LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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-BF121417.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	5.228	529	534	536	rBV	713836	767962	8.01%	0.393%
2	5.251	536	538	543	rVB	635401	588122	6.14%	0.301%
3	5.334	548	552	565	rVB2	1544605	2121516	22.14%	1.084%
4	5.510	578	582	587	rBV3	391141	560183	5.85%	0.286%
5	5.598	593	597	603	rBV	1086722	1193900	12.46%	0.610%
6	5.657	603	607	610	rBV	3918568	4120044	43.00%	2.106%
7	5.769	619	626	629	rBV3	645313	892108	9.31%	0.456%
8	5.816	629	634	637	rBV3	546245	822142	8.58%	0.420%
9	5.898	645	648	651	rVV2	919911	1213908	12.67%	0.620%
10	5.951	654	657	659	rVV	472185	532824	5.56%	0.272%
11	5.998	661	665	671	rVV3	2451396	3782733	39.48%	1.933%
12	6.051	671	674	677	rVV	1408268	1387586	14.48%	0.709%
13	6.087	677	680	683	rVV3	380309	555212	5.79%	0.284%
14	6.187	692	697	700	rBV2	1376949	1760856	18.38%	0.900%
15	6.234	700	705	706	rBV2	1096994	1643370	17.15%	0.840%
16	6.251	706	708	711	rVV	2203901	2087720	21.79%	1.067%
17	6.287	711	714	717	rVV	4038287	4667654	48.71%	2.386%
18	6.316	717	719	721	rVV	1283216	1416359	14.78%	0.724%
19	6.346	721	724	726	rVV	2602782	2586164	26.99%	1.322%
20	6.369	726	728	732	rVV	1703028	1558467	16.26%	0.797%
21	6.451	739	742	745	rVV	1752470	1808113	18.87%	0.924%
22	6.498	745	750	754	rVV4	1125325	2450263	25.57%	1.252%
23	6.534	754	756	758	rVV	661912	710538	7.42%	0.363%
24	6.598	762	767	772	rVV2	5136831	9582229	100.00%	4.898%
25	6.693	777	783	785	rVV3	653834	1132154	11.82%	0.579%
26	6.722	785	788	789	rVV2	1129159	1142765	11.93%	0.584%
27	6.740	789	791	793	rVV	1220168	1331374	13.89%	0.680%
28	6.769	793	796	799	rVV2	3087906	3351975	34.98%	1.713%
29	6.793	799	800	801	rVV	844510	542656	5.66%	0.277%
30	6.822	801	805	807	rVV2	2058914	2678306	27.95%	1.369%
31	6.845	807	809	811	rVV3	691593	892561	9.31%	0.456%
32	6.869	811	813	816	rVV	1220499	1290527	13.47%	0.660%
33	6.904	816	819	823	rVV2	2339695	3128569	32.65%	1.599%
34	6.940	823	825	830	rVV4	771372	1038554	10.84%	0.531%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.987	830	833	835	rVV	828298	745792	7.78%	0.381%
36	7.034	835	841	844	rVV4	3009436	4759827	49.67%	2.433%
37	7.063	844	846	848	rVV	2406077	2150254	22.44%	1.099%
38	7.098	848	852	856	rVV2	3027079	4918084	51.33%	2.514%
39	7.145	856	860	865	rVV2	3034717	4576367	47.76%	2.339%
40	7.181	865	866	872	rVB4	580383	664955	6.94%	0.340%
41	7.234	872	875	876	rBV	1439367	1337135	13.95%	0.683%
42	7.257	876	879	881	rVV	1494640	1508290	15.74%	0.771%
43	7.298	881	886	890	rVV2	2418220	3546743	37.01%	1.813%
44	7.369	890	898	900	rVV2	4964985	9200527	96.02%	4.703%
45	7.410	900	905	908	rVV5	1590225	2697861	28.15%	1.379%
46	7.457	908	913	918	rVV5	1519493	3449853	36.00%	1.763%
47	7.510	920	922	924	rVV3	783772	868731	9.07%	0.444%
48	7.540	924	927	929	rVV	2041631	1923107	20.07%	0.983%
49	7.563	929	931	934	rVV2	1791397	2061369	21.51%	1.054%
50	7.592	934	936	940	rVV	690347	678232	7.08%	0.347%
51	7.663	941	948	950	rVV5	1592342	2968657	30.98%	1.517%
52	7.704	953	955	956	rVV2	1173635	1155919	12.06%	0.591%
53	7.728	956	959	961	rVV2	2293816	2709724	28.28%	1.385%
54	7.757	961	964	967	rVV2	2131965	2465240	25.73%	1.260%
55	7.792	967	970	972	rVV2	3438390	3824656	39.91%	1.955%
56	7.816	972	974	975	rVV	1299304	1137347	11.87%	0.581%
57	7.834	975	977	979	rVV	2225647	1942948	20.28%	0.993%
58	7.863	979	982	984	rVV3	1451705	1855412	19.36%	0.948%
59	7.887	984	986	989	rVV	1072027	1095047	11.43%	0.560%
60	7.916	989	991	994	rVB	1216324	1046988	10.93%	0.535%
61	7.945	994	996	999	rBV	485911	490322	5.12%	0.251%
62	7.975	999	1001	1002	rVV	614007	524084	5.47%	0.268%
63	7.992	1002	1004	1006	rVV2	919184	1158886	12.09%	0.592%
64	8.034	1006	1011	1013	rVV	4602385	6871867	71.71%	3.512%
65	8.057	1013	1015	1020	rVV2	1348576	2769921	28.91%	1.416%
66	8.104	1020	1023	1025	rVV2	2824756	2865567	29.91%	1.465%
67	8.134	1025	1028	1035	rVB4	992766	1784737	18.63%	0.912%
68	8.198	1035	1039	1041	rBV4	652789	884165	9.23%	0.452%
69	8.245	1044	1047	1049	rVV2	1438125	1514293	15.80%	0.774%
70	8.298	1053	1056	1059	rVV3	662412	1054205	11.00%	0.539%
71	8.334	1059	1062	1067	rVV3	2213746	3562183	37.17%	1.821%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.387	1067	1071	1074	rVV4	1387987	1899711	19.83%	0.971%
73	8.416	1074	1076	1080	rVV2	1954487	2127850	22.21%	1.088%
74	8.463	1080	1084	1086	rVV	2966360	3009193	31.40%	1.538%
75	8.487	1086	1088	1092	rVV4	819410	1012743	10.57%	0.518%
76	8.551	1096	1099	1101	rBV	1442263	1250459	13.05%	0.639%
77	8.575	1101	1103	1107	rVV3	551731	700183	7.31%	0.358%
78	8.639	1109	1114	1117	rVV	4079060	5159901	53.85%	2.637%
79	8.692	1117	1123	1124	rVV5	613677	1364739	14.24%	0.698%
80	8.716	1124	1127	1132	rVB3	1036995	1718656	17.94%	0.878%
81	8.869	1151	1153	1158	rBV3	1042343	1153663	12.04%	0.590%
82	8.910	1158	1160	1162	rBV2	1146861	1001157	10.45%	0.512%
83	8.992	1171	1174	1176	rBV2	1582447	1380270	14.40%	0.705%
84	9.034	1176	1181	1183	rVV2	1141411	1161034	12.12%	0.593%
85	9.057	1183	1185	1188	rVV	1945205	1550961	16.19%	0.793%
86	9.198	1204	1209	1212	rBV	3619368	3751610	39.15%	1.918%
87	9.234	1213	1215	1219	rVV	642389	797911	8.33%	0.408%
88	9.269	1219	1221	1224	rVV4	663217	643765	6.72%	0.329%
89	9.510	1258	1262	1264	rBV3	1115211	1416369	14.78%	0.724%
90	9.534	1264	1266	1270	rVB3	611455	581388	6.07%	0.297%
91	9.722	1295	1298	1302	rVV	2424423	2019781	21.08%	1.032%
92	9.810	1310	1313	1318	rVB	847894	864322	9.02%	0.442%
93	10.216	1379	1382	1385	rVV	1088265	882312	9.21%	0.451%
94	10.686	1459	1462	1472	rVB	532152	647251	6.75%	0.331%
95	11.298	1563	1566	1570	rBV	749748	769627	8.03%	0.393%
96	11.669	1625	1629	1632	rVB	659188	524248	5.47%	0.268%
97	12.351	1742	1745	1747	rBV2	1814951	1661462	17.34%	0.849%
98	12.375	1747	1749	1757	rVV2	1193917	1071787	11.19%	0.548%
99	13.957	2014	2018	2022	rBV	736822	793384	8.28%	0.406%
100	15.421	2264	2267	2275	rVB	440343	624921	6.52%	0.319%

Sum of corrected areas: 195649367

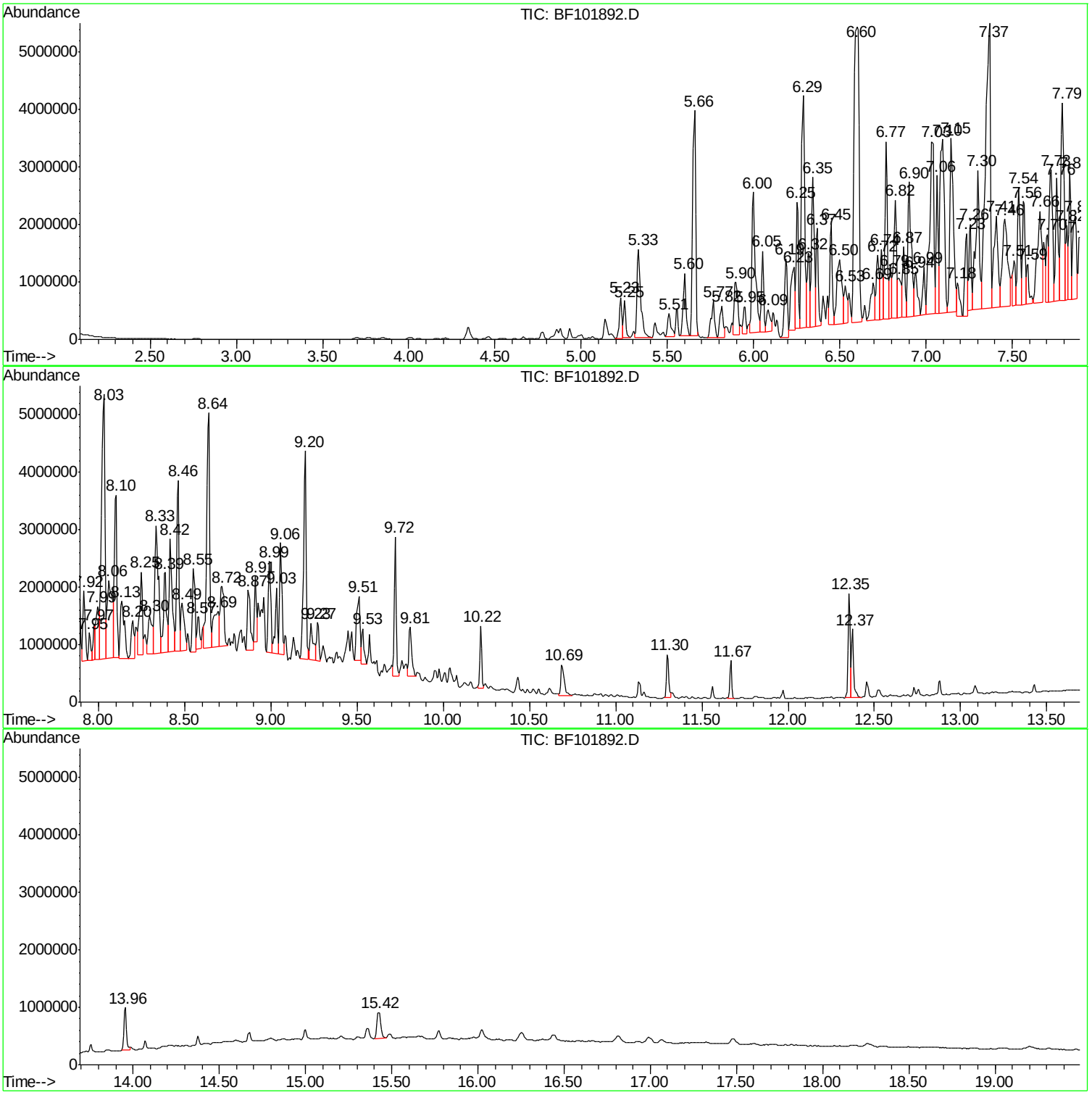
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

