LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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-BF102317.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	5.022	496	499	518	rBV	207718	387514	15.57%	1.379%
2	5.422	563	567	592	rBV	2000564	2339377	93.98%	8.325%
3	6.445	736	741	753	rBV	2056855	2417642	97.12%	8.604%
4	6.569	758	762	766	rBV	2311053	2388882	95.96%	8.501%
5	6.792	797	800	805	rBV	664302	555983	22.33%	1.979%
6	6.951	823	827	835	rVB	2036663	1818742	73.06%	6.472%
7	7.057	839	845	848	rVB3	33867	41782	1.68%	0.149%
8	7.304	882	887	889	rBV3	24536	31795	1.28%	0.113%
9	7.369	893	898	901	rBV	1525570	1435204	57.65%	5.107%
10	7.481	911	917	922	rBV4	28275	57215	2.30%	0.204%
11	7.563	928	931	933	rBV	49384	40090	1.61%	0.143%
12	7.592	933	936	938	rVB3	37205	33824	1.36%	0.120%
13	7.704	953	955	958	rVB3	55875	43918	1.76%	0.156%
14	7.739	958	961	965	rVB2	27288	29033	1.17%	0.103%
15	7.822	970	975	978	rBV5	25174	36998	1.49%	0.132%
16	7.886	983	986	989	rBV3	30833	39954	1.60%	0.142%
17	7.939	992	995	998	rBV3	39045	45124	1.81%	0.161%
18	8.022	1004	1009	1011	rBV4	28486	52248	2.10%	0.186%
19	8.051	1011	1014	1015	rVV3	37722	43027	1.73%	0.153%
20	8.075	1015	1018	1023	rVV	846026	797256	32.03%	2.837%
21	8.122	1023	1026	1029	rVB	183854	186949	7.51%	0.665%
22	8.157	1029	1032	1034	rBV3	49822	61552	2.47%	0.219%
23	8.222	1039	1043	1045	rBV2	37896	50402	2.02%	0.179%
24	8.269	1048	1051	1054	rVB2	73874	62577	2.51%	0.223%
25	8.357	1058	1066	1071	rBV8	115807	202521	8.14%	0.721%
26	8.451	1079	1082	1085	rBV4	40960	38547	1.55%	0.137%
27	8.486	1085	1088	1090	rBV	256502	216409	8.69%	0.770%
28	8.510	1090	1092	1093	rVV	61042	43630	1.75%	0.155%
29	8.527	1093	1095	1099	rVB4	48421	48089	1.93%	0.171%
30	8.575	1100	1103	1105	rBV2	55566	49101	1.97%	0.175%
31	8.604	1105	1108	1111	rBV4	65464	68819	2.76%	0.245%
32	8.639	1111	1114	1116	rBV	97301	91362	3.67%	0.325%
33	8.704	1121	1125	1126	rBV4	35336	44722	1.80%	0.159%
34	8.757	1131	1134	1137	rVB3	104316	130652	5.25%	0.465%

LSC Area Percent Report

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Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.816	1142	1144	1147	rVB4	33295	31161	1.25%	0.111%
36	8.857	1147	1151	1152	rBV4	46244	65168	2.62%	0.232%
37	8.898	1156	1158	1160	rBV2	66169	54888	2.20%	0.195%
38	8.945	1163	1166	1169	rBV5	53841	56213	2.26%	0.200%
39	8.975	1169	1171	1176	rVB3	85461	86628	3.48%	0.308%
40	9.022	1176	1179	1181	rBV3	48280	57183	2.30%	0.203%
41	9.092	1188	1191	1193	rBV	387966	304755	12.24%	1.085%
42	9.157	1196	1202	1205	rVV	2584703	2489357	100.00%	8.859%
43	9.186	1205	1207	1209	rVB2	44866	32914	1.32%	0.117%
44	9.222	1210	1213	1218	rBV3	149398	224924	9.04%	0.800%
45	9.269	1218	1221	1223	rVV3	91577	99759	4.01%	0.355%
46	9.304	1225	1227	1230	rVB4	88655	76176	3.06%	0.271%
47	9.422	1244	1247	1251	rBV5	57412	70418	2.83%	0.251%
48	9.551	1263	1269	1272	rBV2	729336	855758	34.38%	3.045%
49	9.580	1272	1274	1276	rVB3	72357	54836	2.20%	0.195%
50	9.698	1290	1294	1296	rBV3	113002	128931	5.18%	0.459%
51	9.739	1298	1301	1304	rVB3	137356	136922	5.50%	0.487%
52	9.769	1304	1306	1308	rBV3	40627	38683	1.55%	0.138%
53	9.798	1308	1311	1312	rBV2	62926	68978	2.77%	0.245%
54	9.839	1315	1318	1321	rVB	863639	711300	28.57%	2.531%
55	9.933	1332	1334	1339	rBV4	76318	83843	3.37%	0.298%
56	10.016	1346	1348	1350	rBV3	98664	76983	3.09%	0.274%
57	10.080	1356	1359	1366	rVB6	151482	238896	9.60%	0.850%
58	10.163	1368	1373	1375	rBV4	96302	156855	6.30%	0.558%
59	10.198	1377	1379	1383	rVB3	114149	107333	4.31%	0.382%
60	10.239	1383	1386	1389	rBV4	93112	123599	4.97%	0.440%
61	10.374	1405	1409	1412	rBV4	64467	124149	4.99%	0.442%
62	10.480	1421	1427	1433	rBV	413996	526573	21.15%	1.874%
63	10.557	1437	1440	1443	rVB	296789	237411	9.54%	0.845%
64	10.639	1450	1454	1457	rBV	1368577	1359707	54.62%	4.839%
65	10.745	1468	1472	1480	rVB	816207	853795	34.30%	3.038%
66	10.827	1483	1486	1488	rBV2	78352	68800	2.76%	0.245%
67	11.074	1526	1528	1529	rBV	65787	39418	1.58%	0.140%
68	11.210	1547	1551	1554	rBV	479254	470466	18.90%	1.674%
69	11.333	1568	1572	1576	rBV	859014	757317	30.42%	2.695%
70	11.445	1589	1591	1596	rVB4	72006	70710	2.84%	0.252%
71	11.557	1608	1610	1614	rBV2	137138	126038	5.06%	0.449%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.851	1658	1660	1665	rVB6	75020	77357	3.11%	0.275%
73	12.504	1769	1771	1776	rVB3	46382	49056	1.97%	0.175%
74	12.721	1806	1808	1814	rVB4	35047	46422	1.86%	0.165%
75	12.792	1817	1820	1824	rVB3	40327	53611	2.15%	0.191%
76	12.833	1824	1827	1830	rBV	50233	44746	1.80%	0.159%
77	12.921	1837	1842	1845	rVB	1723139	1745715	70.13%	6.212%
78	13.798	1988	1991	1998	rVB3	27654	34081	1.37%	0.121%
79	13.986	2019	2023	2030	rBV	557238	524268	21.06%	1.866%
80	15.456	2269	2273	2284	rVB	417320	527601	21.19%	1.878%

Sum of corrected areas: 28100642

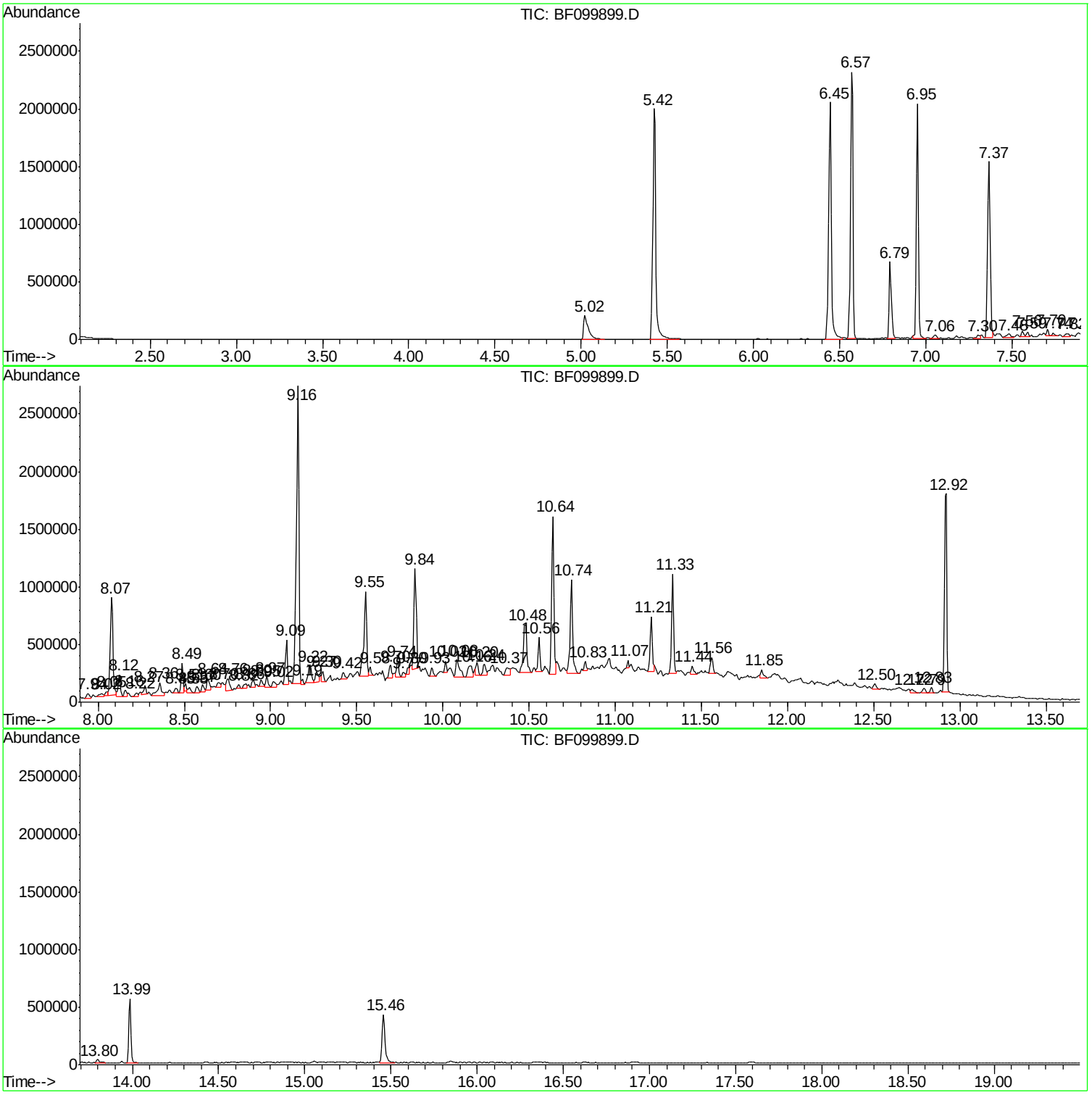
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

