LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-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-BF080818.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	6.660	732	735	743	rVB2	33533	55914	1.61%	0.117%
2	7.001	790	793	798	rVB	1143645	1027290	29.61%	2.156%
3	7.166	816	821	825	rVB2	117805	146629	4.23%	0.308%
4	7.207	825	828	829	rBV	75090	70967	2.05%	0.149%
5	7.225	829	831	836	rVB	143946	159174	4.59%	0.334%
6	7.372	853	856	857	rBV	67811	65173	1.88%	0.137%
7	7.389	857	859	864	rVV3	110068	120744	3.48%	0.253%
8	7.431	864	866	868	rVV2	55328	62936	1.81%	0.132%
9	7.472	872	873	876	rVB	83491	61952	1.79%	0.130%
10	7.513	876	880	885	rBV	374409	416937	12.02%	0.875%
11	7.560	885	888	890	rVV	195402	222218	6.40%	0.466%
12	7.584	890	892	896	rVB3	163259	171726	4.95%	0.360%
13	7.625	896	899	901	rBV2	67101	67897	1.96%	0.142%
14	7.701	910	912	915	rVB2	81827	73927	2.13%	0.155%
15	7.789	920	927	932	rBV4	154474	341773	9.85%	0.717%
16	7.831	932	934	938	rVB3	79984	98628	2.84%	0.207%
17	7.866	938	940	944	rBV4	64689	93357	2.69%	0.196%
18	7.936	944	952	954	rBV3	153950	256560	7.39%	0.538%
19	7.960	954	956	958	rVB	147239	108086	3.12%	0.227%
20	8.019	964	966	969	rVB2	87068	83214	2.40%	0.175%
21	8.078	972	976	980	rVB3	165640	179712	5.18%	0.377%
22	8.119	980	983	985	rBV2	114157	121808	3.51%	0.256%
23	8.148	985	988	992	rVB4	54291	91191	2.63%	0.191%
24	8.254	1003	1006	1008	rBV2	94501	99647	2.87%	0.209%
25	8.289	1008	1012	1015	rVV	1604344	1333059	38.42%	2.797%
26	8.319	1015	1017	1020	rVB3	83198	96757	2.79%	0.203%
27	8.360	1020	1024	1027	rBV3	92218	158194	4.56%	0.332%
28	8.401	1027	1031	1033	rVV3	100328	149213	4.30%	0.313%
29	8.425	1033	1035	1040	rVB3	140662	204925	5.91%	0.430%
30	8.466	1040	1042	1043	rBV	72047	63817	1.84%	0.134%
31	8.501	1046	1048	1051	rVB2	137178	131664	3.79%	0.276%
32	8.531	1051	1053	1056	rBV2	80109	69559	2.00%	0.146%
33	8.607	1063	1066	1070	rBV4	108622	179551	5.17%	0.377%
34	8.648	1070	1073	1076	rBV2	236761	295811	8.53%	0.621%

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.684	1076	1079	1082	rBV2	142956	170000	4.90%	0.357%
36	8.754	1089	1091	1094	rBV3	157678	179299	5.17%	0.376%
37	8.789	1094	1097	1099	rVV	768166	597752	17.23%	1.254%
38	8.807	1099	1100	1102	rVB	135261	86700	2.50%	0.182%
39	8.866	1102	1110	1112	rBV3	537903	1056703	30.46%	2.217%
40	8.913	1116	1118	1120	rVB	221745	140337	4.04%	0.294%
41	8.954	1121	1125	1128	rVB3	451187	633167	18.25%	1.329%
42	9.001	1128	1133	1135	rBV3	293598	452255	13.03%	0.949%
43	9.031	1136	1138	1142	rVB2	261450	208048	6.00%	0.437%
44	9.072	1142	1145	1146	rBV2	215352	218686	6.30%	0.459%
45	9.189	1162	1165	1169	rBV3	380902	620274	17.88%	1.302%
46	9.248	1173	1175	1178	rBV	687136	801846	23.11%	1.682%
47	9.325	1186	1188	1191	rVB2	480298	366365	10.56%	0.769%
48	9.501	1216	1218	1221	rBV2	264815	221126	6.37%	0.464%
49	9.548	1223	1226	1229	rVB2	1202347	1356334	39.09%	2.846%
50	9.601	1232	1235	1237	rBV2	341005	342475	9.87%	0.719%
51	9.754	1259	1261	1263	rBV	369157	303982	8.76%	0.638%
52	9.901	1284	1286	1289	rBV2	243435	256711	7.40%	0.539%
53	10.001	1300	1303	1307	rBV	492455	637481	18.37%	1.338%
54	10.054	1308	1312	1315	rVV2	1601030	1517884	43.75%	3.185%
55	10.113	1320	1322	1324	rVB2	341647	264441	7.62%	0.555%
56	10.519	1389	1391	1396	rVB3	588150	725754	20.92%	1.523%
57	10.572	1398	1400	1407	rVB2	656652	844173	24.33%	1.771%
58	10.742	1427	1429	1431	rBV2	519999	371186	10.70%	0.779%
59	10.783	1433	1436	1438	rVV2	881458	744143	21.45%	1.561%
60	10.807	1438	1440	1442	rVV	446319	308472	8.89%	0.647%
61	10.901	1453	1456	1459	rBV	1425526	1453813	41.90%	3.051%
62	11.060	1480	1483	1487	rVB	1475311	1633624	47.08%	3.428%
63	11.101	1487	1490	1494	rBV	846524	1021809	29.45%	2.144%
64	11.183	1502	1504	1509	rVB3	1050084	1251579	36.07%	2.626%
65	11.336	1527	1530	1533	rVB	607178	589096	16.98%	1.236%
66	11.389	1537	1539	1543	rVV2	894081	1264923	36.46%	2.654%
67	11.477	1551	1554	1561	rBV3	1254111	2478530	71.43%	5.201%
68	11.548	1562	1566	1568	rVV3	2042580	2198922	63.38%	4.614%
69	11.577	1568	1571	1574	rVB2	1332836	1441929	41.56%	3.026%
70	11.613	1574	1577	1581	rBV3	874264	1266377	36.50%	2.657%
71	11.683	1587	1589	1591	rBV	456287	349958	10.09%	0.734%

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Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.713	1591	1594	1598	rBV	993065	1045315	30.13%	2.193%
73	11.754	1598	1601	1604	rBV	1858051	2156200	62.14%	4.524%
74	11.848	1612	1617	1620	rBV2	2321894	3469651	100.00%	7.280%
75	11.930	1627	1631	1633	rBV3	1639385	2602210	75.00%	5.460%
76	11.983	1638	1640	1642	rBV	815879	793186	22.86%	1.664%
77	14.201	2015	2017	2023	rVB	920284	1032758	29.77%	2.167%
78	14.689	2098	2100	2104	rVB	422088	388170	11.19%	0.814%
79	15.759	2279	2282	2287	rVB	675950	914404	26.35%	1.919%

Sum of corrected areas: 47658058

LSC Report - Integrated Chromatogram

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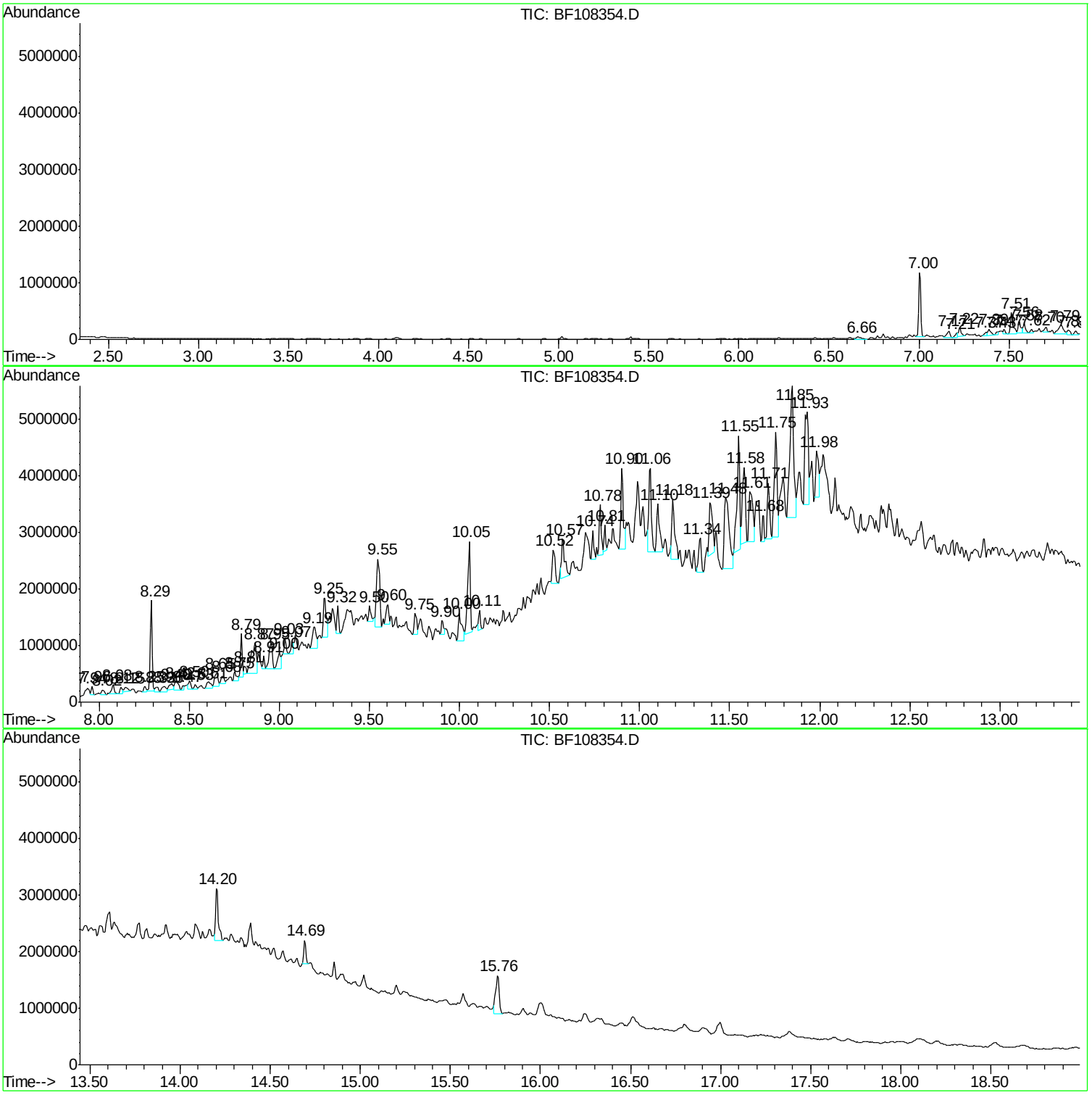
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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

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Misc :
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Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

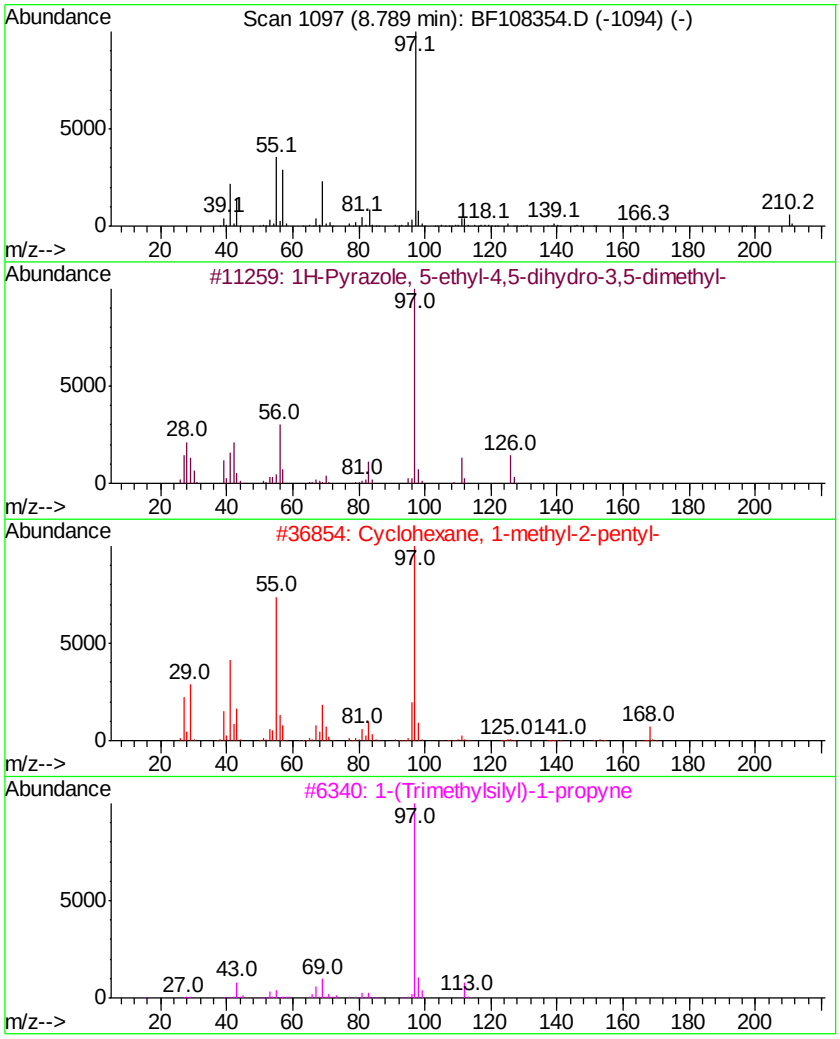
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

