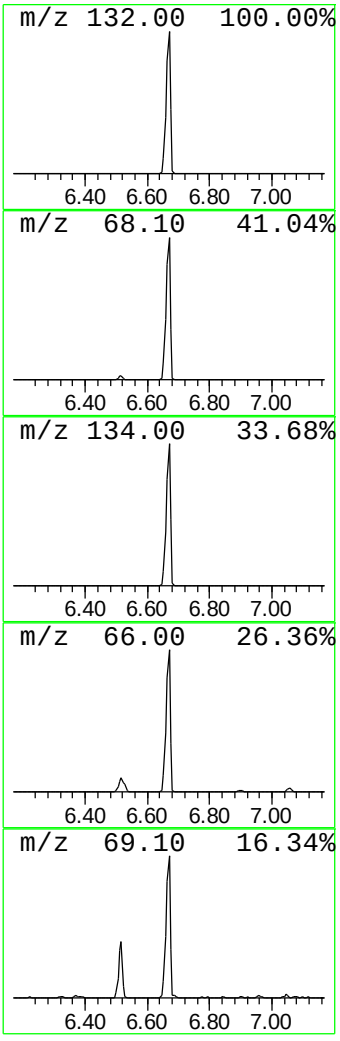
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	65.48 ng	4039440	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	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

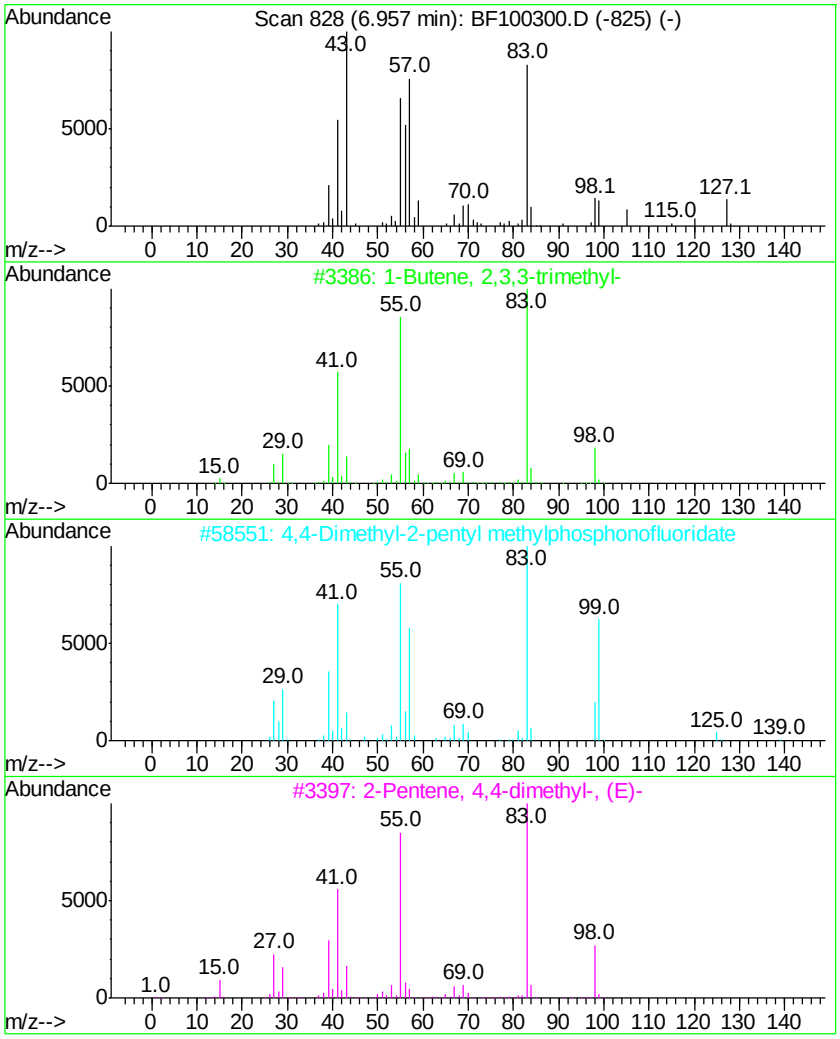
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

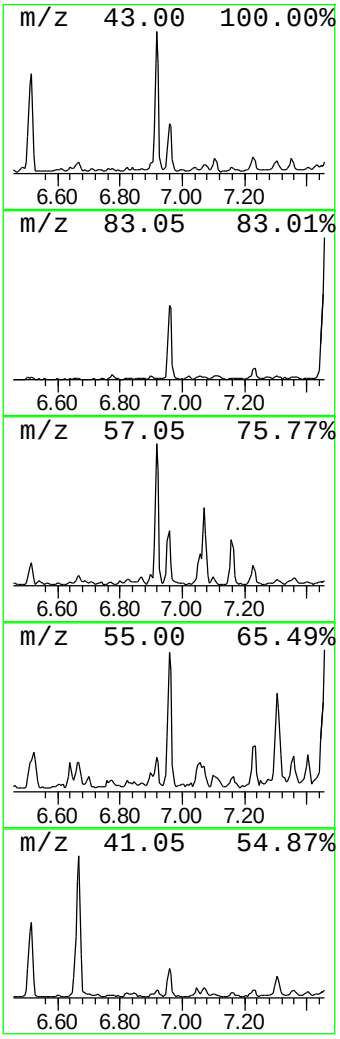
****

Peak Number 3 unknown6.96 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	2.70 ng	166863	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	49
2	4,4-Dimethyl-2-pentyl methylphos...	196	C8H18FO2P	030593-65-8	47
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	43
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	43
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

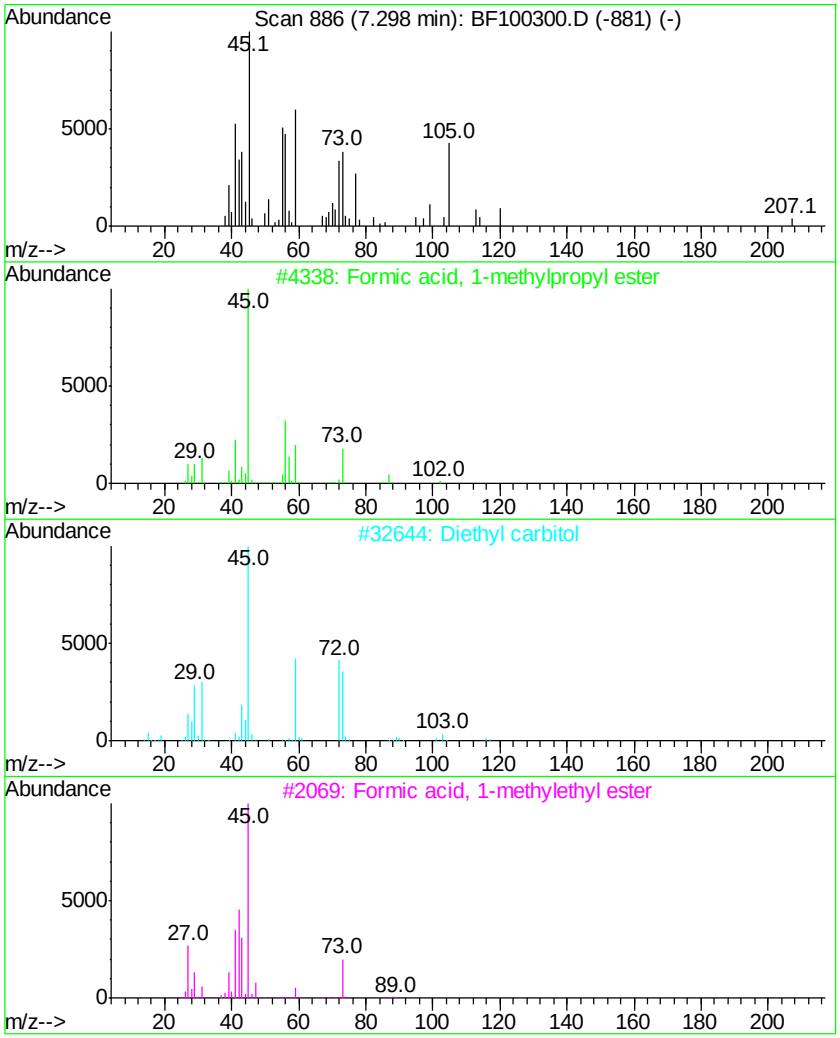
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

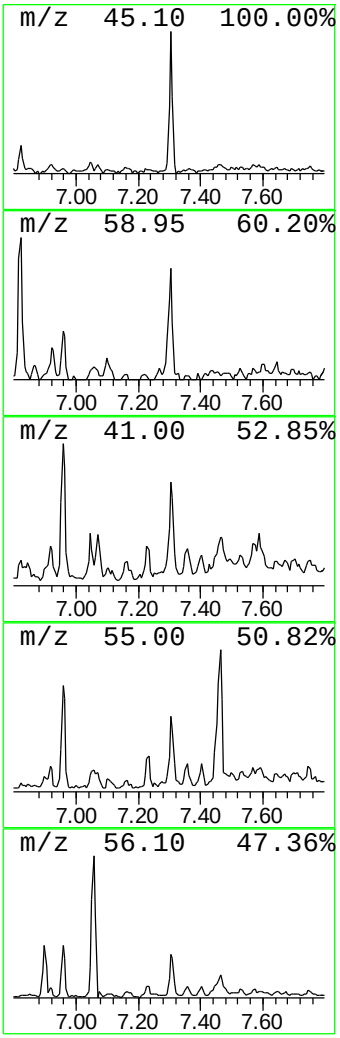
****

Peak Number 5 Formic acid, 1-methylpropyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	2.26 ng	139656	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	53
2	Diethyl carbitol	162	C8H18O3	000112-36-7	52
3	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	43
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	43
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	38