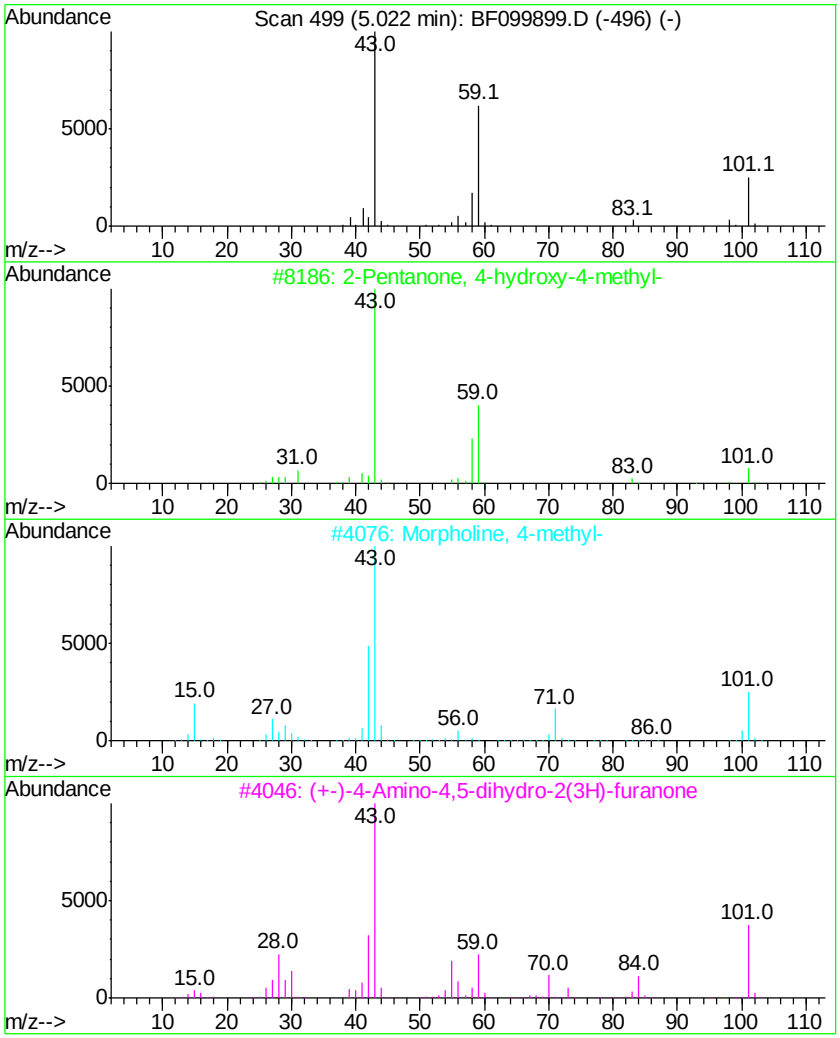
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

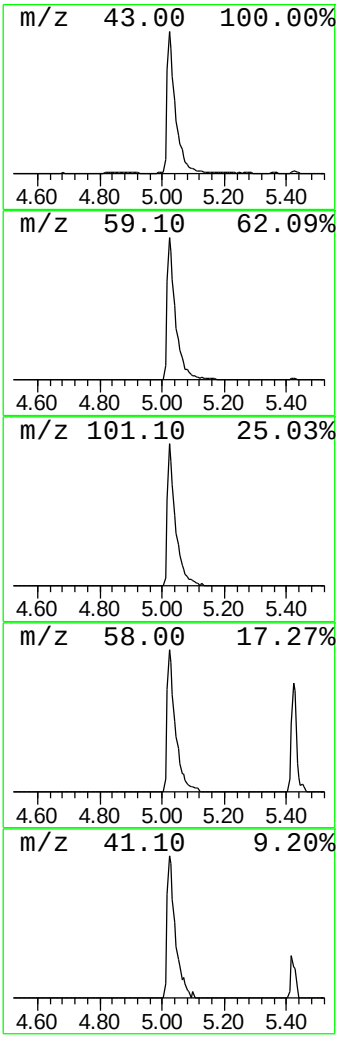
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	13.94 ng	387514	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

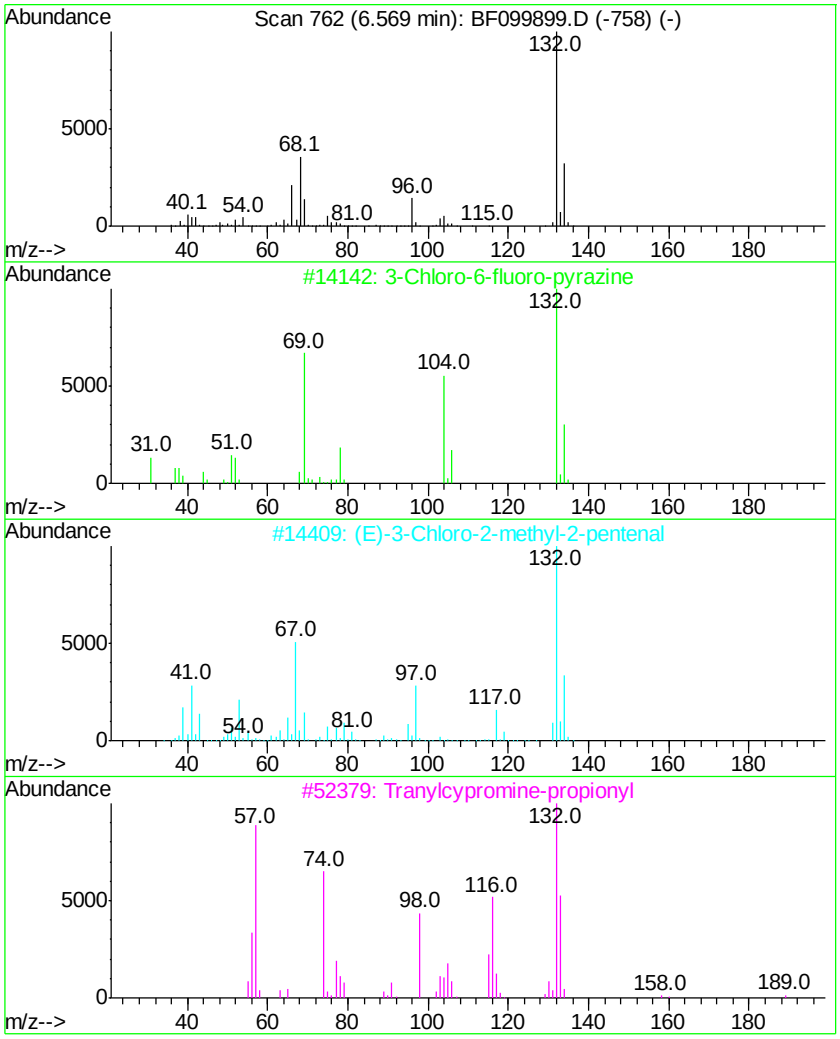
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

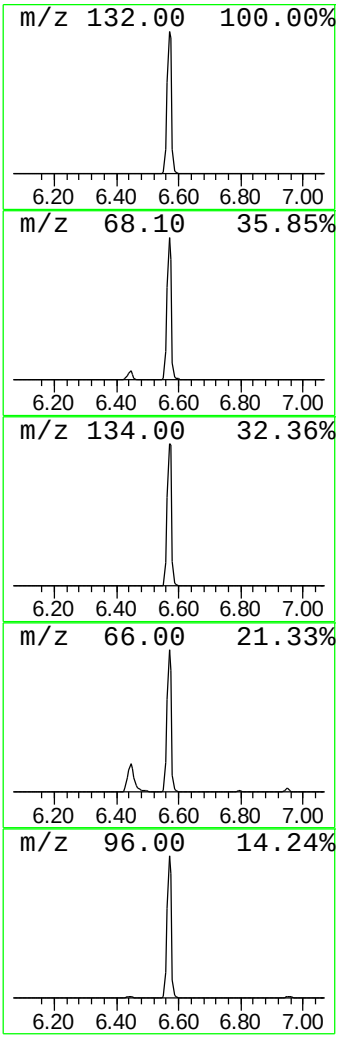
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	85.93 ng	2388880	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
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Sample : I6029-12
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Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

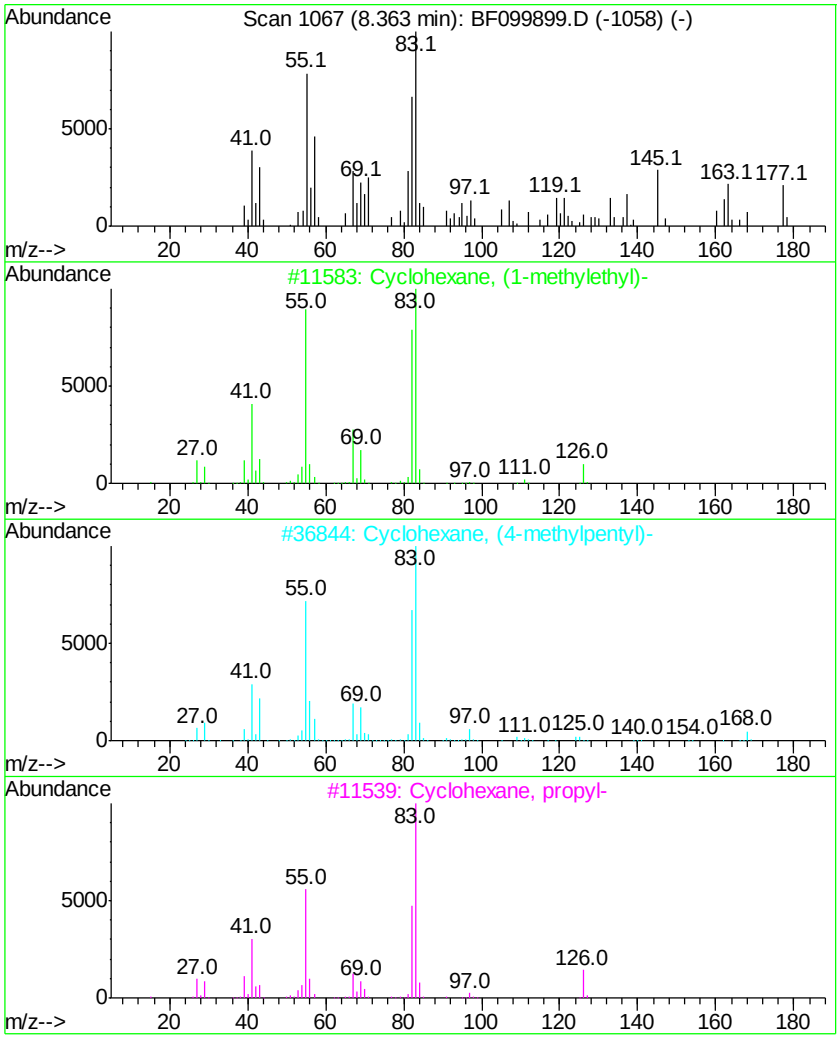
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