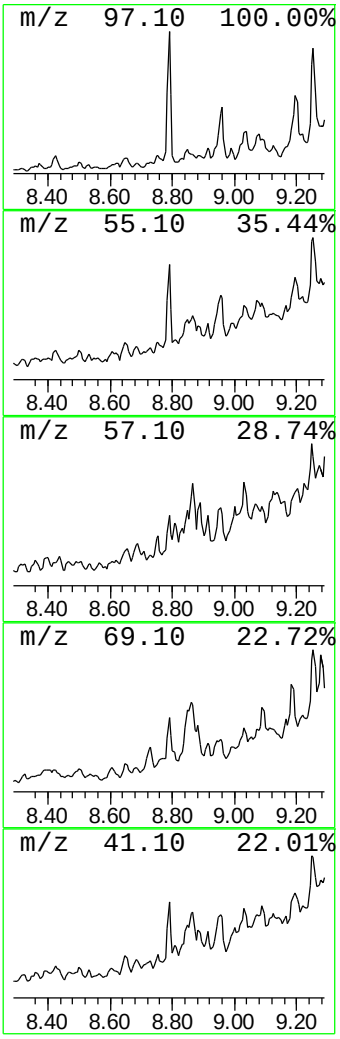
****

Peak Number 1 1H-Pyrazole, 5-ethyl-4,5-di... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	8.97 ng	597752	Naphthalene-d8	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	56
2	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
3	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	50
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	50
5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	50





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
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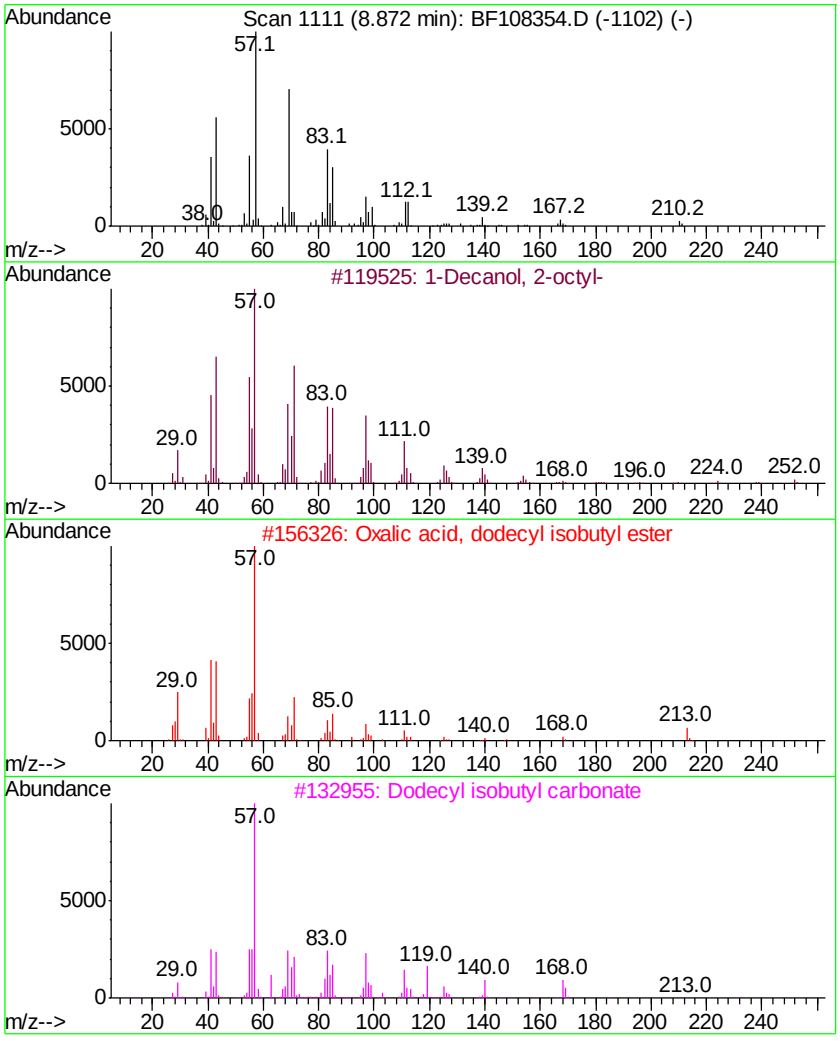
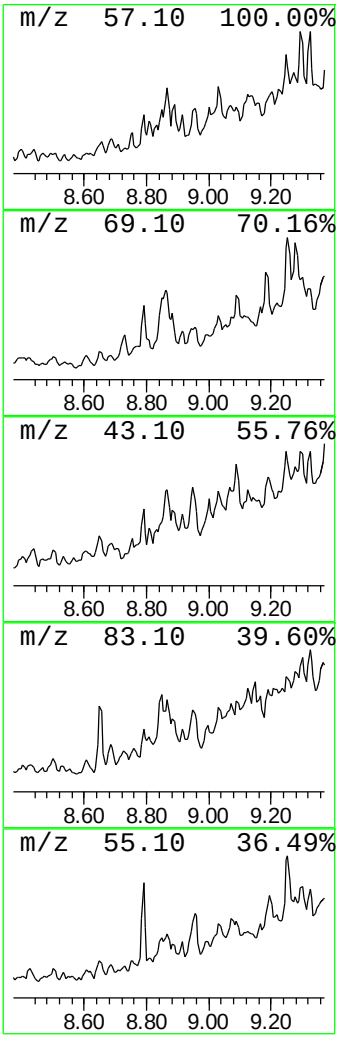
****

Peak Number 2 1-Decanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	15.85 ng	1056700	Naphthalene-d8	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	53
2	Oxalic acid, dodecyl isobutyl ester	314	C18H34O4	1000309-37-7	50
3	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	47
4	17-Pentatriacontene	491	C35H70	006971-40-0	47
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	43





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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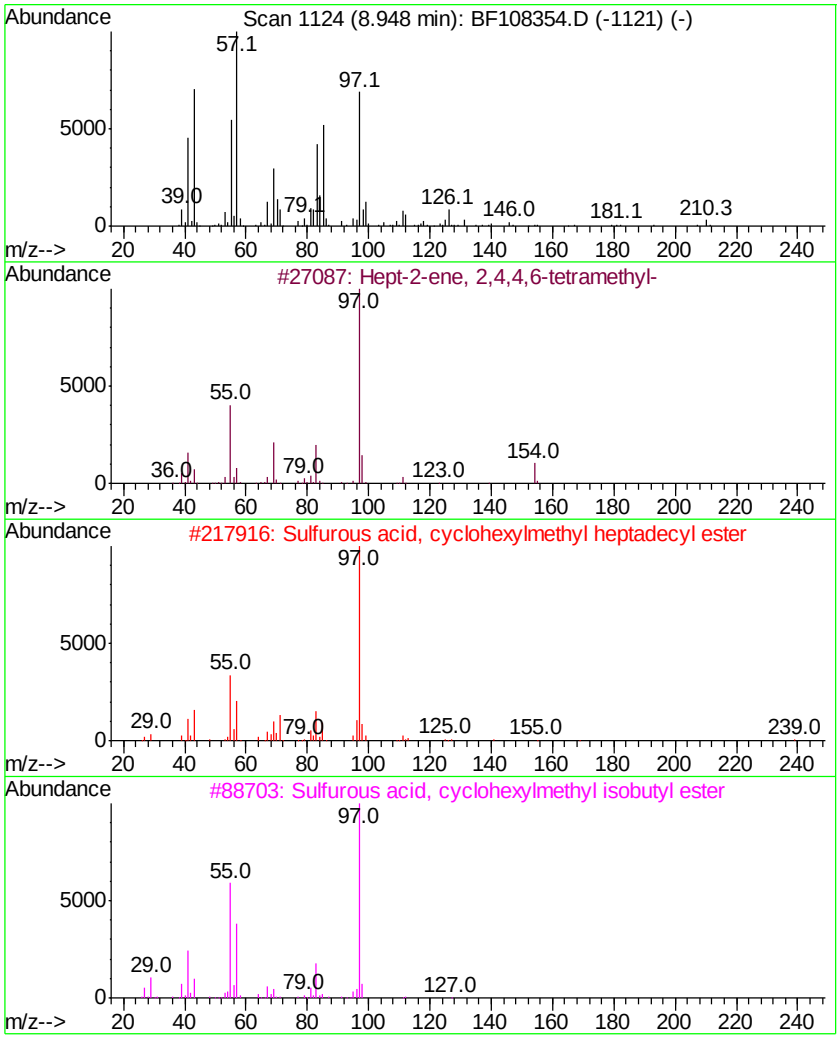
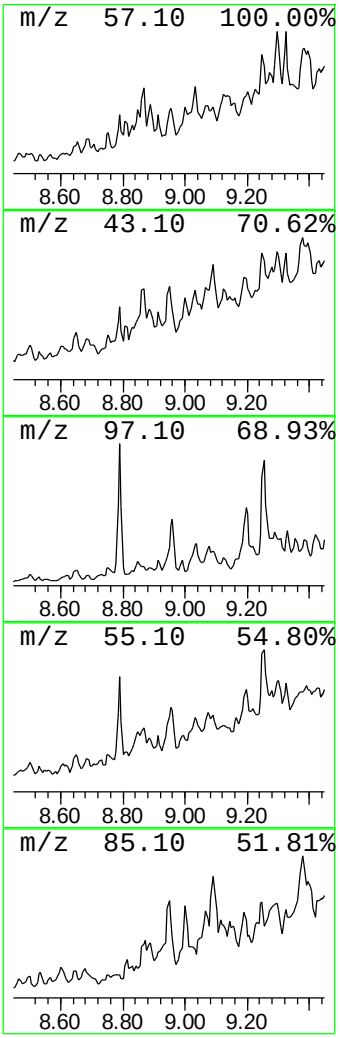
****

Peak Number 3 Hept-2-ene, 2,4,4,6-tetrame... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.95	9.50 ng	633167	Naphthalene-d8	8.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	53
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	53
3	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	47
4	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	47
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	43





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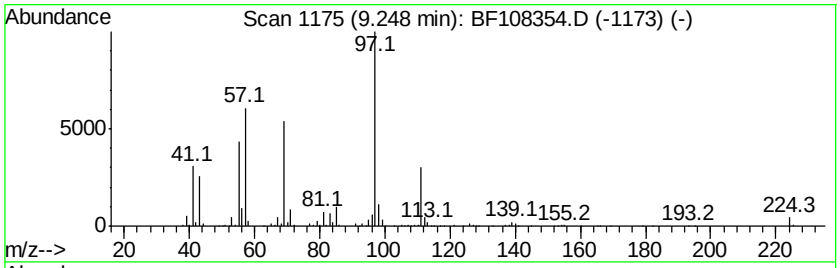
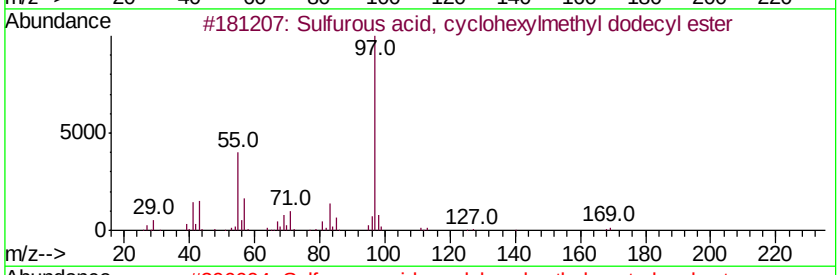
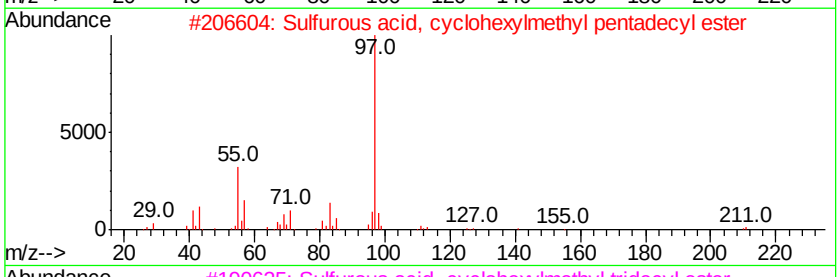
Peak Number 4 Sulfurous acid, cyclohexylm... Concentration Rank 13