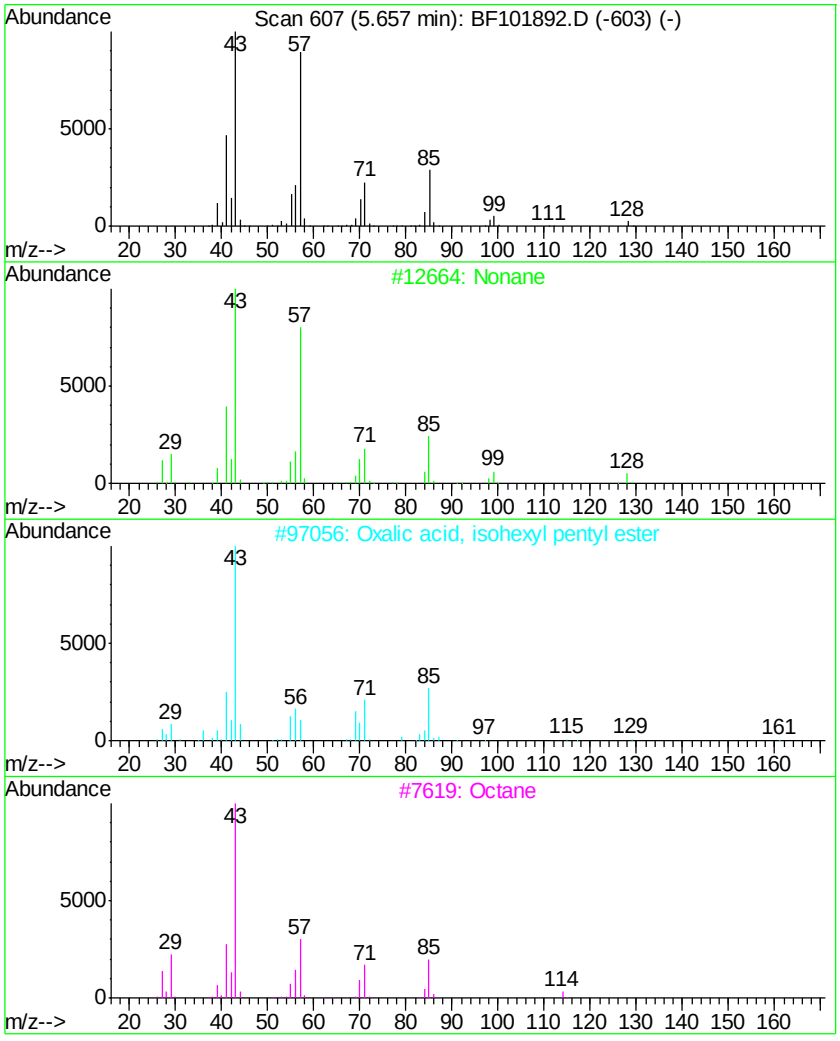
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

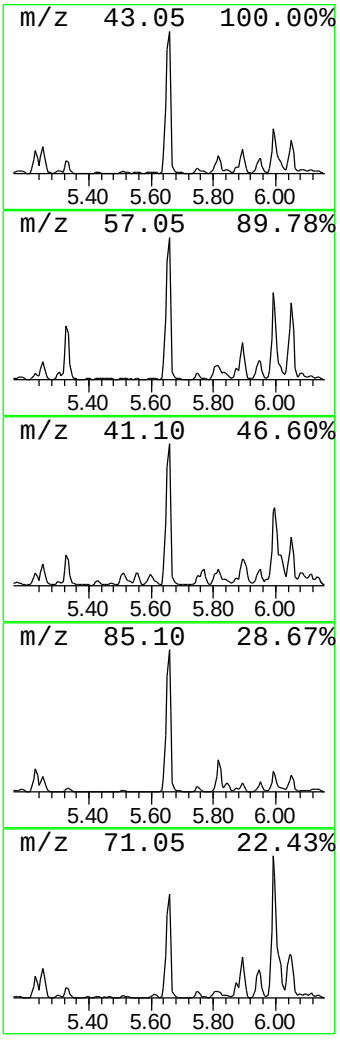
****

Peak Number 1 Nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	24.58 ng	4120040	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
3	Octane	114	C8H18	000111-65-9	72
4	Decane	142	C10H22	000124-18-5	59
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

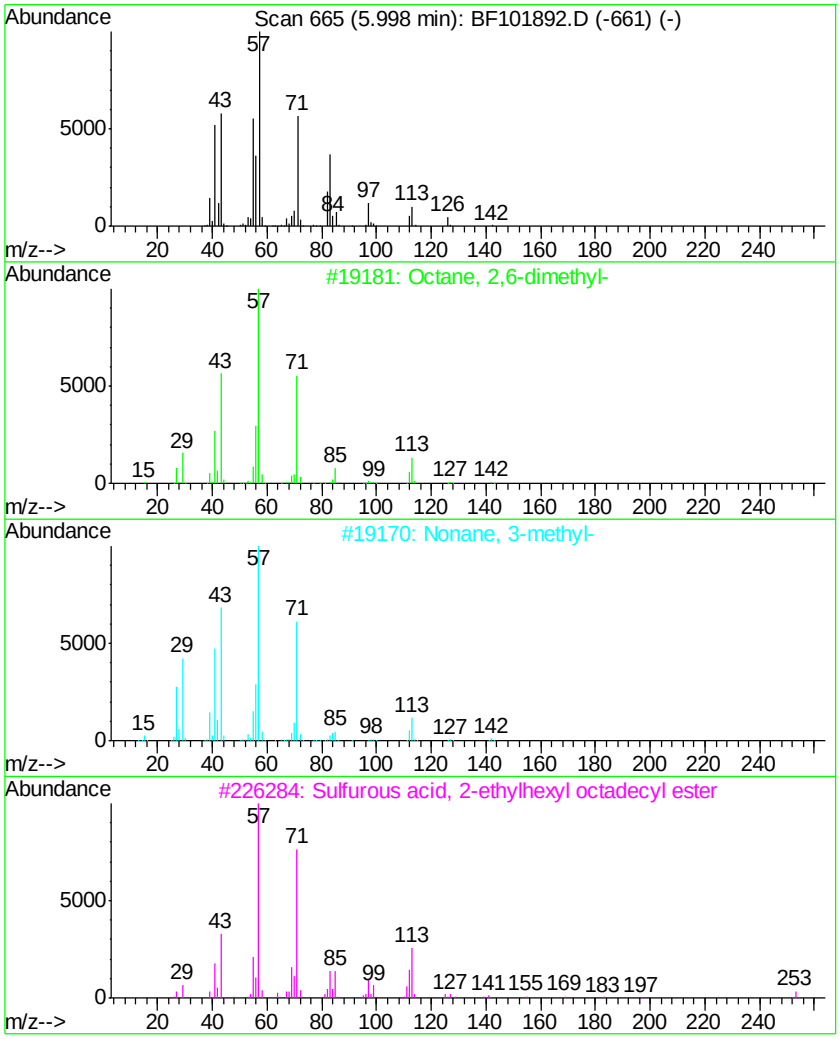
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

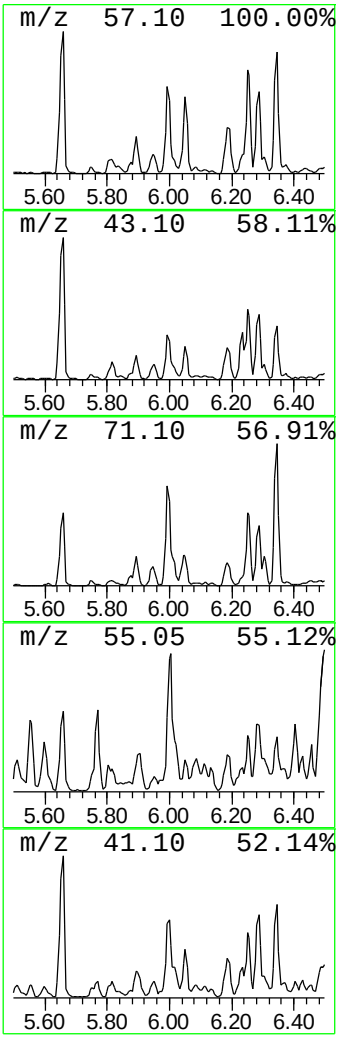
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	22.57 ng	3782730	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	70
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	53
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	53





