LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100029.D
Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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	5.010	494	497	515	rBV	154363	265432	13.55%	0.740%
2	5.410	562	565	585	rBV	1447411	1784255	91.10%	4.971%
3	6.304	713	717	726	rBV3	17003	26757	1.37%	0.075%
4	6.433	735	739	751	rBV	1672808	1886410	96.32%	5.256%
5	6.563	757	761	767	rVB	2017223	1863498	95.15%	5.192%
6	6.786	796	799	804	rBV	650639	542236	27.69%	1.511%
7	6.863	809	812	814	rBV2	20409	26021	1.33%	0.072%
8	6.939	822	825	833	rVB	1515034	1423303	72.67%	3.965%
9	6.998	833	835	838	rVB2	25174	24706	1.26%	0.069%
10	7.039	838	842	847	rVB5	46670	65860	3.36%	0.183%
11	7.122	851	856	858	rBV4	26108	34490	1.76%	0.096%
12	7.169	860	864	866	rBV3	59957	54625	2.79%	0.152%
13	7.198	866	869	874	rVB4	39360	53914	2.75%	0.150%
14	7.245	875	877	881	rBV4	25073	29657	1.51%	0.083%
15	7.298	881	886	887	rBV3	60947	70680	3.61%	0.197%
16	7.357	892	896	902	rBV	1117092	1142205	58.32%	3.182%
17	7.404	902	904	905	rBV	69225	58095	2.97%	0.162%
18	7.475	909	916	921	rBV4	76821	183086	9.35%	0.510%
19	7.528	921	925	927	rVB4	37397	42001	2.14%	0.117%
20	7.551	927	929	932	rBV	120444	106485	5.44%	0.297%
21	7.580	932	934	937	rVB	127200	102850	5.25%	0.287%
22	7.651	944	946	949	rBV2	46630	48823	2.49%	0.136%
23	7.698	951	954	956	rVV	203701	155594	7.94%	0.434%
24	7.769	963	966	969	rVB3	40221	48697	2.49%	0.136%
25	7.816	969	974	976	rBV2	85750	117837	6.02%	0.328%
26	7.880	981	985	990	rBV4	81776	115434	5.89%	0.322%
27	7.933	990	994	997	rBV3	170622	193536	9.88%	0.539%
28	7.963	997	999	1002	rBV4	69842	60928	3.11%	0.170%
29	8.010	1002	1007	1010	rBV4	74461	143769	7.34%	0.401%
30	8.039	1010	1012	1014	rVV2	90130	91354	4.66%	0.255%
31	8.069	1014	1017	1022	rVV	811945	814268	41.57%	2.269%
32	8.116	1022	1025	1028	rVB	532292	487082	24.87%	1.357%
33	8.145	1028	1030	1038	rVB8	138433	257625	13.15%	0.718%
34	8.216	1038	1042	1044	rBV3	98291	139188	7.11%	0.388%

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Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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	8.239	1044	1046	1047	rBV2	45516	40858	2.09%	0.114%
36	8.263	1047	1050	1052	rVB2	202405	175968	8.98%	0.490%
37	8.286	1052	1054	1057	rVB3	75331	64503	3.29%	0.180%
38	8.351	1057	1065	1069	rBV7	273194	505053	25.79%	1.407%
39	8.404	1071	1074	1078	rVB4	101790	99937	5.10%	0.278%
40	8.439	1078	1080	1083	rVB3	100435	95909	4.90%	0.267%
41	8.480	1083	1087	1089	rBV	824238	714718	36.49%	1.991%
42	8.498	1089	1090	1092	rVB2	115999	79913	4.08%	0.223%
43	8.563	1099	1101	1104	rBV2	120049	128335	6.55%	0.358%
44	8.598	1104	1107	1110	rBV4	200821	223967	11.44%	0.624%
45	8.627	1110	1112	1114	rBV2	90933	92788	4.74%	0.259%
46	8.686	1120	1122	1124	rBV3	94486	74689	3.81%	0.208%
47	8.710	1124	1126	1129	rVV4	142493	139860	7.14%	0.390%
48	8.745	1129	1132	1135	rVB2	301509	314413	16.05%	0.876%
49	8.810	1140	1143	1145	rVB4	157132	145969	7.45%	0.407%
50	8.833	1145	1147	1151	rBV4	156186	262174	13.39%	0.730%
51	8.886	1154	1156	1158	rBV2	151666	121990	6.23%	0.340%
52	8.933	1162	1164	1167	rBV4	131887	137975	7.04%	0.384%
53	8.969	1167	1170	1174	rVB4	160802	161903	8.27%	0.451%
54	9.010	1175	1177	1181	rBV4	95560	158487	8.09%	0.442%
55	9.051	1182	1184	1186	rVB3	139152	110970	5.67%	0.309%
56	9.080	1186	1189	1192	rBV	1081814	911741	46.55%	2.540%
57	9.145	1196	1200	1204	rVB	2041204	1832047	93.54%	5.104%
58	9.210	1207	1211	1217	rBV3	705954	1004806	51.30%	2.800%
59	9.257	1217	1219	1221	rBV2	213992	199833	10.20%	0.557%
60	9.404	1242	1244	1247	rBV3	98738	108562	5.54%	0.302%
61	9.539	1262	1267	1270	rBV3	1416109	1709765	87.30%	4.764%
62	9.686	1286	1292	1294	rBV4	356958	534309	27.28%	1.489%
63	9.727	1296	1299	1302	rVB2	462749	448560	22.90%	1.250%
64	9.827	1314	1316	1319	rVB	682935	518105	26.45%	1.443%
65	10.004	1344	1346	1354	rVB4	264161	380831	19.44%	1.061%
66	10.069	1354	1357	1366	rVB4	417072	518160	26.46%	1.444%
67	10.145	1366	1370	1374	rBV3	336208	454337	23.20%	1.266%
68	10.186	1374	1377	1381	rVB3	244107	249637	12.75%	0.696%
69	10.227	1381	1384	1387	rBV3	293418	306092	15.63%	0.853%
70	10.469	1419	1425	1431	rVB2	811216	1128929	57.64%	3.145%
71	10.521	1431	1434	1436	rBV2	140367	157220	8.03%	0.438%

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
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72	10.545	1436	1438	1441	rVB	241104	177345	9.05%	0.494%
73	10.627	1448	1452	1455	rBV2	997147	1044987	53.35%	2.911%
74	10.733	1466	1470	1478	rVB	1717768	1958580	100.00%	5.457%
75	10.792	1478	1480	1481	rBV2	99768	80050	4.09%	0.223%
76	10.816	1482	1484	1487	rVV	178264	153178	7.82%	0.427%
77	10.957	1506	1508	1512	rVB3	171996	143733	7.34%	0.400%
78	11.198	1545	1549	1552	rBV	886308	880579	44.96%	2.453%
79	11.327	1567	1571	1573	rBV	698950	663917	33.90%	1.850%
80	11.433	1587	1589	1592	rBV	114320	83768	4.28%	0.233%
81	11.551	1606	1609	1612	rBV3	274988	276303	14.11%	0.770%
82	12.380	1747	1750	1752	rBV	131665	125875	6.43%	0.351%
83	12.492	1767	1769	1774	rVB2	110213	116105	5.93%	0.323%
84	12.545	1775	1778	1782	rVB	180949	165715	8.46%	0.462%
85	12.780	1815	1818	1822	rVB2	150893	191430	9.77%	0.533%
86	12.821	1823	1825	1831	rVB	90980	105433	5.38%	0.294%
87	12.874	1832	1834	1836	rBV2	48615	37184	1.90%	0.104%
88	12.910	1836	1840	1843	rVB	1641119	1512900	77.24%	4.215%
89	13.792	1987	1990	1995	rVB5	45769	62365	3.18%	0.174%
90	13.980	2017	2022	2025	rBV	578443	607075	31.00%	1.691%
91	15.045	2198	2203	2213	rBV2	46712	97164	4.96%	0.271%
92	15.345	2251	2254	2260	rVB	23006	29728	1.52%	0.083%
93	15.415	2262	2266	2270	rVV2	37723	49703	2.54%	0.138%
94	15.462	2270	2274	2285	rVB	370297	474671	24.24%	1.322%
95	16.980	2527	2532	2538	rBV4	12802	25407	1.30%	0.071%
96	17.450	2606	2612	2617	rBV3	11251	28090	1.43%	0.078%
97	17.580	2628	2634	2643	rBV10	10595	27012	1.38%	0.075%