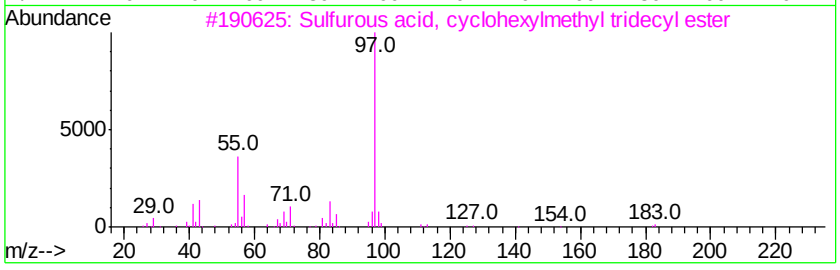
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	10.57 ng	801846	Acenaphthene-d10	10.05

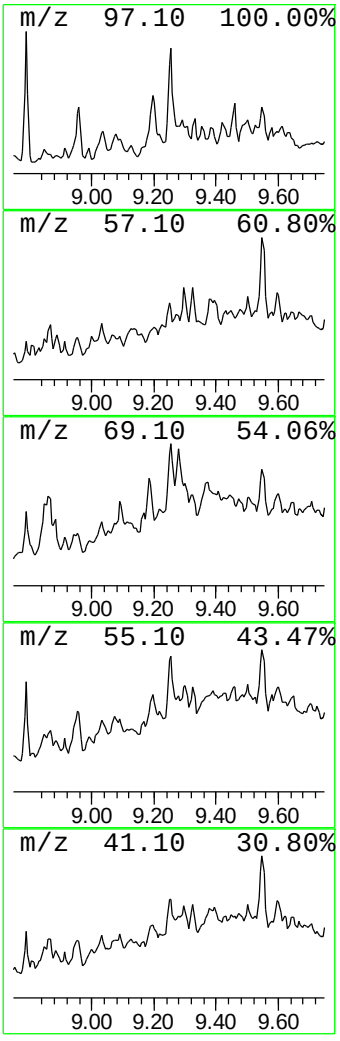
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72
2	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59
3	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	59
4	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	59
5	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	59











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

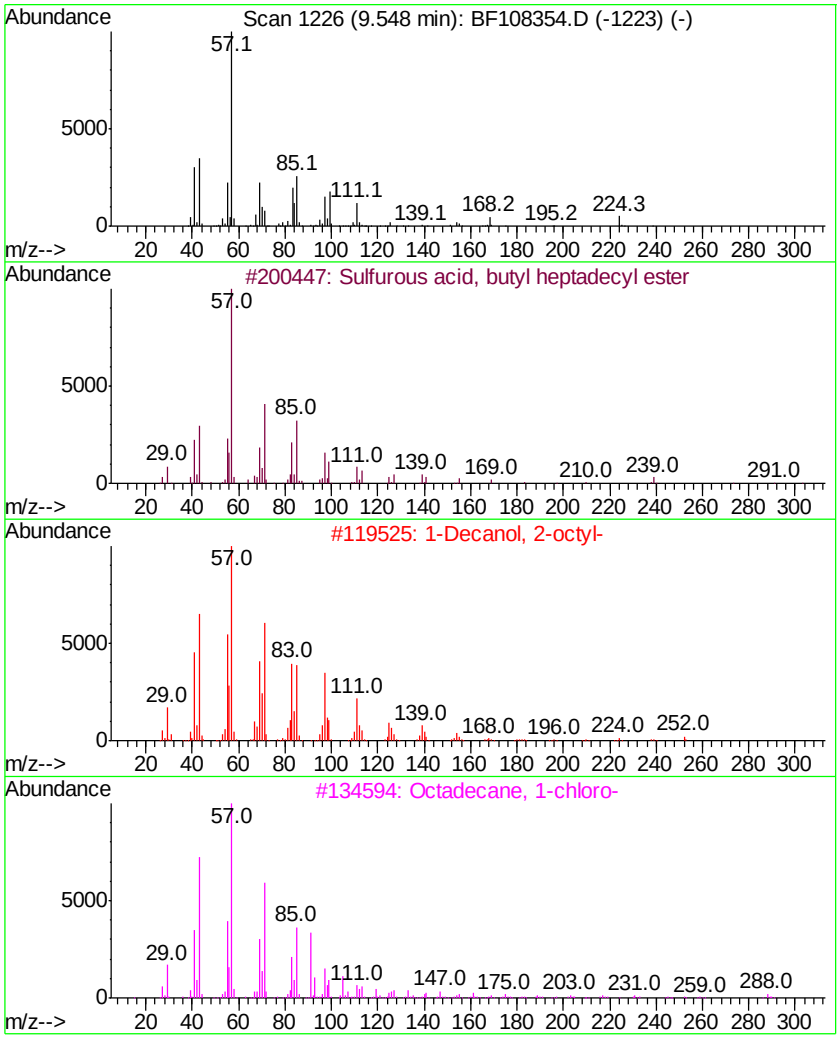
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

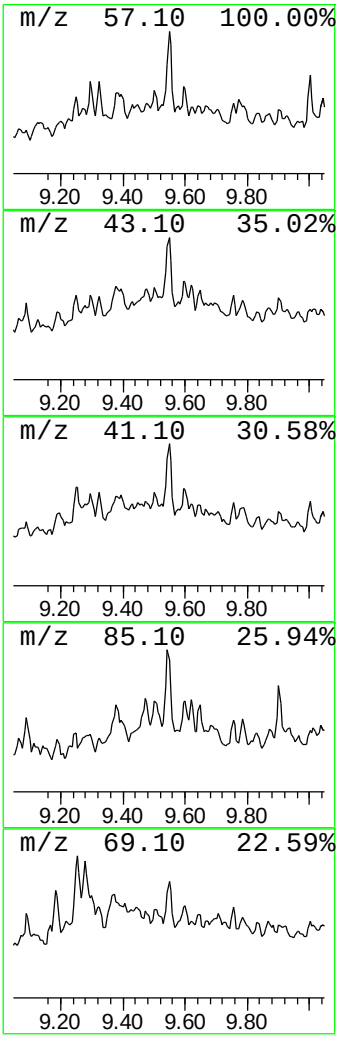
****

Peak Number 5 Sulfurous acid, butyl hepta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	17.87 ng	1356330	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	59
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	50
3	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	45
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	43
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	42





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-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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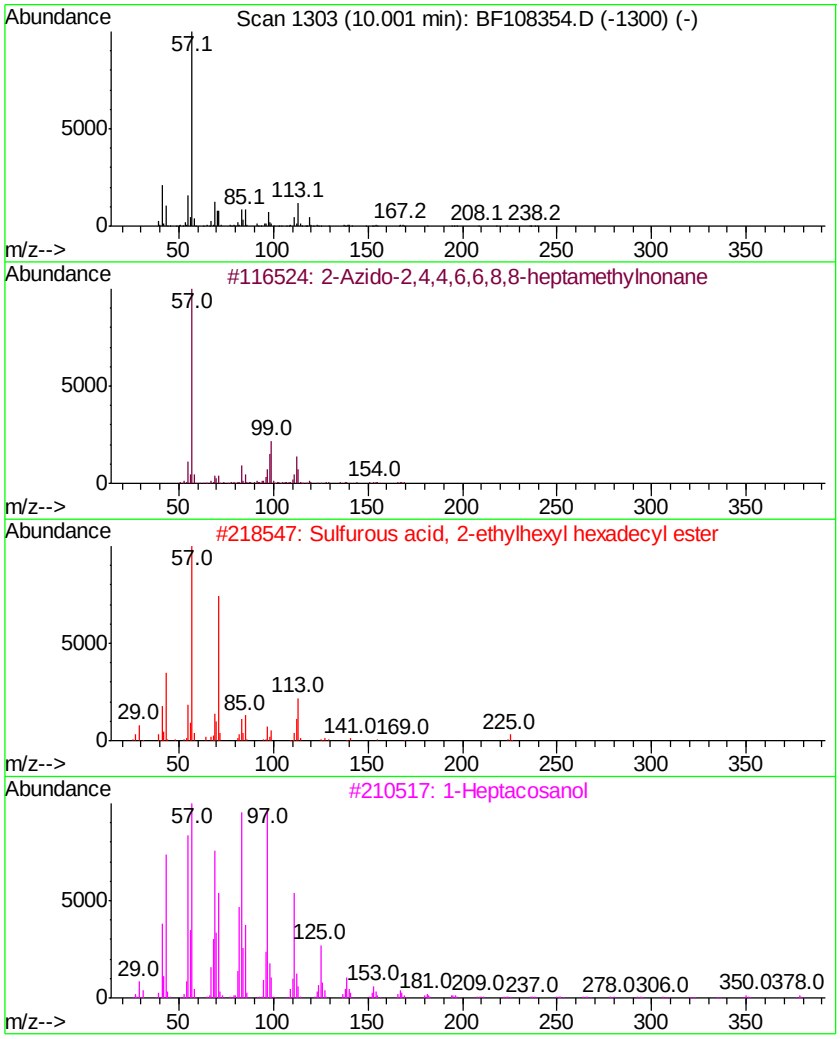
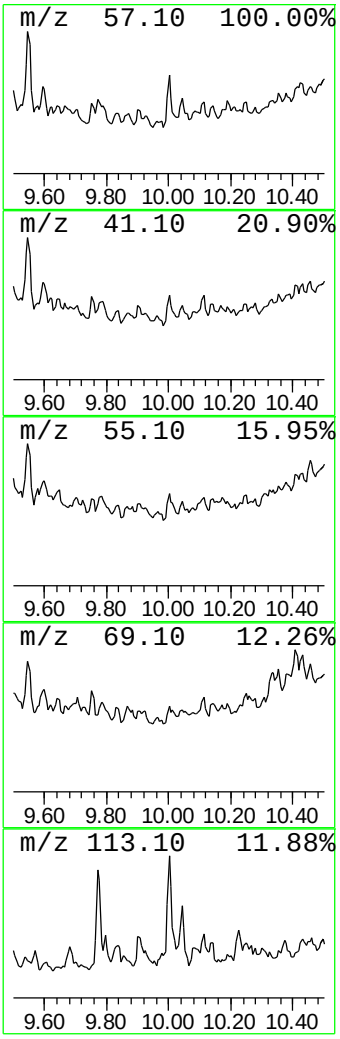
Peak Number 6 2-Azido-2,4,4,6,6,8,8-hepta... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	8.40 ng	637481	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	59
2	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
3	1-Heptacosanol	396	C27H56O	002004-39-9	43
4	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	43
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	42