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

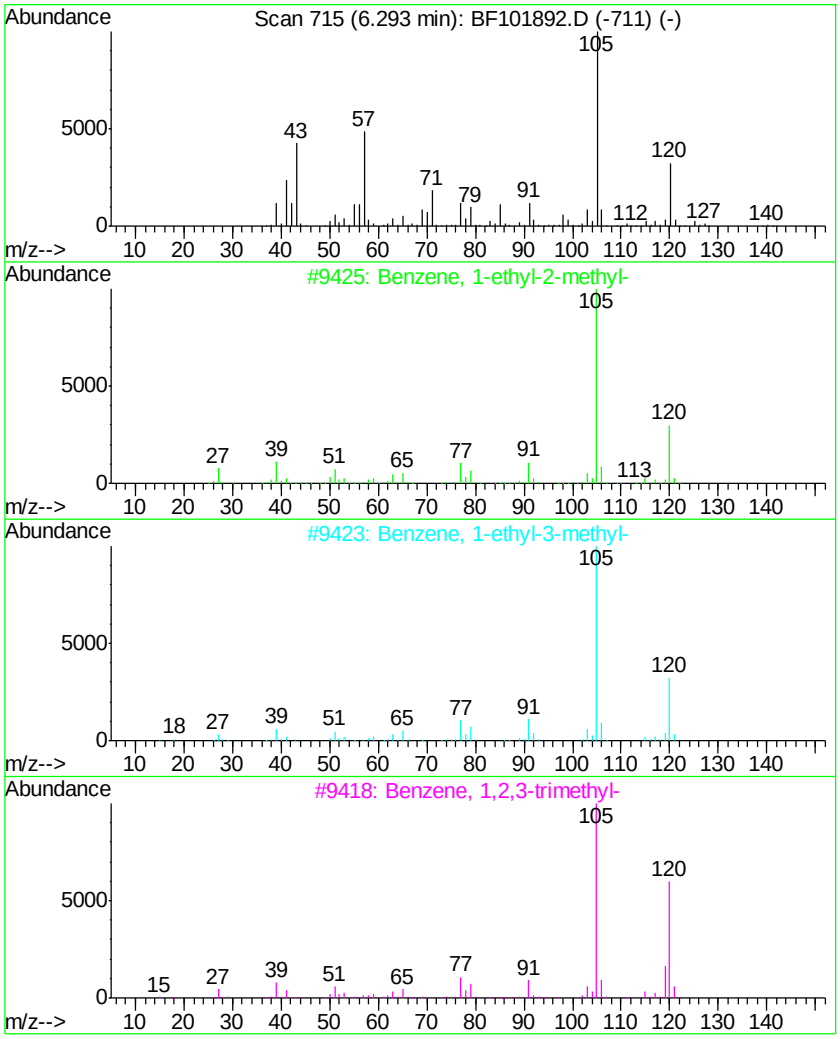
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

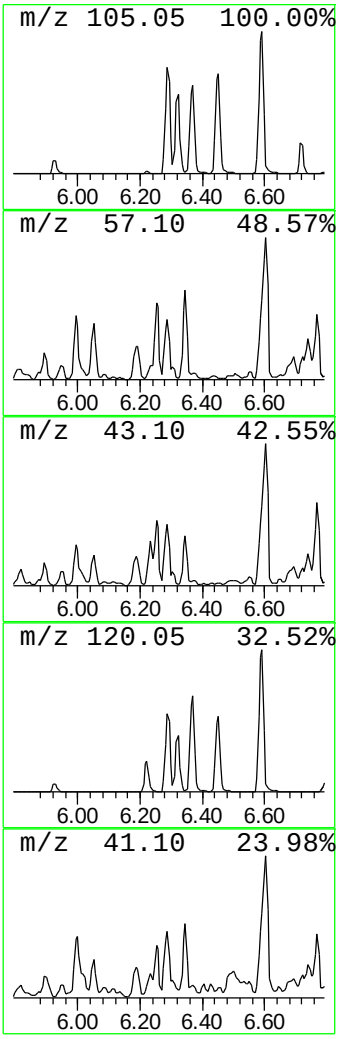
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	27.85 ng	4667650	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	55
4	Mesitylene	120	C9H12	000108-67-8	55
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

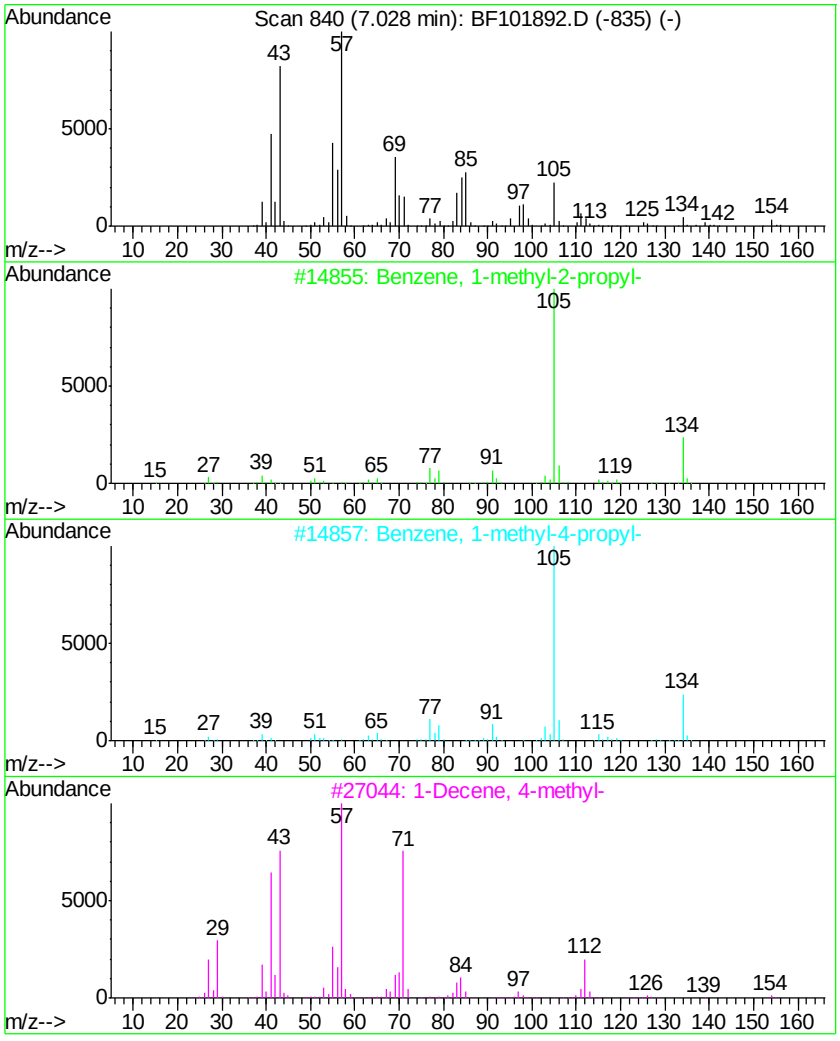
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

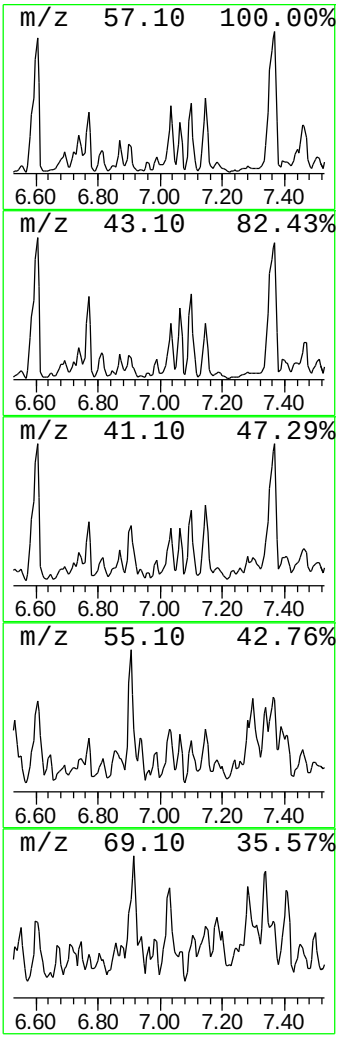
****

Peak Number 5 Benzene, 1-methyl-2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	28.40 ng	4759830	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3	1-Decene, 4-methyl-	154	C11H22	013151-29-6	38
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

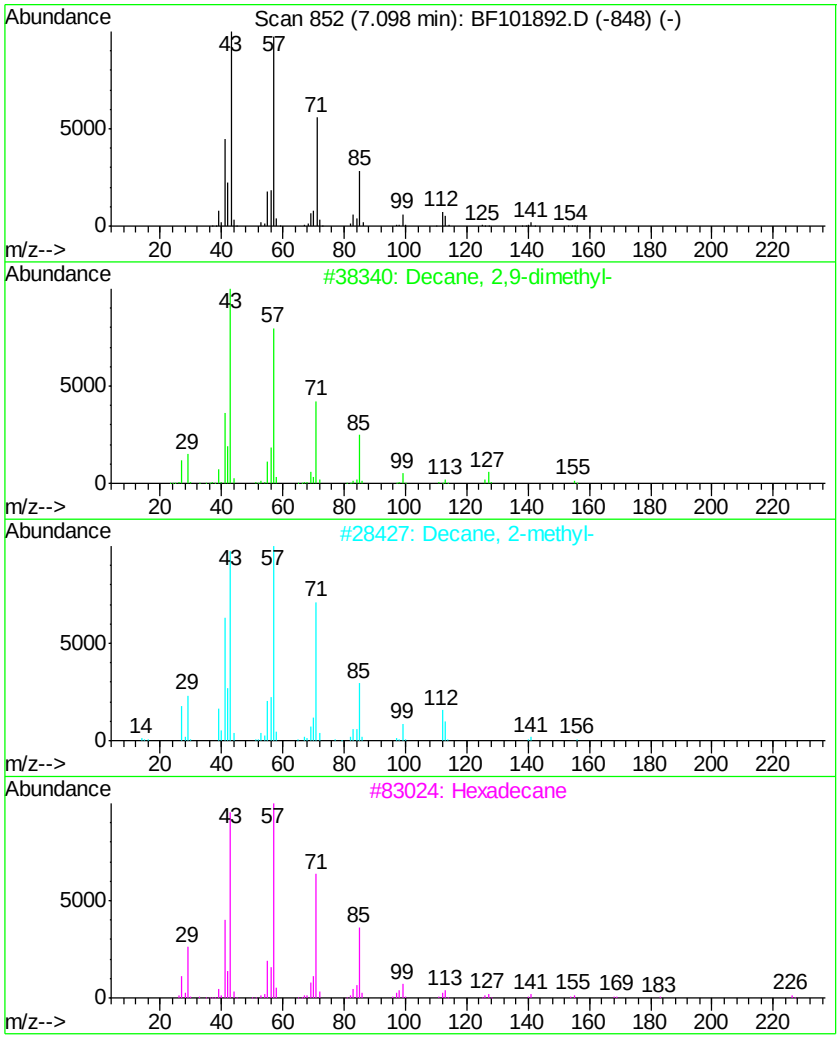
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

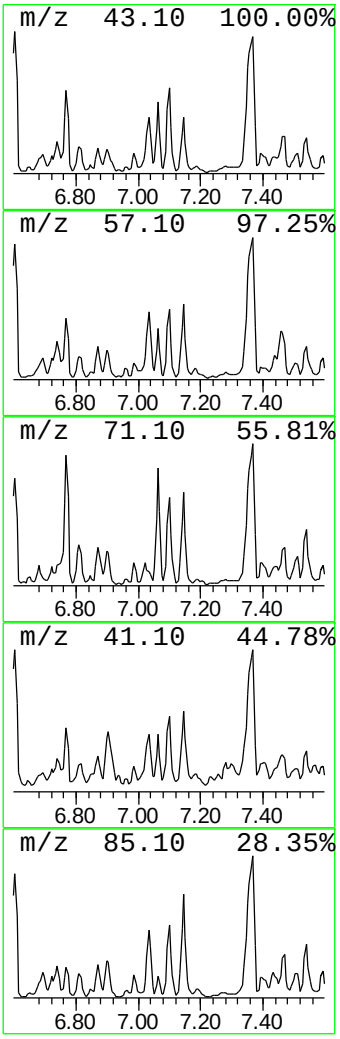
****

Peak Number 6 Decane, 2,9-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	29.34 ng	4918080	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	83
2	Decane, 2-methyl-	156	C11H24	006975-98-0	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
5	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	59