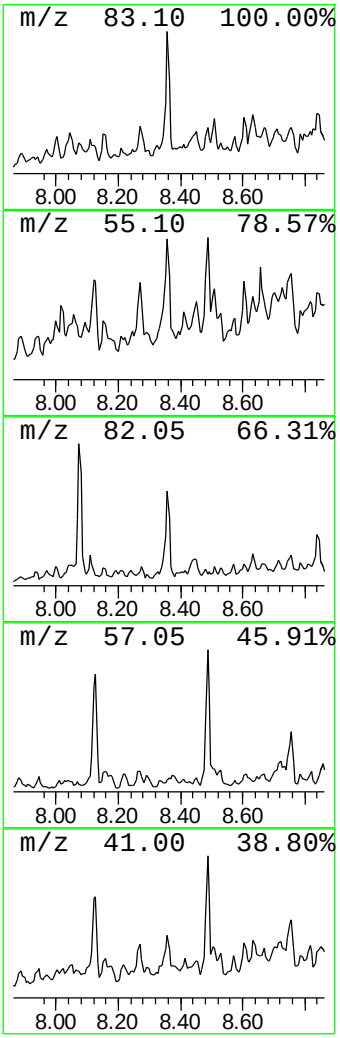
****

Peak Number 4 unknown8.36 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	5.08 ng	202521	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	47
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
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Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

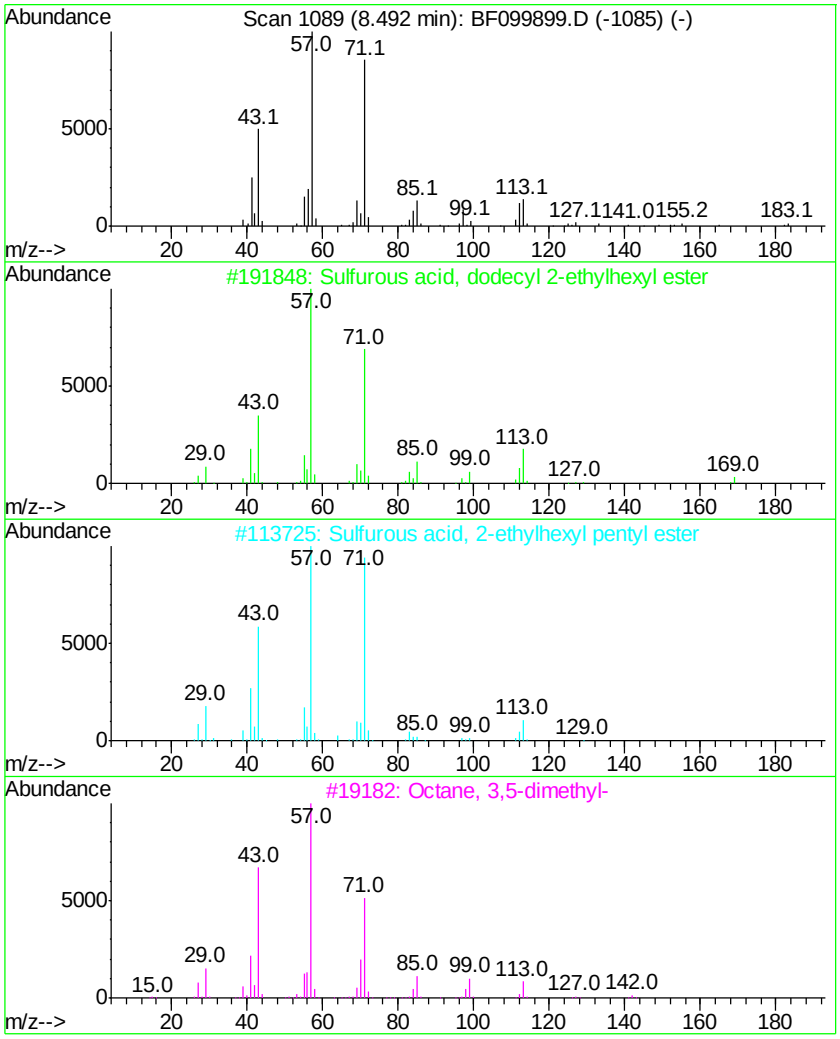
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

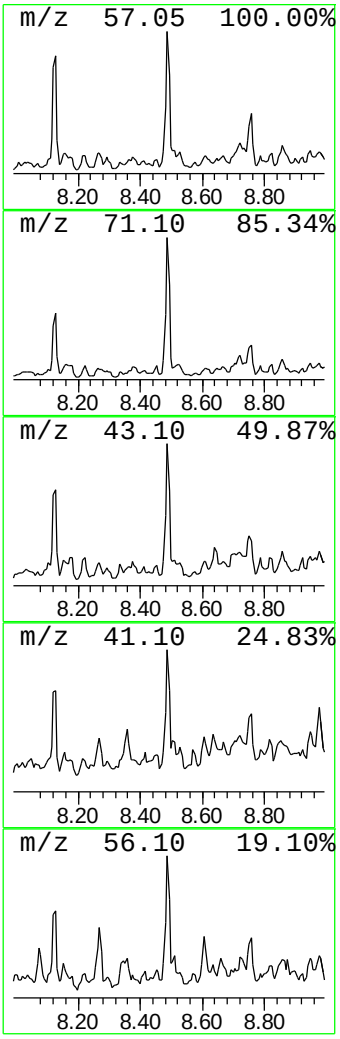
****

Peak Number 5 Sulfurous acid, dodecyl 2-e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	5.43 ng	216409	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
2	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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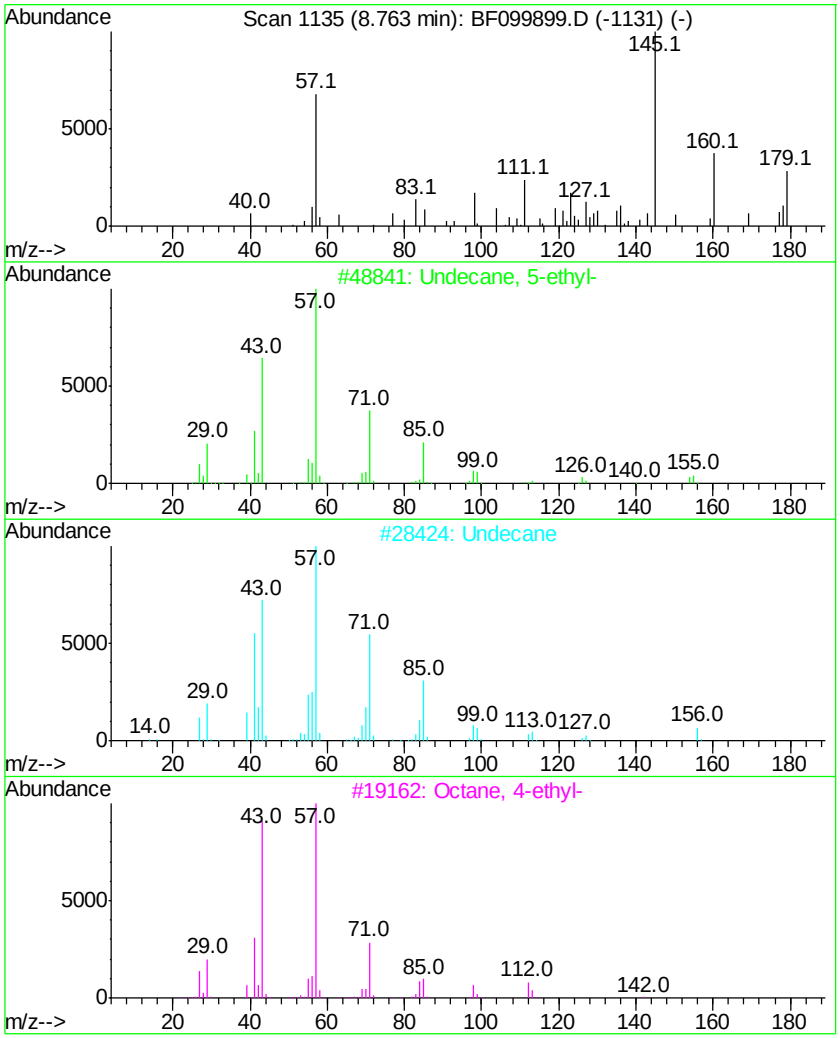
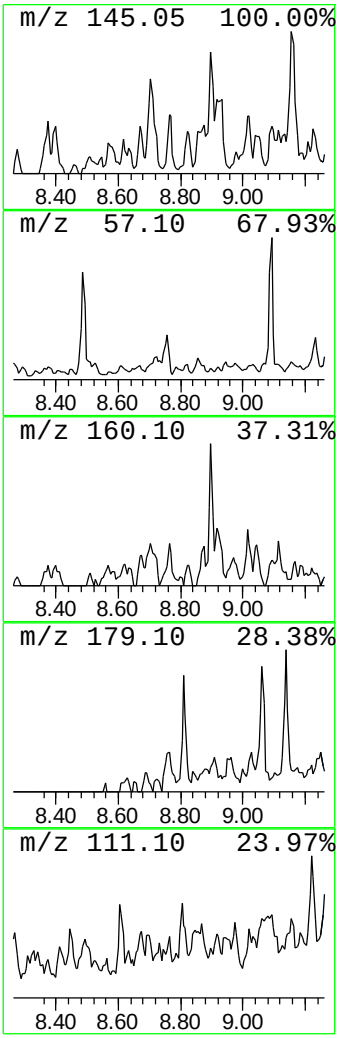
Peak Number 6 Undecane, 5-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	3.28 ng	130652	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	53
2	Undecane	156	C11H24	001120-21-4	50
3	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
4	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	42
5	Hexatriacontane	507	C36H74	000630-06-8	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

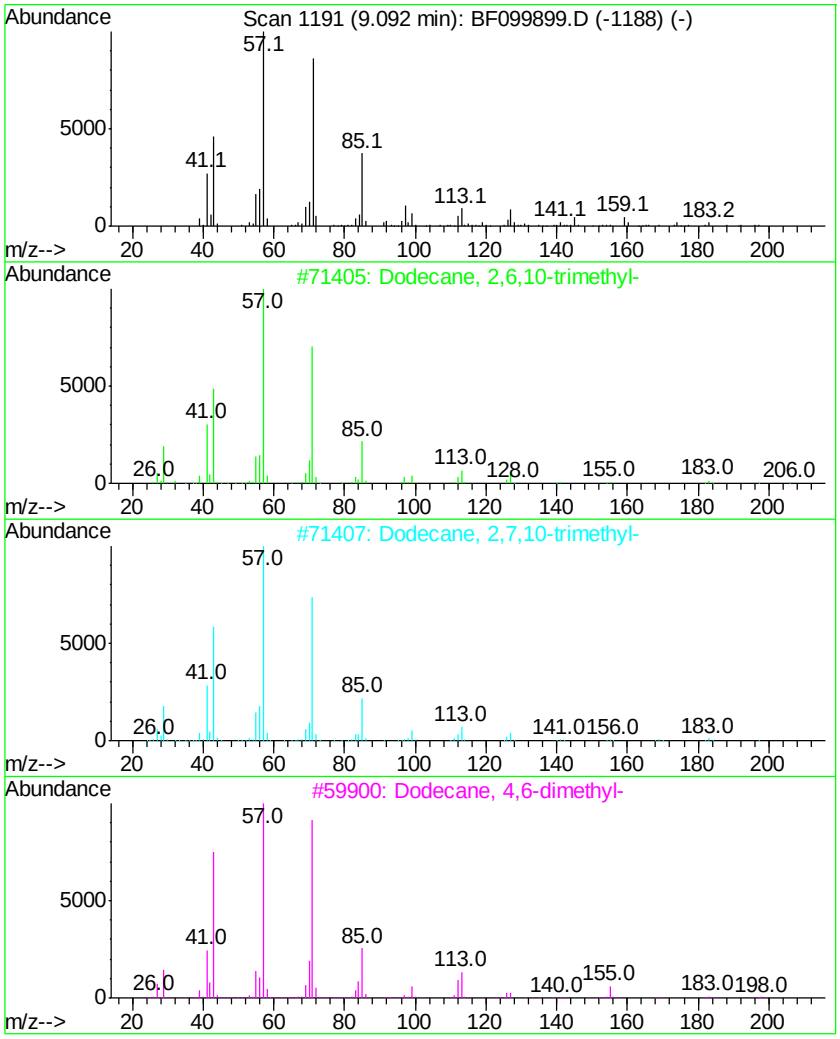
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