Sum of corrected areas: 35892311

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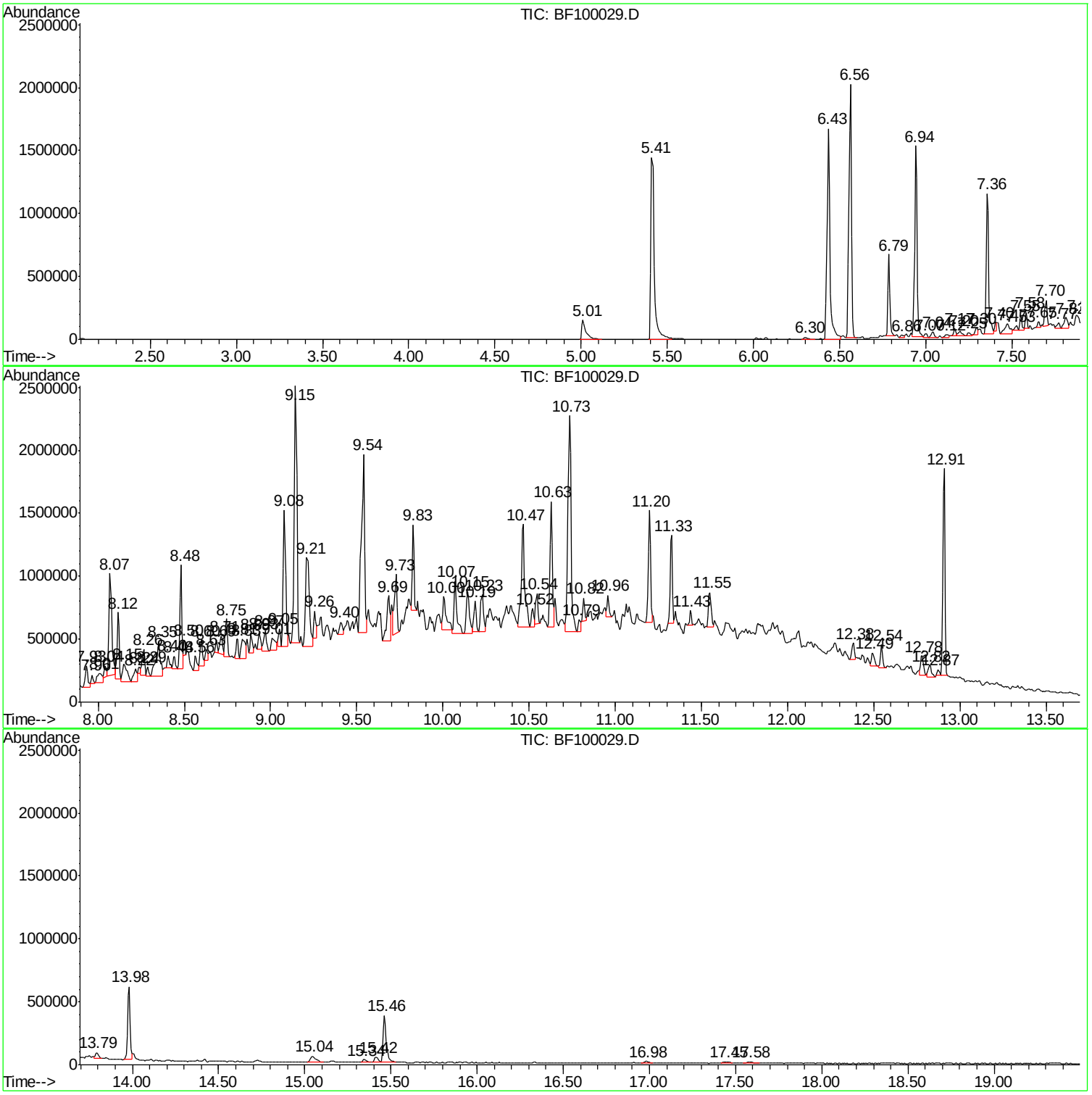
Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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Sample : I6201-01
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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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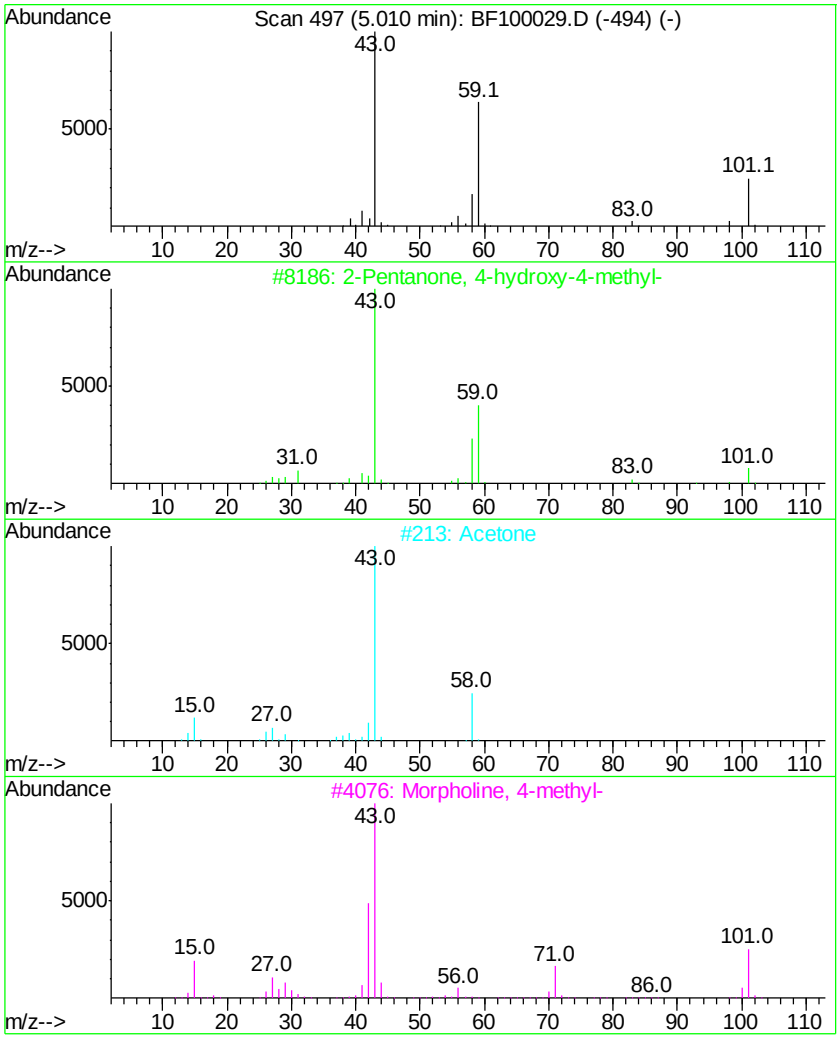
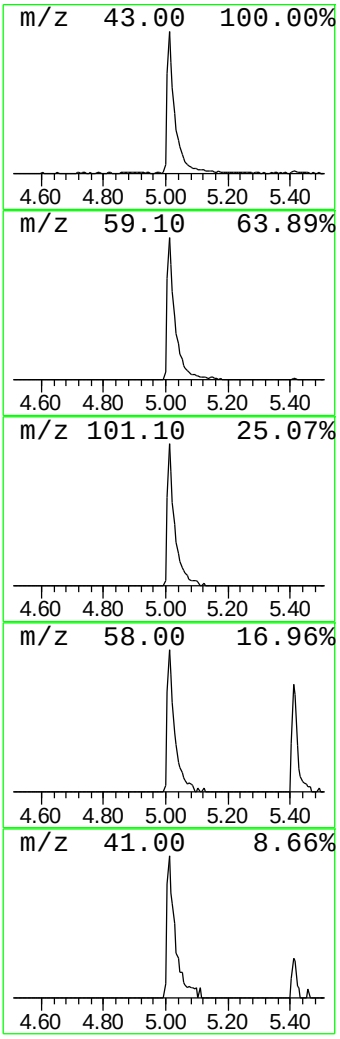
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	9.79 ng	265432	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	50
2	Acetone	58	C3H6O	000067-64-1	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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
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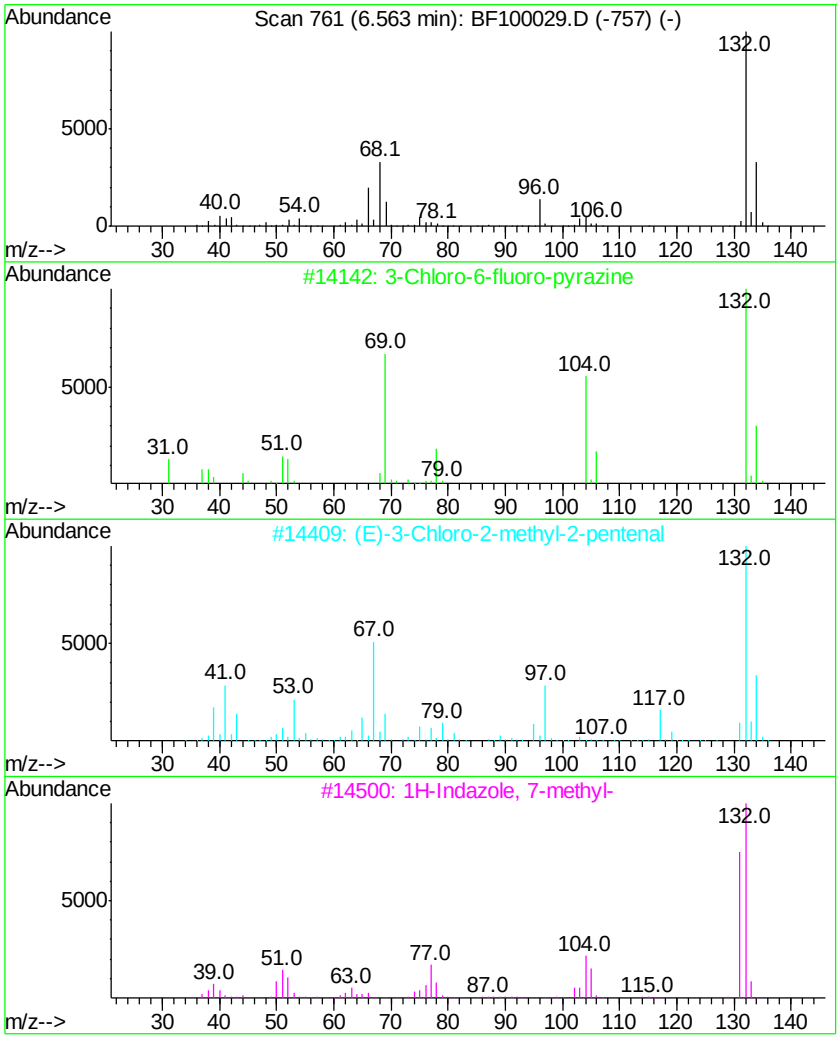
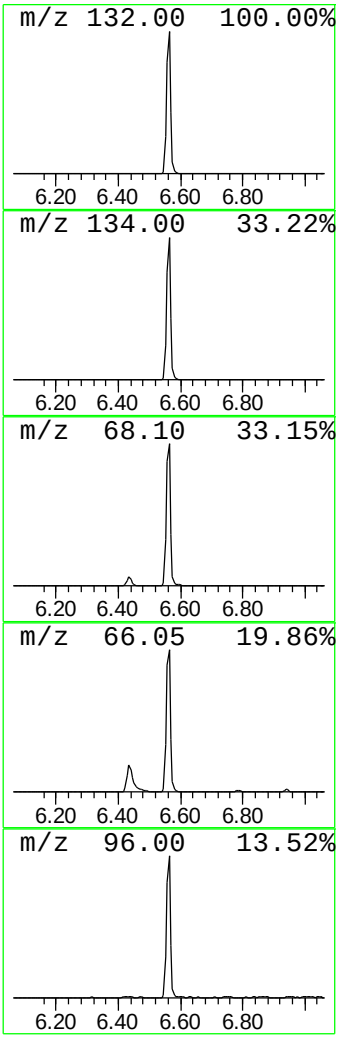
****

Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	68.73 ng	1863500	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	17
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
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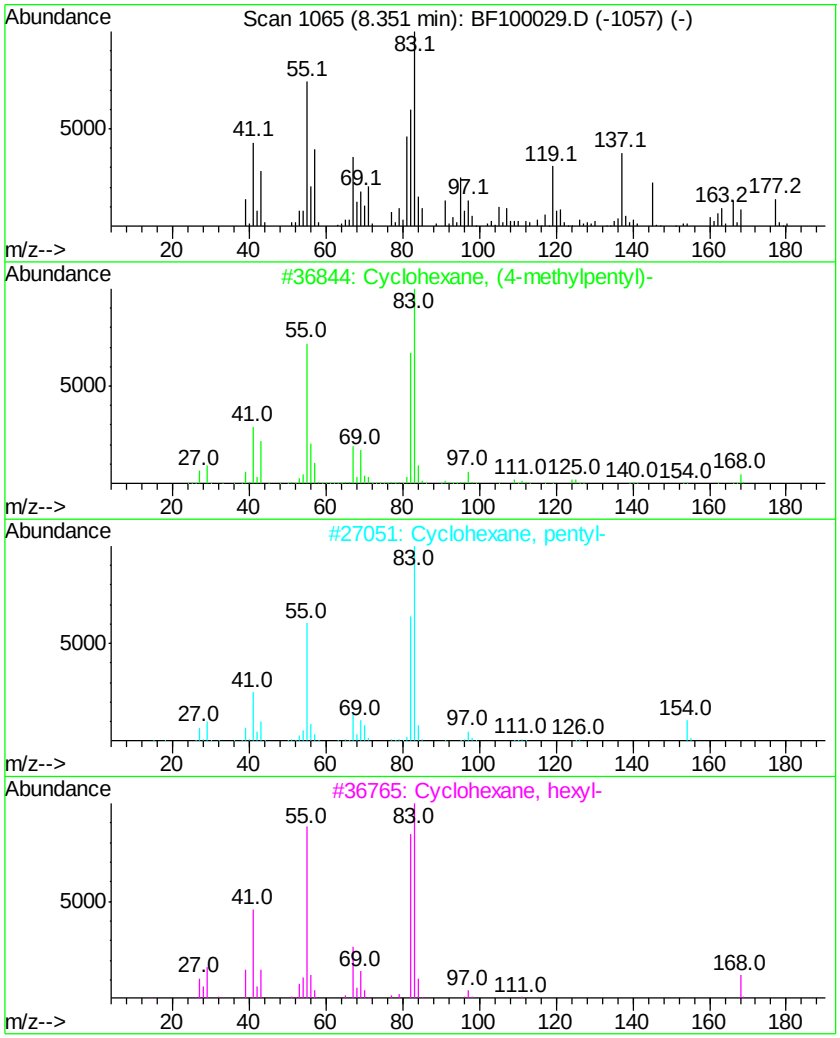
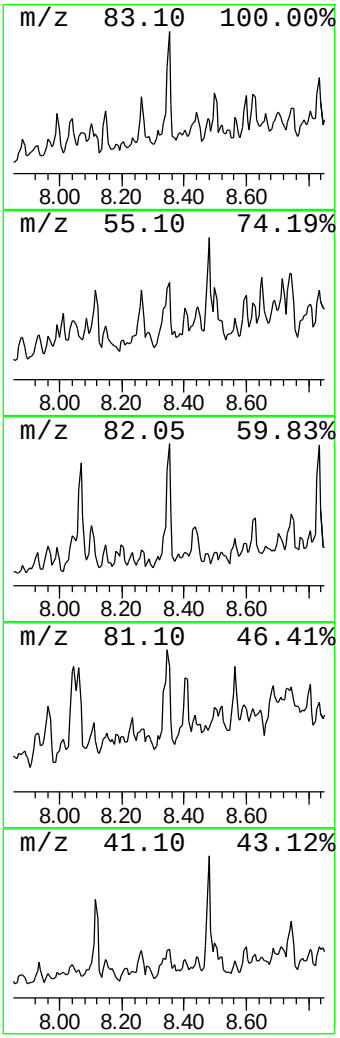
Peak Number 4 unknown8.35 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	12.41 ng	505053	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	38
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	38





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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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

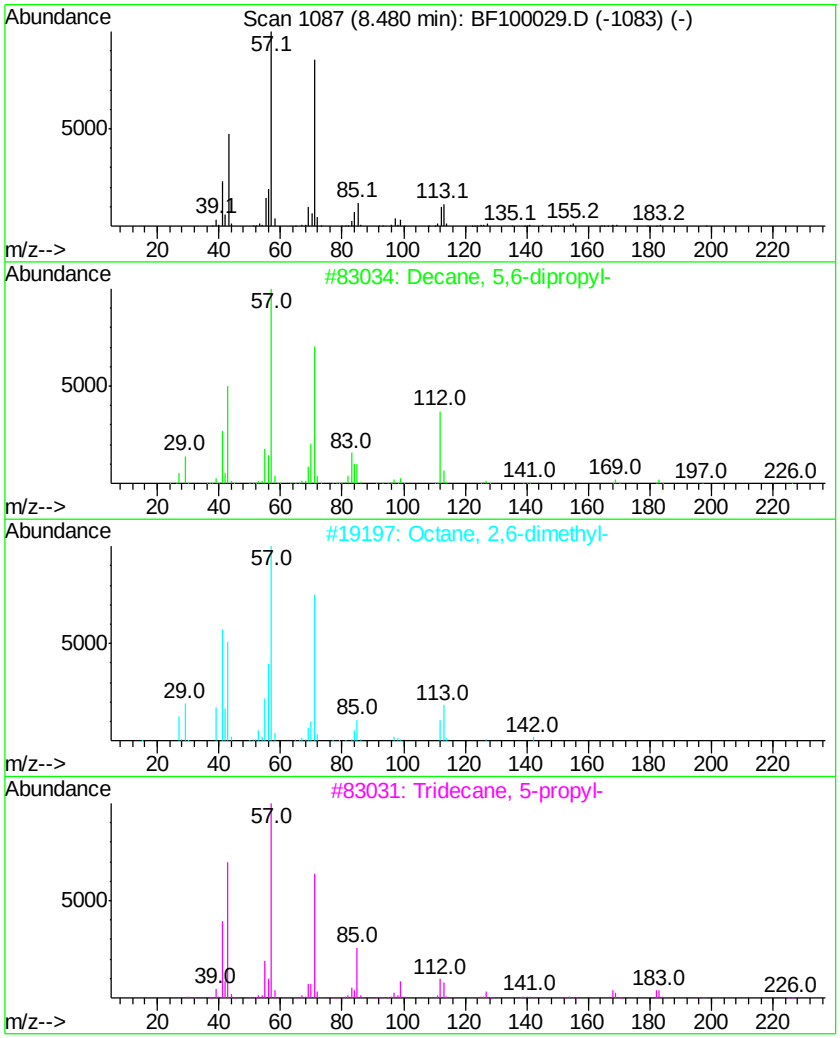
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

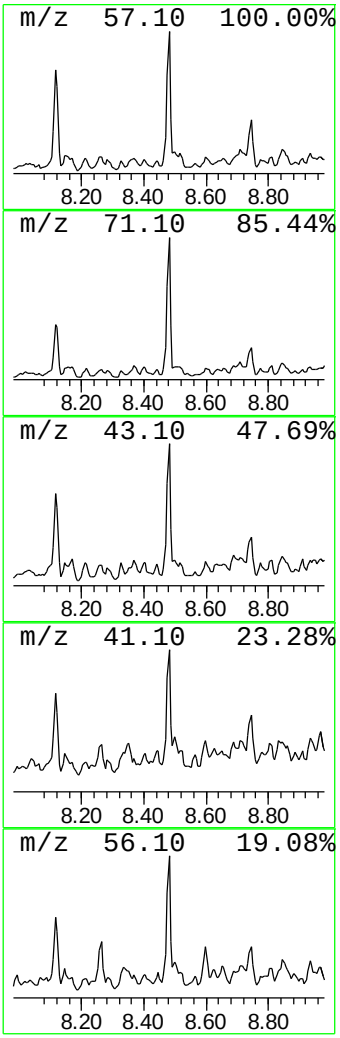
****

Peak Number 5 Decane, 5,6-dipropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	17.55 ng	714718	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	72





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Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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

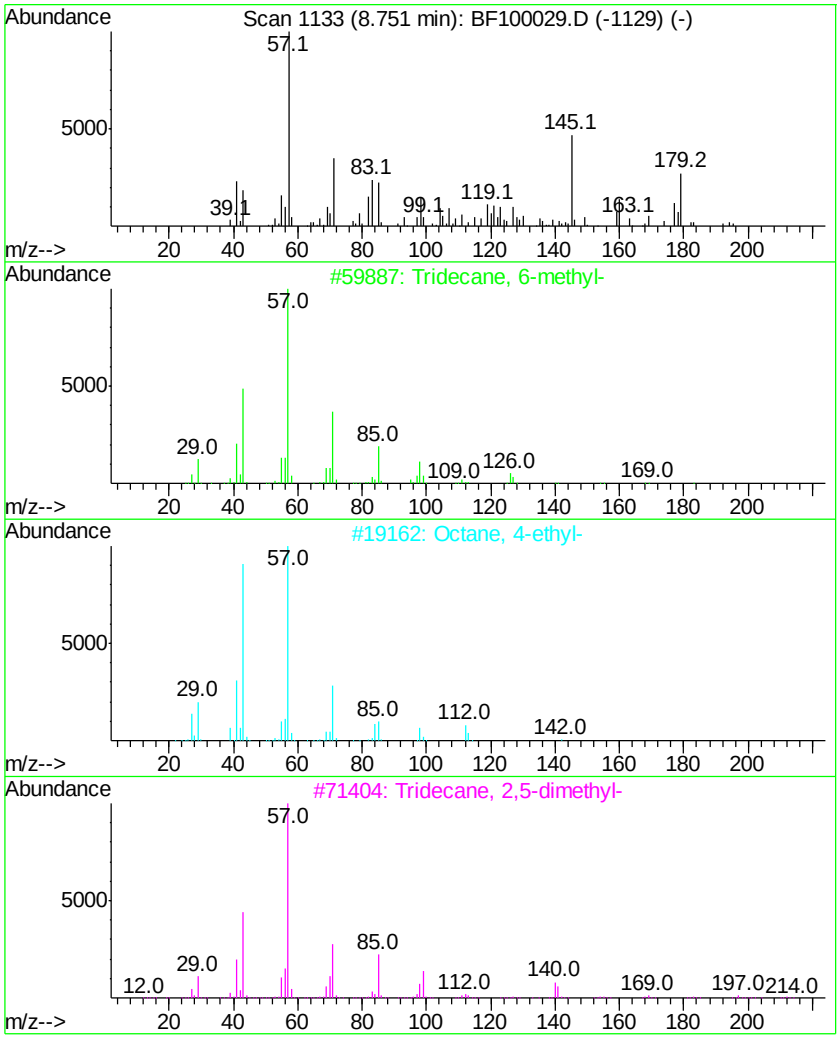
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

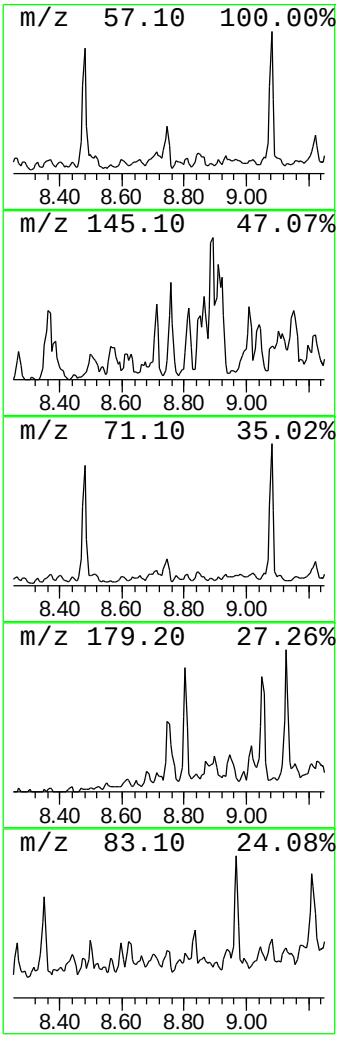
****

Peak Number 6 Tridecane, 6-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	7.72 ng	314413	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	47
3	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	43
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38