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Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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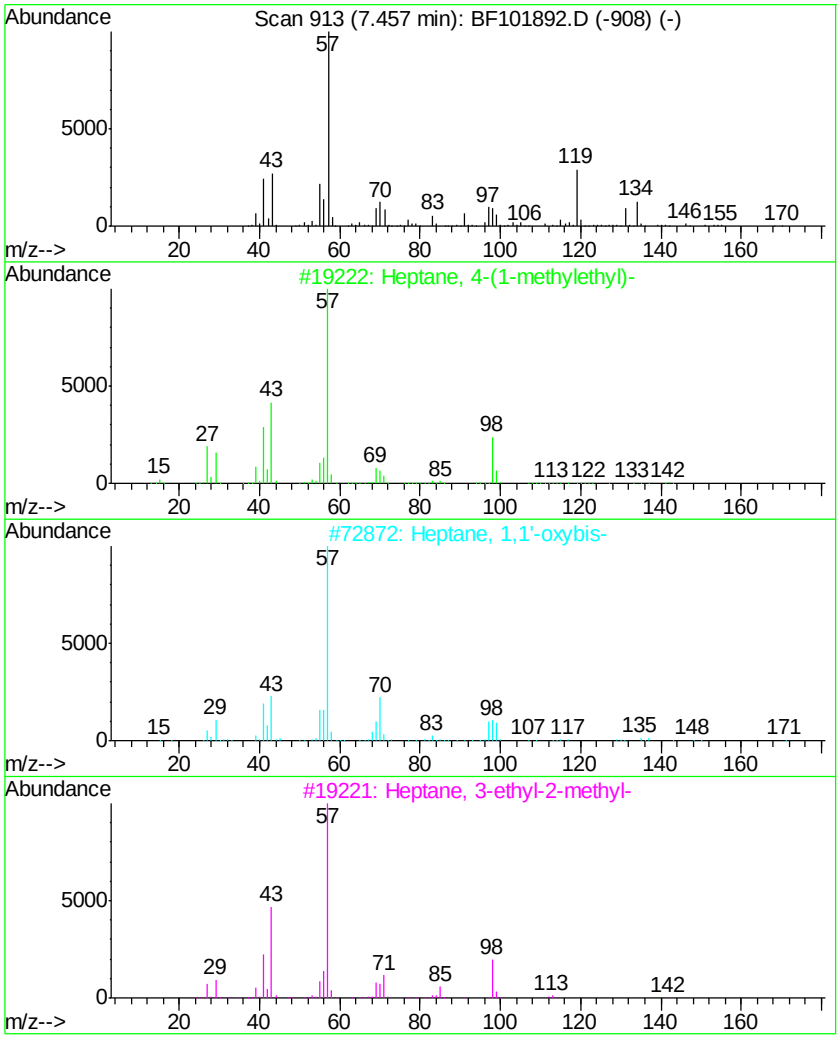
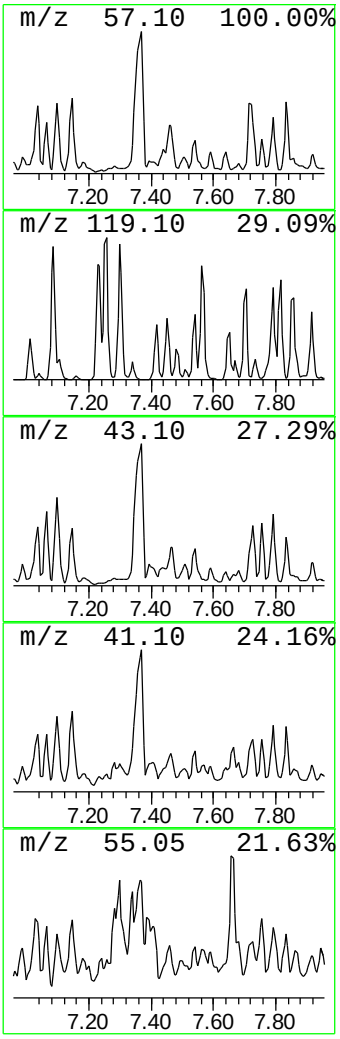
Peak Number 8 unknown7.46 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	24.91 ng	3449850	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	43
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	43
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	38
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	37





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Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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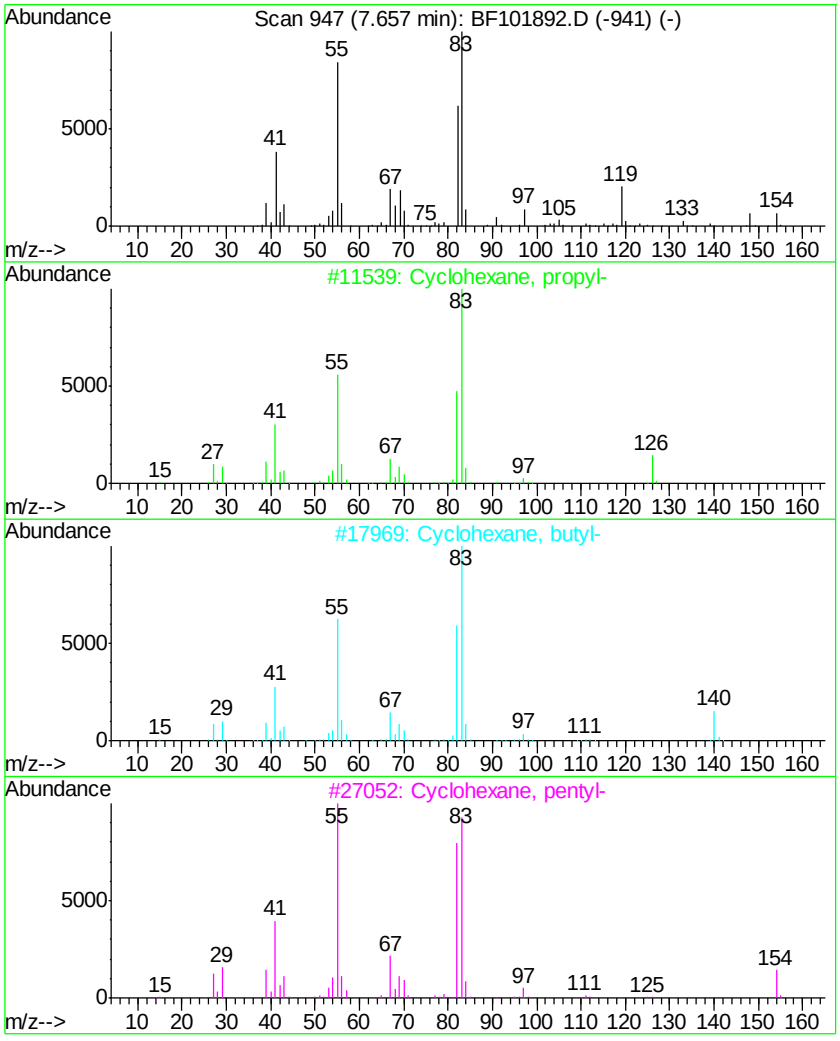
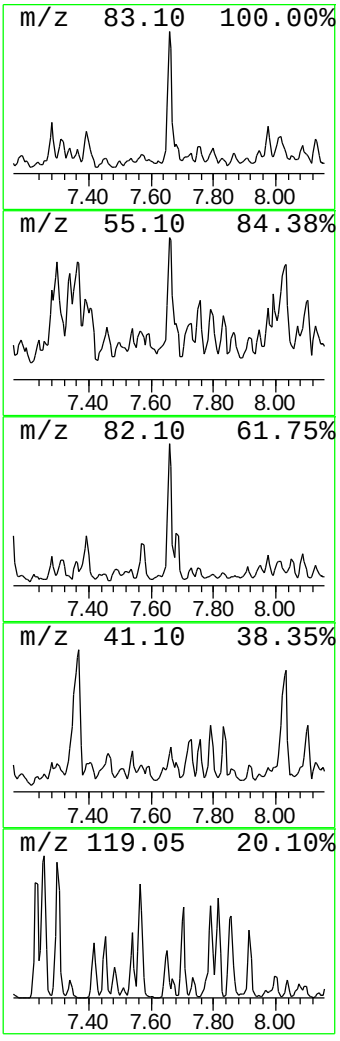
Peak Number 9 Cyclohexane, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	21.44 ng	2968660	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	53
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	43





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Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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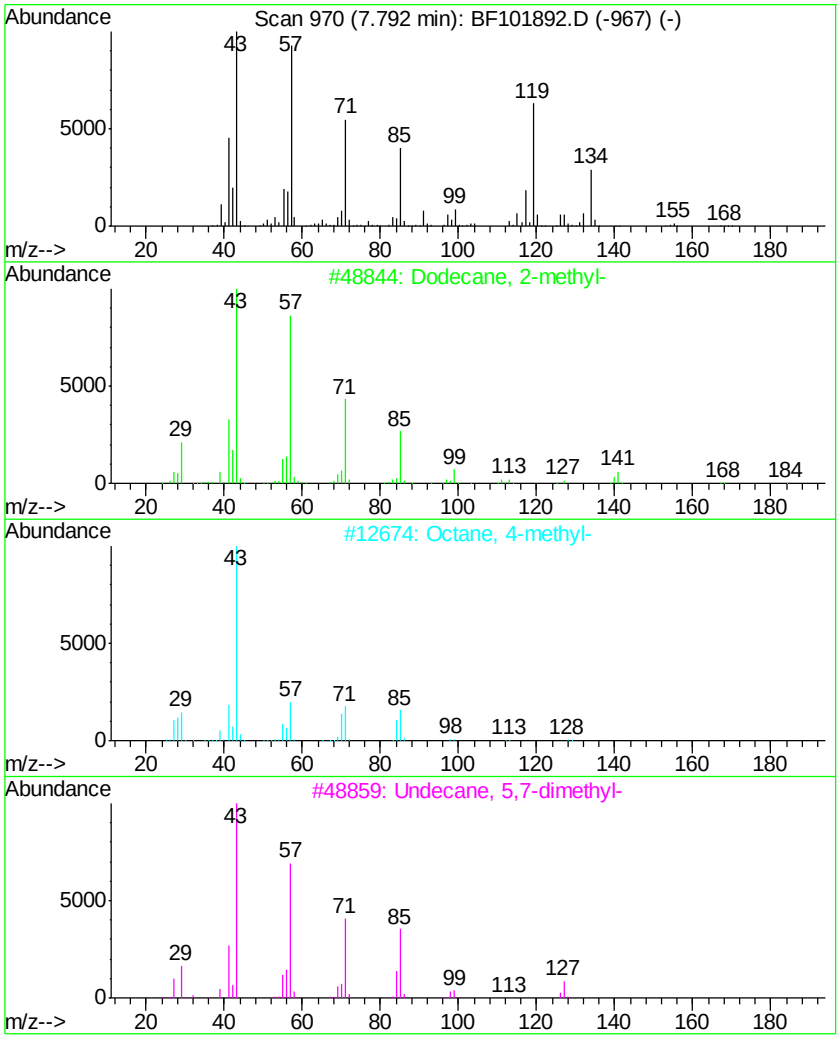
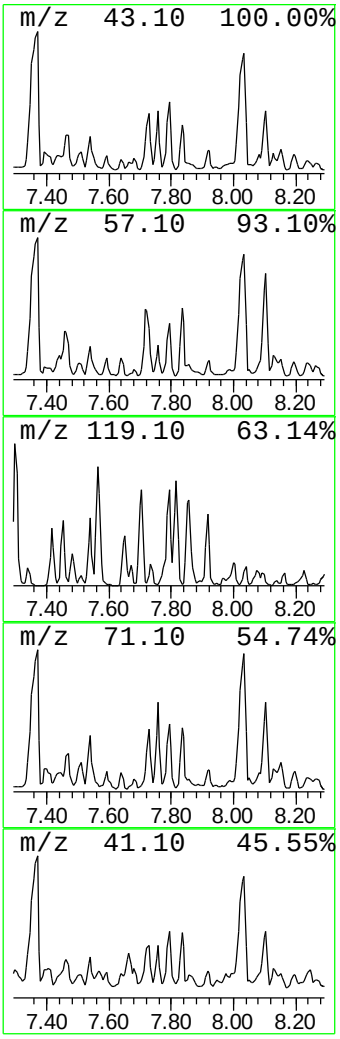
Peak Number 10 unknown7.79 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	27.62 ng	3824660	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	47
2	Octane, 4-methyl-	128	C9H20	002216-34-4	43
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	38
4	o-Cymene	134	C10H14	000527-84-4	38
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	35