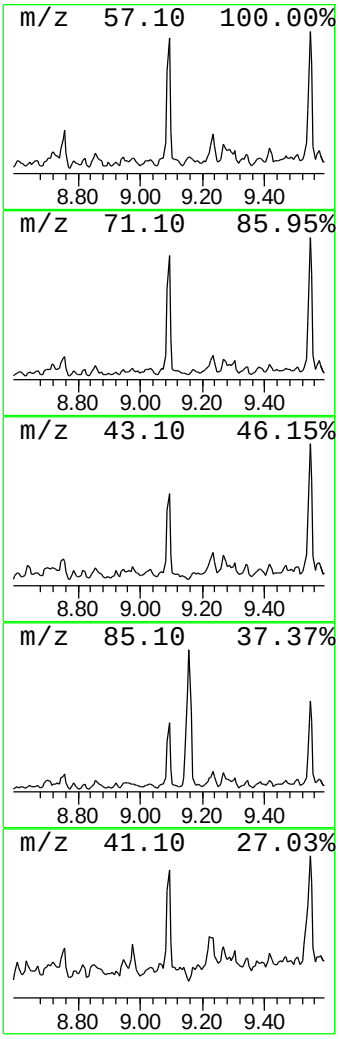
****

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	8.57 ng	304755	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
5	Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	50





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Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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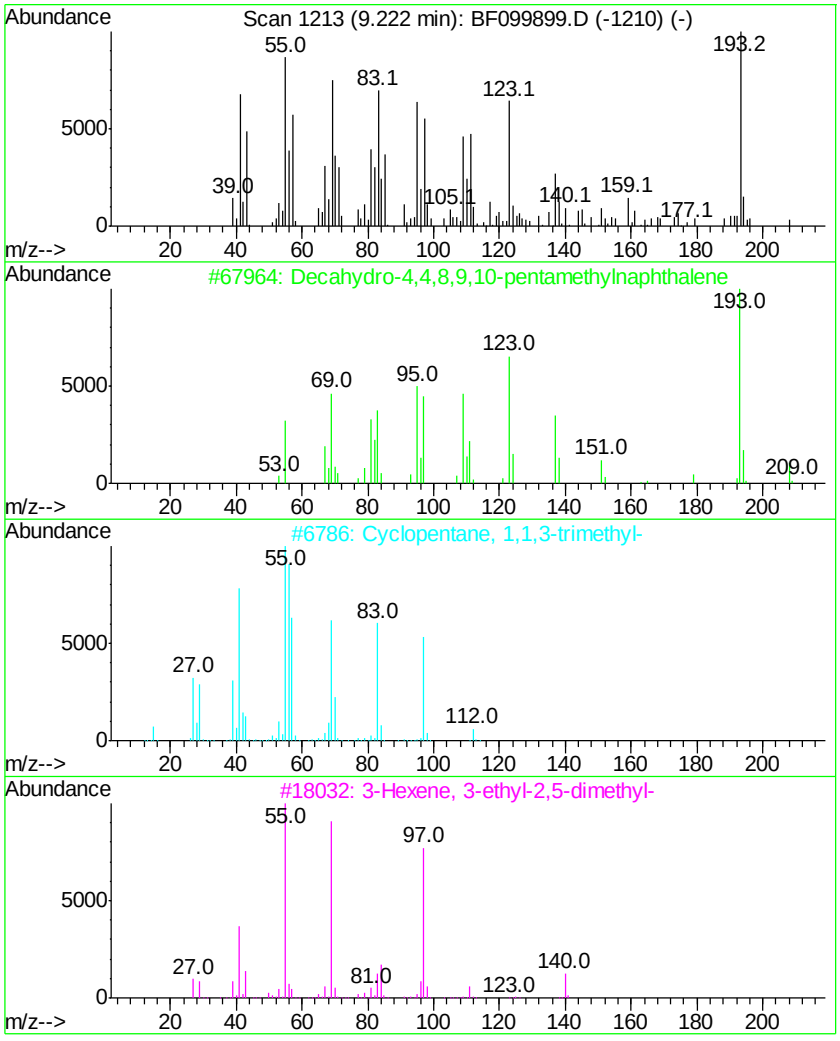
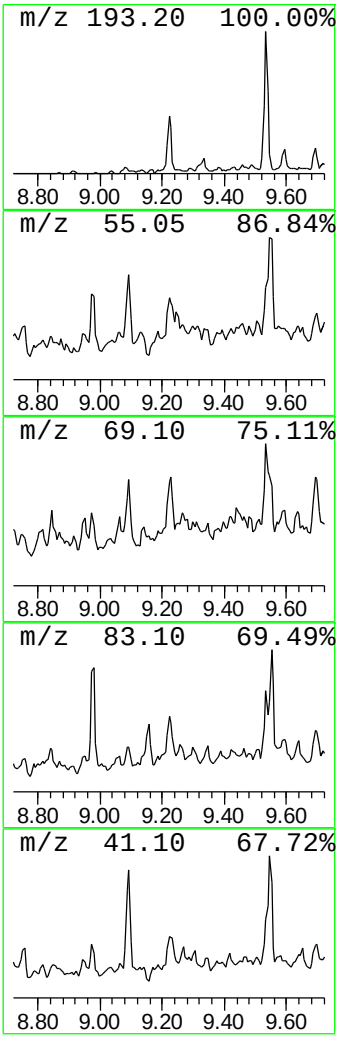
Peak Number 8 Decahydro-4,4,8,9,10-pentam... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	6.32 ng	224924	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	58
2	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	35
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	18
4	Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	18
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	15





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Acq On : 28 Oct 2017 2:26
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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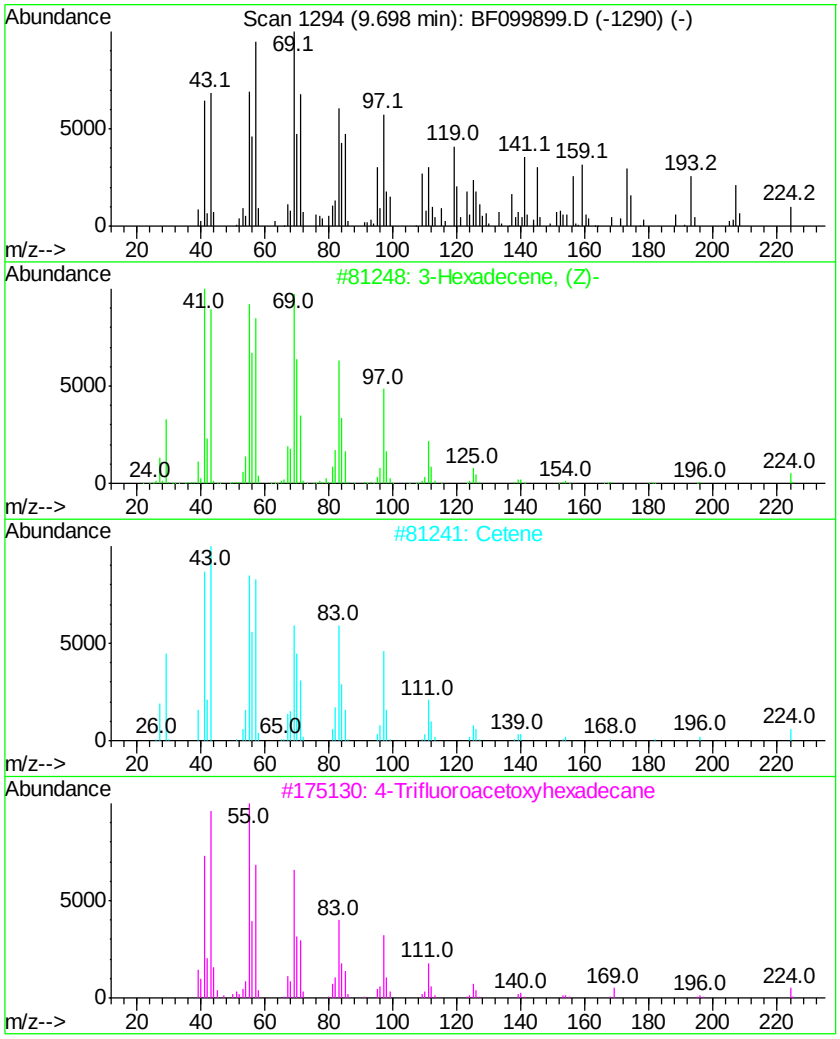
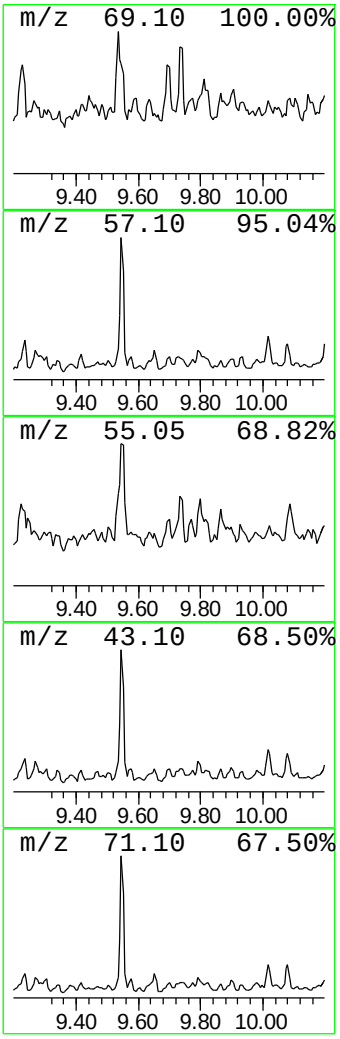
Peak Number 9 3-Hexadecene, (Z)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.63 ng	128931	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	55
2	Cetene	224	C16H32	000629-73-2	35
3	4-Trifluoroacetoxyhexadecane	338	C18H33F3O2	1000215-97-5	30
4	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	25
5	2-Butenamide, N,2,3-trimethyl-	127	C7H13NO	001186-87-4	25





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ClientSampleId : ENV-116-6(15-20)