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Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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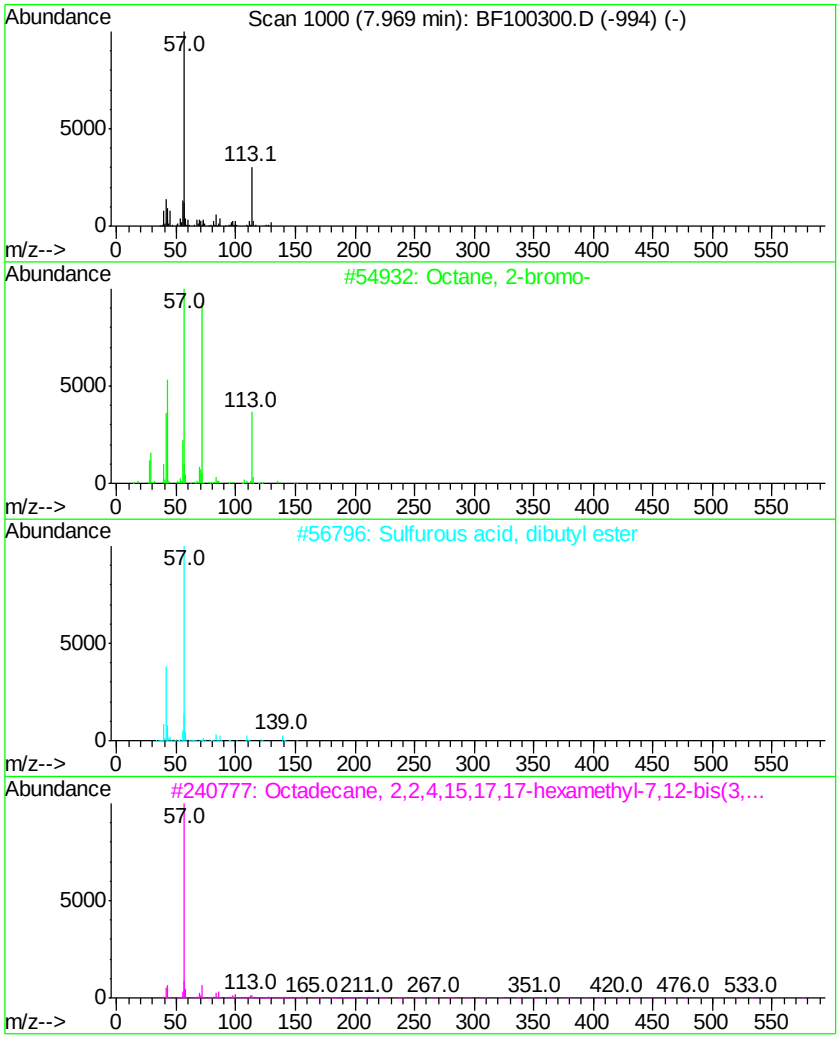
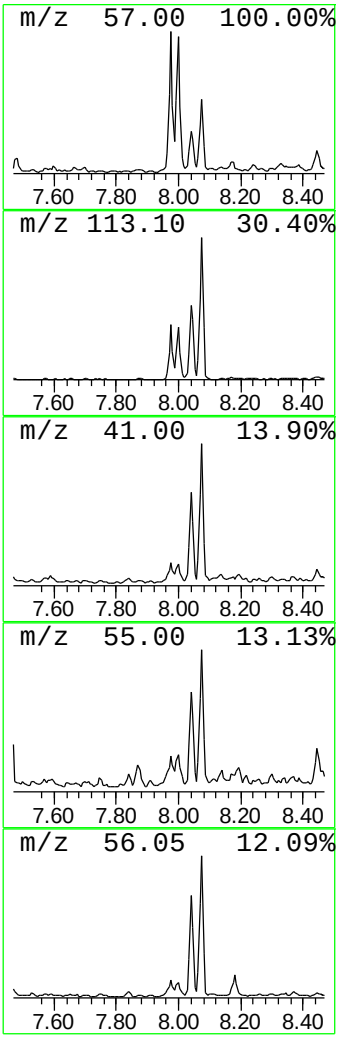
Peak Number 6 Octane, 2-bromo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	3.13 ng	259478	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-bromo-	192	C8H17Br	000557-35-7	59
2	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	38
3	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	38
4	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	27
5	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	17





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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

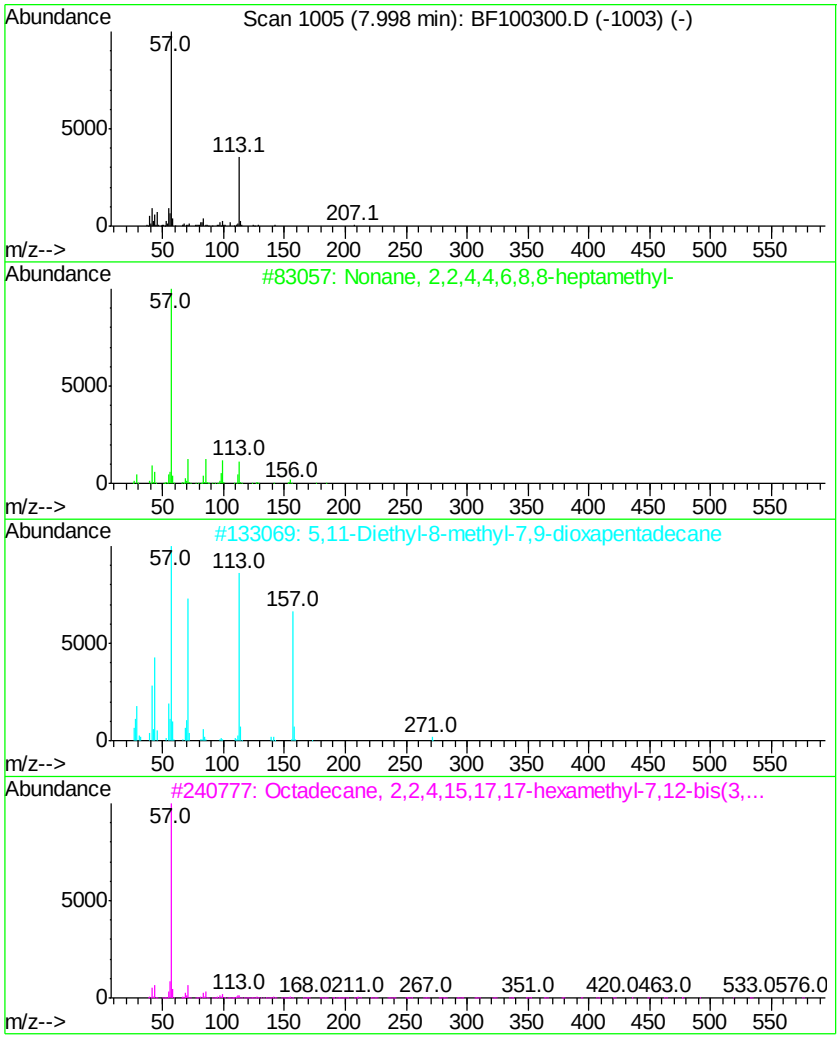
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

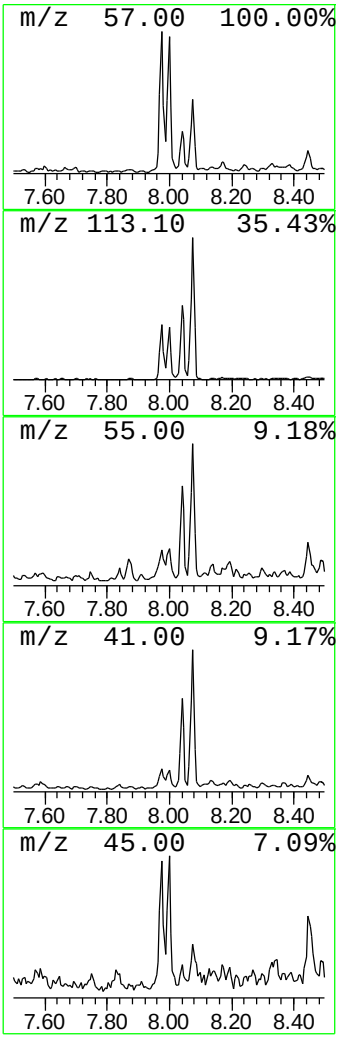
****

Peak Number 7 unknown8.00 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.30 ng	190926	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	45
2	5,11-Diethyl-8-methyl-7,9-dioxap...	286	C18H38O2	1000334-83-1	40
3	Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	40
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	39
5	2,2-Dimethyl-3-pentanol, heptafl...	312	C11H15F7O2	1000364-14-4	35