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Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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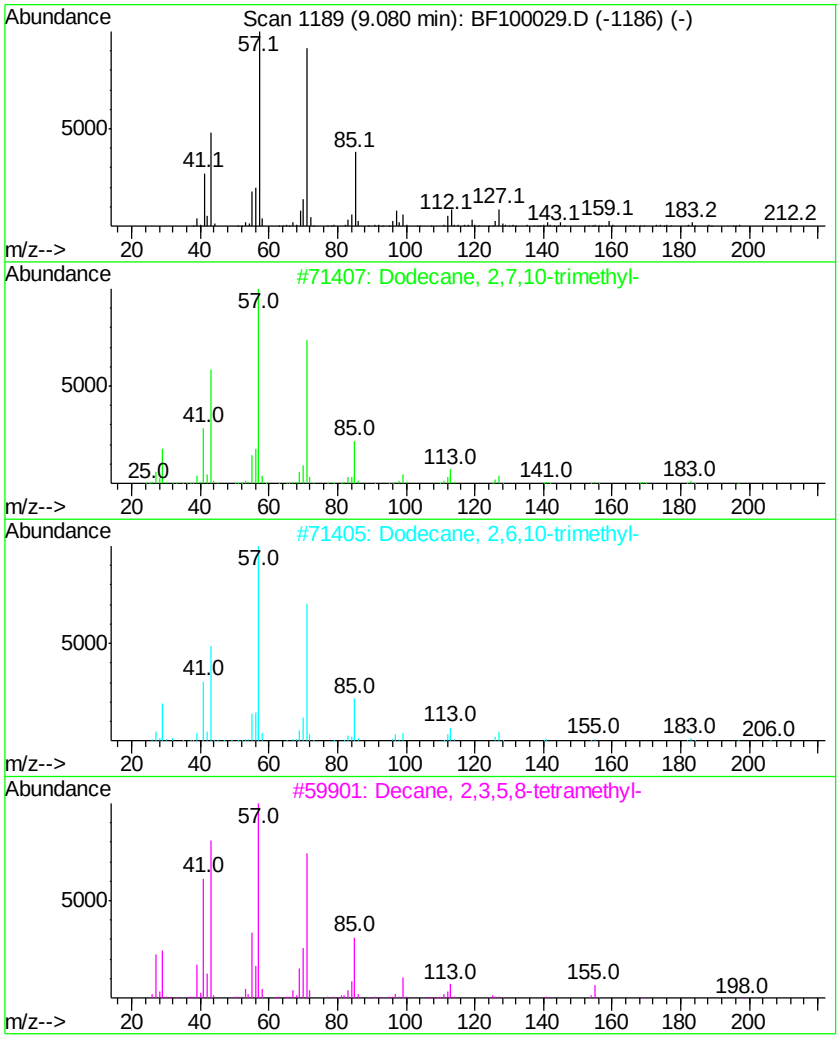
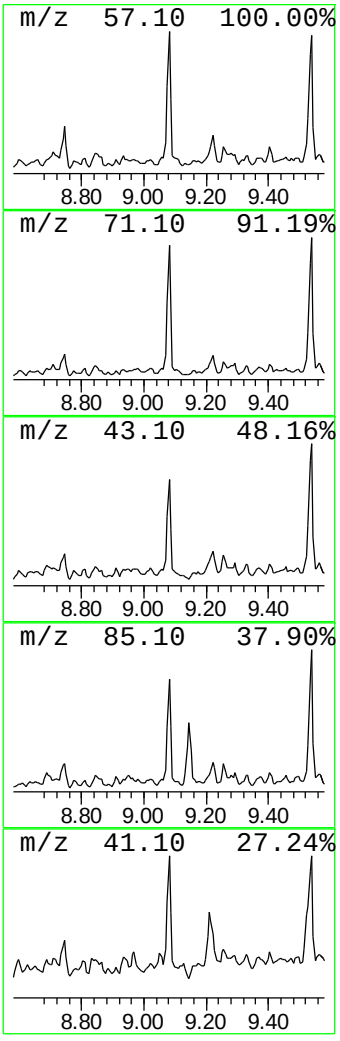
Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	35.20 ng	911741	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	59





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Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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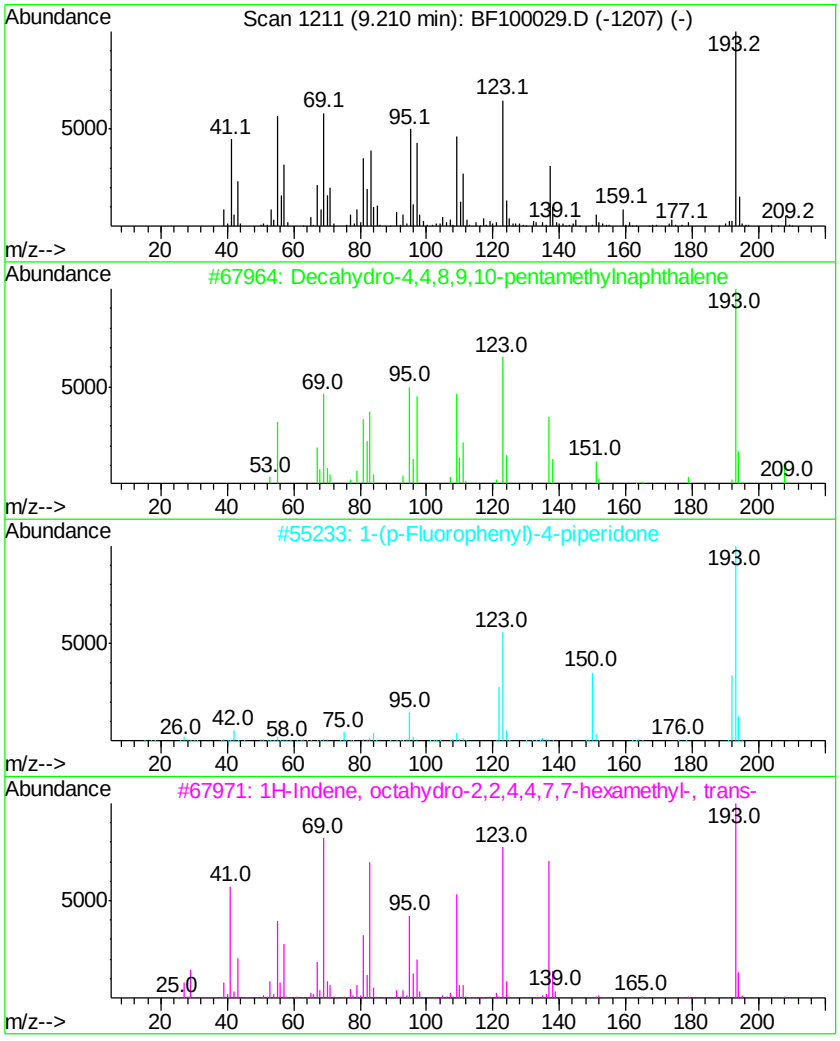
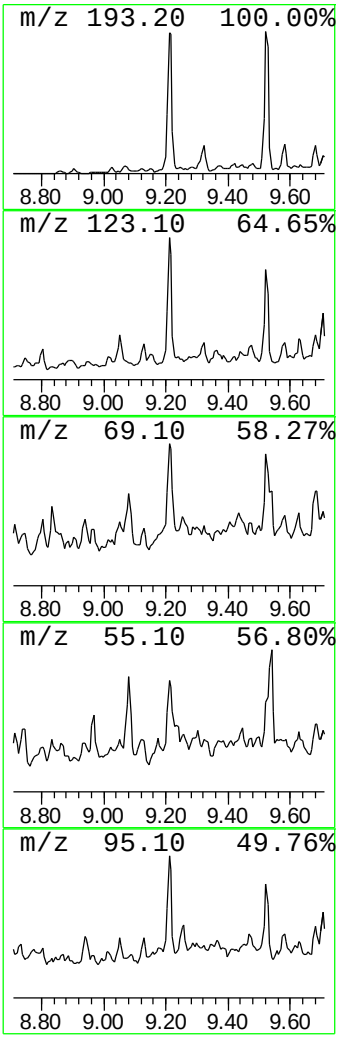
Peak Number 8 unknown9.21 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	38.79 ng	1004810	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	45
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
4	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	35
5	1,5-Hexadiene, 2,5-dipropyl-	166	C12H22	1000158-33-4	25





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Sample : I6201-01
Misc :
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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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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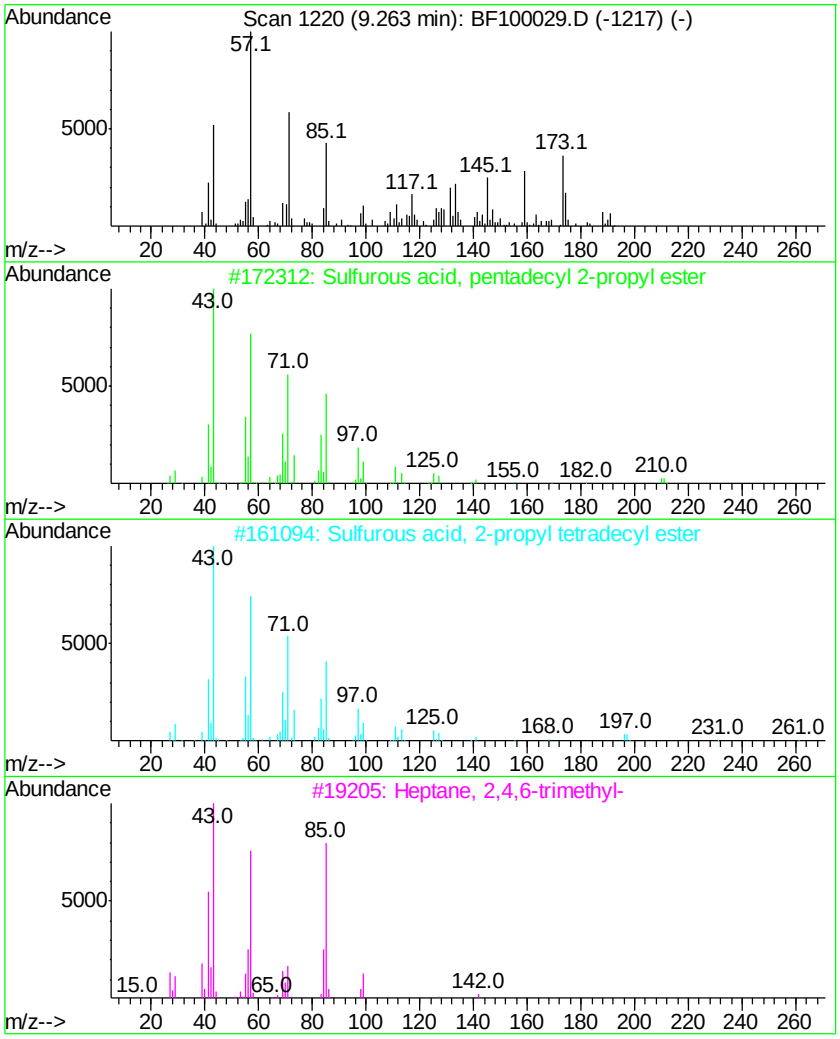
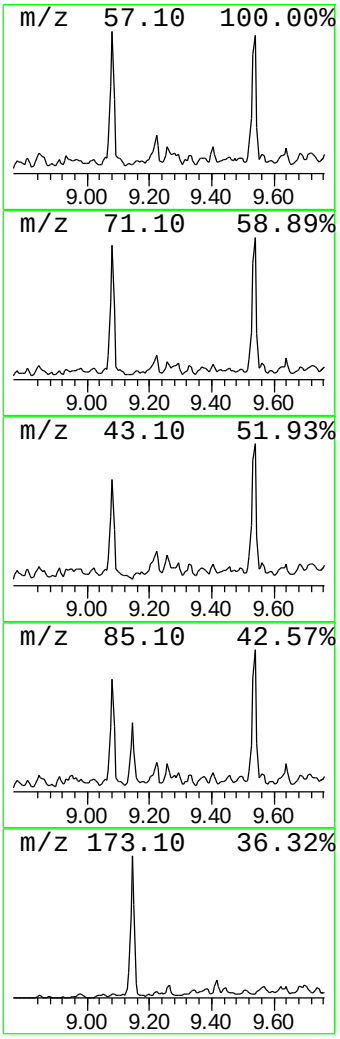
Peak Number 9 unknown9.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	7.71 ng	199833	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	27
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	27
3	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	15
4	Sulfurous acid, hexyl nonyl ester	292	C15H32O3S	1000309-13-1	14
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	14