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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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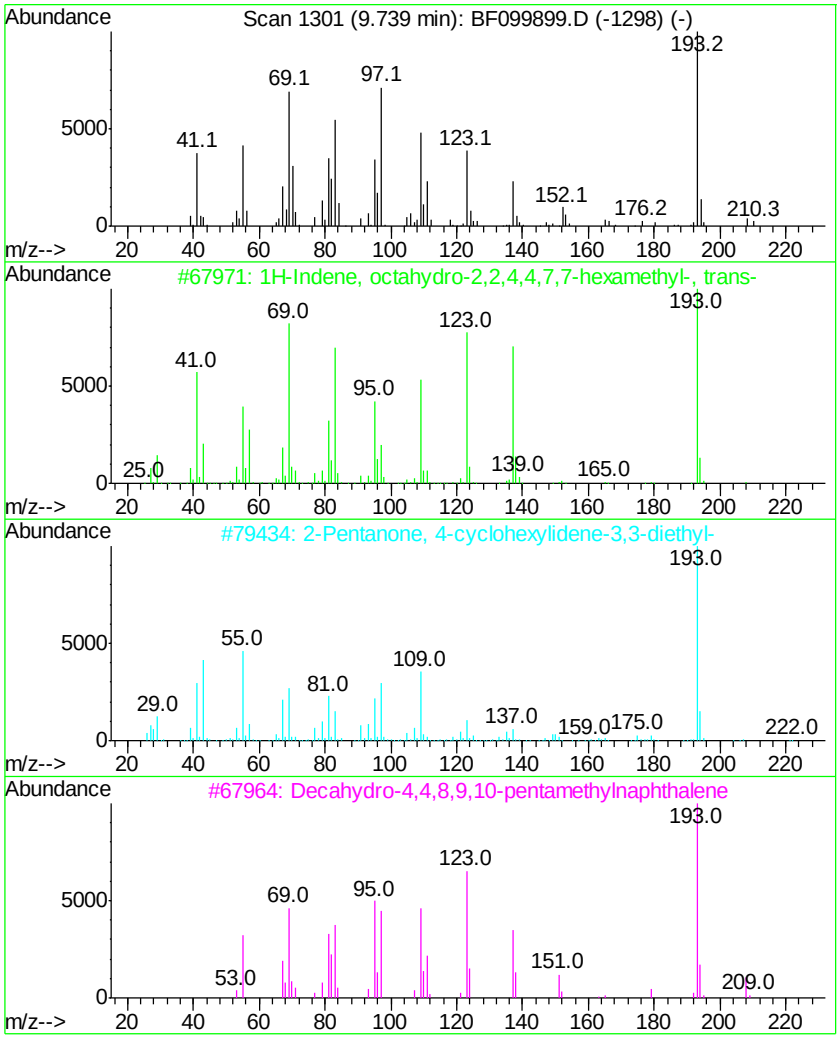
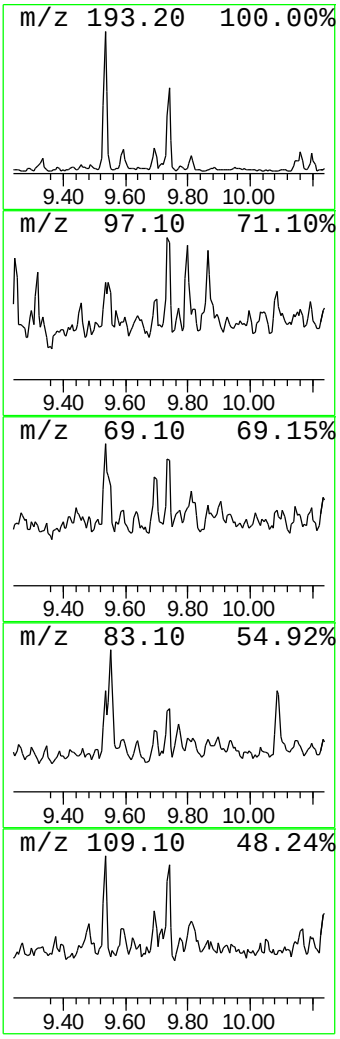
Peak Number 10 unknown9.74 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	3.85 ng	136922	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	40
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	37
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
4	2-Butenamide, N-(4-fluorophenyl)...	193	C11H12FNO	1000307-26-7	35
5	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35





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Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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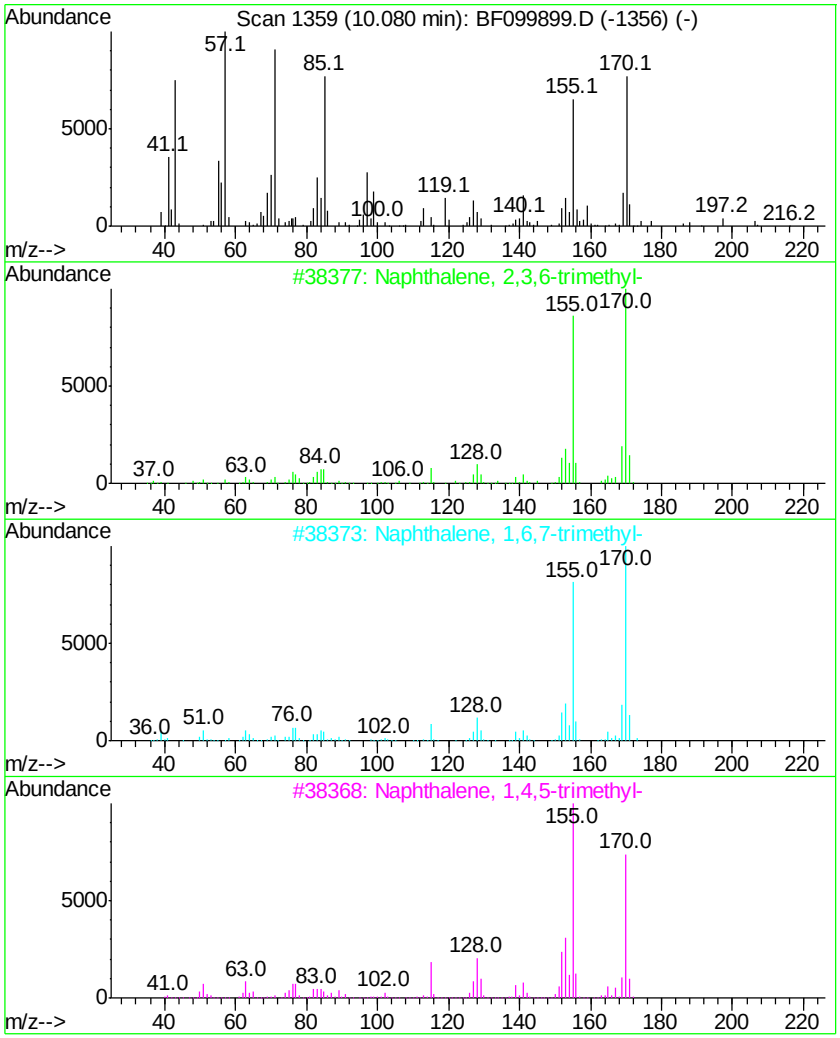
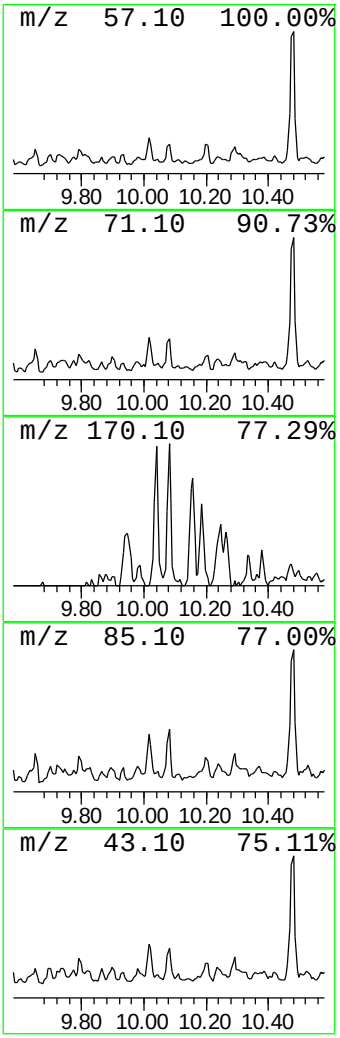
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	6.72 ng	238896	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	46
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	41





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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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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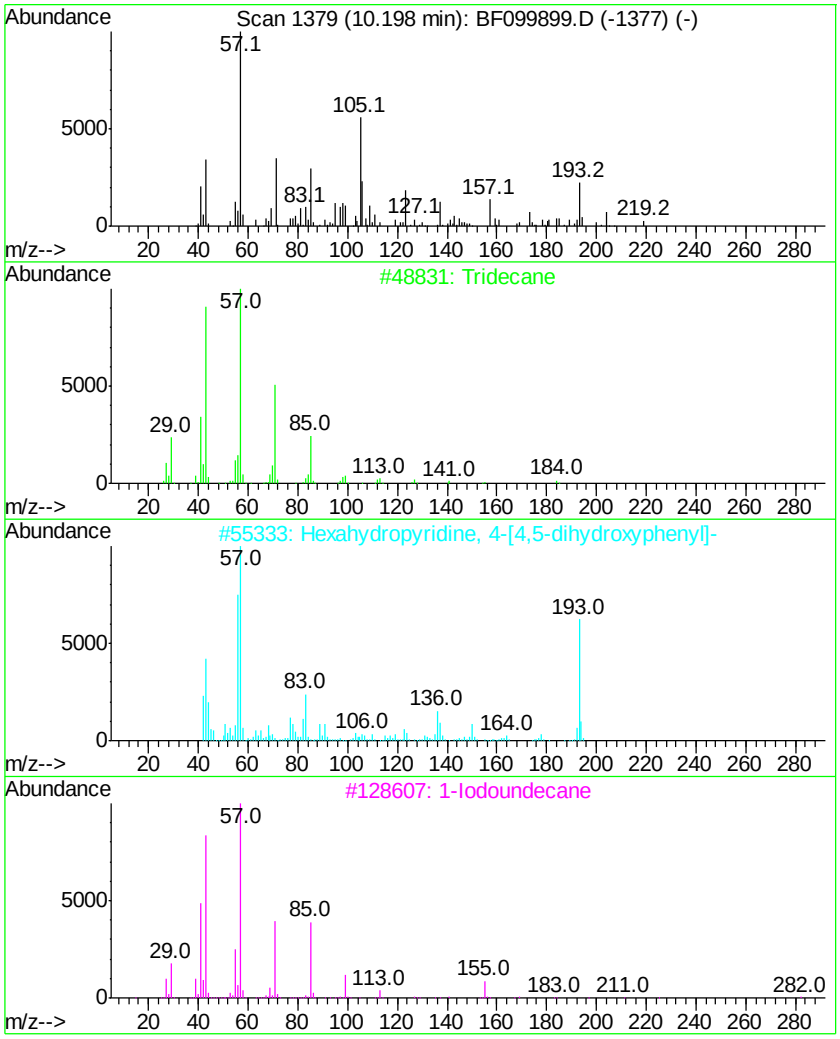
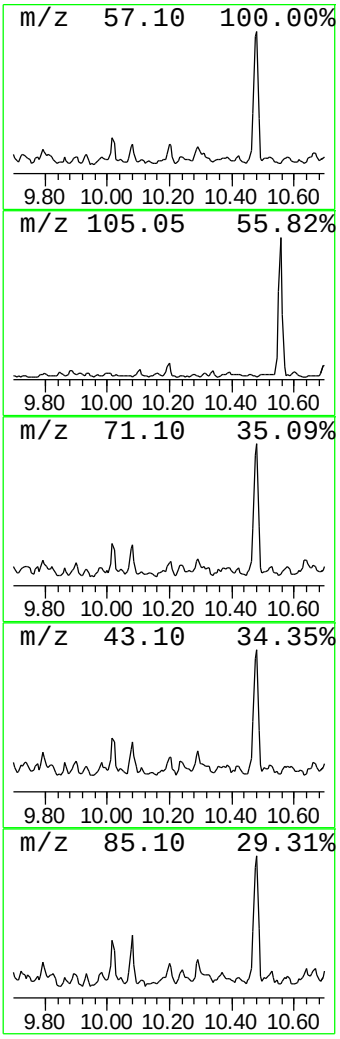
Peak Number 13 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	3.02 ng	107333	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	14
2	Hexahydropyridine, 4-[4,5-dihydr...	193	C11H15NO2	094427-43-7	12
3	1-Iodoundecane	282	C11H23I	004282-44-4	10
4	Undecane	156	C11H24	001120-21-4	10
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	10