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Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-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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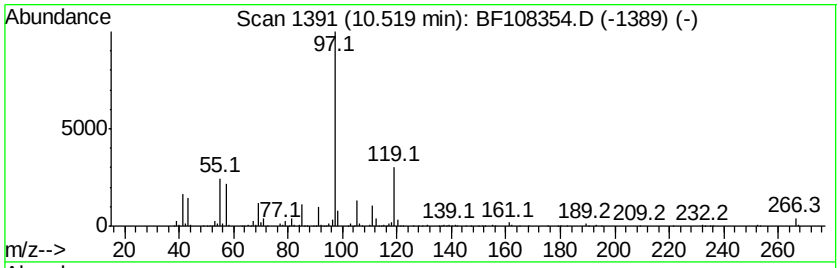
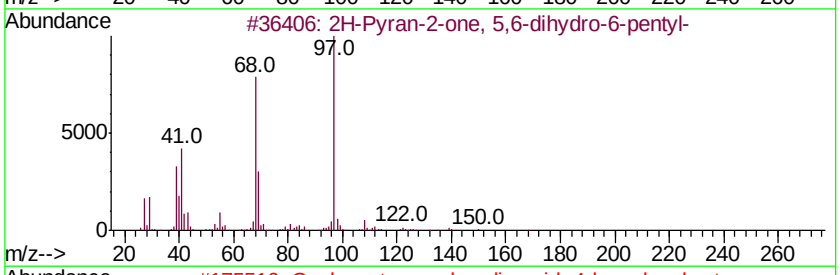
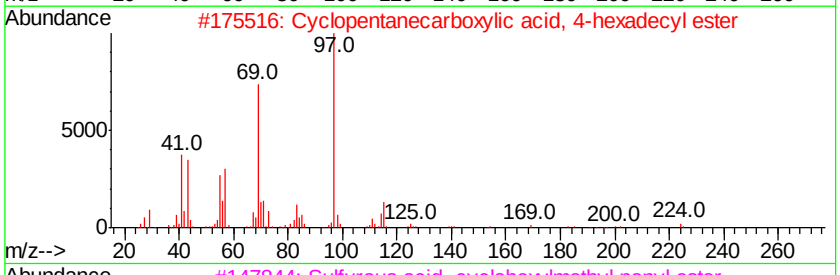
Peak Number 7 unknown10.52 Concentration Rank 15

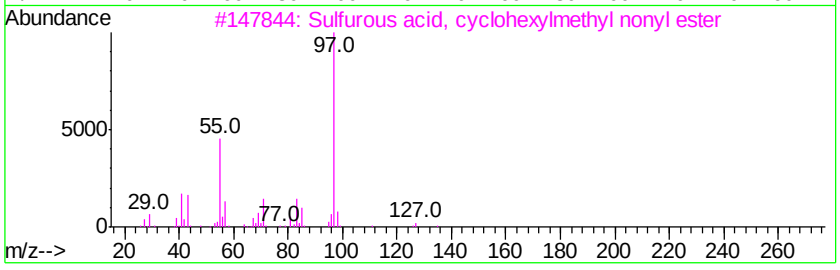
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	9.56 ng	725754	Acenaphthene-d10	10.05

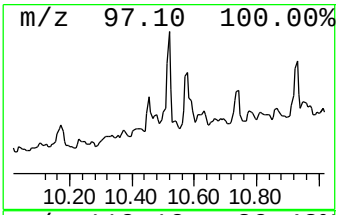
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	43
2	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	40
3	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	38
4	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	38
5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	37

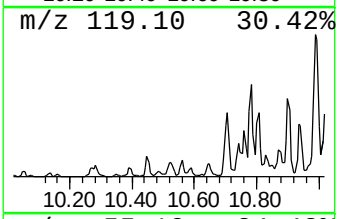


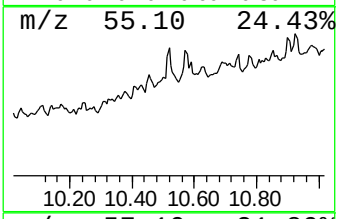


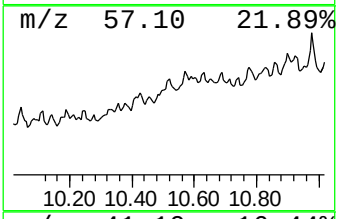


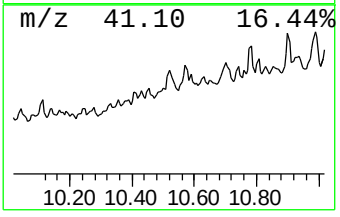












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Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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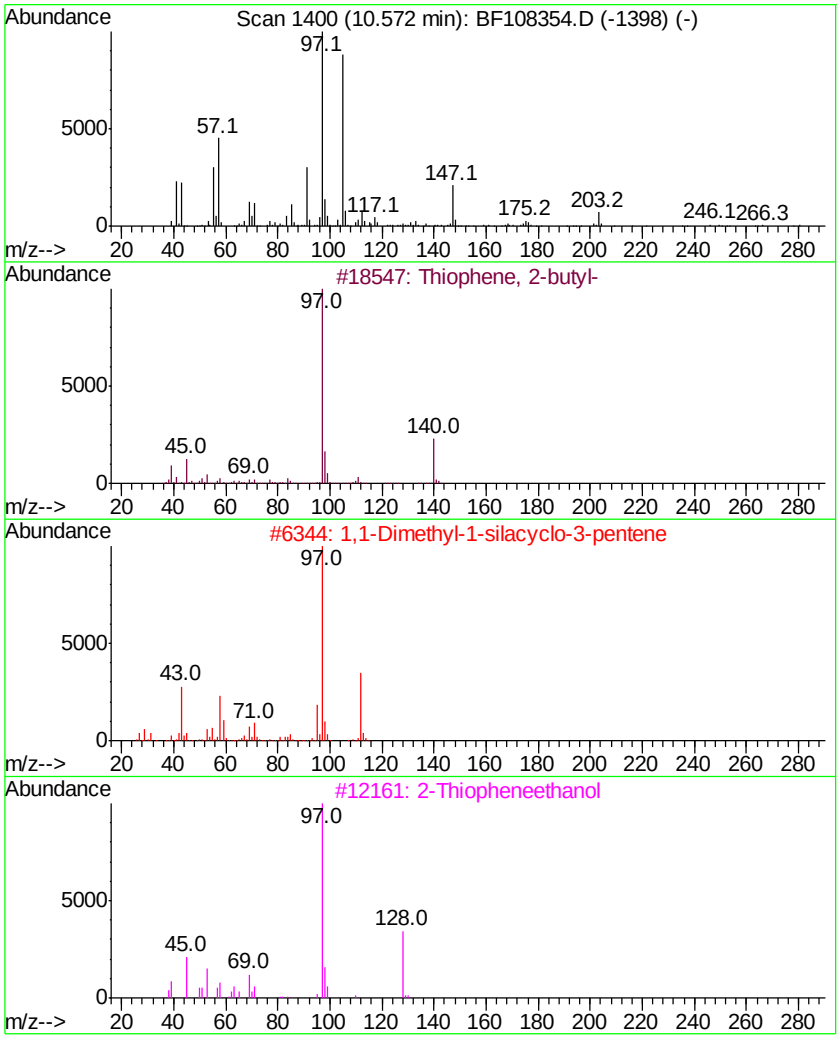
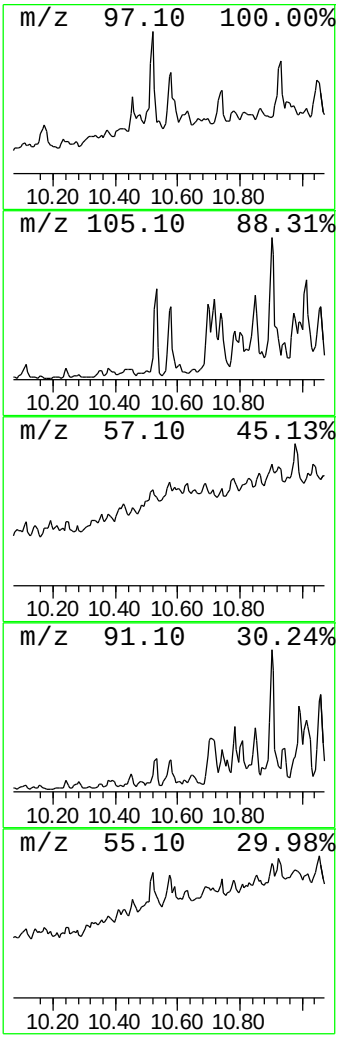
Peak Number 8 unknown10.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	11.12 ng	844173	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-butyl-	140	C8H12S	001455-20-5	47
2	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	47
3	2-Thiopheneethanol	128	C6H8OS	005402-55-1	43
4	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	43
5	Oxalic acid, cyclohexylmethyl te...	382	C23H42O4	1000309-69-0	40





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Misc :
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ClientSampleId : RB-BASELINE-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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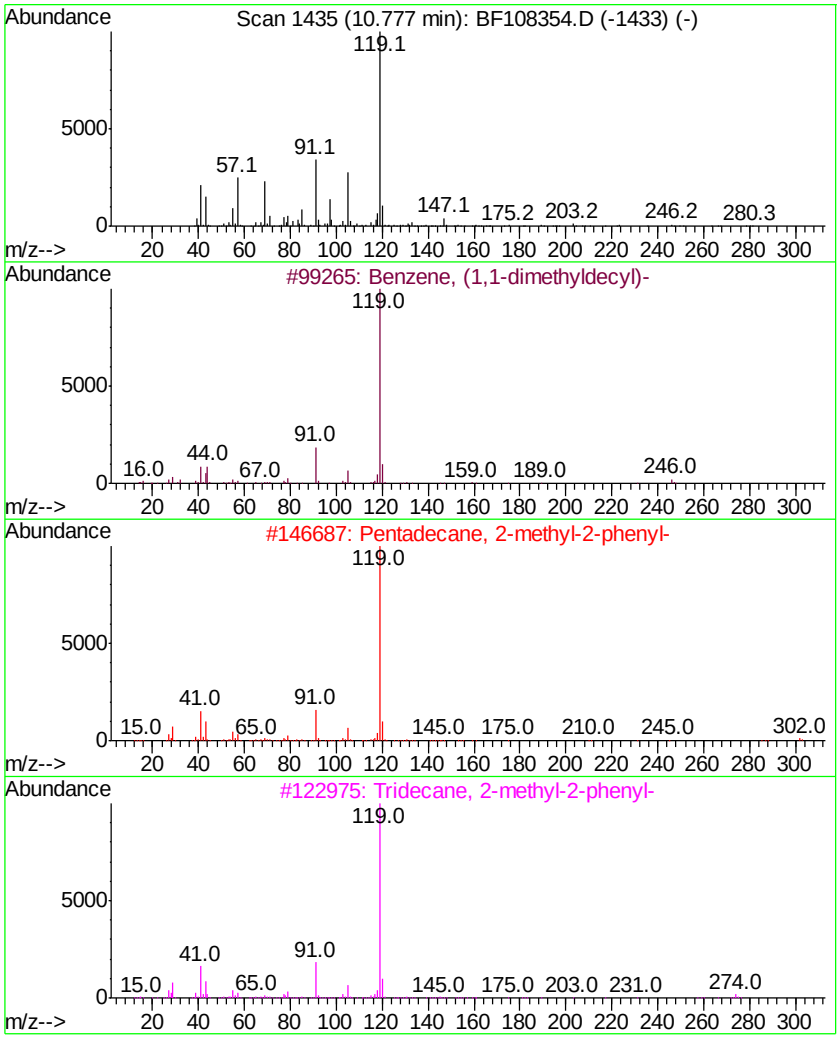
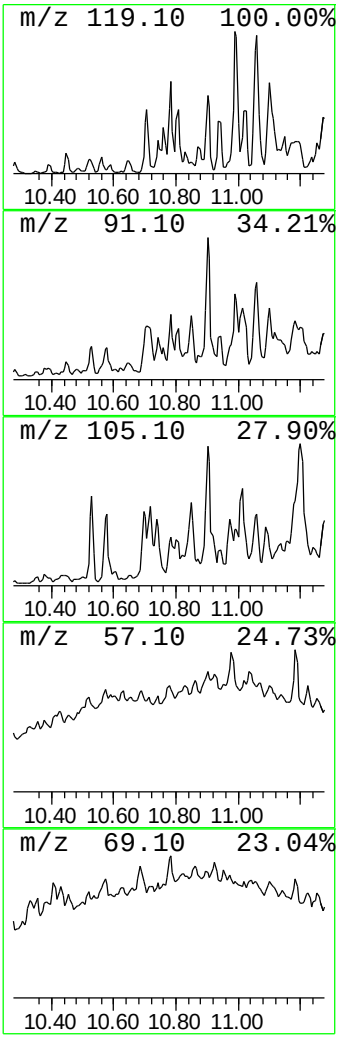
Peak Number 9 Benzene, (1,1-dimethyldecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	9.81 ng	744143	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	59
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	53
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	53





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ALS Vial : 13 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