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Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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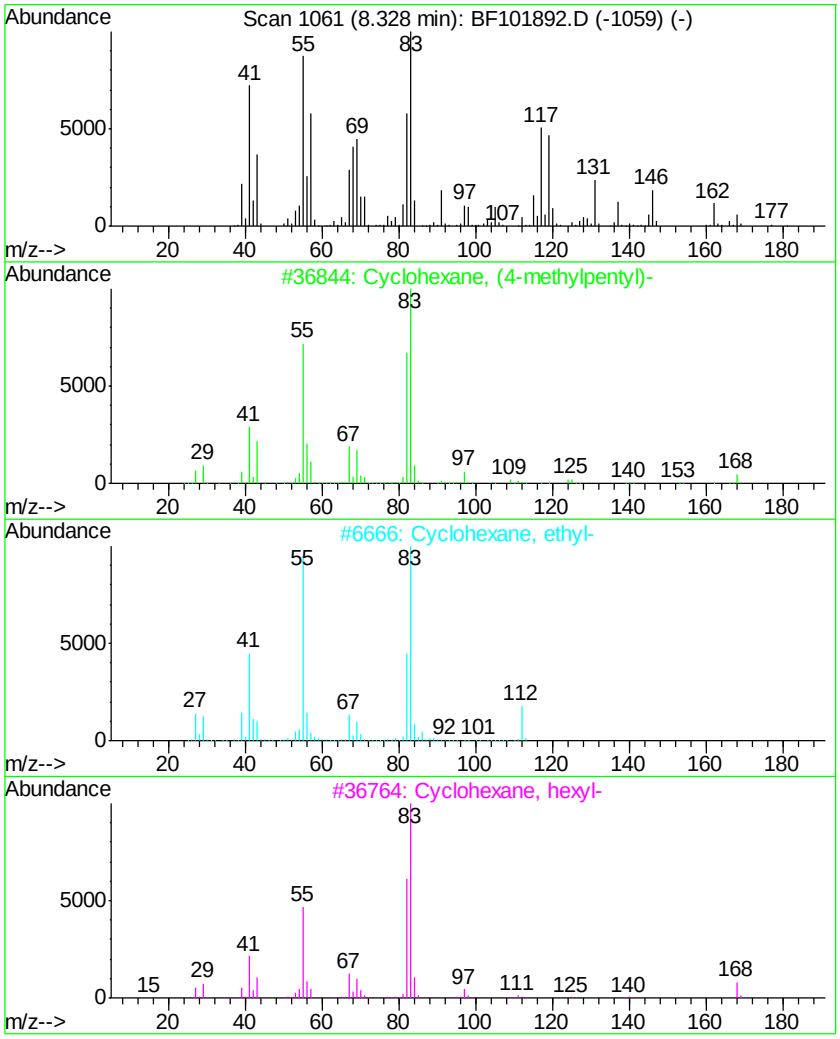
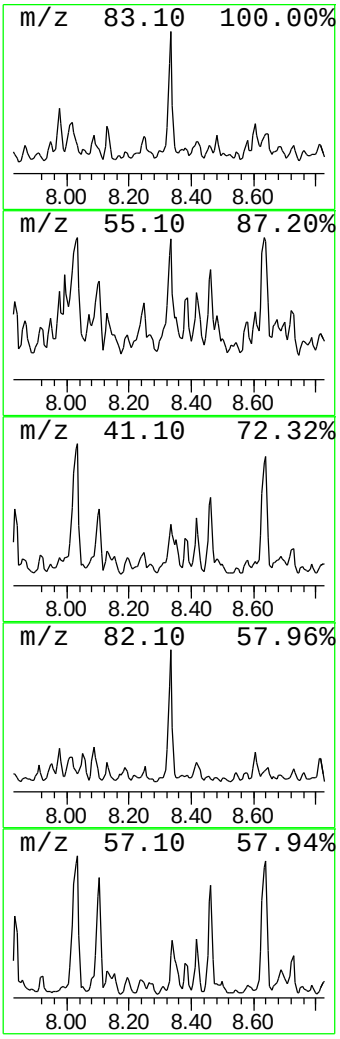
Peak Number 11 unknown8.33 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	25.72 ng	3562180	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	38
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	35





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Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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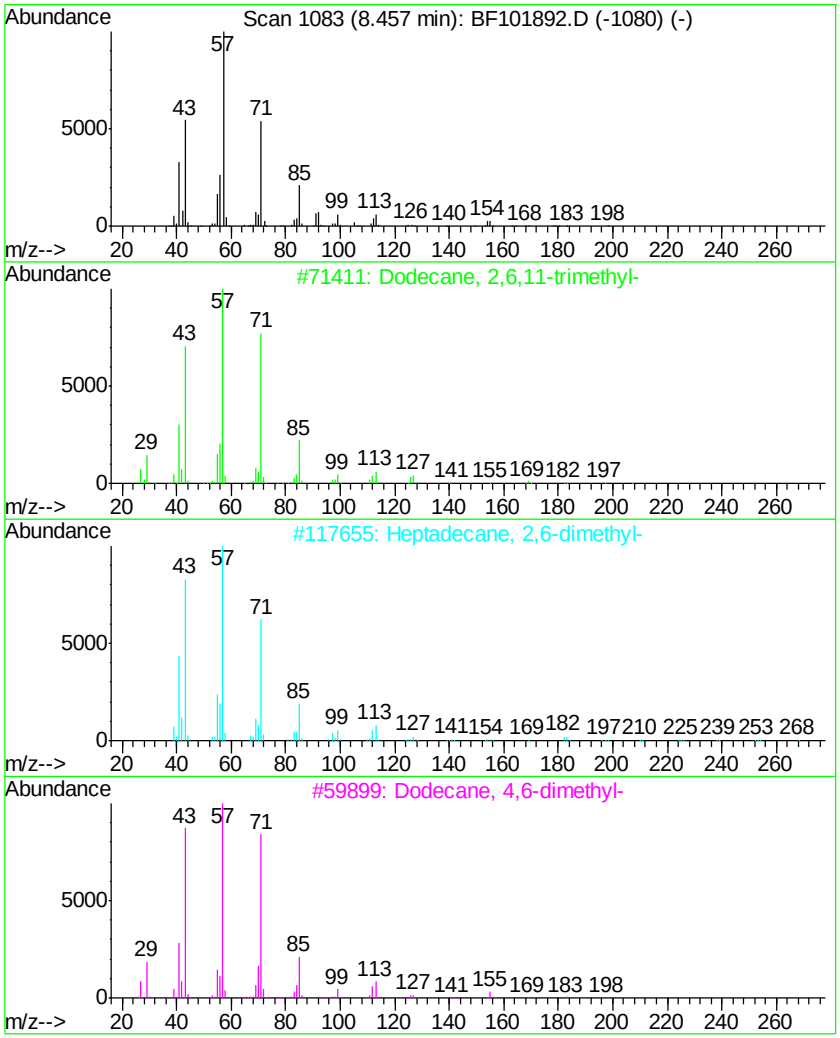
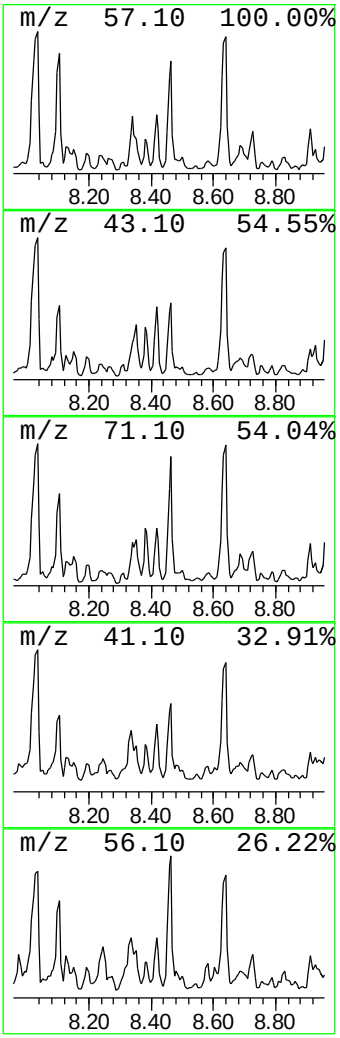
Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	21.73 ng	3009190	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	83
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53