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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

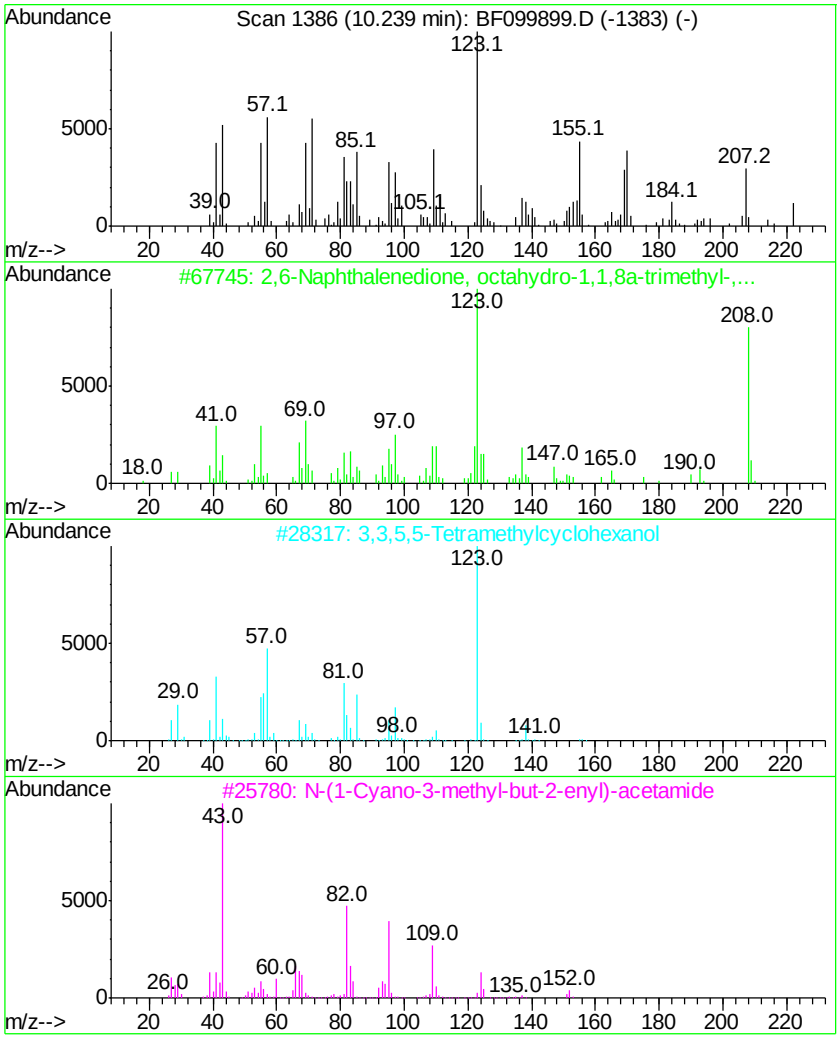
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

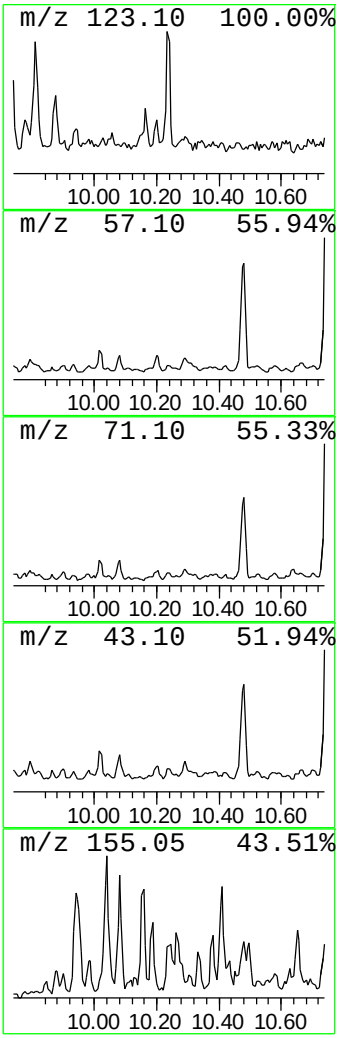
****

Peak Number 14 unknown10.24 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	3.48 ng	123599	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-16-4	25
2	3,3,5,5-Tetramethylcyclohexanol	156	C10H20O	002650-40-0	22
3	N-(1-Cyano-3-methyl-but-2-enyl)-...	152	C8H12N2O	1000192-62-7	15
4	Cyclopentene, 1,2,3,3,4-pentamet...	138	C10H18	197390-29-7	14
5	2-(1,4,4-Trimethyl-cyclohex-2-en...	168	C11H20O	1000190-92-3	14





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Operator : SJ/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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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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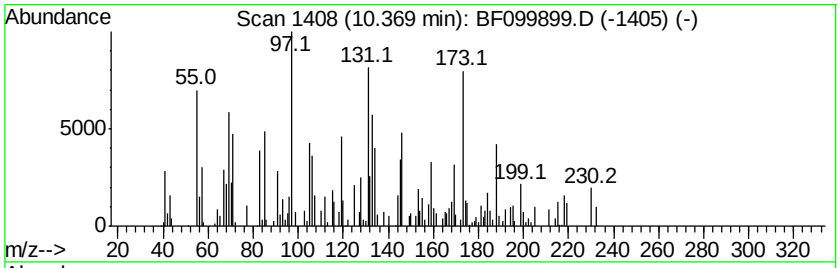
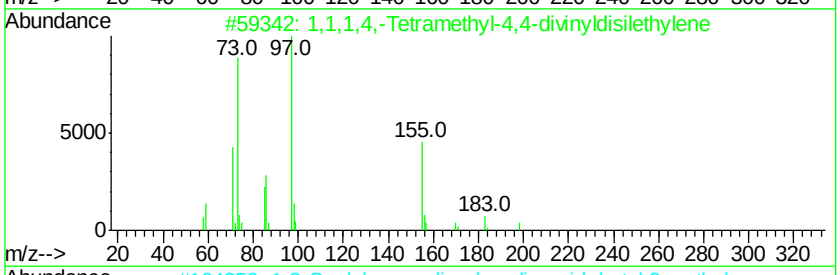
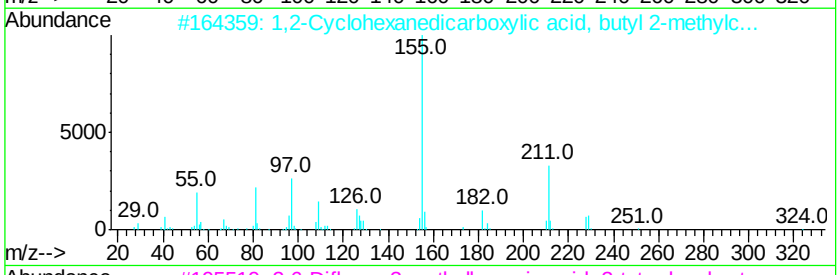
Peak Number 15 unknown10.37 Concentration Rank 16

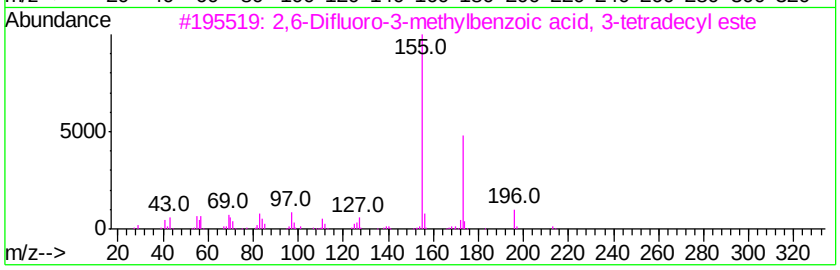
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	3.49 ng	124149	Acenaphthene-d10	9.84

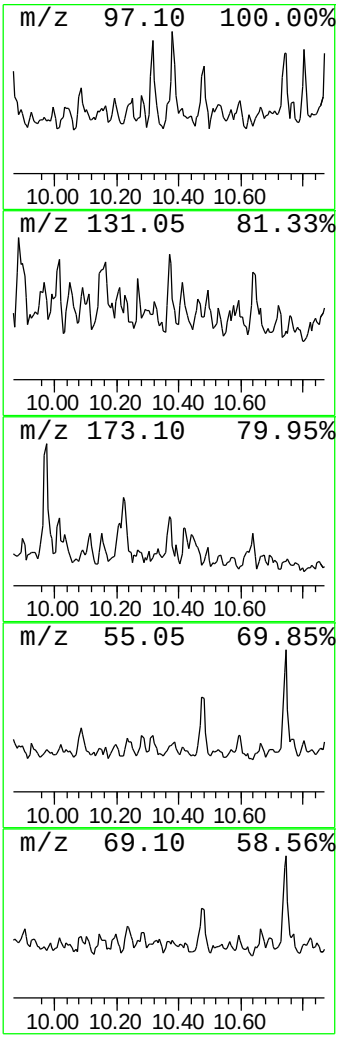
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,4,-Tetramethyl-4,4-divinyl...	198	C10H22Si2	102105-39-5	25
2	1,2-Cyclohexanedicarboxylic acid...	324	C19H32O4	1000339-87-7	16
3	2,6-Difluoro-3-methylbenzoic aci...	368	C22H34F2O2	1000338-58-7	16
4	2,6-Difluoro-3-methylbenzoic aci...	382	C23H36F2O2	1000338-59-3	14
5	2,6-Difluoro-3-methylbenzoic aci...	382	C23H36F2O2	1000338-59-1	12