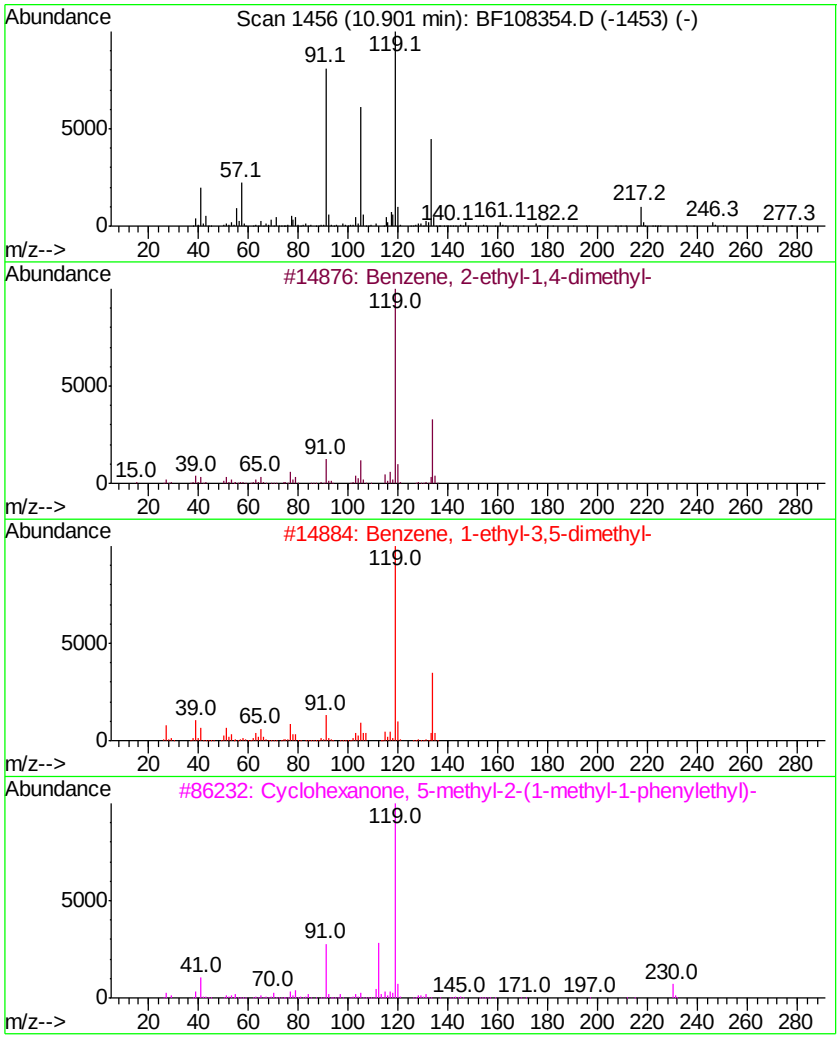
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

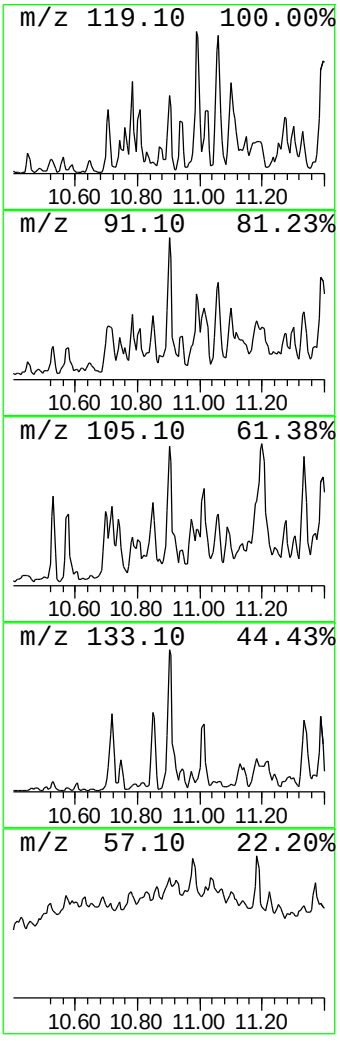
****

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	13.22 ng	1453810	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	53
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	50
3	Cyclohexanone, 5-methyl-2-(1-met...	230	C16H22O	097275-48-4	50
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	49
5	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	47





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-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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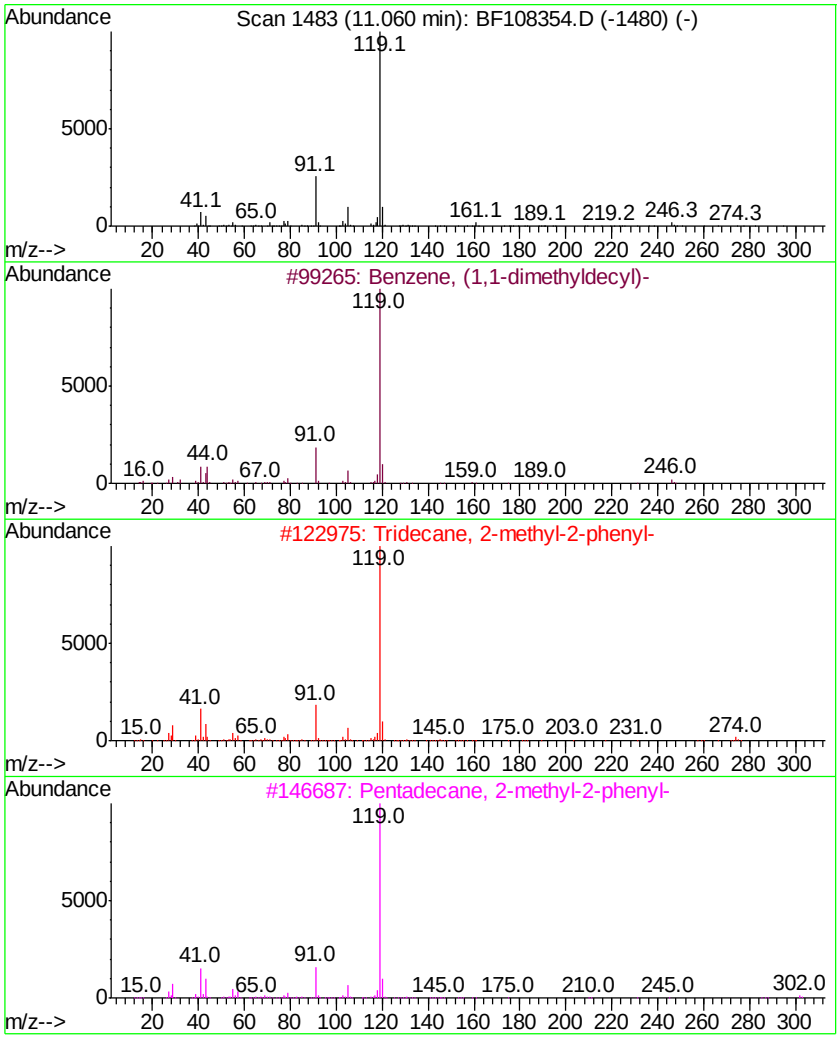
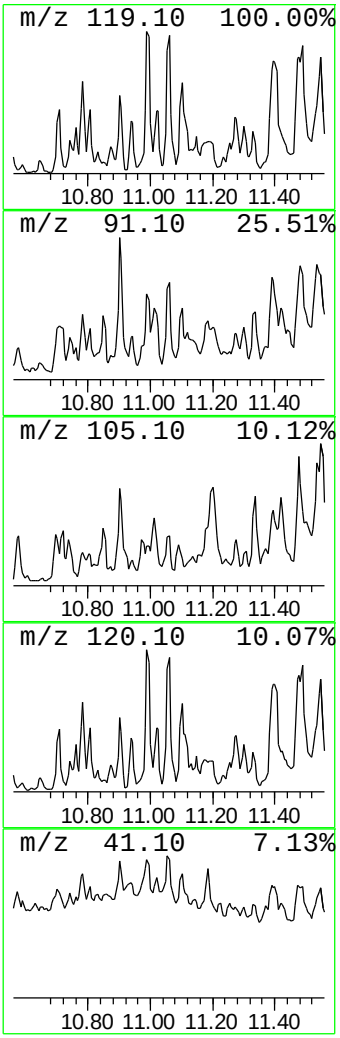
Peak Number 11 p-Toluic acid, 4-chlorophen... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	14.86 ng	1633620	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	91
2	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	78
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	78
5	p-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-76-5	72





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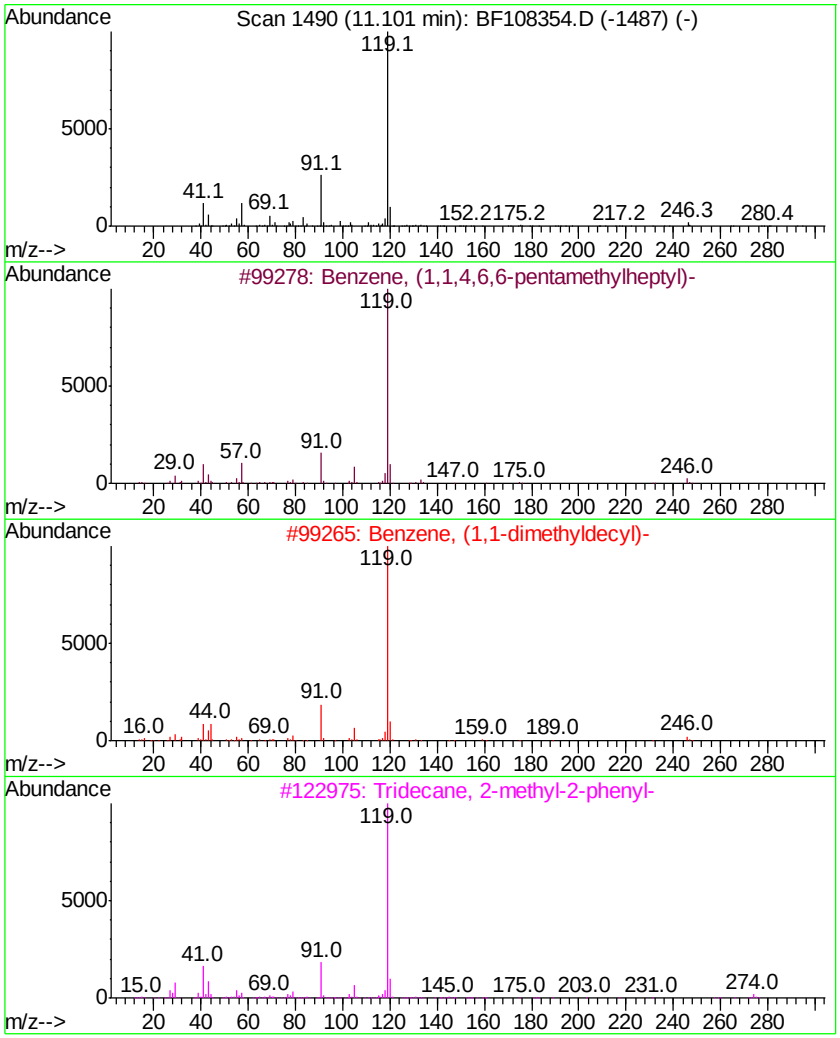
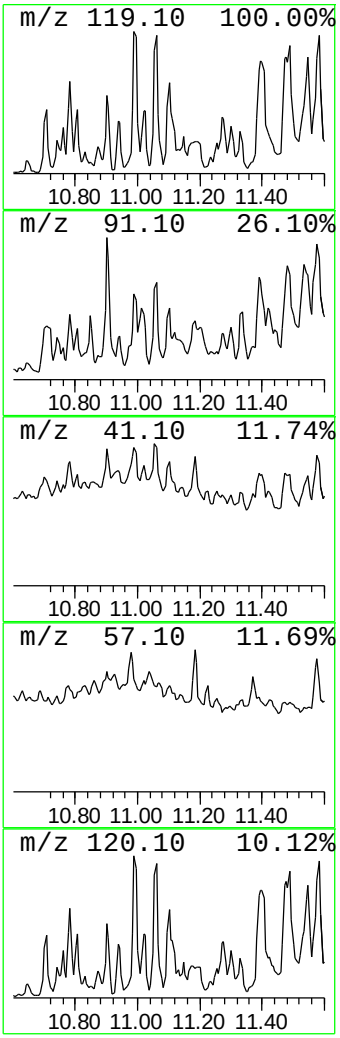
Peak Number 12 Benzene, (1,1,4,6,6-pentame... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	9.29 ng	1021810	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	91
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	90
3	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	72
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	72
5	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	64