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Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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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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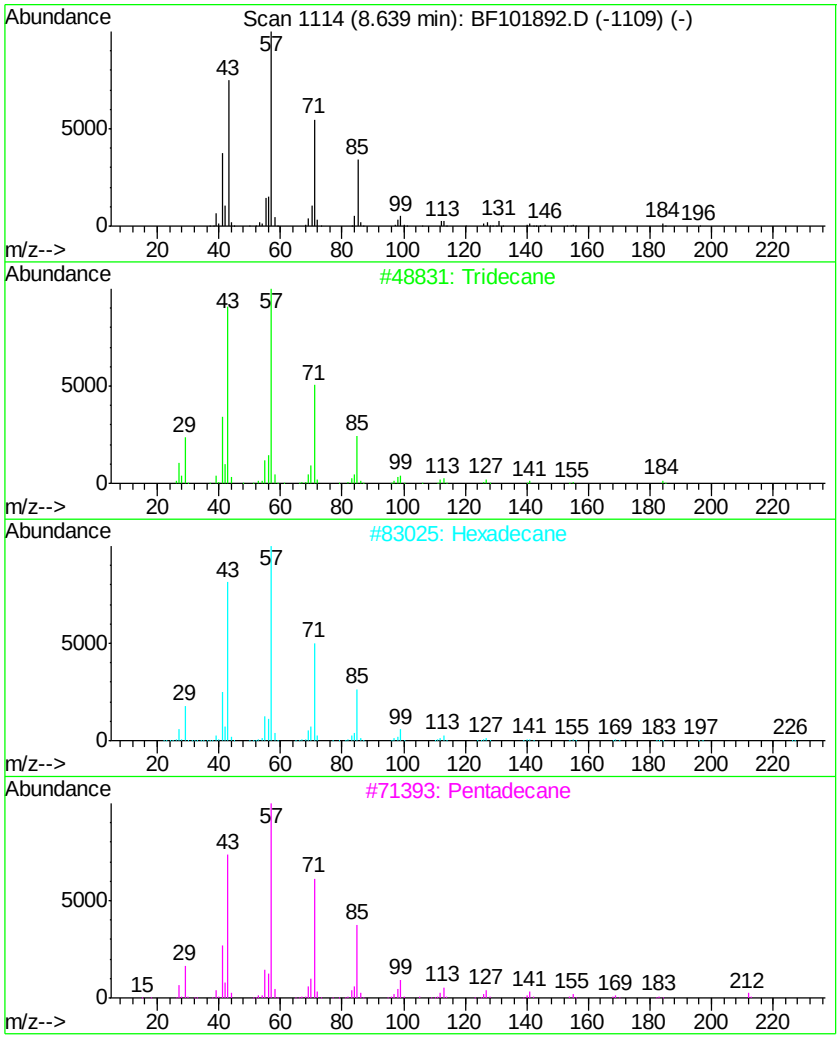
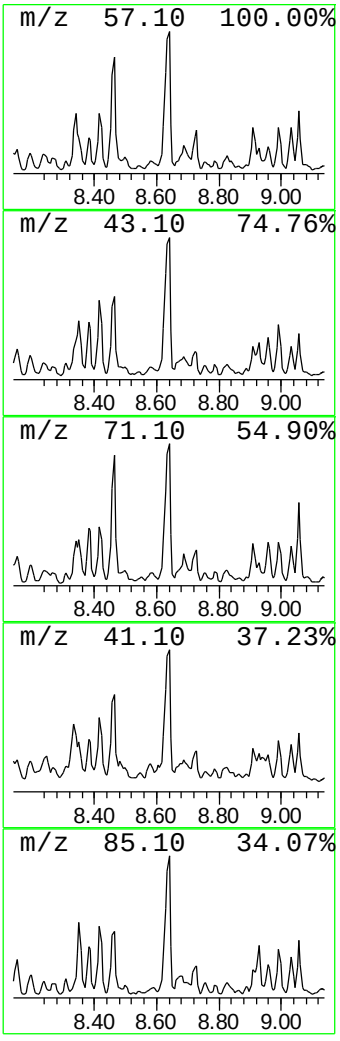
Peak Number 13 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	37.26 ng	5159900	Naphthalene-d8	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Library Search Compound Report

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Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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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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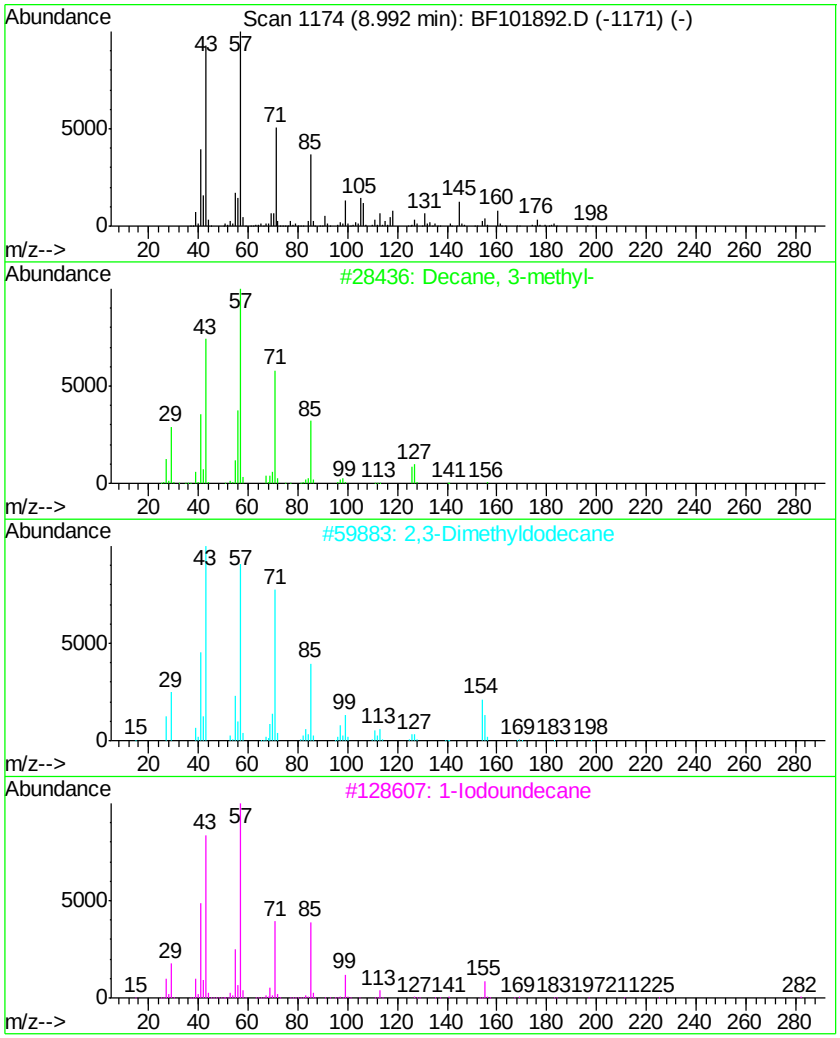
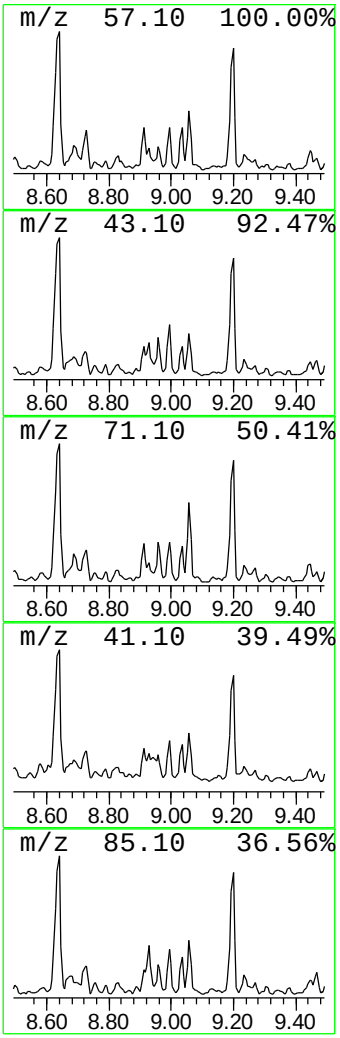
Peak Number 14 Decane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	31.94 ng	1380270	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	53
2	2,3-Dimethyldodecane	198	C14H30	006117-98-2	53
3	1-Iodoundecane	282	C11H23I	004282-44-4	53
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	47