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Sample : I6201-01
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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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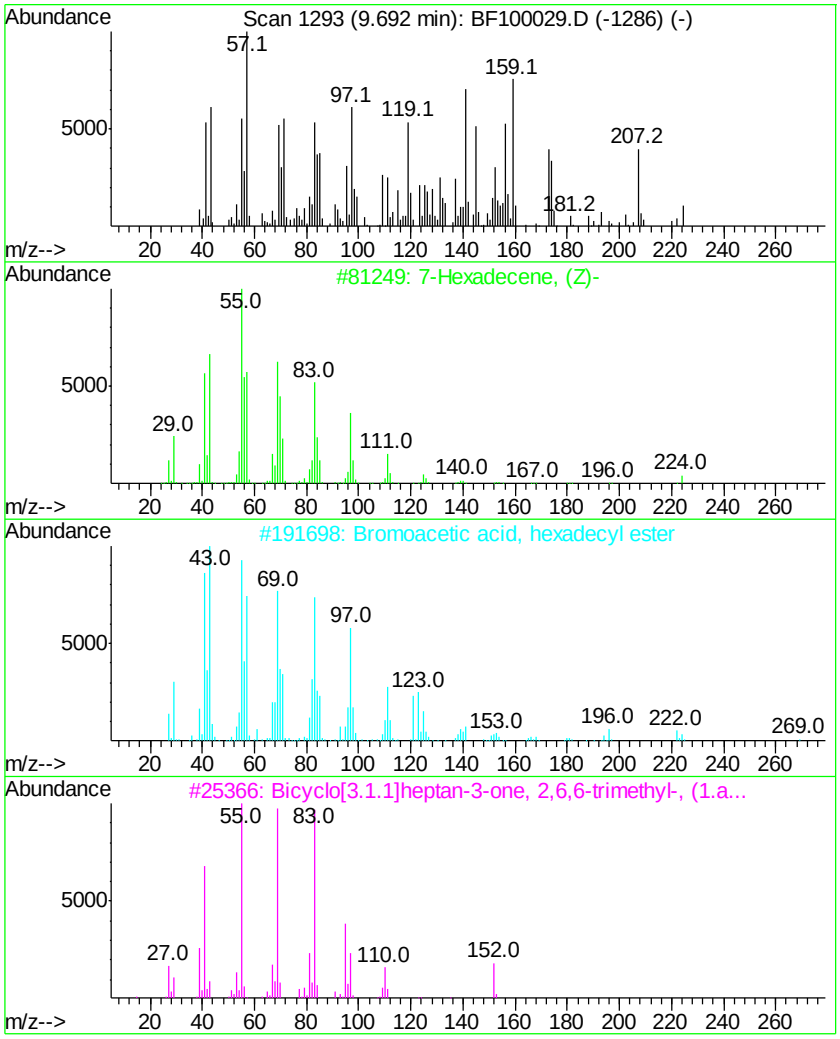
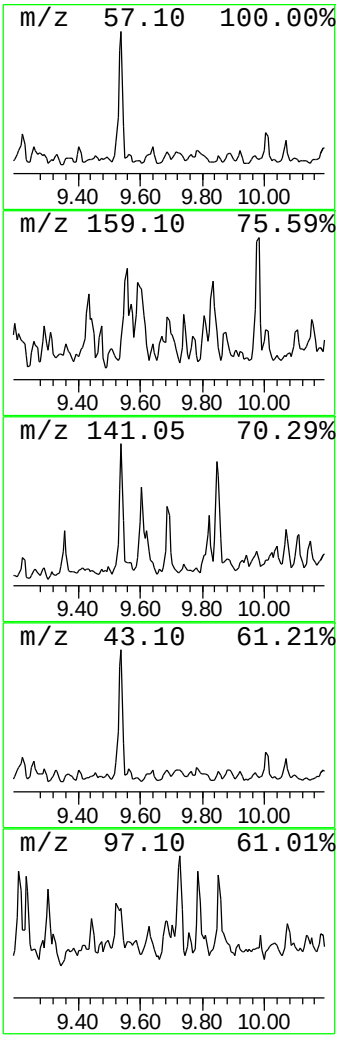
Peak Number 10 7-Hexadecene, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	20.63 ng	534309	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	78
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	50
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	46
4	2-Tetradecene, (E)-	196	C14H28	035953-54-9	45
5	11-Methyldodecanol	200	C13H28O	085763-57-1	45





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Operator : SJ/JU
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId : CF-1A(0-2.5)

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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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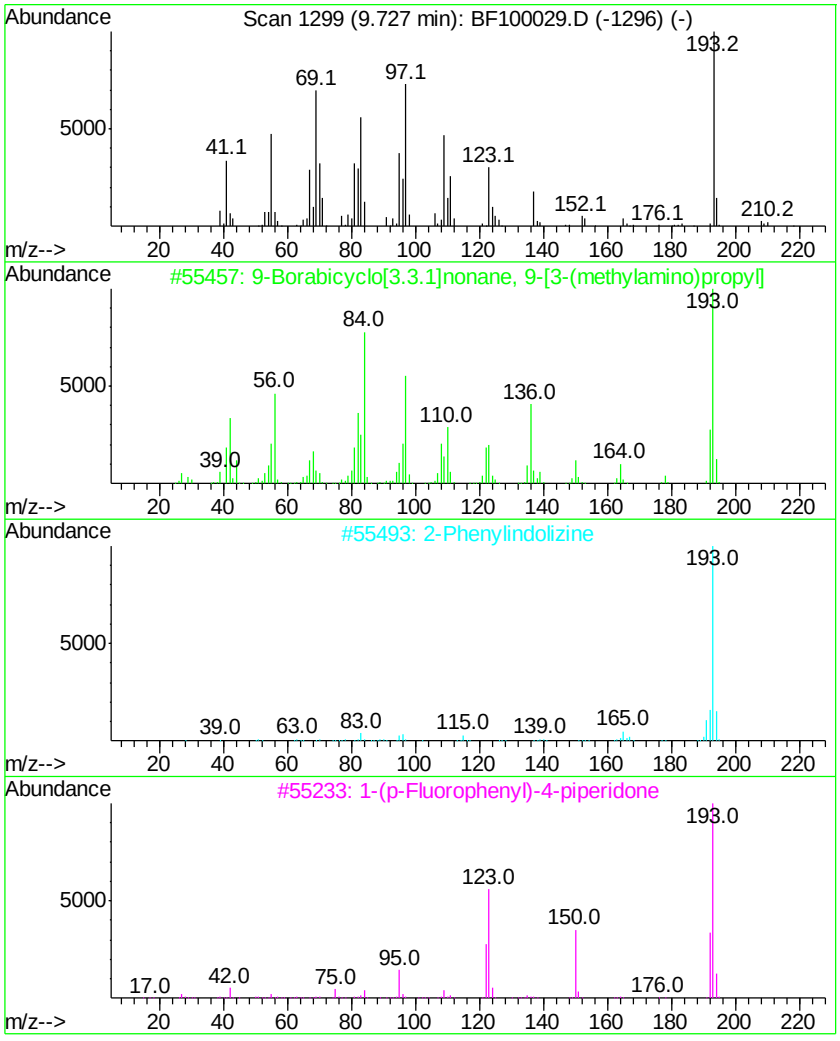
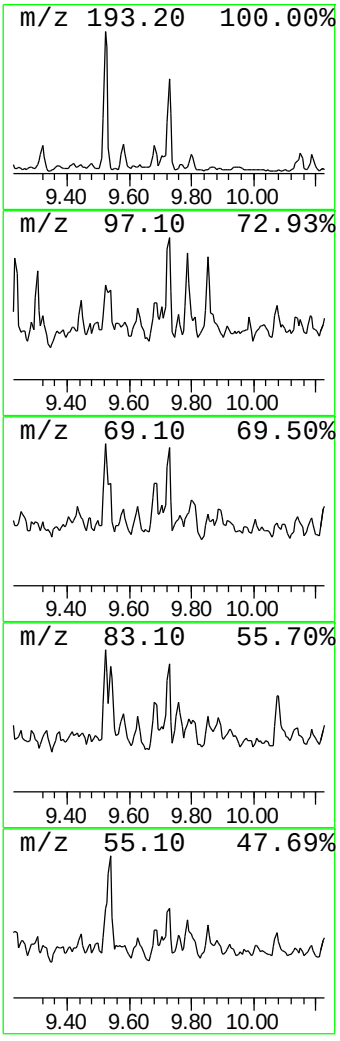
Peak Number 11 unknown9.73 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	17.32 ng	448560	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	47
2	2-Phenylindolizine	193	C14H11N	025379-20-8	43
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	30
5	Hexadecanedinitrile	248	C16H28N2	006812-44-8	27





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Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId : CF-1A(0-2.5)