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100300.D
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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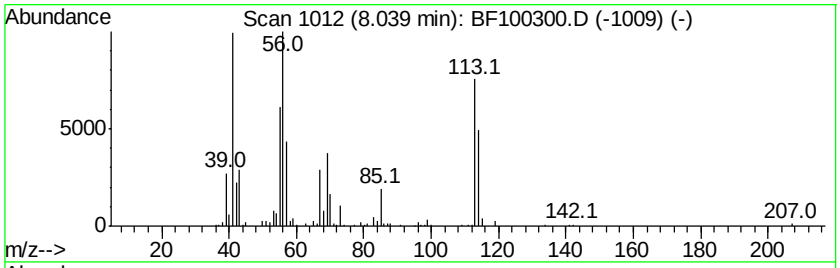
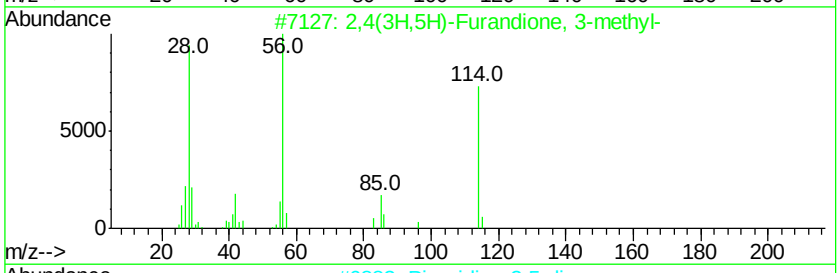
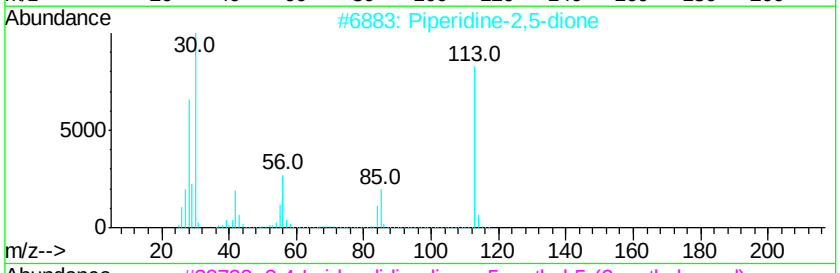
Peak Number 8 unknown8.04 Concentration Rank 9

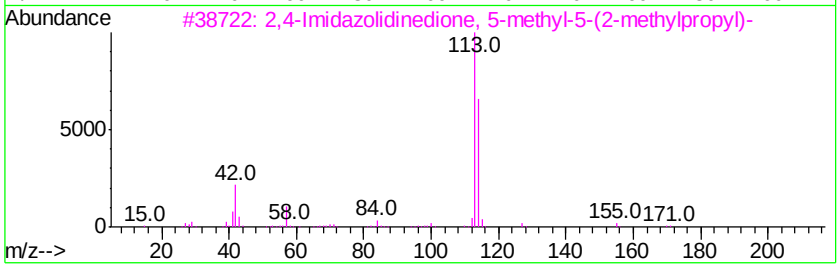
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	3.97 ng	329749	Naphthalene-d8	8.18

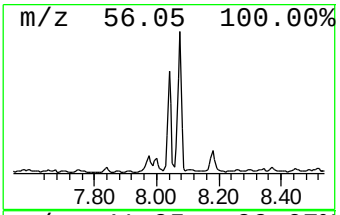
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(3H,5H)-Furandione, 3-methyl-	114	C5H6O3	001192-51-4	43
2	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	38
3	2,4-Imidazolidinedione, 5-methyl...	170	C8H14N2O2	027886-67-5	32
4	3-Heptene	98	C7H14	000592-78-9	27
5	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	27

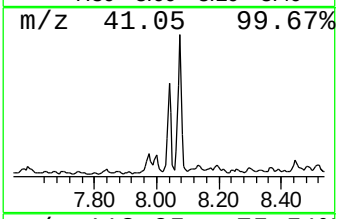


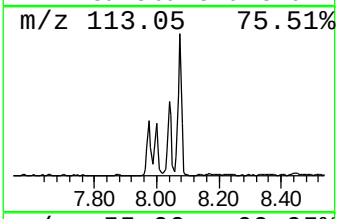


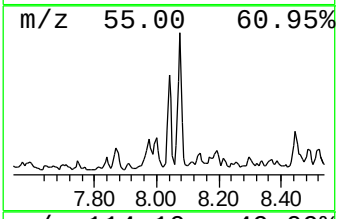


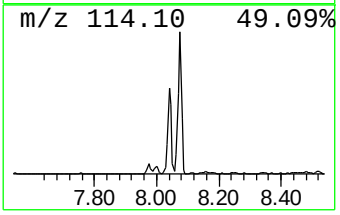












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Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

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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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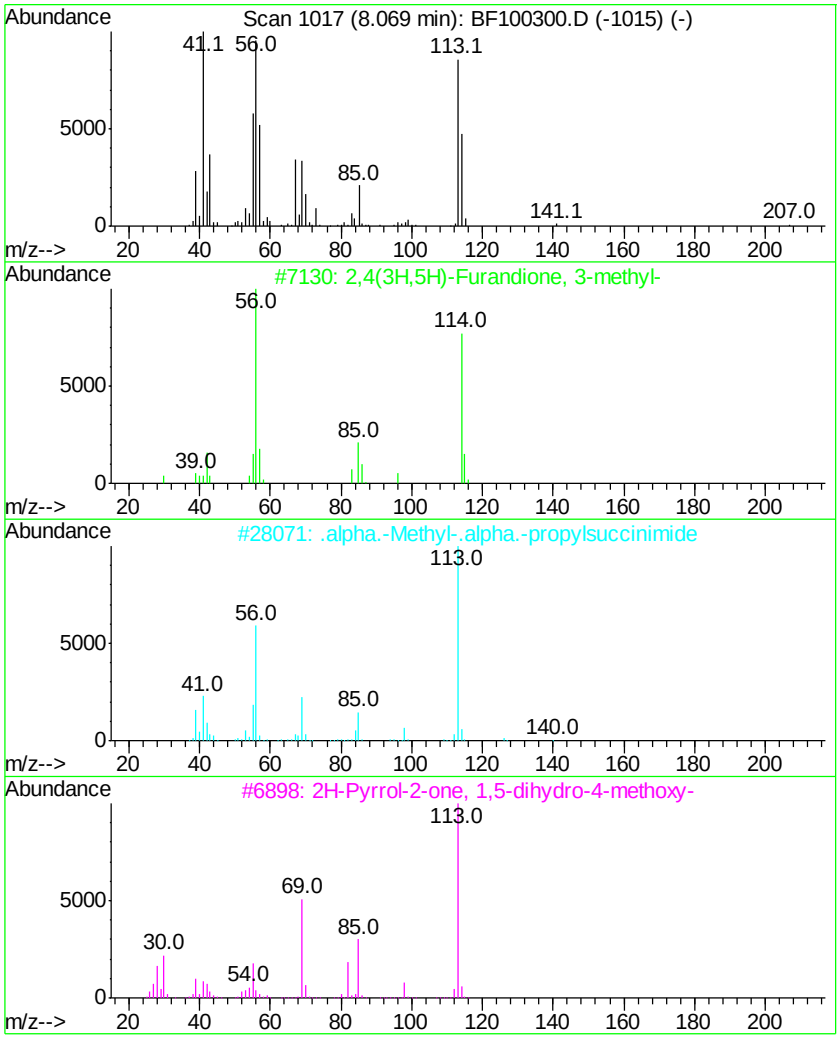
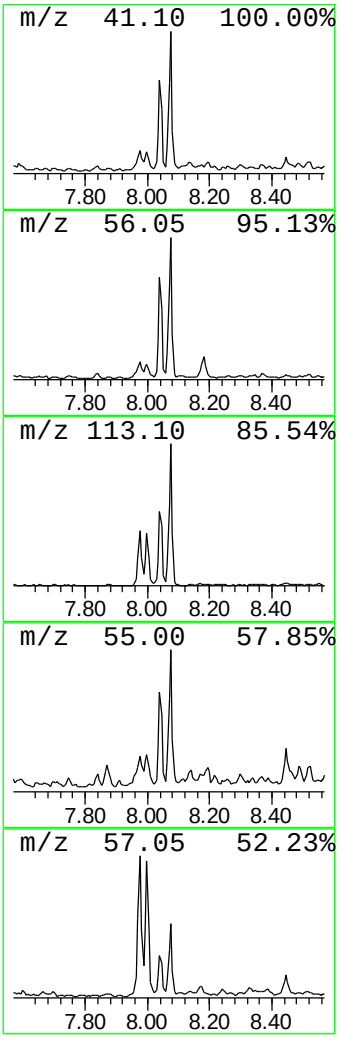
Peak Number 9 unknown8.07 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	5.97 ng	495227	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4(3H,5H)-Furandione, 3-methyl-	114	C5H6O3	001192-51-4	43
2	.alpha.-Methyl-.alpha.-propylsuc...	155	C8H13NO2	001497-19-4	42
3	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	27
4	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	25
5	2,4-Imidazolidinedione, 5-methyl...	170	C8H14N2O2	027886-67-5	25