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Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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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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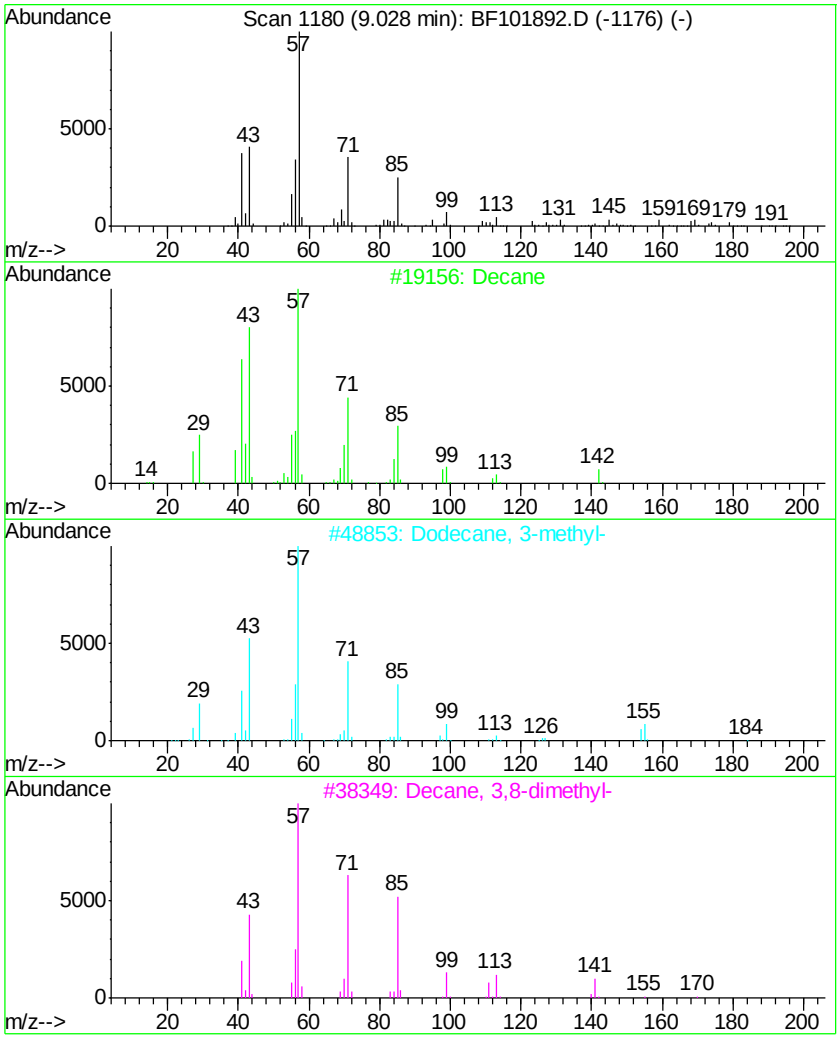
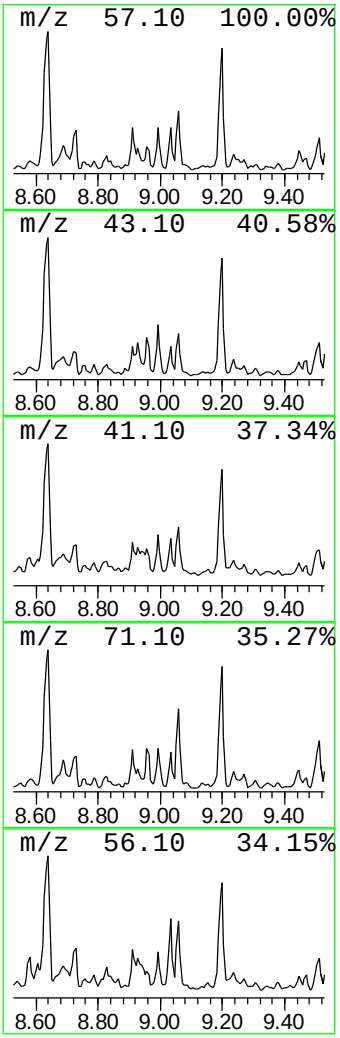
Peak Number 15 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	26.87 ng	1161030	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	72
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
4	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	72
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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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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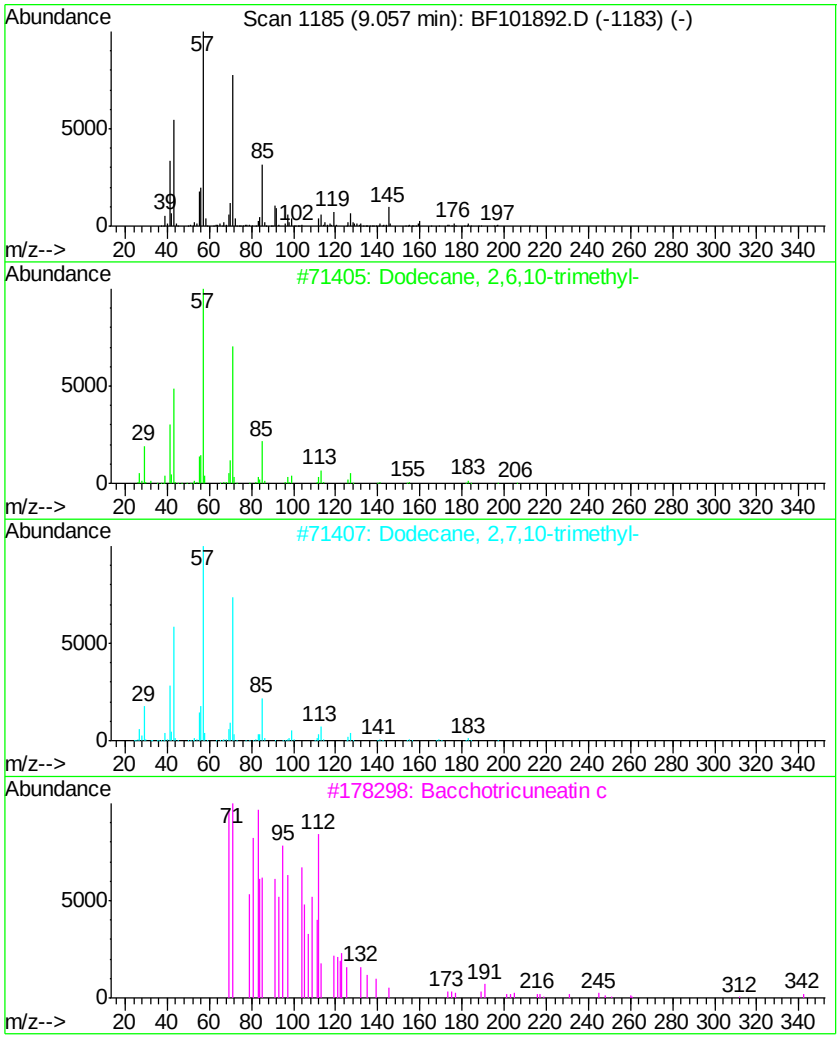
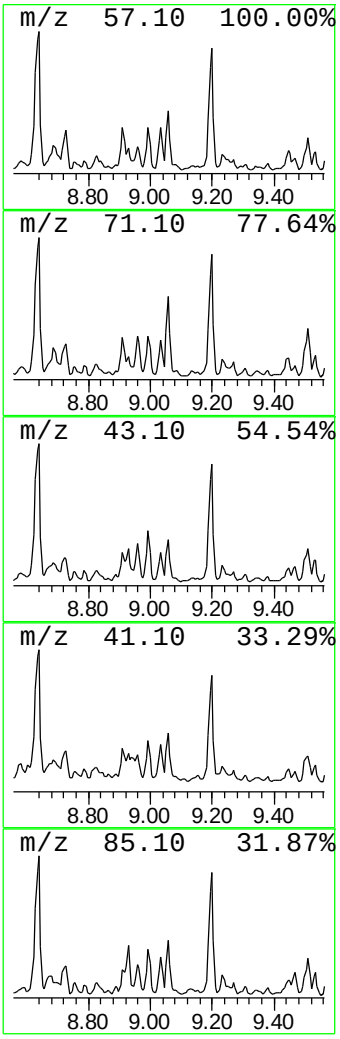
Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	35.89 ng	1550960	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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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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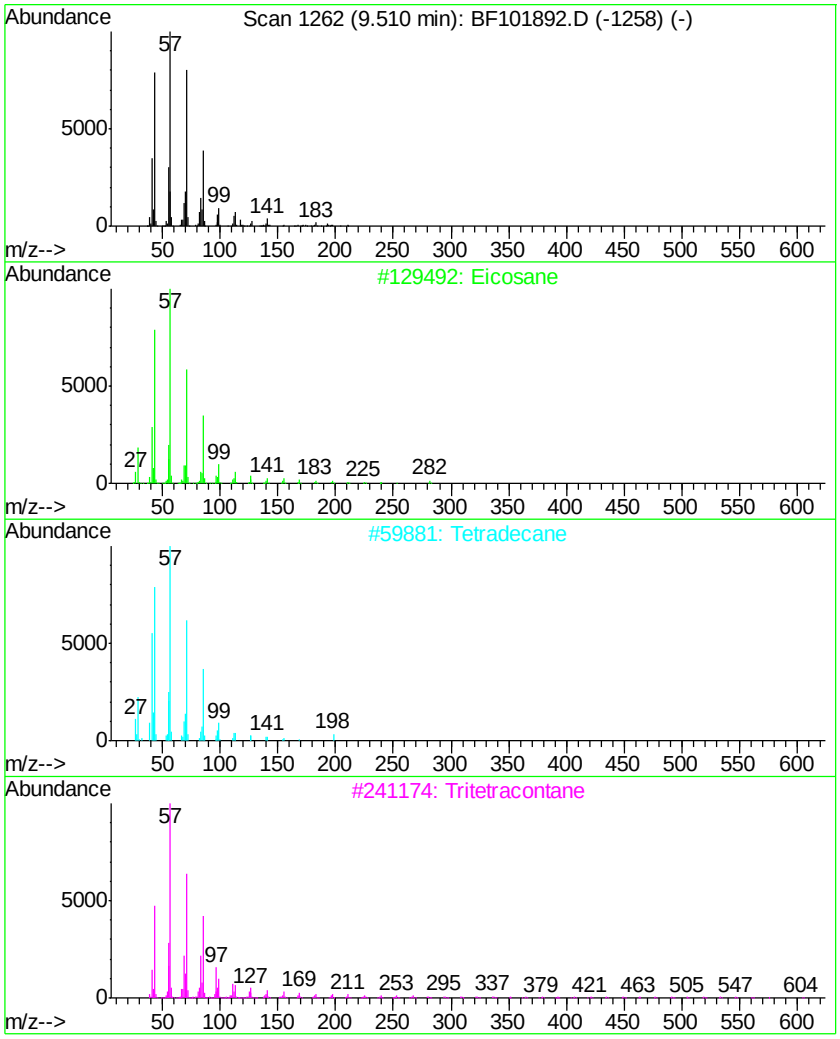
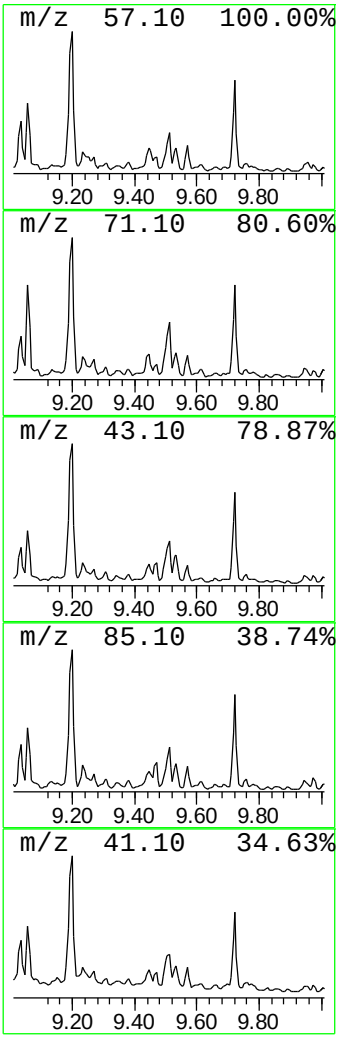
Peak Number 17 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	32.77 ng	1416370	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tritetracontane	605	C43H88	007098-21-7	83
4	Heneicosane	296	C21H44	000629-94-7	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





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Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

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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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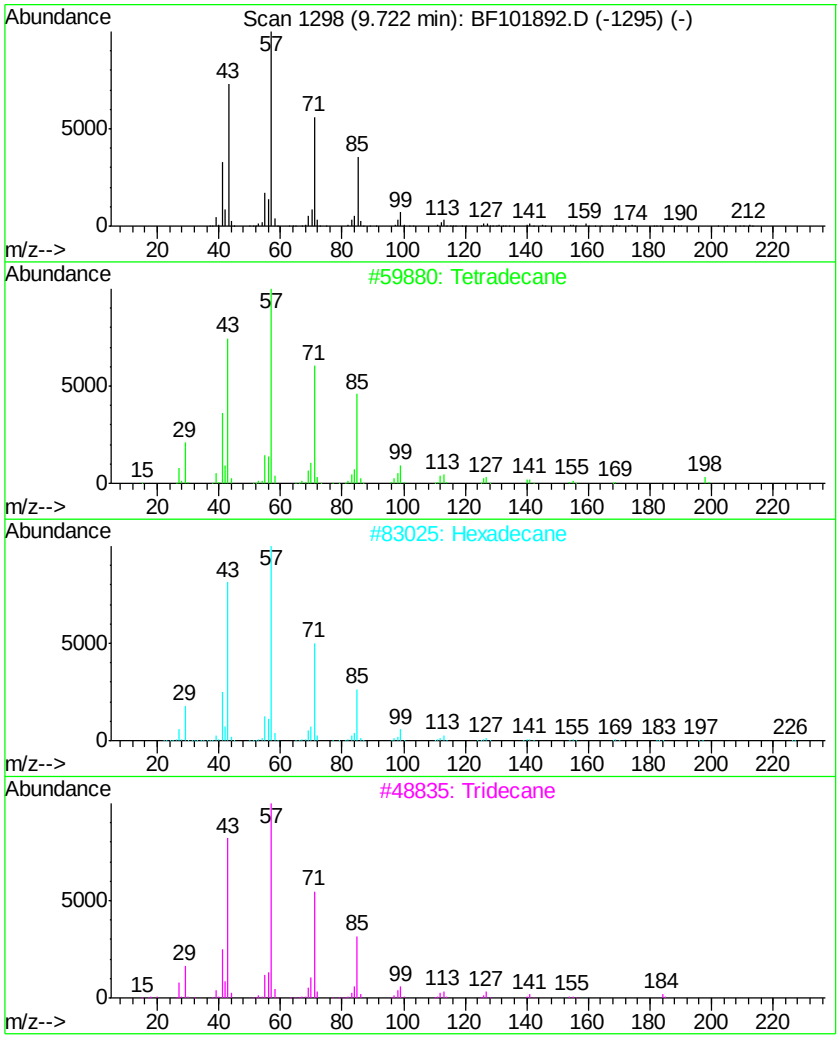
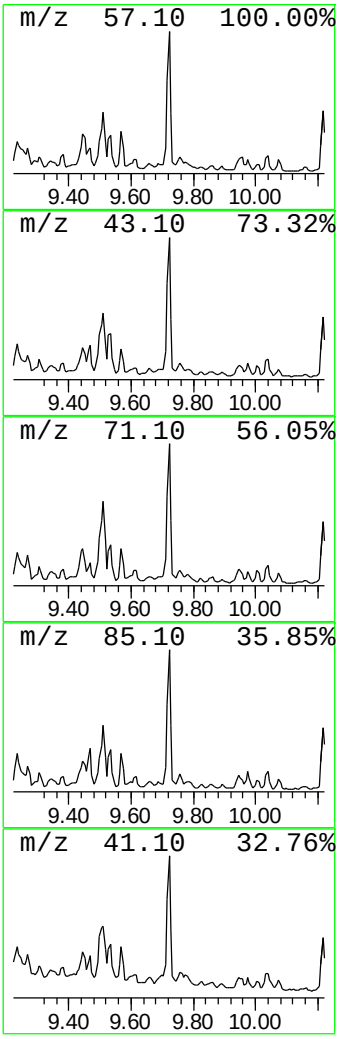
Peak Number 18 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	46.74 ng	2019780	Acenaphthene-d10	9.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	83
4	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	72
5	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	64