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Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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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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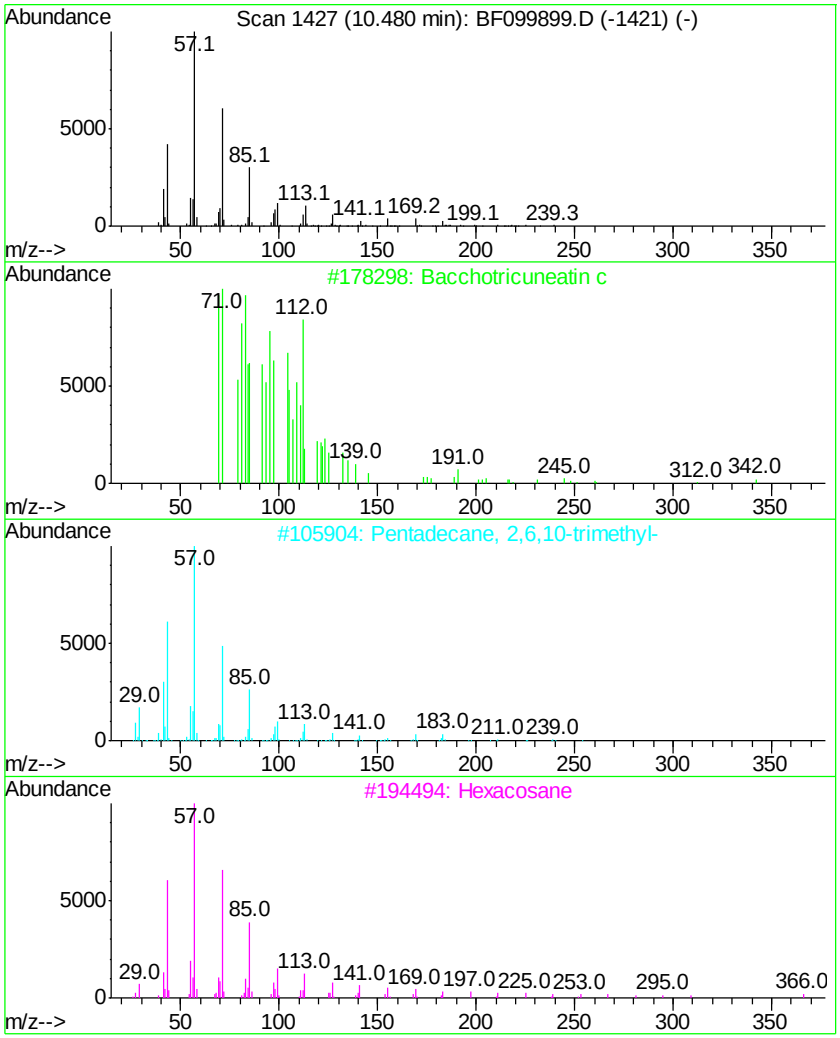
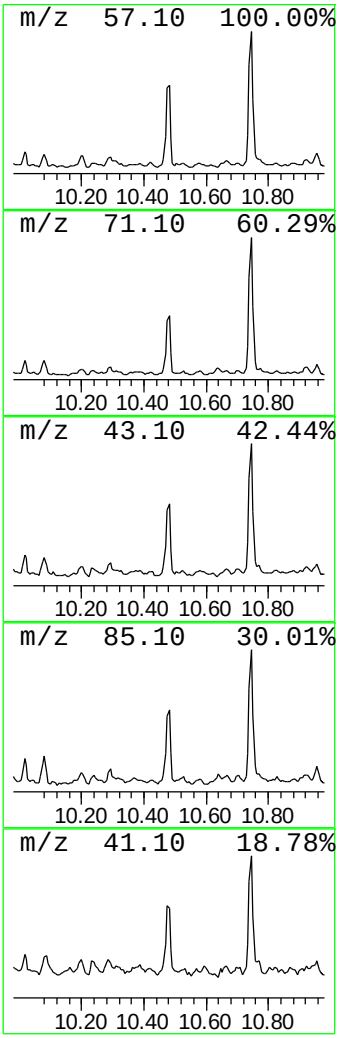
Peak Number 16 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	14.81 ng	526573	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

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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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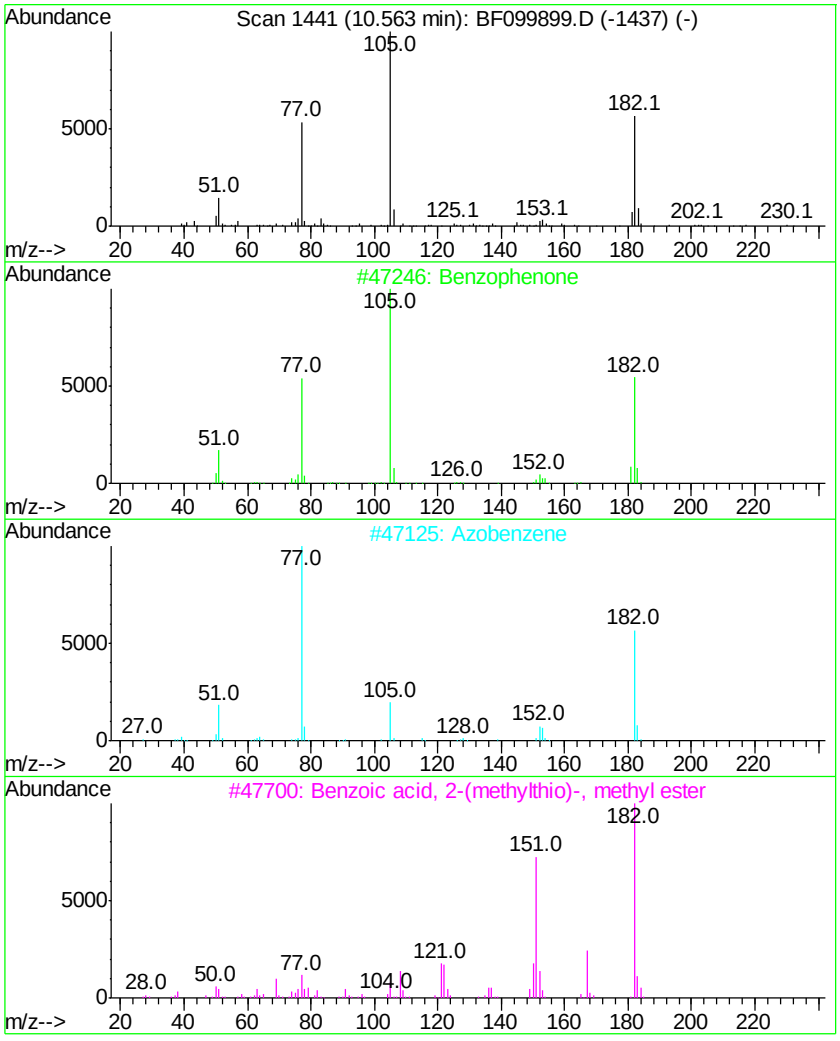
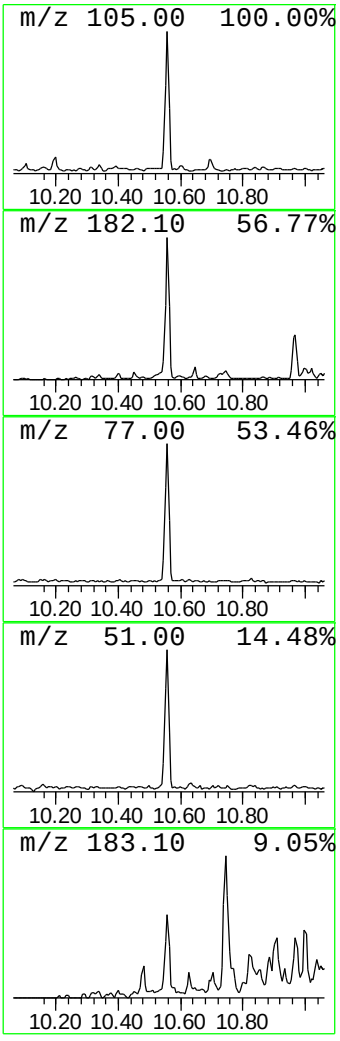
Peak Number 17 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	6.68 ng	237411	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	53
3	Benzoic acid, 2-(methylthio)-, m...	182	C9H10O2S	003704-28-7	52
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43
5	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	43





Library Search Compound Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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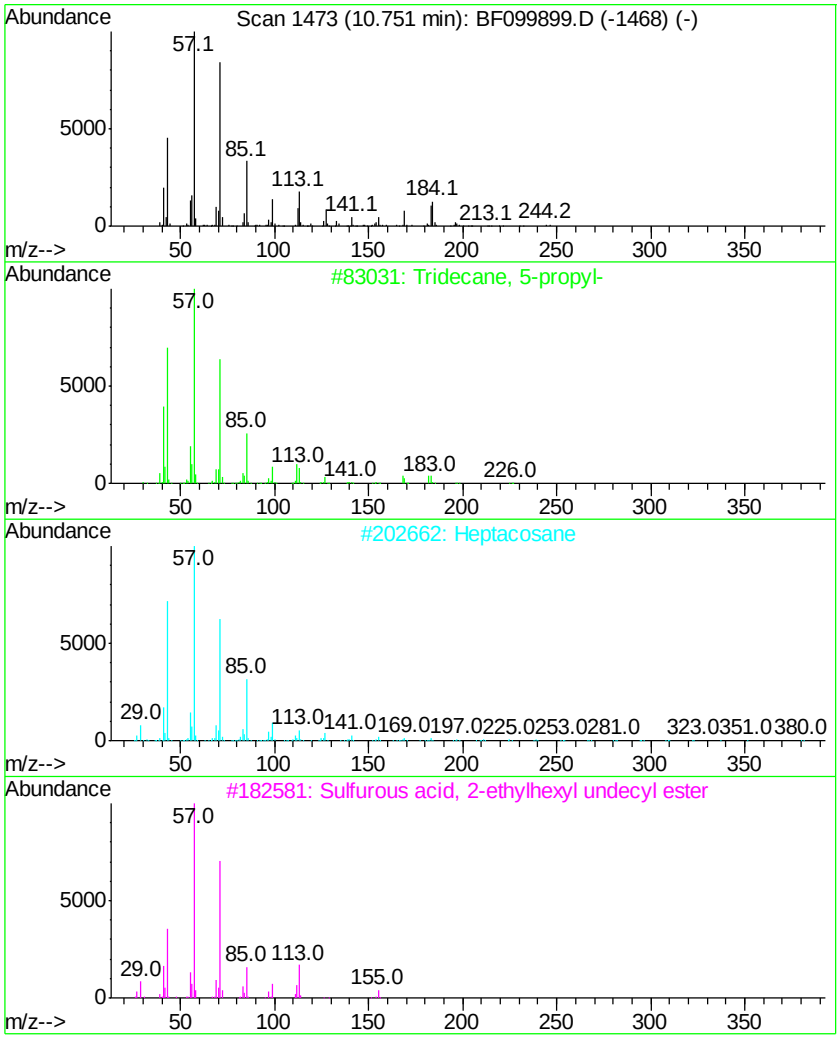
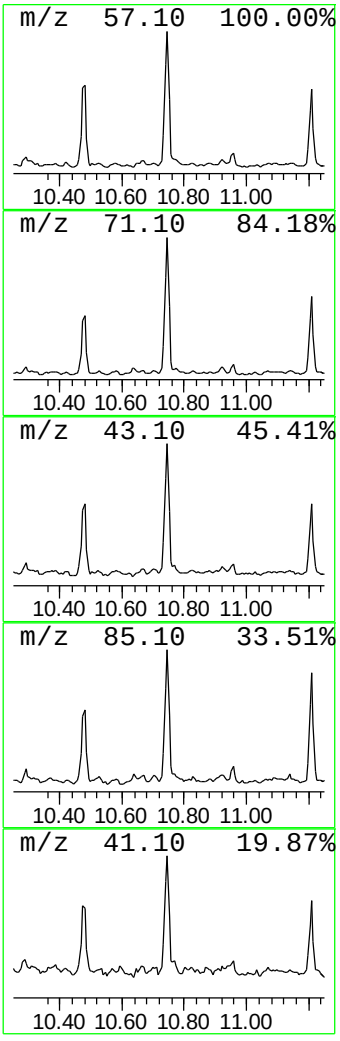
Peak Number 18 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	22.55 ng	853795	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	76