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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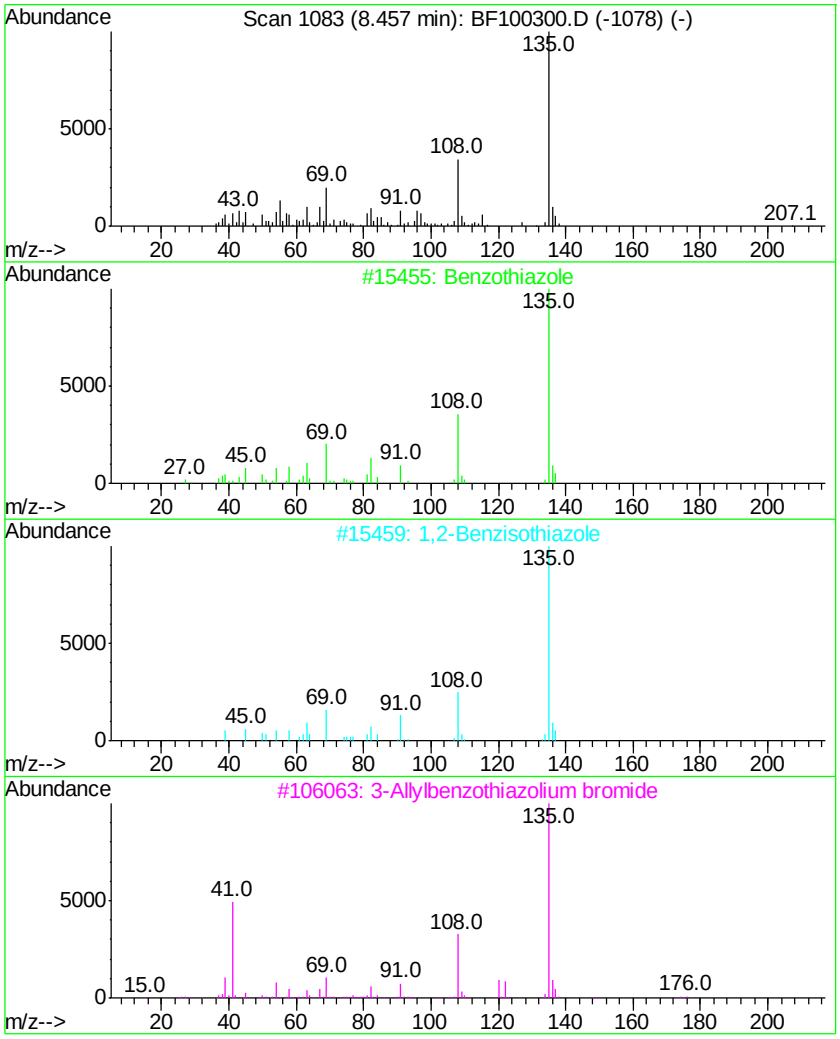
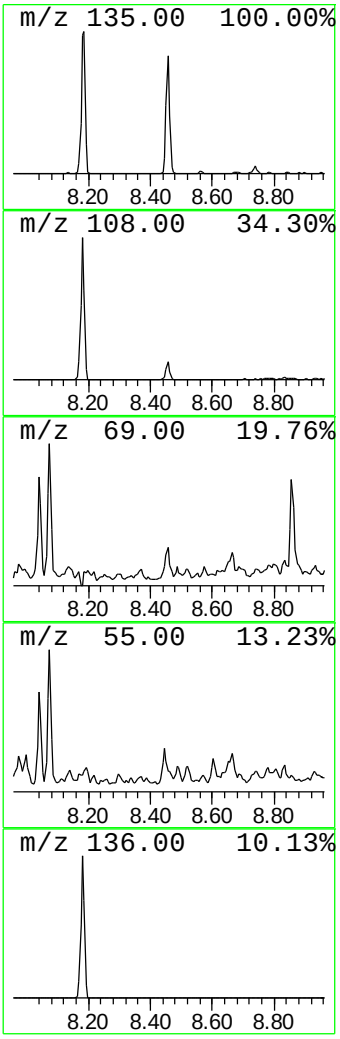
Peak Number 10 Benzothiazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	2.64 ng	218894	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzothiazole	135	C7H5NS	000095-16-9	95
2	1,2-Benzisothiazole	135	C7H5NS	000272-16-2	83
3	3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	72
4	1H-Pyrazolo[3,4-d]pyrimidin-4-amine	135	C5H5N5	002380-63-4	64
5	1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	64





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ClientSampleId :
OILY-WATER-FROM-BERM

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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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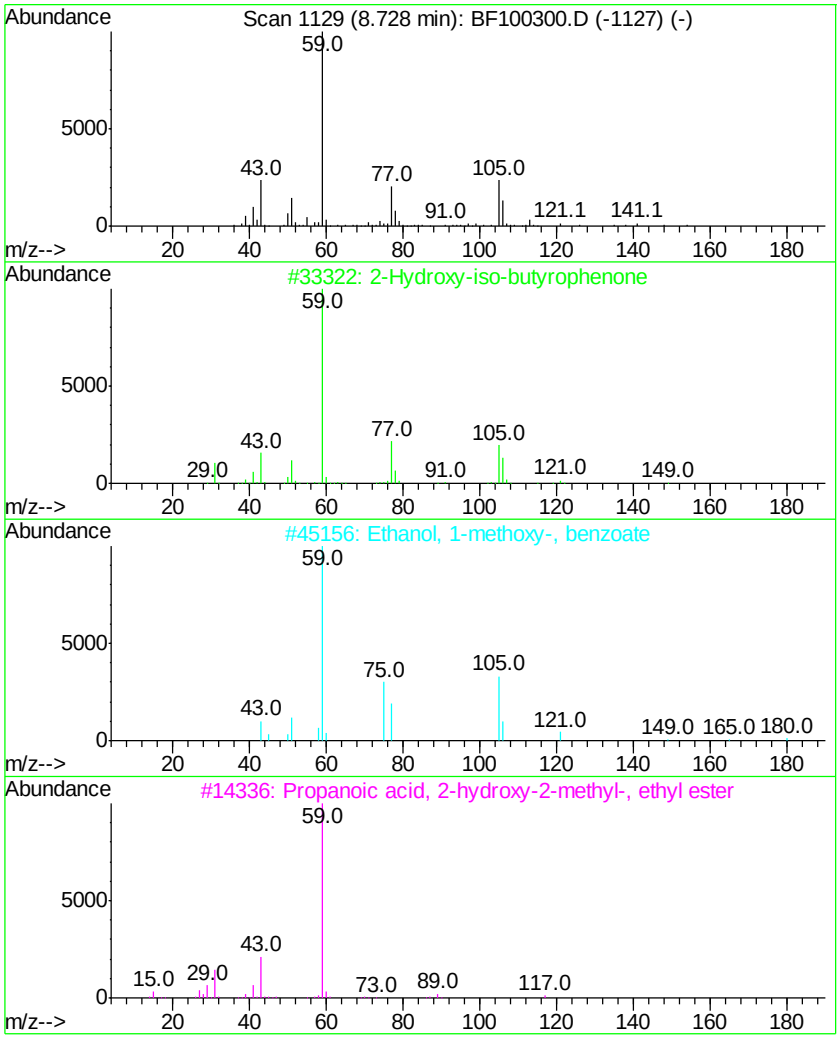
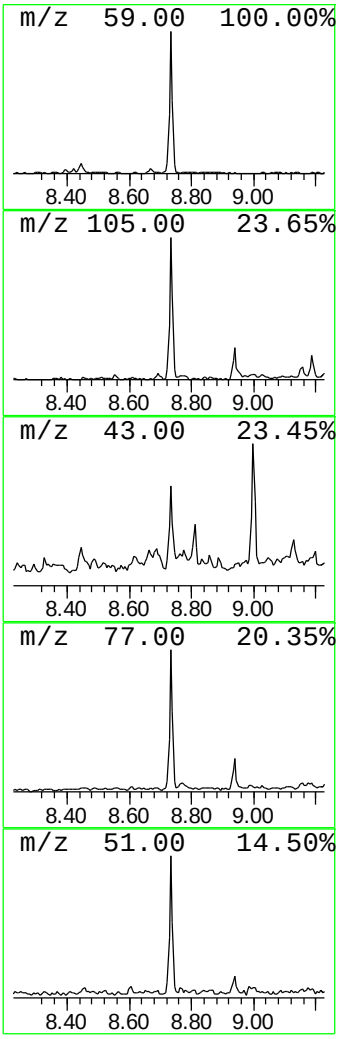
Peak Number 11 2-Hydroxy-iso-butyrophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	3.80 ng	315831	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	72
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	32
4	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	23
5	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	17





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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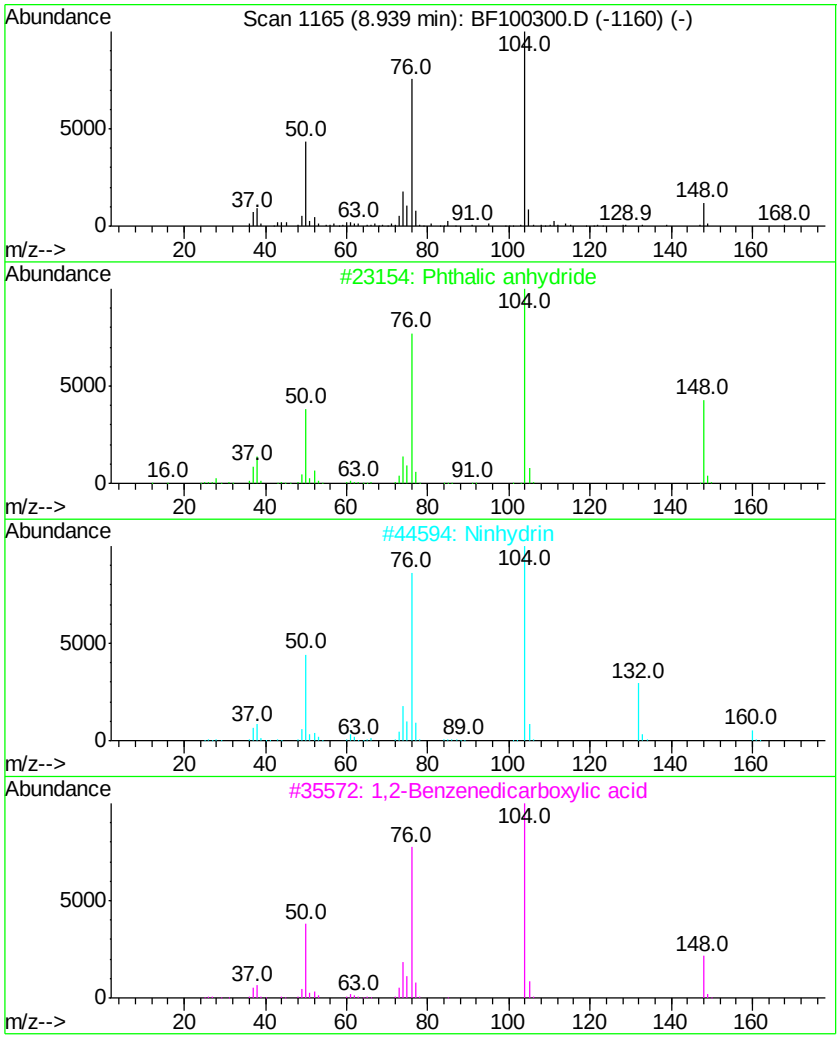
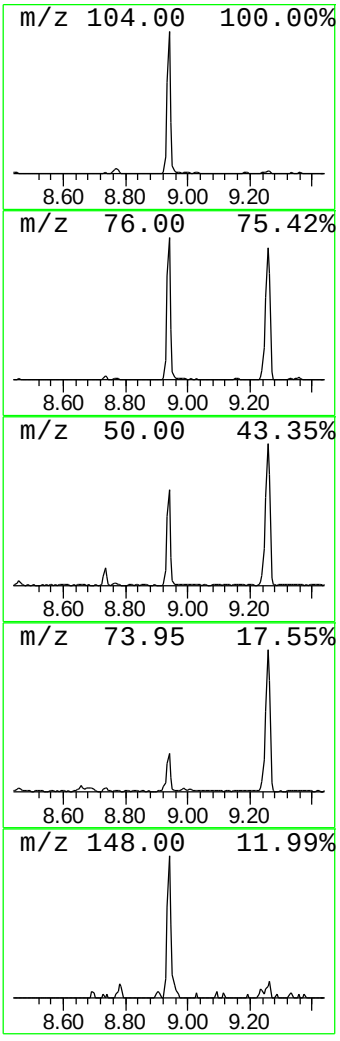
Peak Number 12 Phthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	3.46 ng	287306	Naphthalene-d8	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	96
2	Ninhydrin	178	C9H6O4	000485-47-2	90
3	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
4	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
5	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86