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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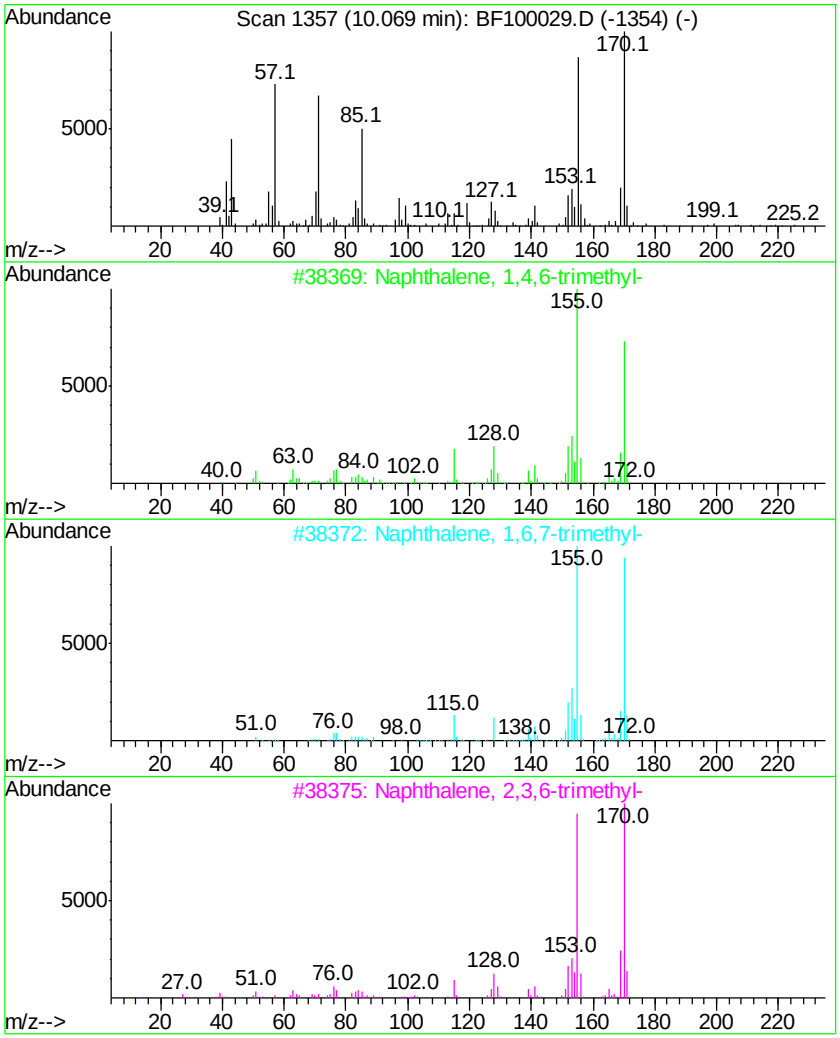
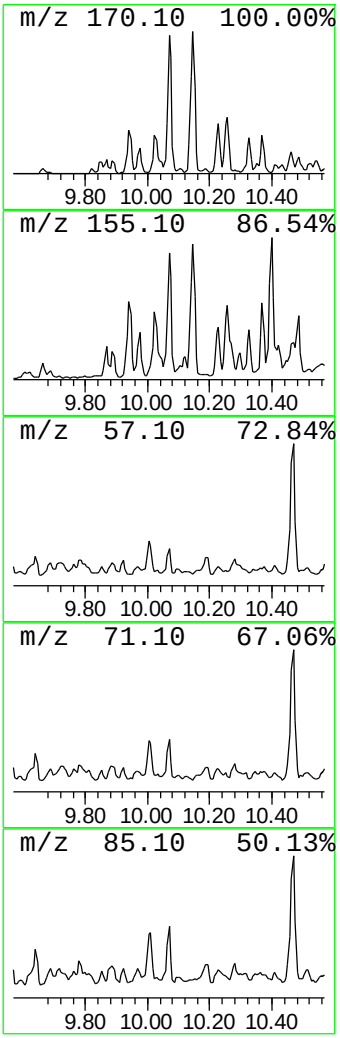
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	20.00 ng	518160	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70





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Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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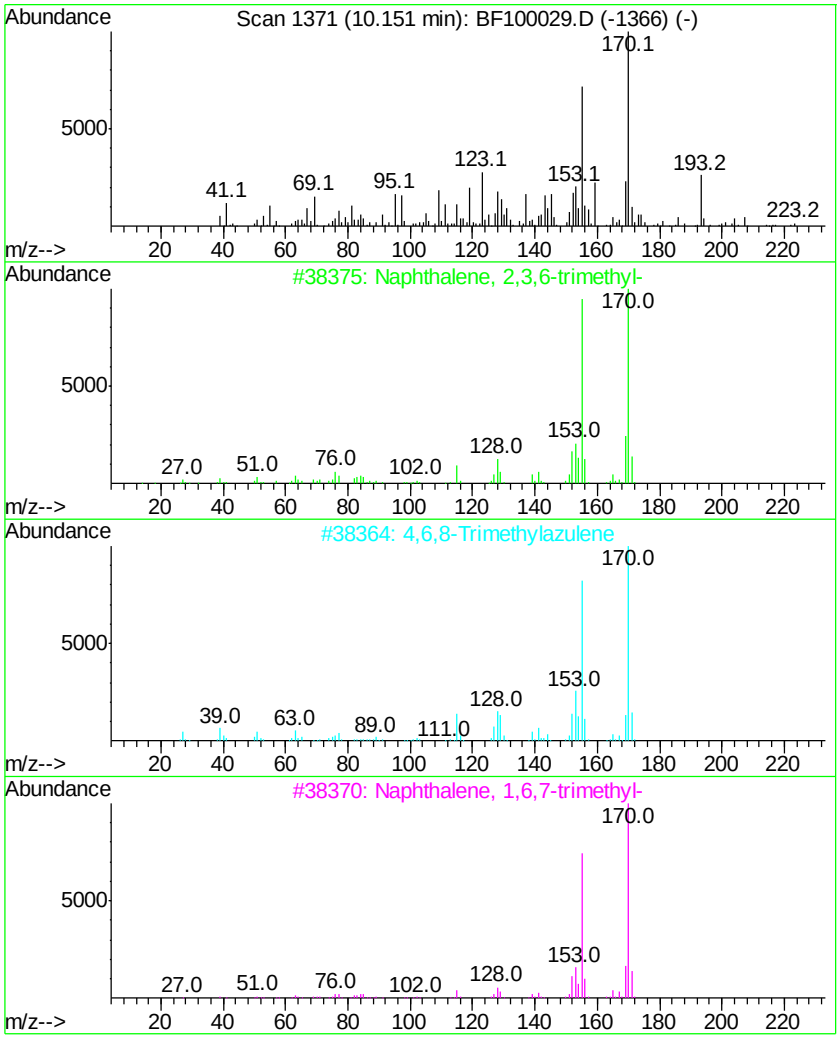
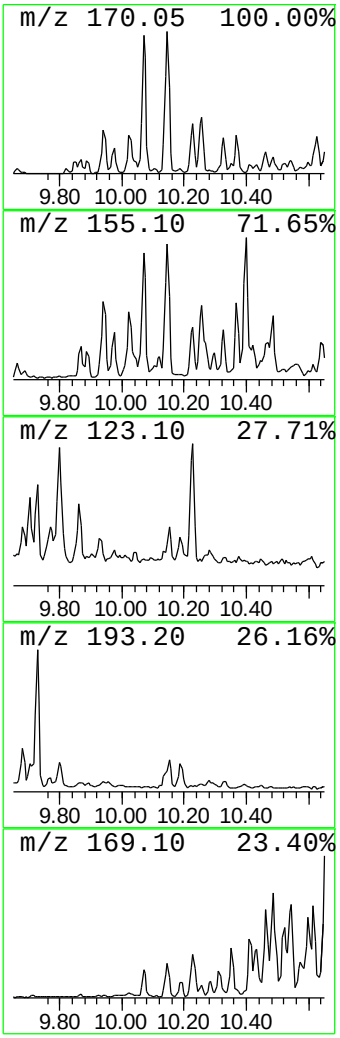
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	17.54 ng	454337	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90





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Sample : I6201-01
Misc :
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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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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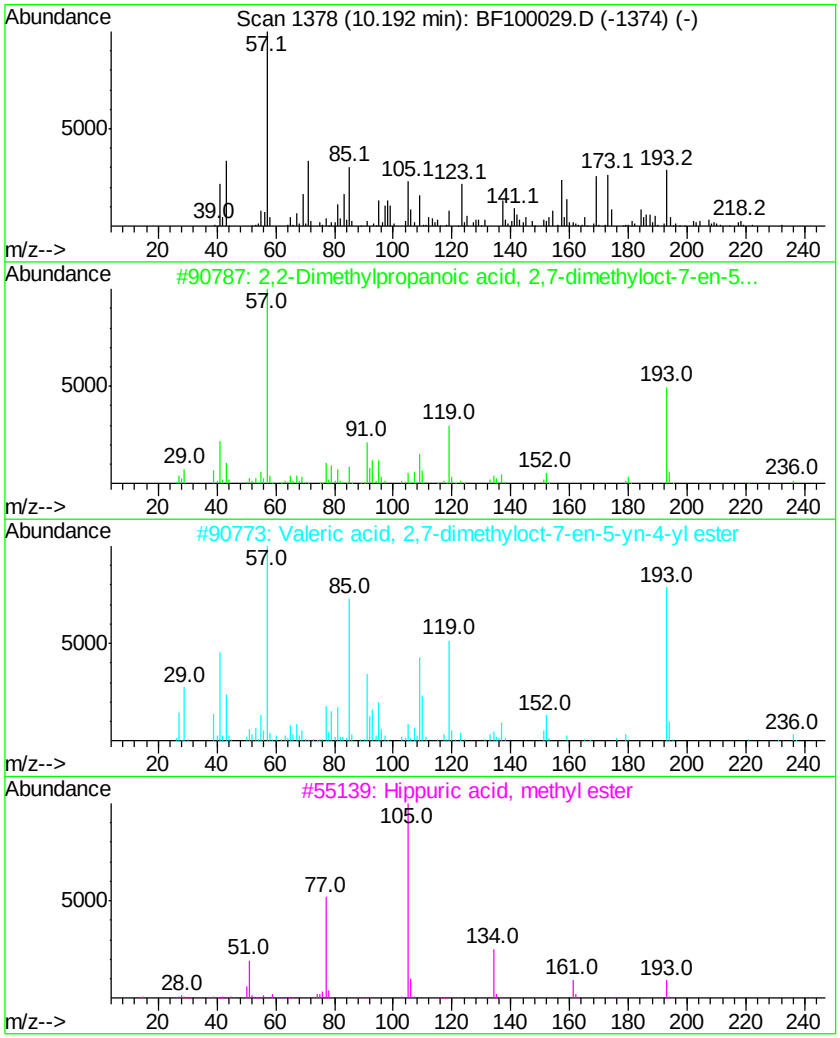
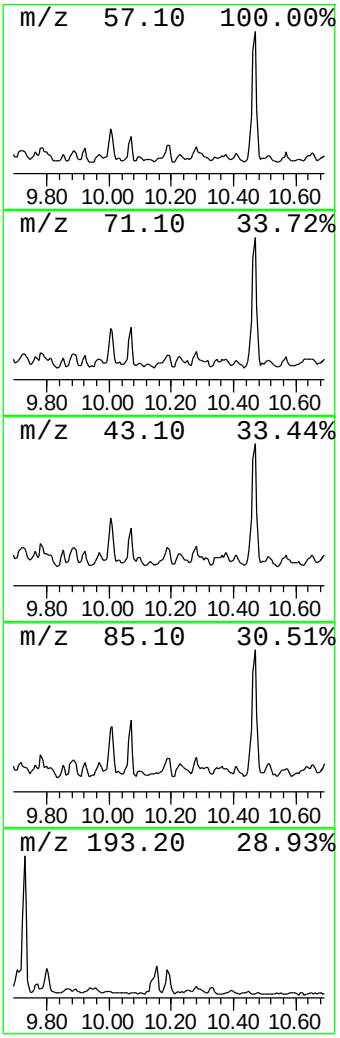
Peak Number 15 unknown10.19 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	9.64 ng	249637	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylpropanoic acid, 2,7-...	236	C15H24O2	1000299-33-5	14
2	Valeric acid, 2,7-dimethyloct-7-...	236	C15H24O2	1000292-48-9	10
3	Hippuric acid, methyl ester	193	C10H11NO3	001205-08-9	9
4	Leucine, N-benzoyl-, methyl este...	249	C14H19NO3	003005-60-5	9
5	Pivalate, [(1-nitro-2-methyl-3-c...	255	C13H21NO4	1000197-92-4	9