Library Search Compound Report

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Sample : J4545-01 20X
Misc :
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Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

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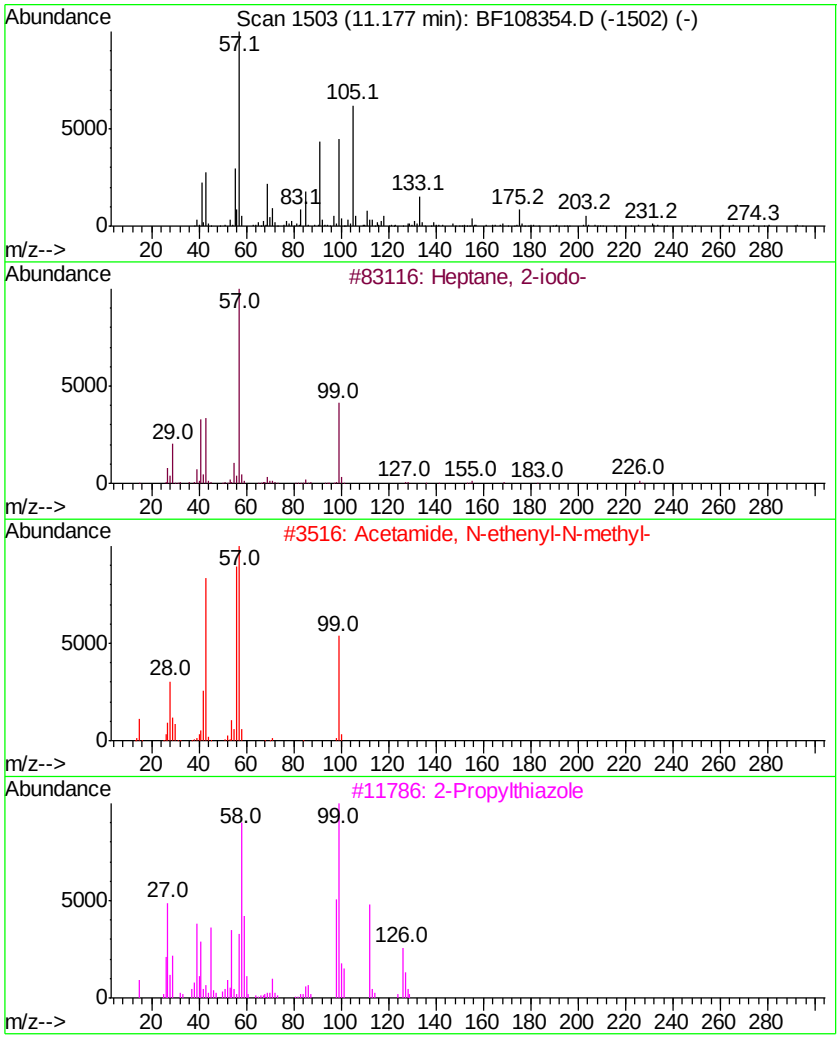
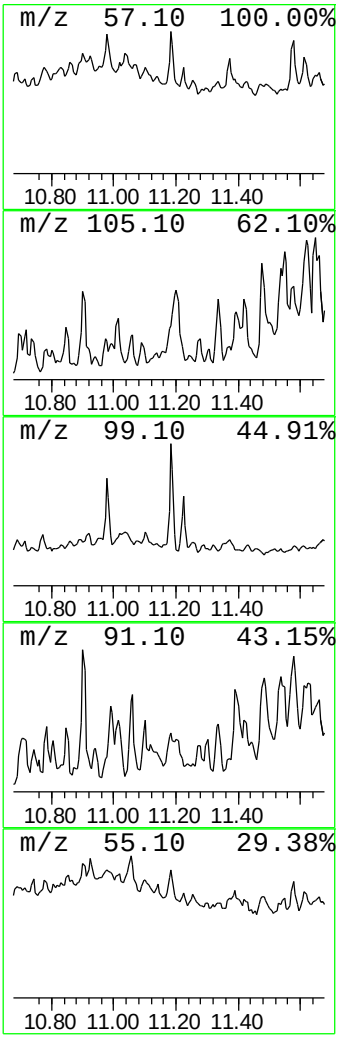
Peak Number 13 unknown11.18 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	11.38 ng	1251580	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-iodo-	226	C7H15I	018589-29-2	37
2	Acetamide, N-ethenyl-N-methyl-	99	C5H9NO	003195-78-6	35
3	2-Propylthiazole	127	C6H9NS	017626-75-4	27
4	Hexanoic acid, 6-tridecyl ester	298	C19H38O2	1000279-29-5	25
5	4-Heptanone, 2,2,3,3,5,5,6,6-oct...	226	C15H30O	016424-66-1	25





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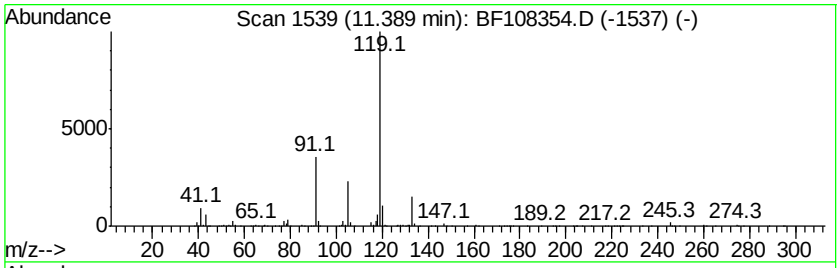
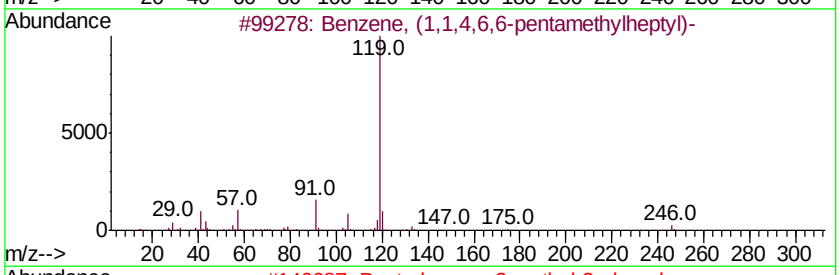
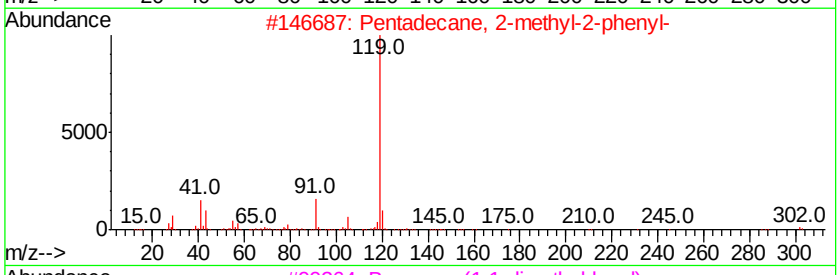
Peak Number 14 Tridecane, 2-methyl-2-phenyl- Concentration Rank 10

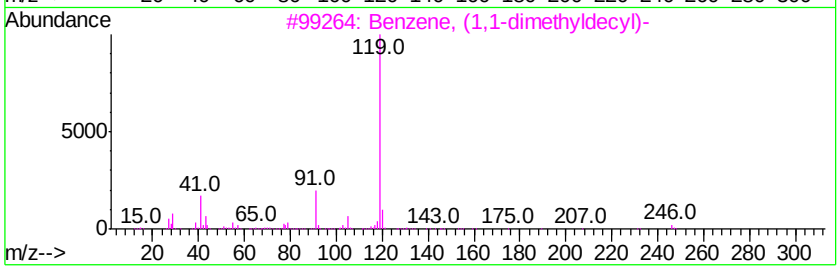
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	11.50 ng	1264920	Phenanthrene-d10	11.55

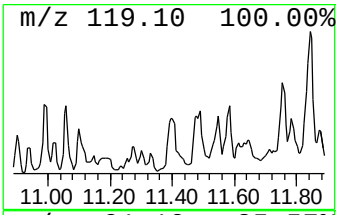
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	59
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	53
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	53
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	53

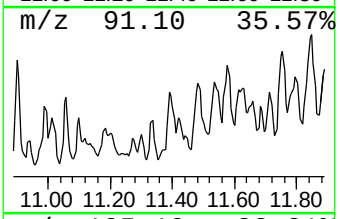


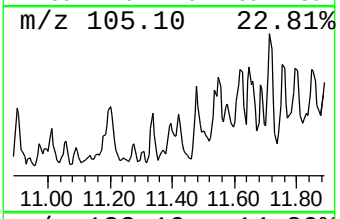


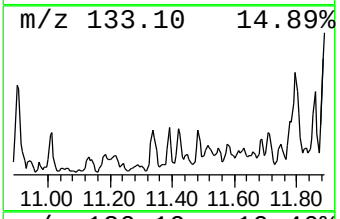


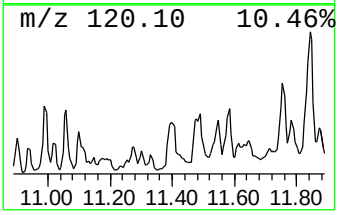












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

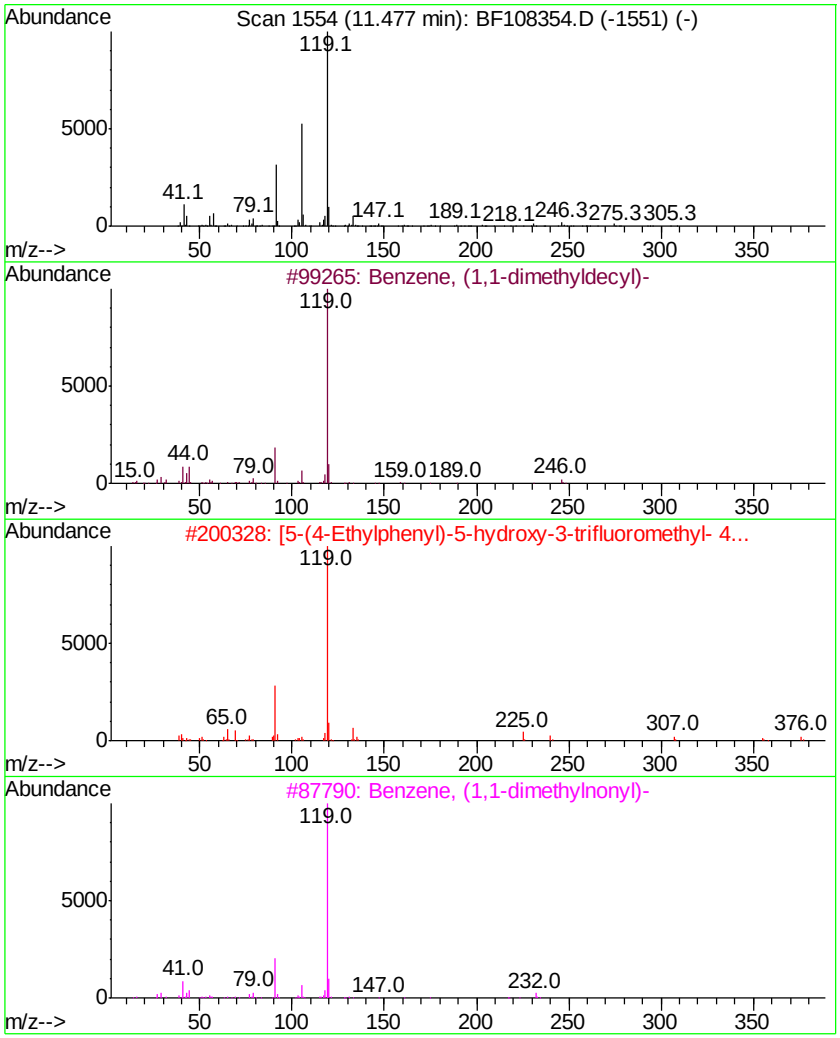
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