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Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

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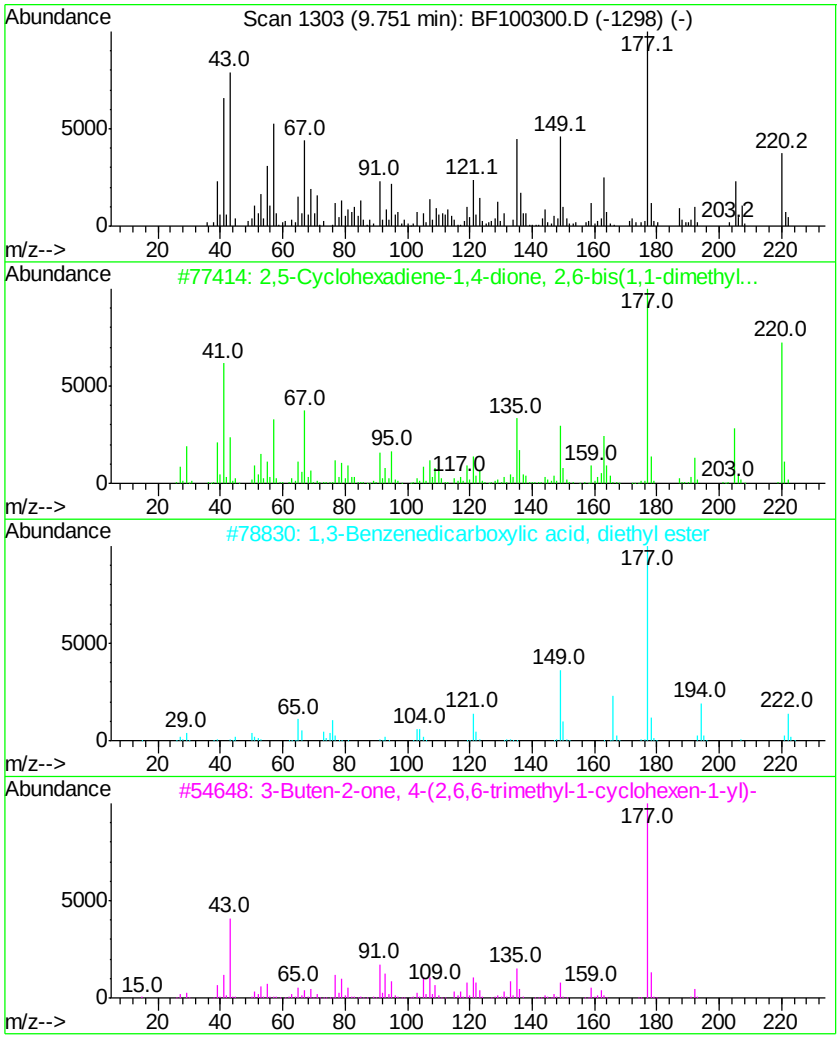
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

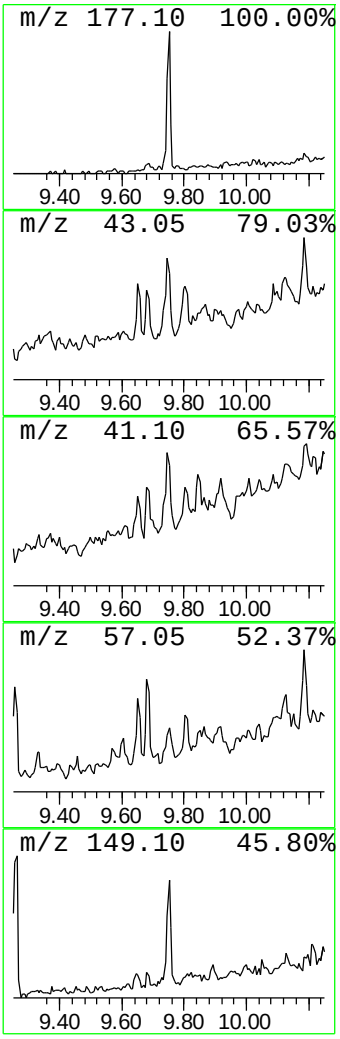
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	3.08 ng	278560	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	95
2	1,3-Benzenedicarboxylic acid, di...	222	C12H14O4	000636-53-3	38
3	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	35
4	trans-.beta.-Ionone	192	C13H20O	000079-77-6	35
5	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	35





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Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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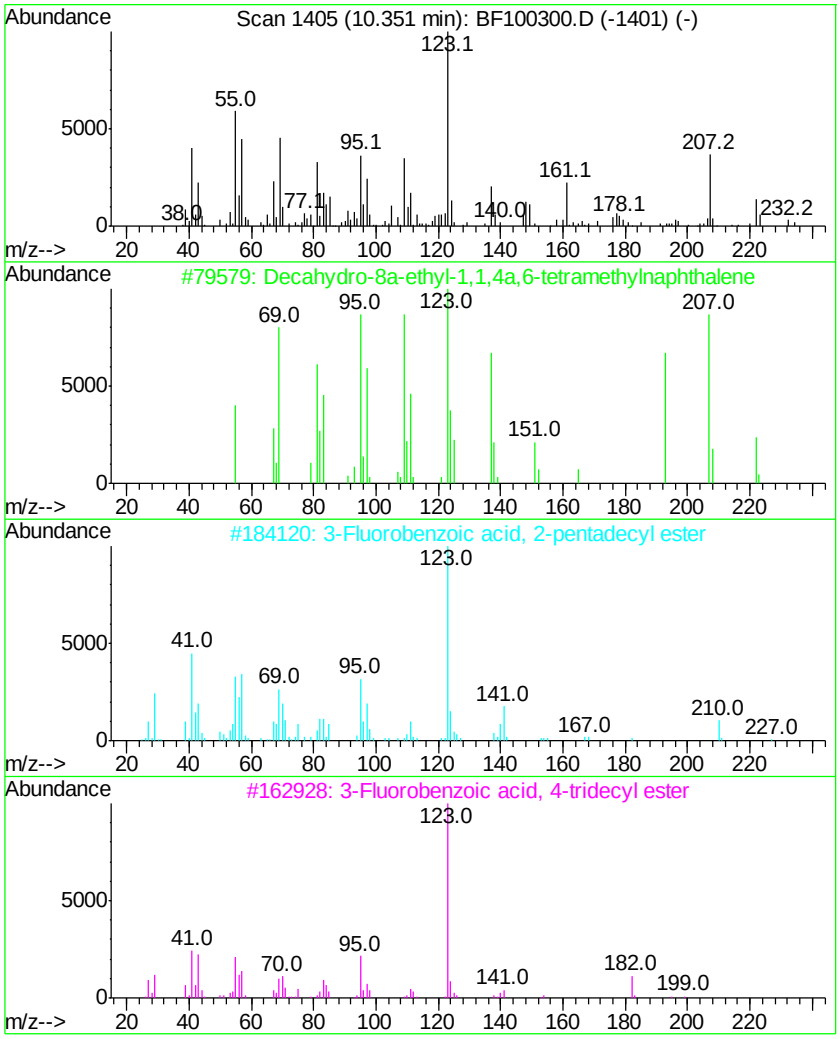
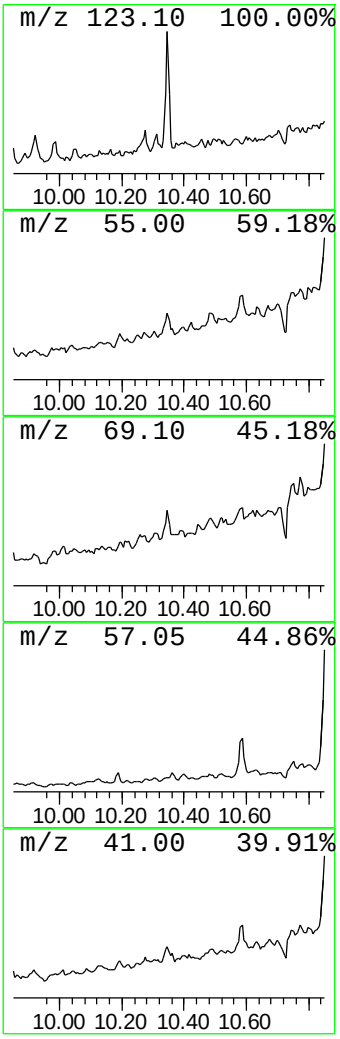
Peak Number 14 Decahydro-8a-ethyl-1,1,4a,6... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	3.10 ng	280436	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	50
2	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	49
3	3-Fluorobenzoic acid, 4-tridecyl...	322	C20H31FO2	1000280-60-4	47
4	2-Fluorobenzoic acid, oct-3-en-2...	250	C15H19FO2	1000299-16-5	47
5	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	47