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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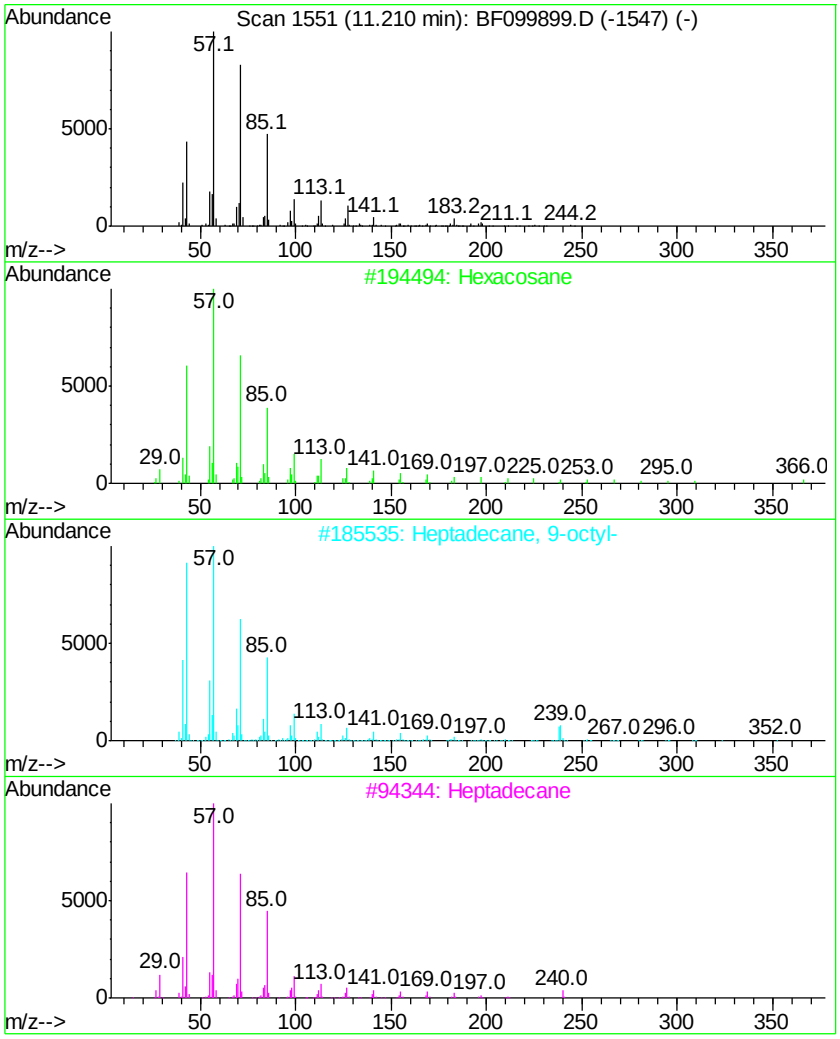
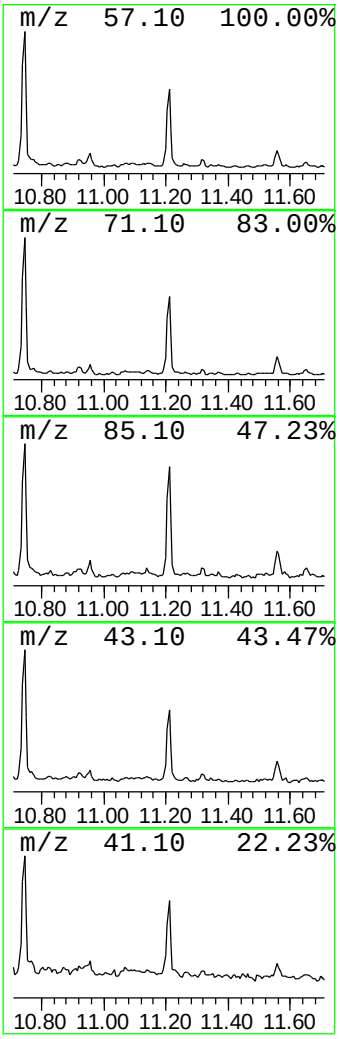
Peak Number 19 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	12.42 ng	470466	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

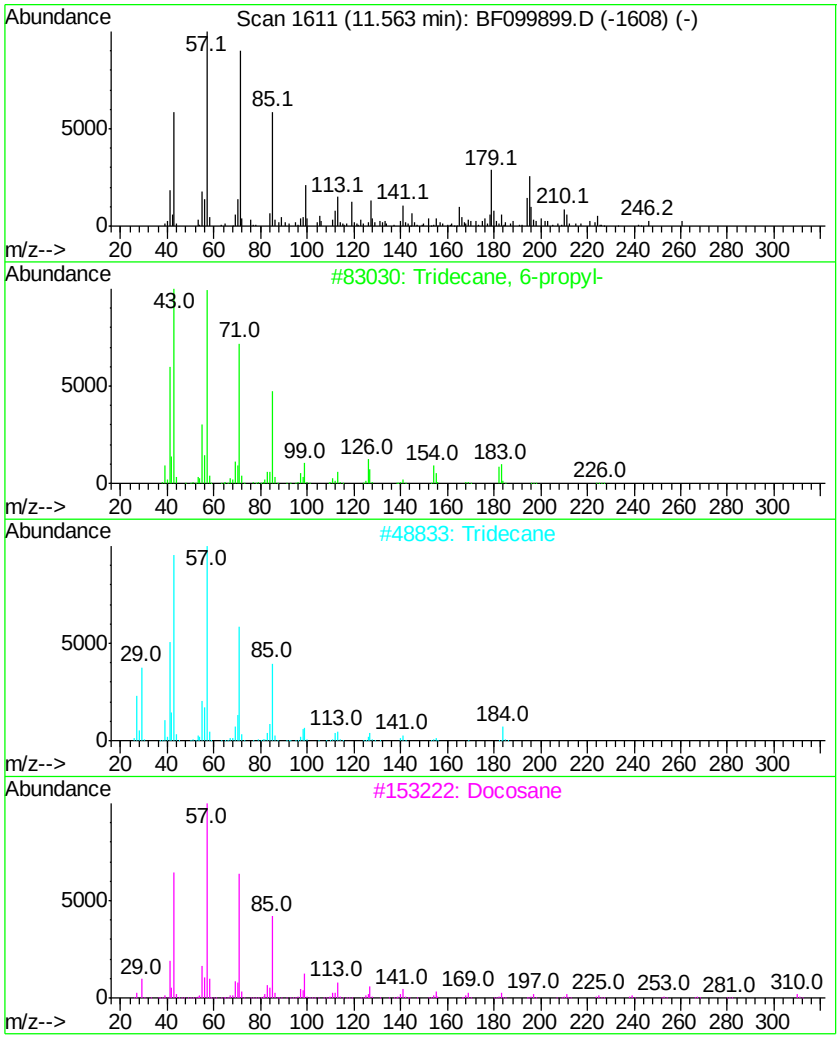
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

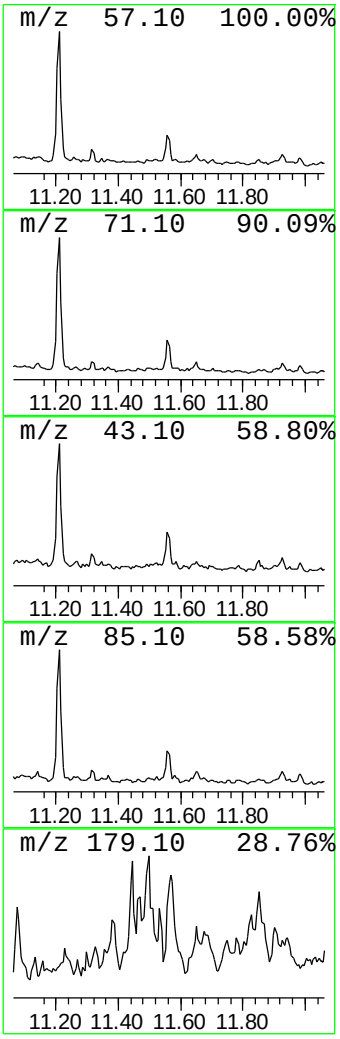
****

Peak Number 20 Tridecane, 6-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	3.33 ng	126038	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
2	Tridecane	184	C13H28	000629-50-5	60
3	Docosane	310	C22H46	000629-97-0	58
4	Hexacosane	366	C26H54	000630-01-3	58
5	Triacontane	422	C30H62	000638-68-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102717\
Data File : BF099899.D
Acq On : 28 Oct 2017 2:26
Operator : SJ/JU
Sample : I6029-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(15-20)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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...	5.02	13.9	ng	387514	1	6.79	555983	20.0
unknown6.57	6.57	85.9	ng	2388880	1	6.79	555983	20.0
unknown8.36	8.36	5.1	ng	202521	2	8.07	797256	20.0
Sulfurous acid, d...	8.49	5.4	ng	216409	2	8.07	797256	20.0
Undecane, 5-ethyl-	8.76	3.3	ng	130652	2	8.07	797256	20.0
Dodecane, 2,6,10-...	9.09	8.6	ng	304755	3	9.84	711300	20.0
Decahydro-4,4,8,9...	9.22	6.3	ng	224924	3	9.84	711300	20.0
3-Hexadecene, (Z)-	9.70	3.6	ng	128931	3	9.84	711300	20.0
unknown9.74	9.74	3.9	ng	136922	3	9.84	711300	20.0
Naphthalene, 2,3,...	10.08	6.7	ng	238896	3	9.84	711300	20.0
Tridecane	10.20	3.0	ng	107333	3	9.84	711300	20.0
unknown10.24	10.24	3.5	ng	123599	3	9.84	711300	20.0
unknown10.37	10.37	3.5	ng	124149	3	9.84	711300	20.0
Bacchotricuneatin c	10.48	14.8	ng	526573	3	9.84	711300	20.0
Benzophenone	10.56	6.7	ng	237411	3	9.84	711300	20.0
Tridecane, 5-propyl-	10.75	22.6	ng	853795	4	11.33	757317	20.0
Hexacosane	11.21	12.4	ng	470466	4	11.33	757317	20.0
Tridecane, 6-propyl-	11.56	3.3	ng	126038	4	11.33	757317	20.0