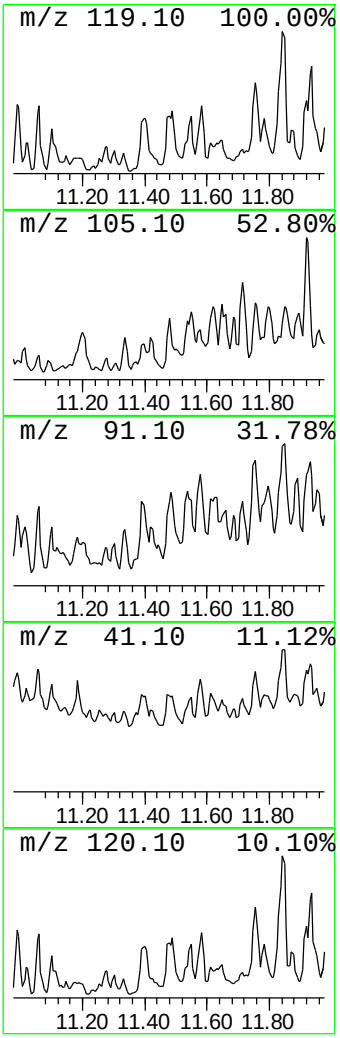
****

Peak Number 15 Benzene, (1,1-dimethyldecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.48	22.54 ng	2478530	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
2	[5-(4-Ethylphenyl)-5-hydroxy-3-t...	376	C20H19F3N2O2	1000311-59-5	64
3	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
5	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	59





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Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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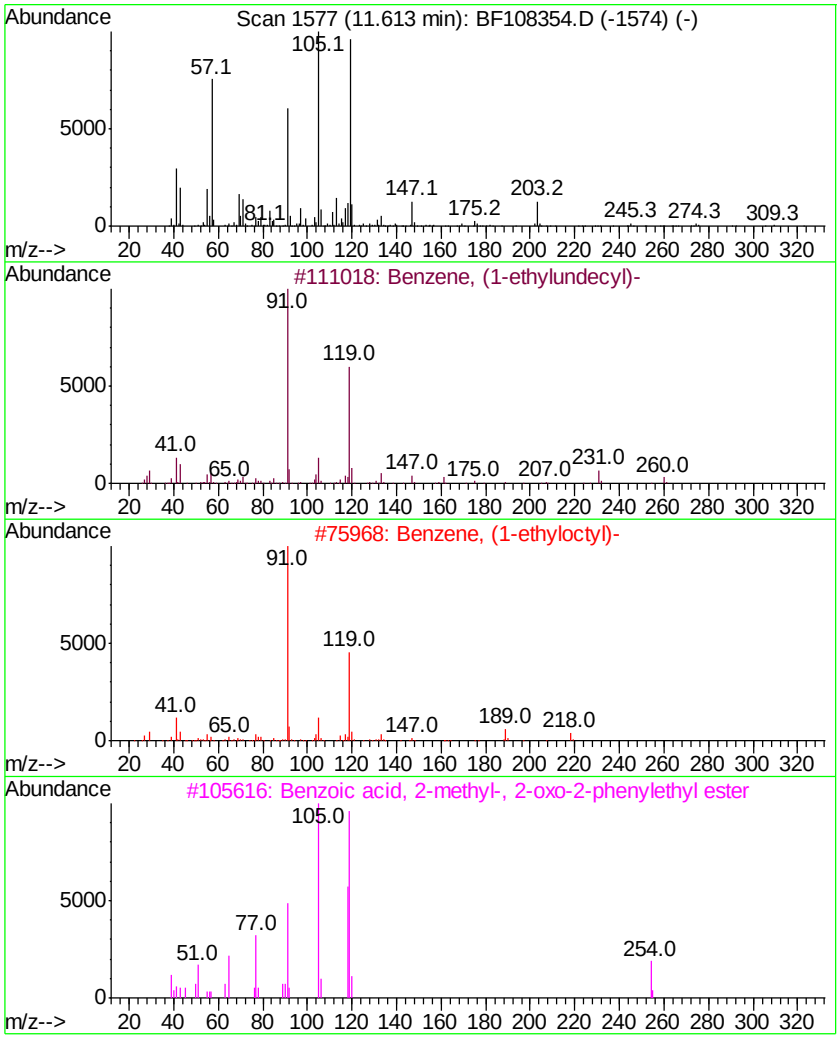
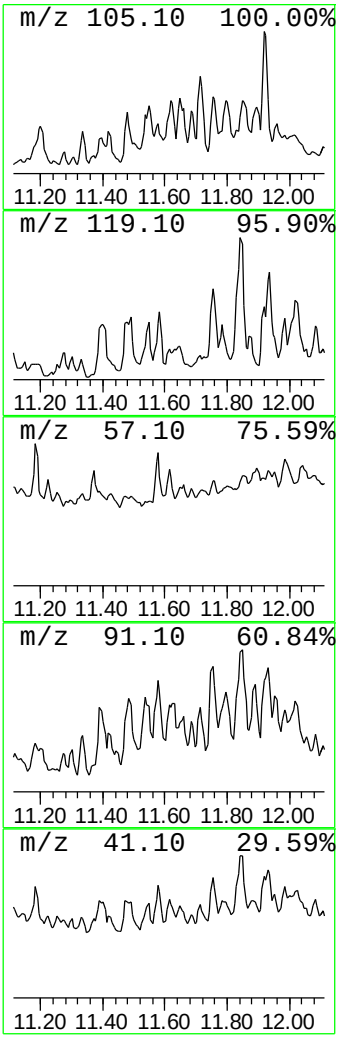
Peak Number 16 Benzene, (1-ethylundecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	11.52 ng	1266380	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	50
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	47
3	Benzoic acid, 2-methyl-, 2-oxo-2...	254	C16H14O3	055153-21-4	47
4	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	43
5	Menthane, 3-chloro-8-phenyl-	250	C16H23Cl	184007-21-4	43





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Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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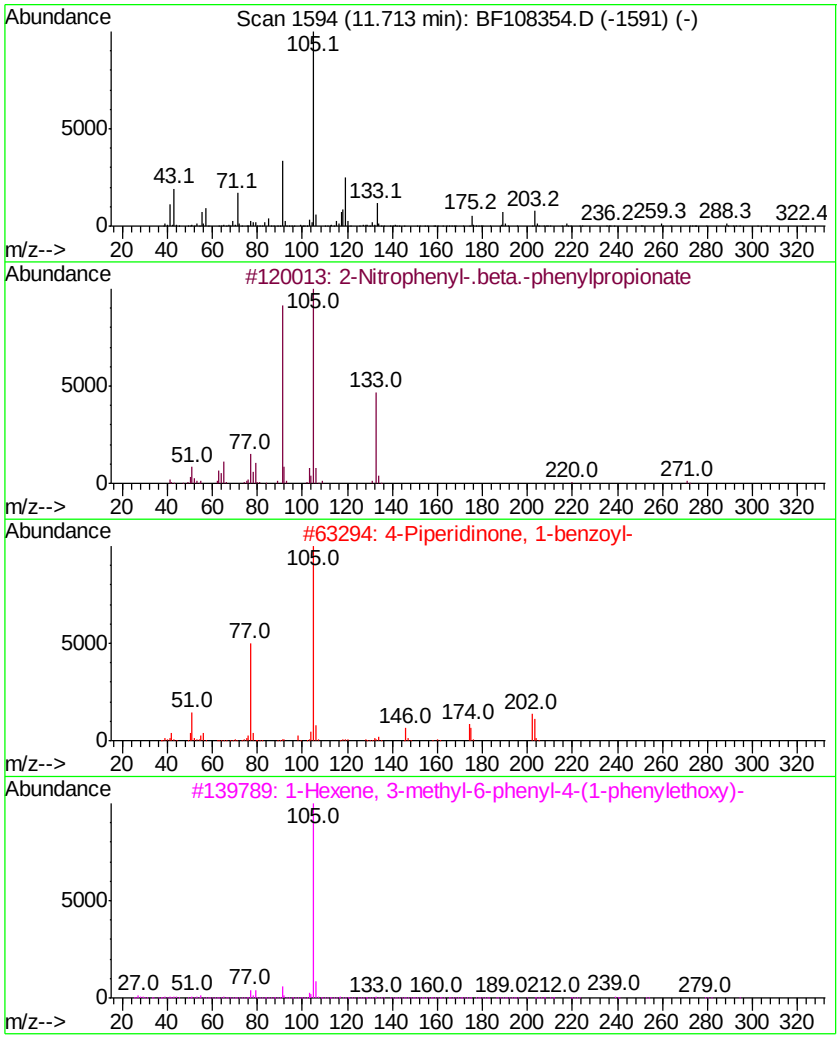
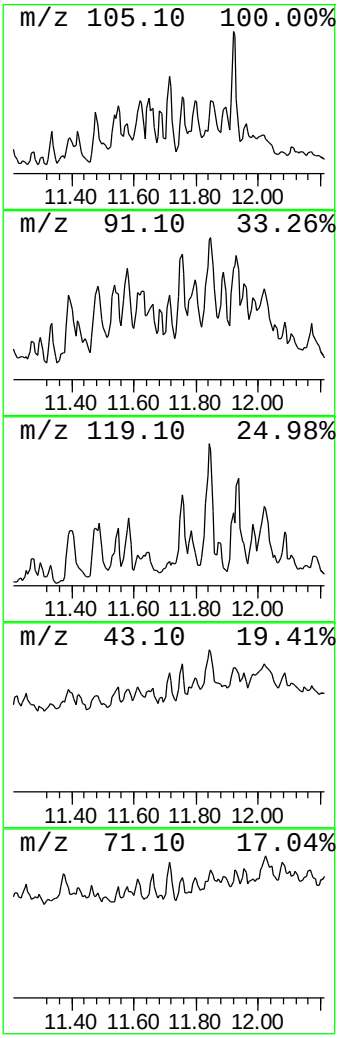
Peak Number 17 unknown11.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	9.51 ng	1045320	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nitrophenyl-.beta.-phenylpropi...	271	C15H13NO4	040123-51-1	16
2	4-Piperidinone, 1-benzoyl-	203	C12H13NO2	024686-78-0	14
3	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	14
4	3-Phenylpropionic acid, 2,4,6-tr...	328	C15H11Cl3O2	1000325-76-3	12
5	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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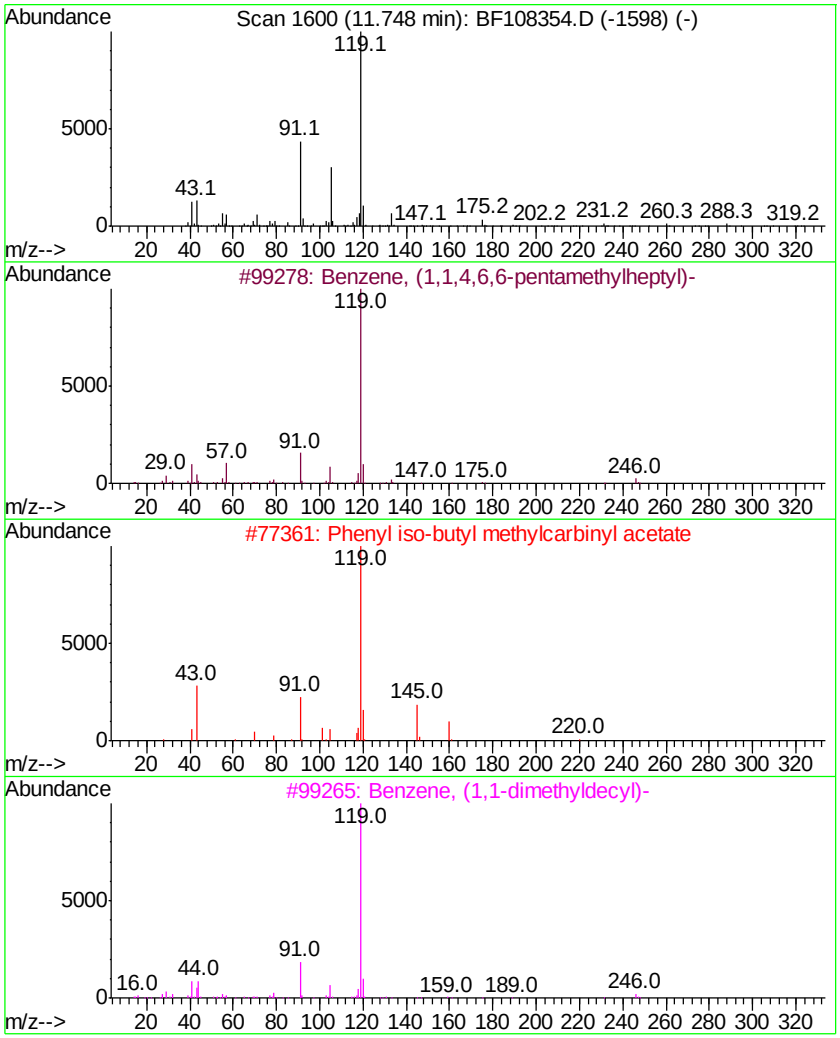
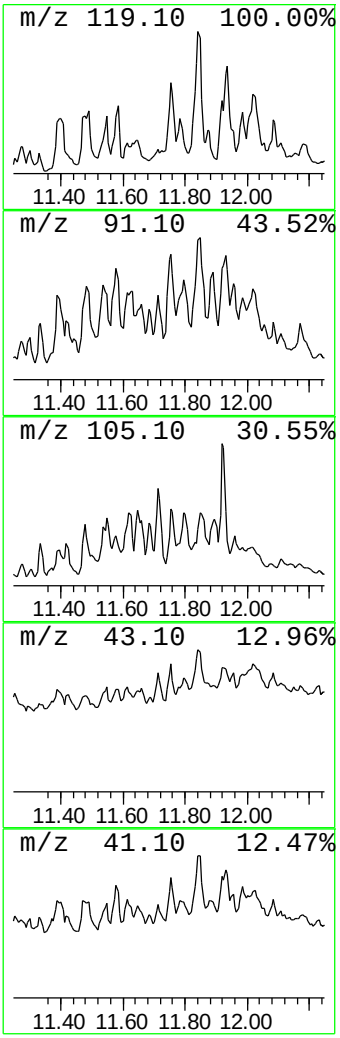
Peak Number 18 Phenyl iso-butyl methylcarb... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	19.61 ng	2156200	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
2	Phenyl iso-butyl methylcarbinyl ...	220	C14H20O2	1000285-48-0	64
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	64
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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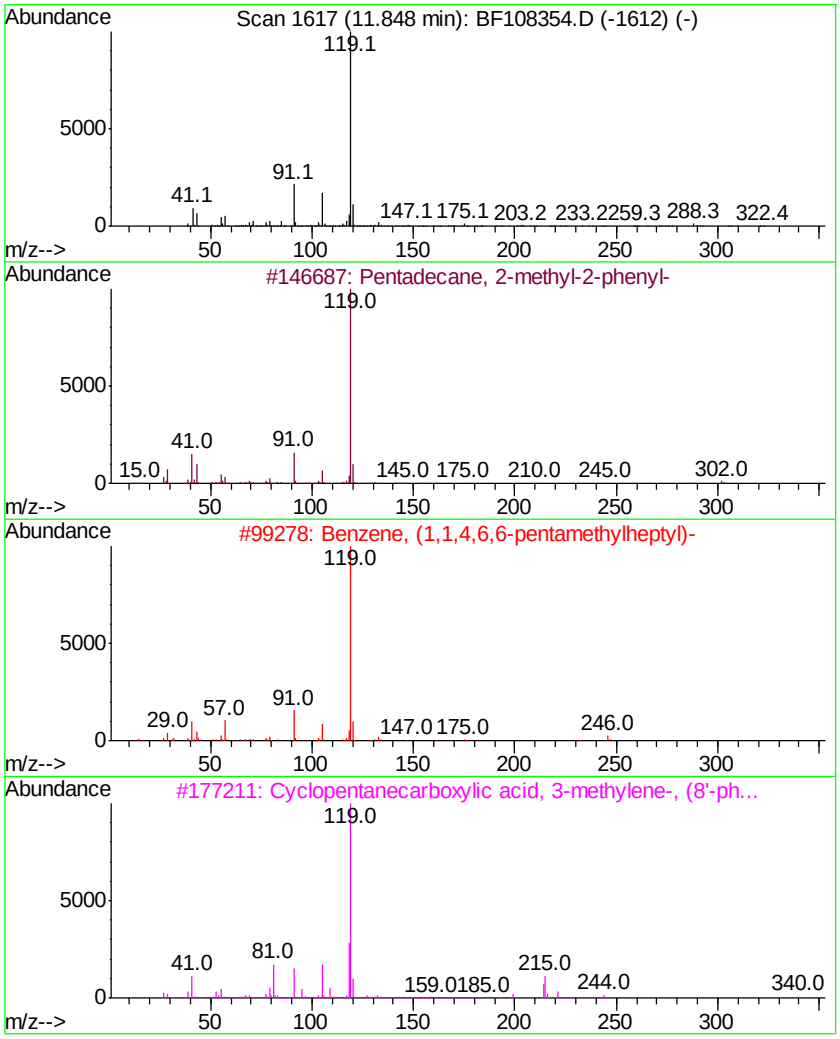
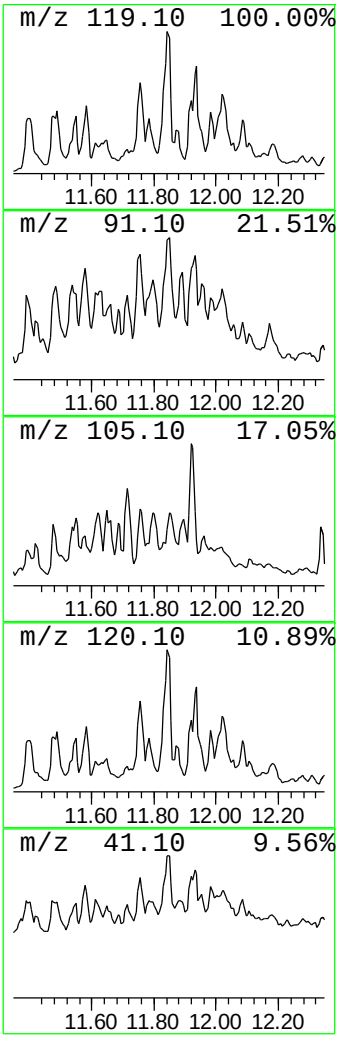
Peak Number 19 Pentadecane, 2-methyl-2-phe... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	31.56 ng	3469650	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	80
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
3	Cyclopentanecarboxylic acid, 3-m...	340	C23H32O2	1000156-88-6	72
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	72
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	72