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Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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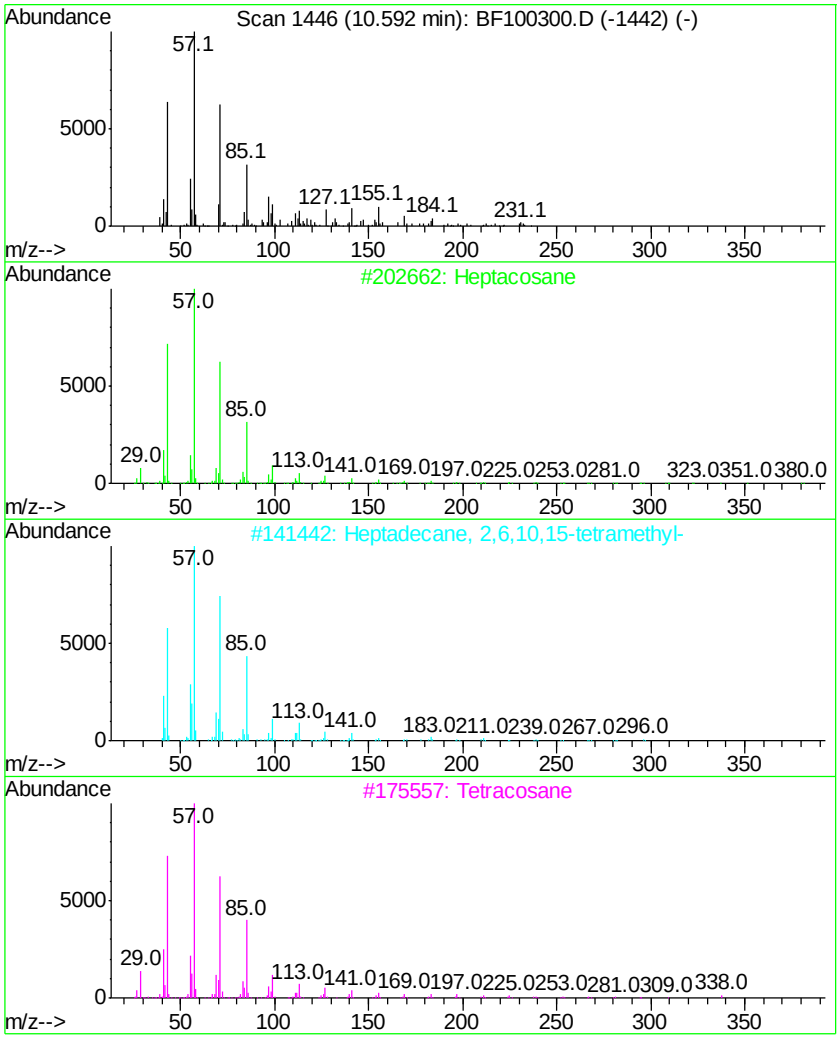
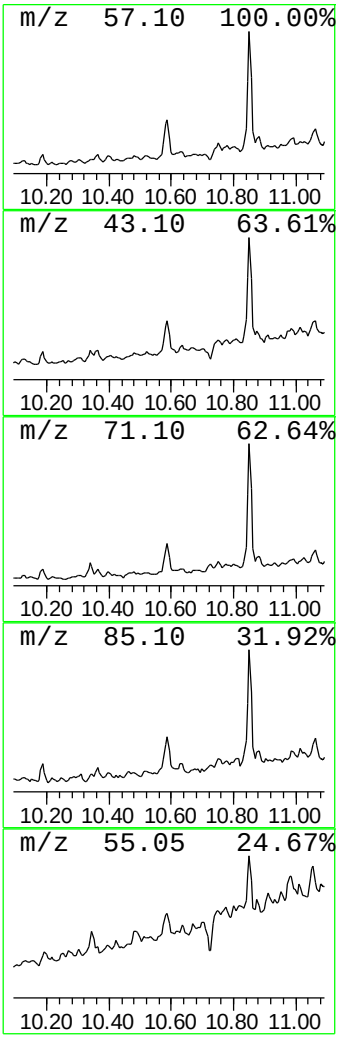
Peak Number 15 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.80 ng	252722	Acenaphthene-d10	9.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3	Tetracosane	338	C24H50	000646-31-1	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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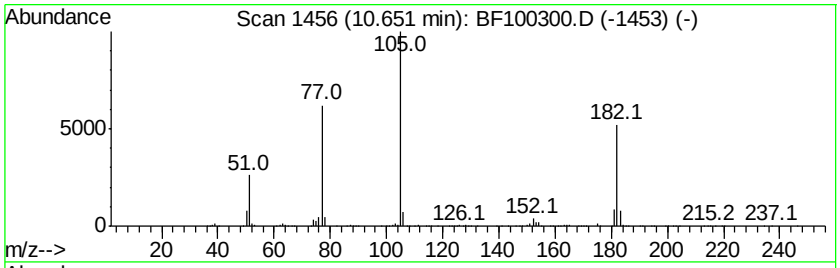
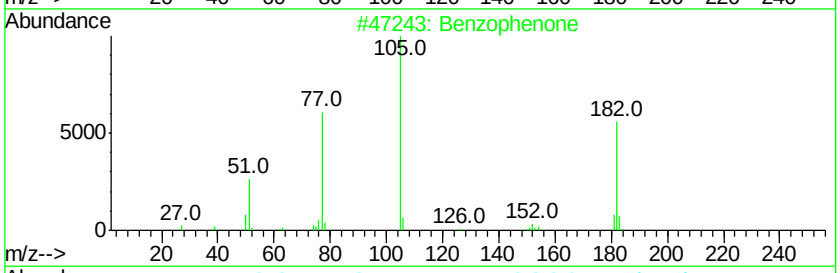
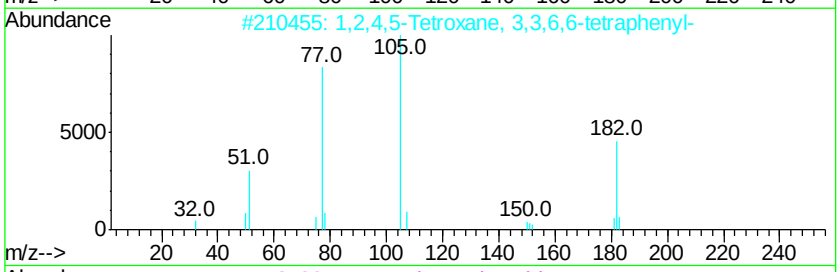
Peak Number 16 Benzophenone Concentration Rank 7

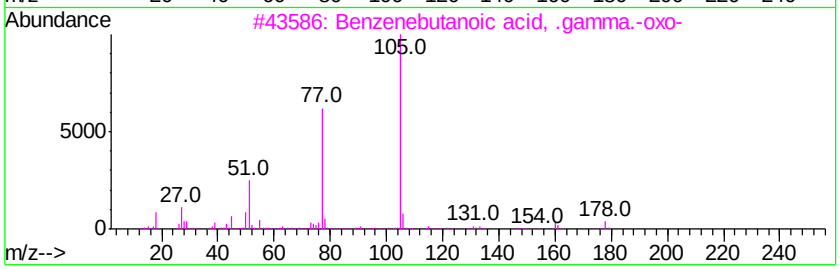
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	6.90 ng	623311	Acenaphthene-d10	9.94

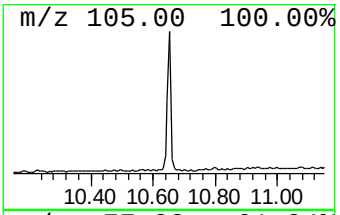
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4	2-Phenyl-4-ethylidene-2-oxazolin...	187	C11H9NO2	037791-41-6	47
5	Benzopinacol	366	C26H22O2	000464-72-2	47