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Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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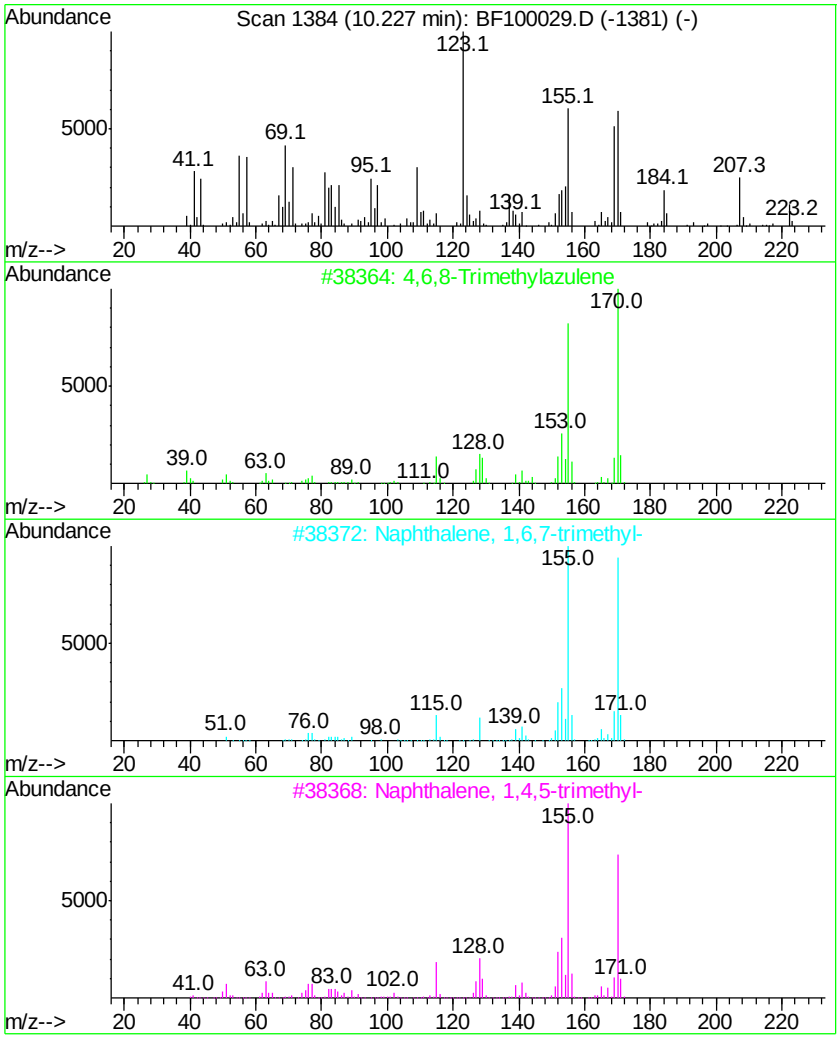
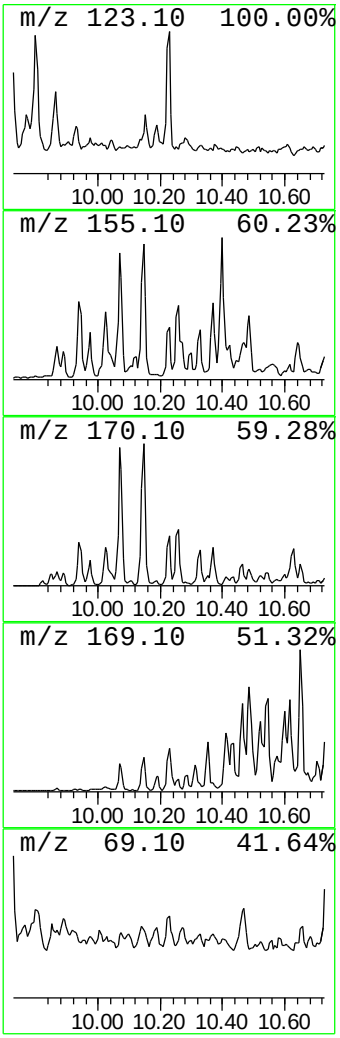
Peak Number 16 unknown10.23 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	11.82 ng	306092	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	35
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	35
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	20
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	20
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	18





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Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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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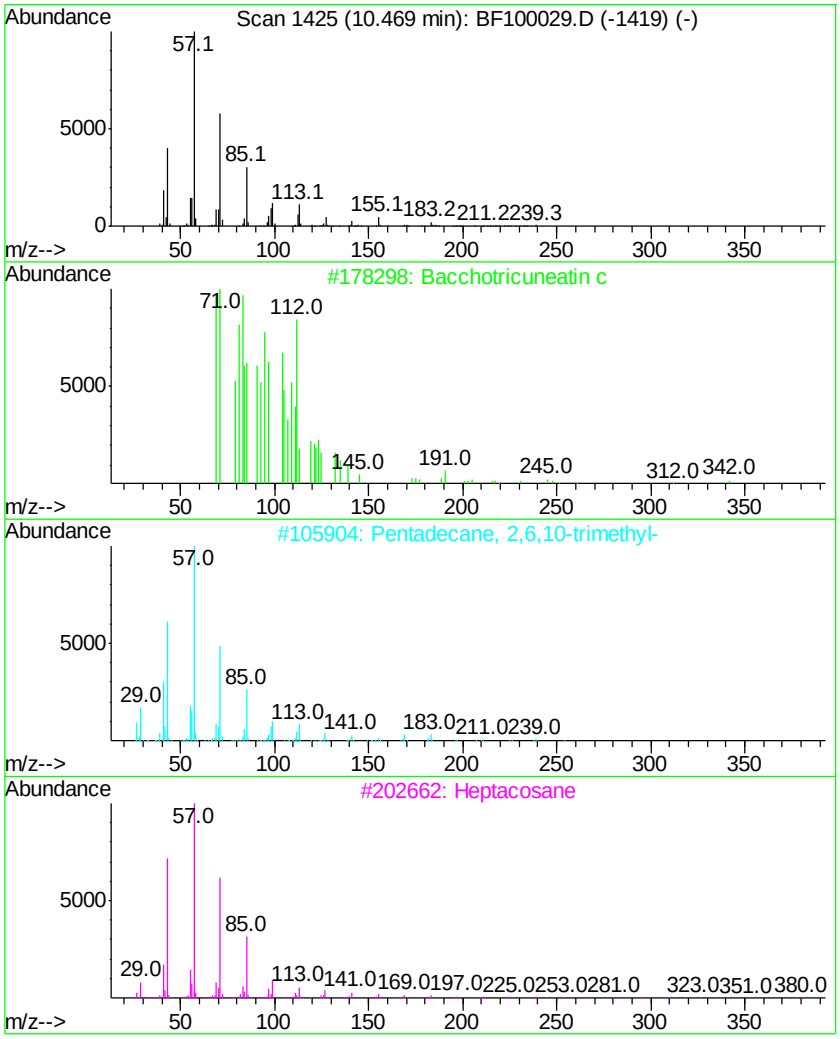
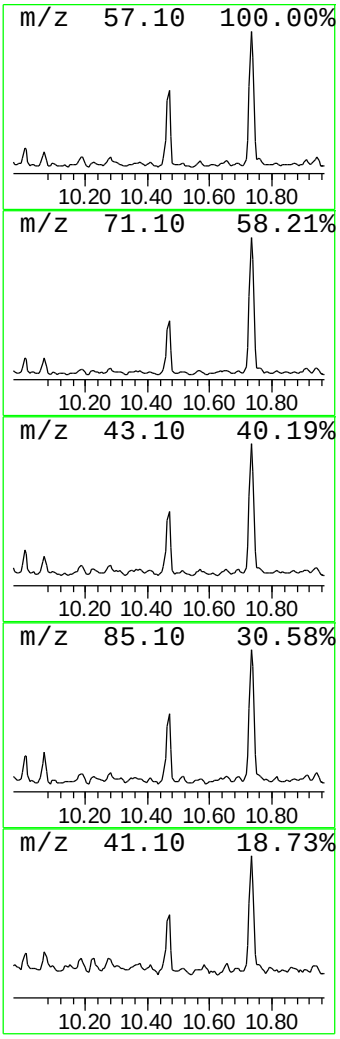
Peak Number 17 Bacchotricuneatin c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	43.58 ng	1128930	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hexadecane	226	C16H34	000544-76-3	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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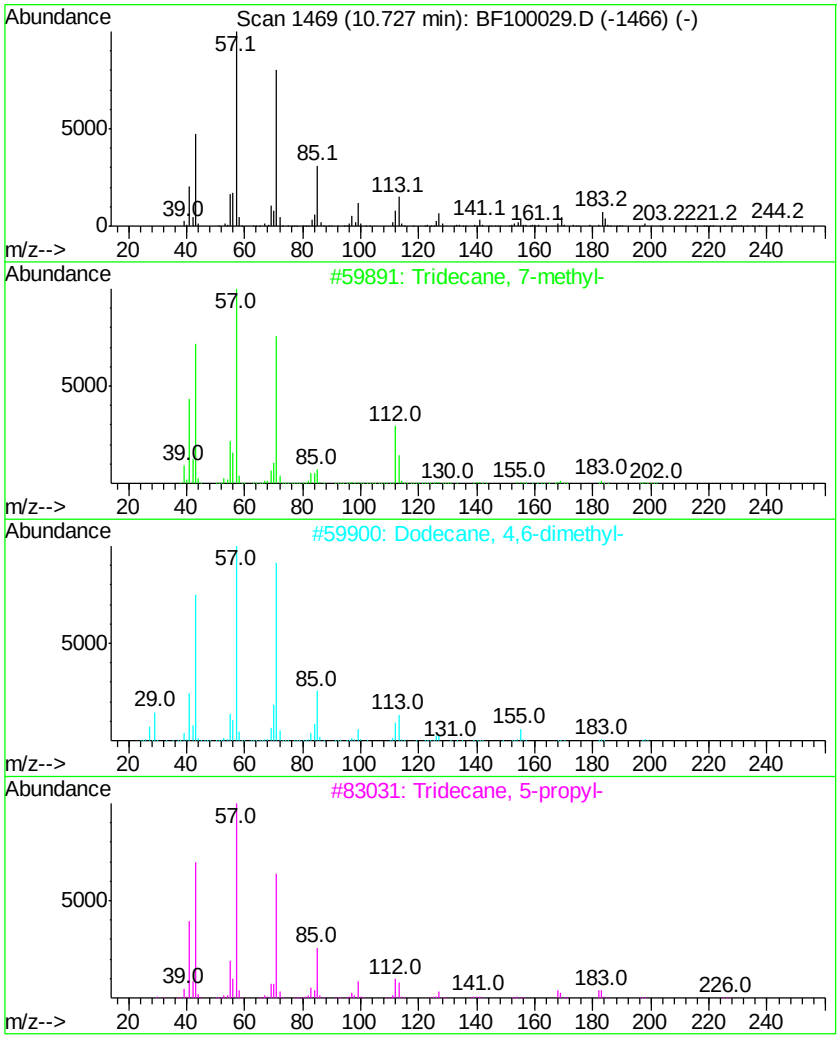
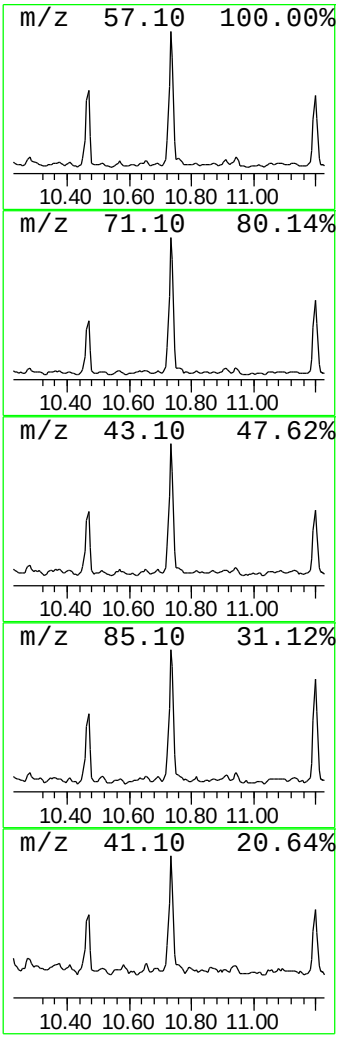
Peak Number 18 Tridecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	59.00 ng	1958580	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	93
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80