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Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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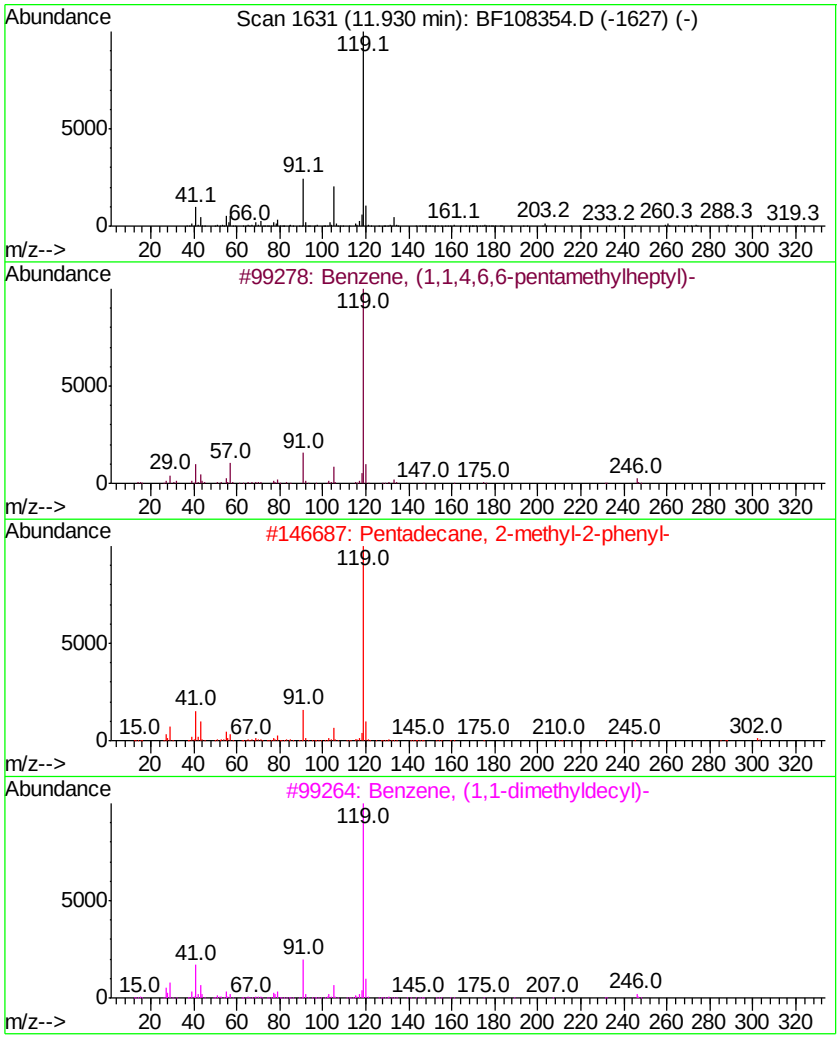
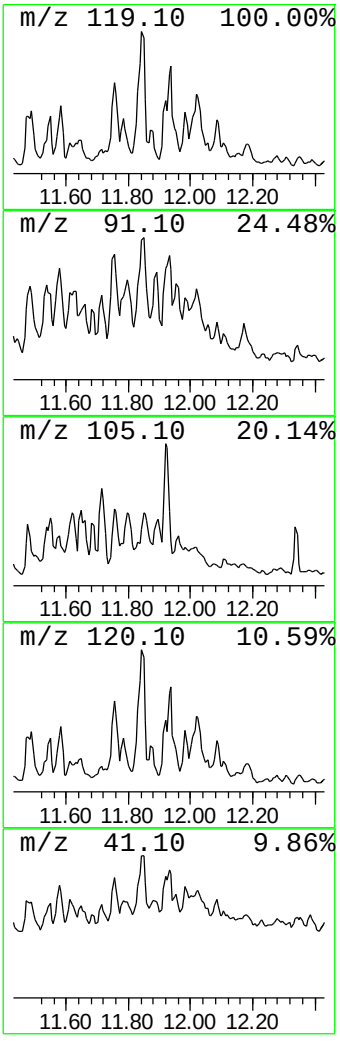
Peak Number 20 2-Hexanone, 5-methyl-5-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	23.67 ng	2602210	Phenanthrene-d10	11.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	64
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
4	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	59
5	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
Data File : BF108354.D
Acq On : 21 Aug 2018 22:58
Operator : JU/SJ
Sample : J4545-01 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RB-BASELINE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
1H-Pyrazole, 5-et...	8.79	9.0	ng	597752	2	8.29	1333060	20.0
1-Decanol, 2-octyl-	8.87	15.9	ng	1056700	2	8.29	1333060	20.0
Hept-2-ene, 2,4,4...	8.95	9.5	ng	633167	2	8.29	1333060	20.0
Sulfurous acid, c...	9.25	10.6	ng	801846	3	10.05	1517880	20.0
Sulfurous acid, b...	9.55	17.9	ng	1356330	3	10.05	1517880	20.0
2-Azido-2,4,4,6,6...	10.00	8.4	ng	637481	3	10.05	1517880	20.0
unknown10.52	10.52	9.6	ng	725754	3	10.05	1517880	20.0
unknown10.57	10.57	11.1	ng	844173	3	10.05	1517880	20.0
Benzene, (1,1-dim...	10.78	9.8	ng	744143	3	10.05	1517880	20.0
Benzene, 2-ethyl-...	10.90	13.2	ng	1453810	4	11.55	2198920	20.0
p-Toluic acid, 4-...	11.06	14.9	ng	1633620	4	11.55	2198920	20.0
Benzene, (1,1,4,6...	11.10	9.3	ng	1021810	4	11.55	2198920	20.0
unknown11.18	11.18	11.4	ng	1251580	4	11.55	2198920	20.0
Tridecane, 2-meth...	11.39	11.5	ng	1264920	4	11.55	2198920	20.0
Benzene, (1,1-dim...	11.48	22.5	ng	2478530	4	11.55	2198920	20.0
Benzene, (1-ethyl...	11.61	11.5	ng	1266380	4	11.55	2198920	20.0
unknown11.71	11.71	9.5	ng	1045320	4	11.55	2198920	20.0
Phenyl iso-butyl ...	11.75	19.6	ng	2156200	4	11.55	2198920	20.0
Pentadecane, 2-me...	11.85	31.6	ng	3469650	4	11.55	2198920	20.0
2-Hexanone, 5-met...	11.93	23.7	ng	2602210	4	11.55	2198920	20.0