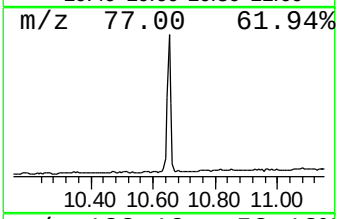


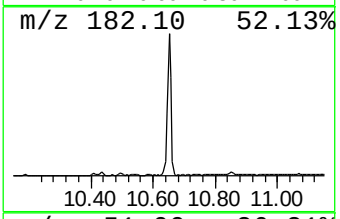


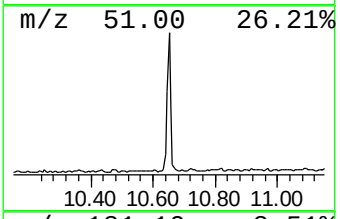


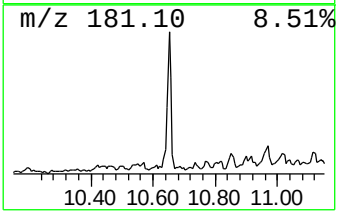












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Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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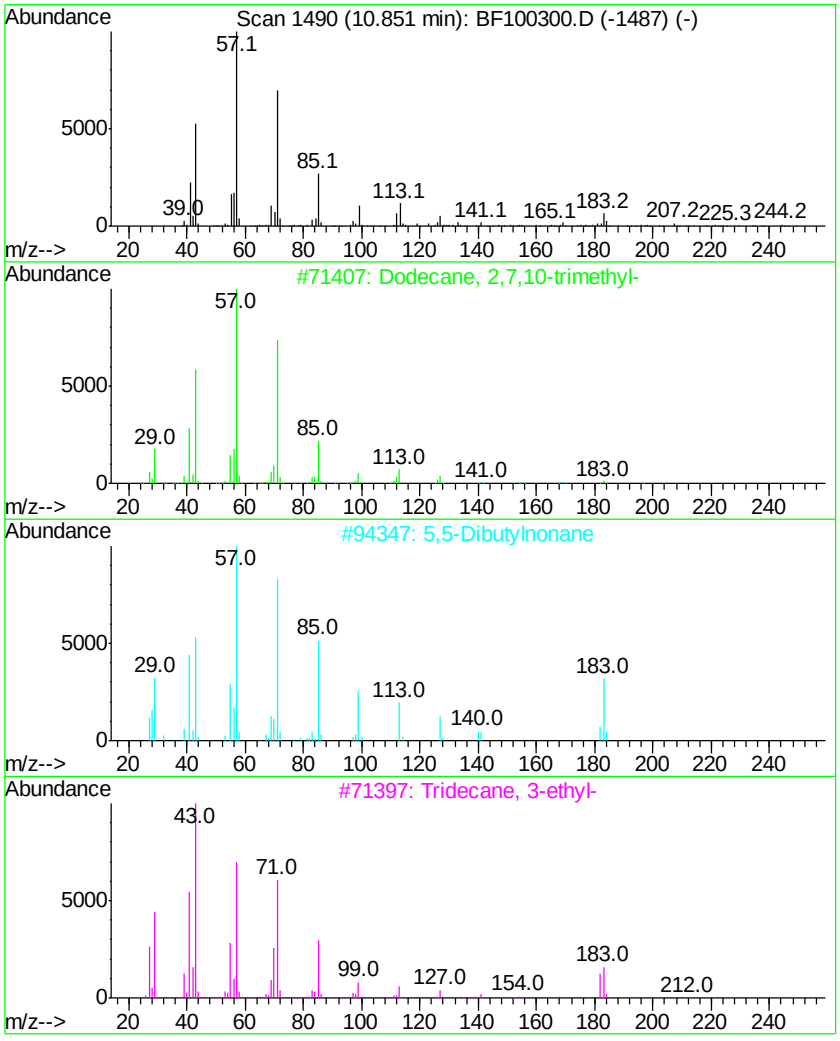
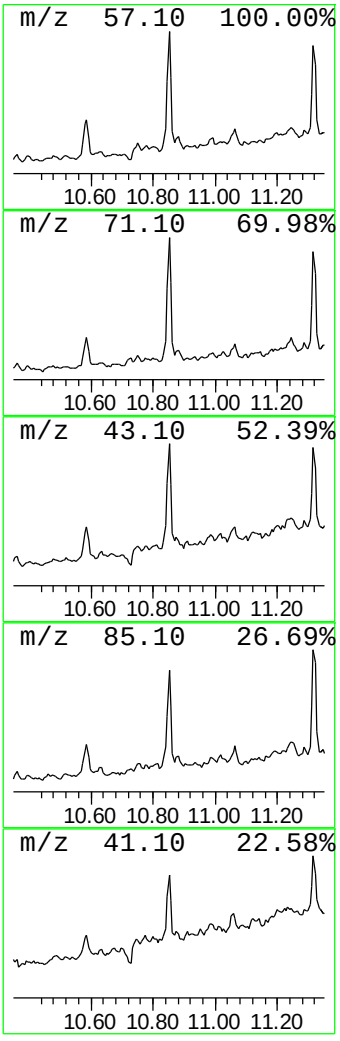
Peak Number 17 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	11.06 ng	813189	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	78
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	68
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64





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Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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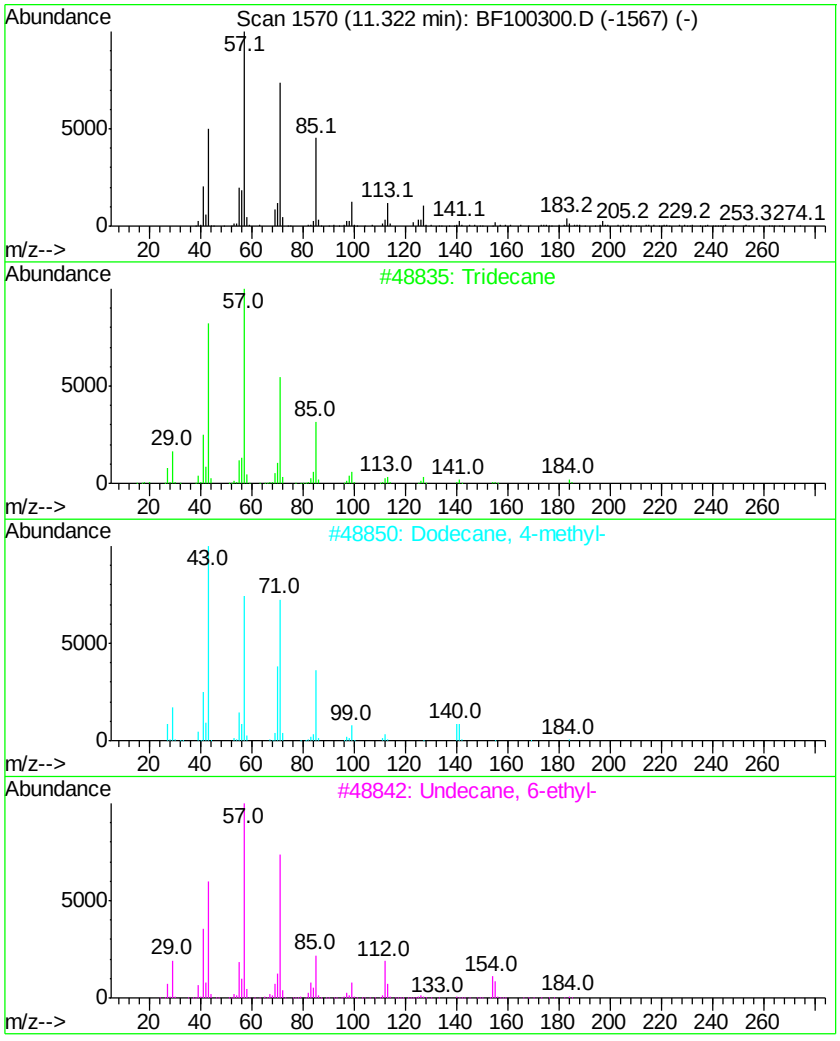
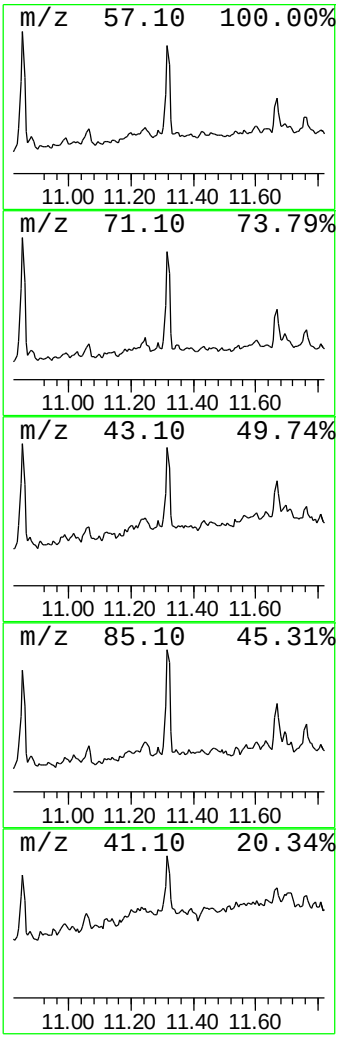
Peak Number 18 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	9.23 ng	678668	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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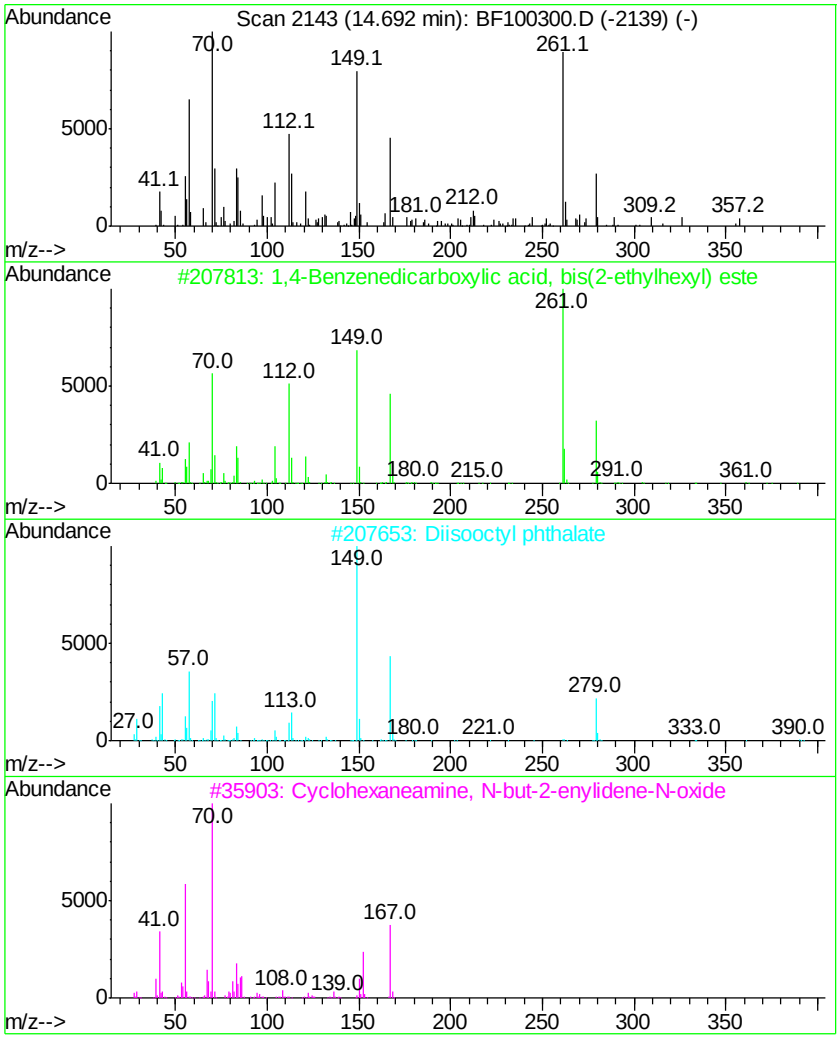
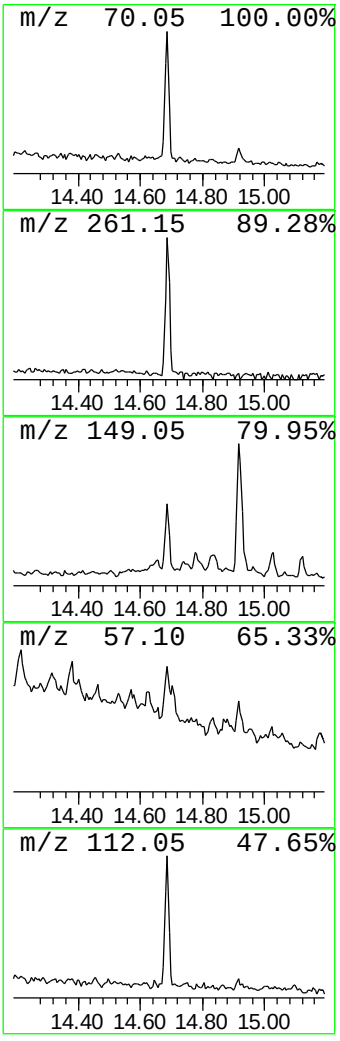
Peak Number 19 1,4-Benzenedicarboxylic aci... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.20 ng	104667	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	90
2	Diisooctyl phthalate	390	C24H38O4	000131-20-4	37
3	Cyclohexaneamine, N-but-2-enylid...	167	C10H17NO	068048-01-1	22
4	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	22
5	Phthalic acid, 3,5-difluoropheny...	348	C19H18F2O4	1000315-55-2	22