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ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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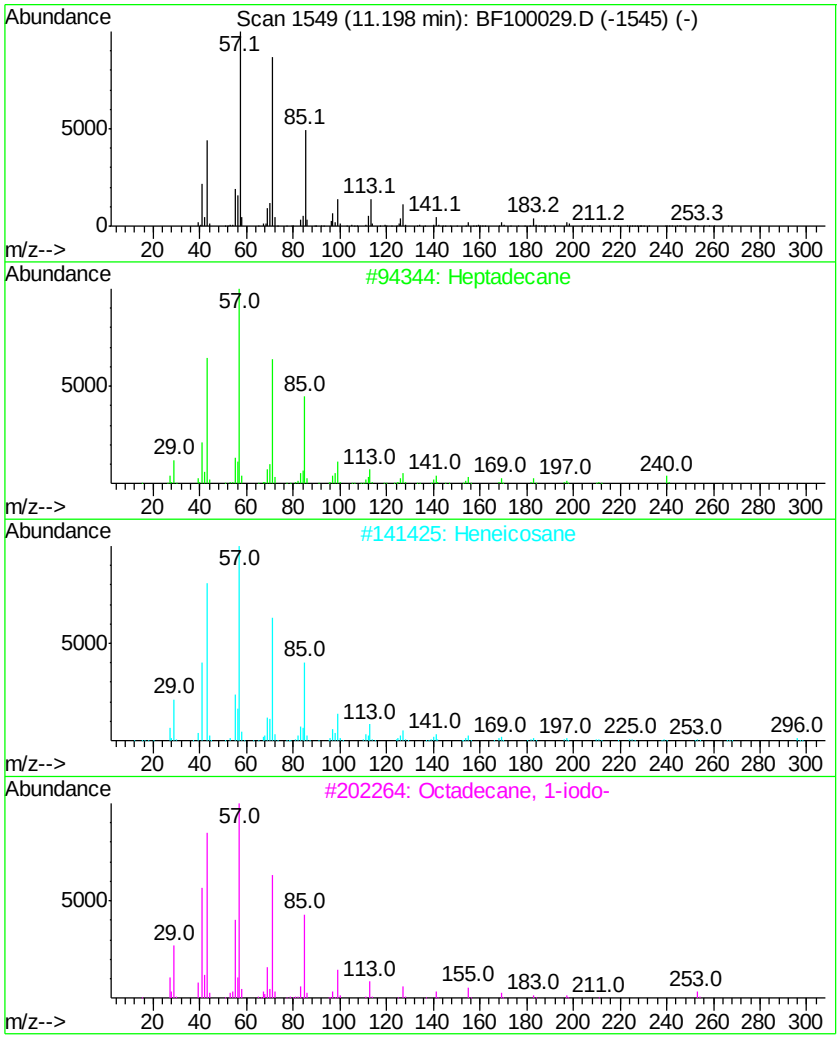
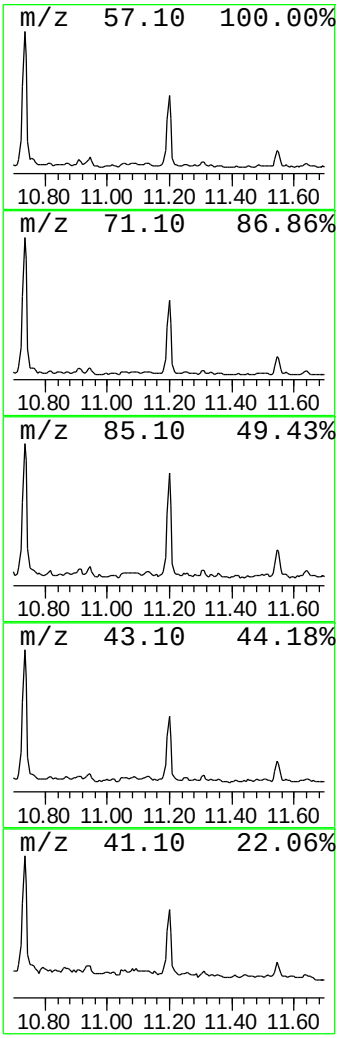
Peak Number 19 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	26.53 ng	880579	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83





Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
Data File : BF100029.D
Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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

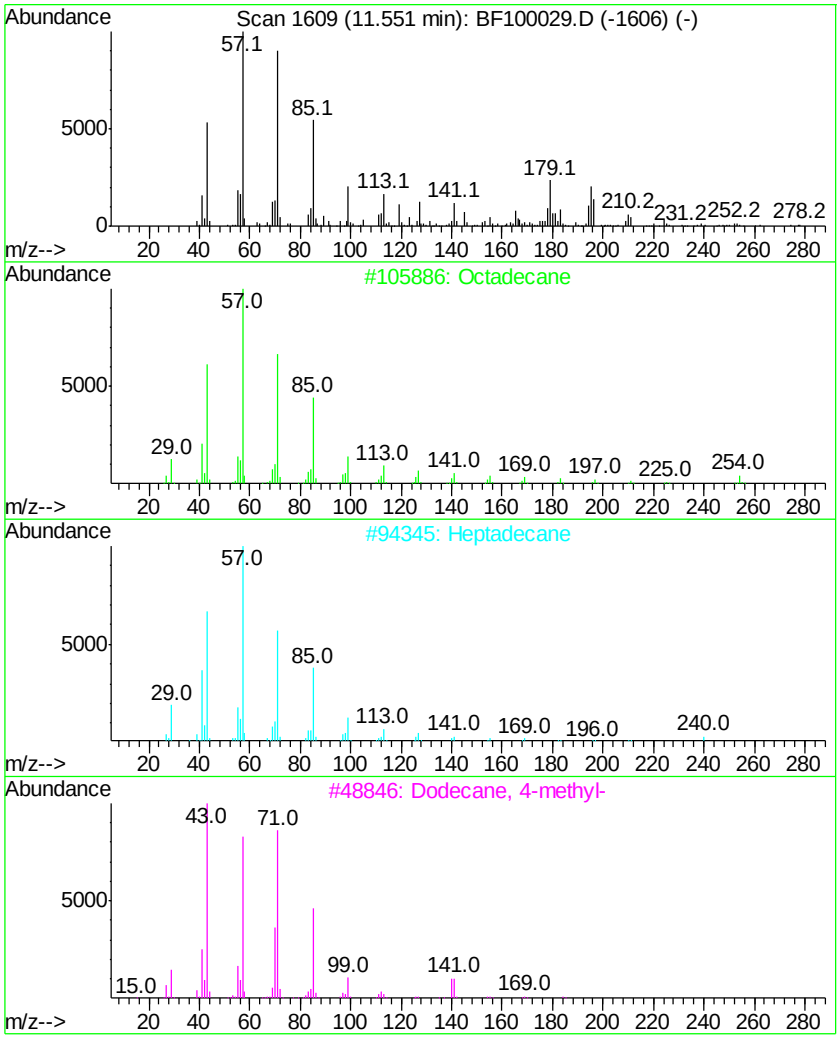
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

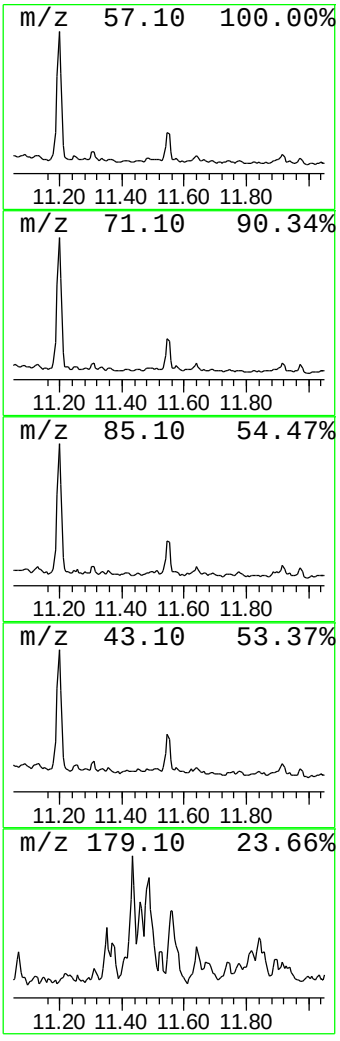
****

Peak Number 20 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	8.32 ng	276303	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Heptadecane	240	C17H36	000629-78-7	64
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
4	Hentriacontane	437	C31H64	000630-04-6	52
5	Hexacosane	366	C26H54	000630-01-3	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103117\
Data File : BF100029.D
Acq On : 1 Nov 2017 6:03
Operator : SJ/JU
Sample : I6201-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CF-1A(0-2.5)

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...	5.01	9.8	ng	265432	1	6.79	542236	20.0
unknown6.56	6.56	68.7	ng	1863500	1	6.79	542236	20.0
unknown8.35	8.35	12.4	ng	505053	2	8.07	814268	20.0
Decane, 5,6-dipro...	8.48	17.6	ng	714718	2	8.07	814268	20.0
Tridecane, 6-methyl-	8.75	7.7	ng	314413	2	8.07	814268	20.0
Dodecane, 2,7,10-...	9.08	35.2	ng	911741	3	9.83	518105	20.0
unknown9.21	9.21	38.8	ng	1004810	3	9.83	518105	20.0
unknown9.26	9.26	7.7	ng	199833	3	9.83	518105	20.0
7-Hexadecene, (Z)-	9.69	20.6	ng	534309	3	9.83	518105	20.0
unknown9.73	9.73	17.3	ng	448560	3	9.83	518105	20.0
Naphthalene, 1,4,...	10.07	20.0	ng	518160	3	9.83	518105	20.0
Naphthalene, 2,3,...	10.15	17.5	ng	454337	3	9.83	518105	20.0
unknown10.19	10.19	9.6	ng	249637	3	9.83	518105	20.0
unknown10.23	10.23	11.8	ng	306092	3	9.83	518105	20.0
Bacchotricuneatin c	10.47	43.6	ng	1128930	3	9.83	518105	20.0
Tridecane, 7-methyl-	10.73	59.0	ng	1958580	4	11.33	663917	20.0
Heptadecane	11.20	26.5	ng	880579	4	11.33	663917	20.0
Octadecane	11.55	8.3	ng	276303	4	11.33	663917	20.0