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110817\
Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
Sample : I6358-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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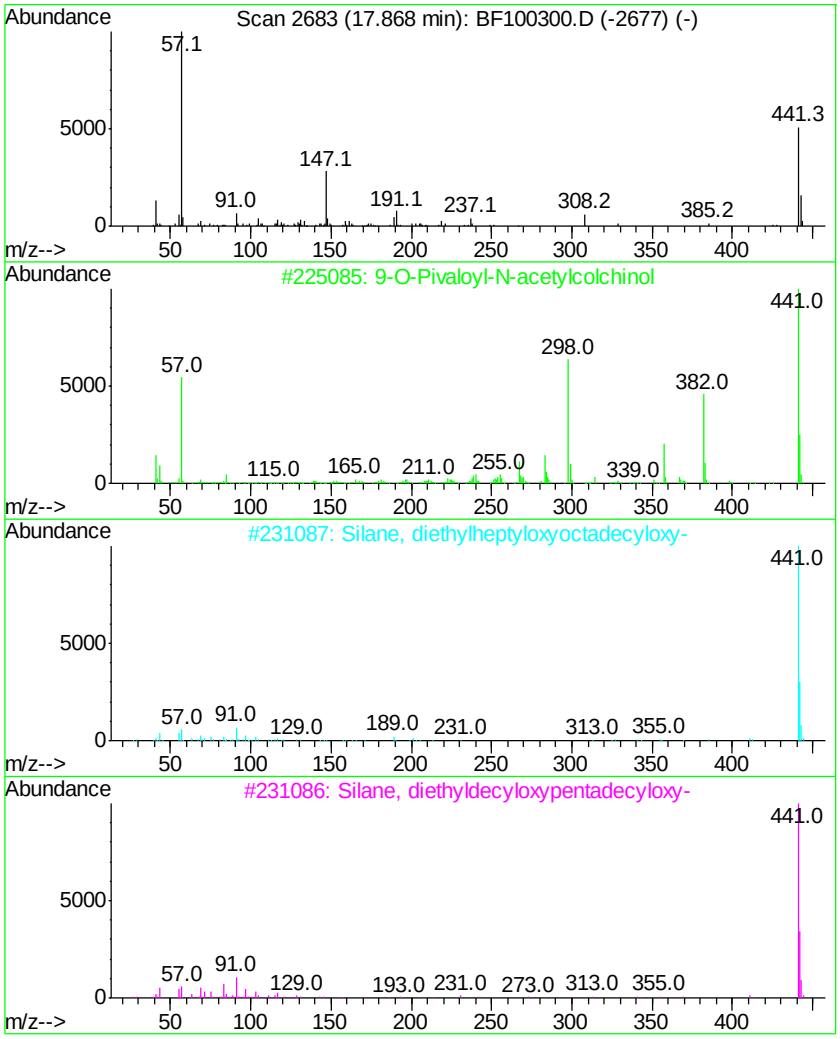
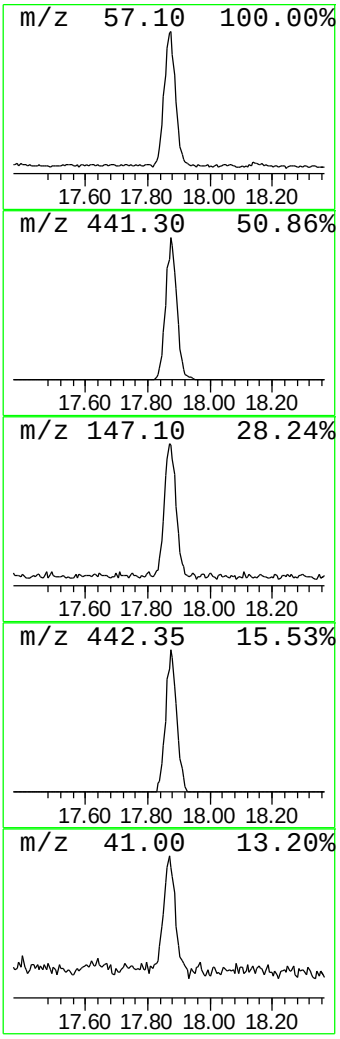
Peak Number 20 unknown17.87 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.96 ng	392230	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-O-Pivaloyl-N-acetylcolchinol	441	C25H31NO6	1000127-10-7	38
2	Silane, diethylheptyloxyoctadecy...	470	C29H62O2Si	1000363-96-0	25
3	Silane, diethyldecyloxypentadecy...	470	C29H62O2Si	1000363-96-6	17
4	Silane, dimethylisobutoxydocosyl...	456	C28H60O2Si	1000346-77-8	9
5	Silane, diethyl(2-heptyloxy)octa...	470	C29H62O2Si	1000363-72-9	9





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF110817\
Data File : BF100300.D
Acq On : 8 Nov 2017 19:10
Operator : SJ/JU
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ClientSampleId : OILY-WATER-FROM-BERM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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
2-Pentanone, 4-hy...	5.13	7.7	ng	476609	1	6.90	1233800	20.0
unknown6.67	6.67	65.5	ng	4039440	1	6.90	1233800	20.0
unknown6.96	6.96	2.7	ng	166863	1	6.90	1233800	20.0
Formic acid, 1-me...	7.30	2.3	ng	139656	1	6.90	1233800	20.0
Octane, 2-bromo-	7.97	3.1	ng	259478	2	8.18	1660300	20.0
unknown8.00	8.00	2.3	ng	190926	2	8.18	1660300	20.0
unknown8.04	8.04	4.0	ng	329749	2	8.18	1660300	20.0
unknown8.07	8.07	6.0	ng	495227	2	8.18	1660300	20.0
Benzothiazole	8.46	2.6	ng	218894	2	8.18	1660300	20.0
2-Hydroxy-iso-but...	8.73	3.8	ng	315831	2	8.18	1660300	20.0
Phthalic anhydride	8.94	3.5	ng	287306	2	8.18	1660300	20.0
2,5-Cyclohexadien...	9.75	3.1	ng	278560	3	9.94	1807650	20.0
Decahydro-8a-ethy...	10.35	3.1	ng	280436	3	9.94	1807650	20.0
Heptacosane	10.59	2.8	ng	252722	3	9.94	1807650	20.0
Benzophenone	10.65	6.9	ng	623311	3	9.94	1807650	20.0
Dodecane, 2,7,10-...	10.85	11.1	ng	813189	4	11.43	1470430	20.0
Tridecane	11.32	9.2	ng	678668	4	11.43	1470430	20.0
1,4-Benzenedicarb...	14.69	2.2	ng	104667	5	14.06	953650	20.0
unknown17.87	17.87	7.0	ng	392230	6	15.54	1127000	20.0