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Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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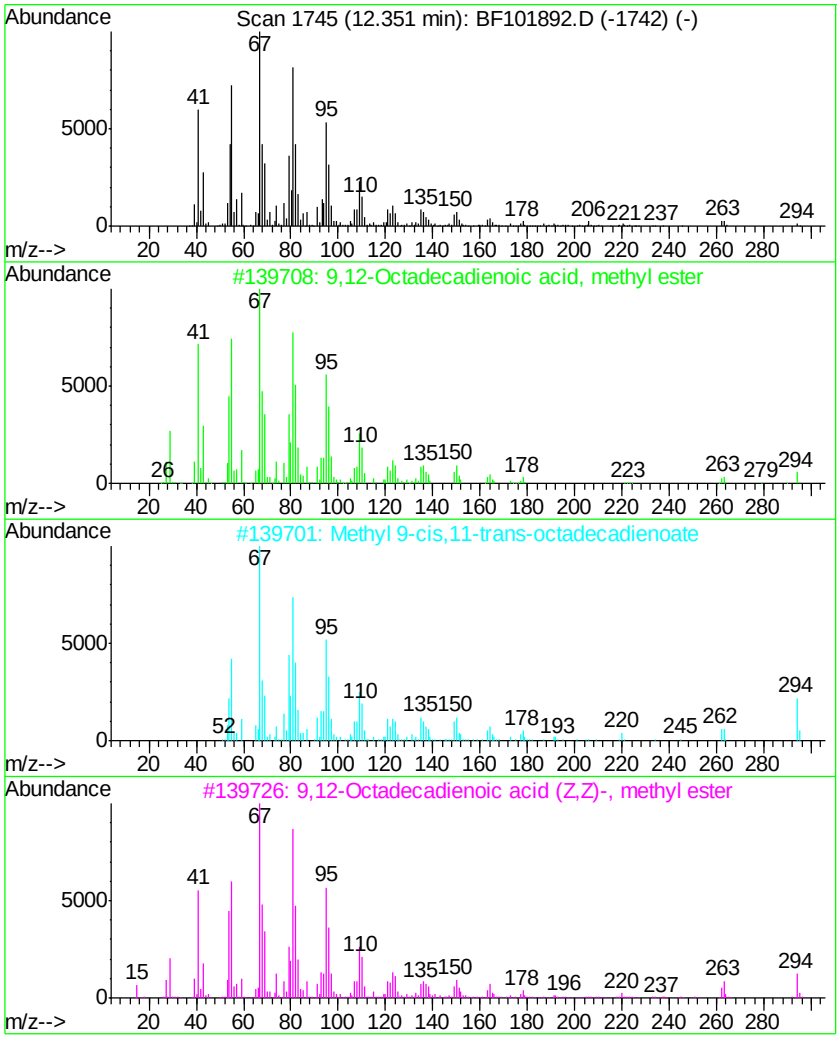
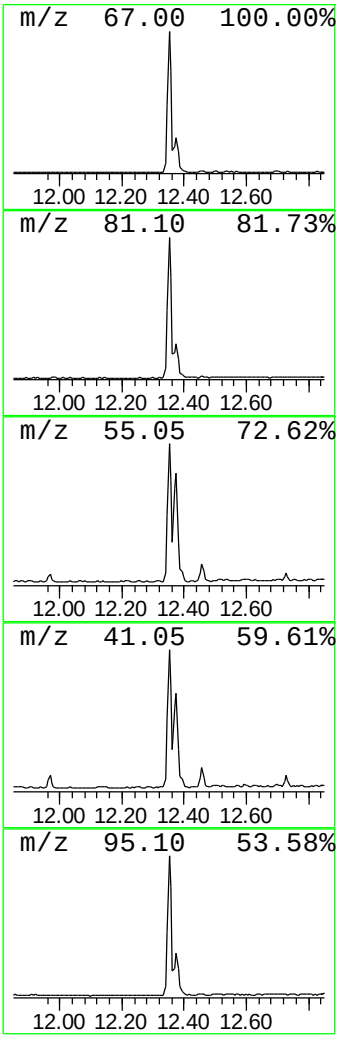
Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	43.18 ng	1661460	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

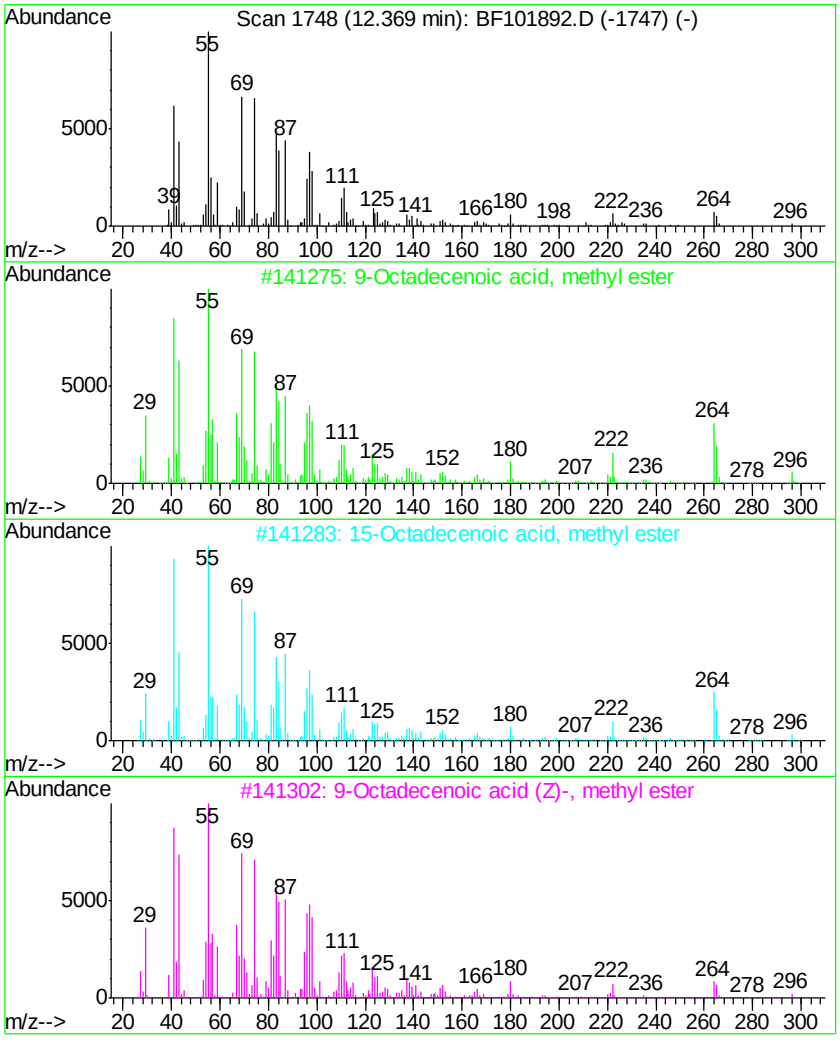
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

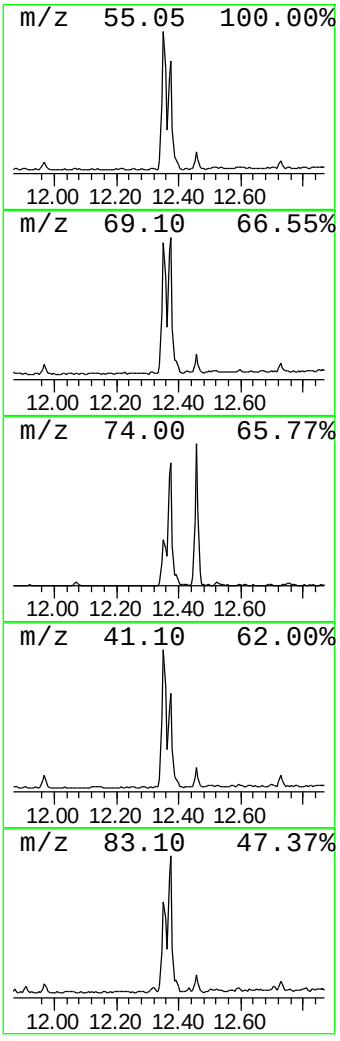
****

Peak Number 20 9-Octadecenoic acid, methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	27.85 ng	1071790	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	96
5	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010418\
Data File : BF101892.D
Acq On : 4 Jan 2018 15:53
Operator : SJ/JU
Sample : J1011-03 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-010318-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
Nonane	5.66	24.6	ng	4120040	1	6.77	3351980	20.0
Octane, 2,6-dimet...	6.00	22.6	ng	3782730	1	6.77	3351980	20.0
Benzene, 1-ethyl-...	6.29	27.9	ng	4667650	1	6.77	3351980	20.0
Benzene, 1-methyl...	7.03	28.4	ng	4759830	1	6.77	3351980	20.0
Decane, 2,9-dimet...	7.10	29.3	ng	4918080	1	6.77	3351980	20.0
unknown7.46	7.46	24.9	ng	3449850	2	8.06	2769920	20.0
Cyclohexane, propyl-	7.66	21.4	ng	2968660	2	8.06	2769920	20.0
unknown7.79	7.79	27.6	ng	3824660	2	8.06	2769920	20.0
unknown8.33	8.33	25.7	ng	3562180	2	8.06	2769920	20.0
Dodecane, 2,6,11-...	8.46	21.7	ng	3009190	2	8.06	2769920	20.0
Tridecane	8.64	37.3	ng	5159900	2	8.06	2769920	20.0
Decane, 3-methyl-	8.99	31.9	ng	1380270	3	9.81	864322	20.0
Decane	9.03	26.9	ng	1161030	3	9.81	864322	20.0
Dodecane, 2,6,10-...	9.06	35.9	ng	1550960	3	9.81	864322	20.0
Eicosane	9.51	32.8	ng	1416370	3	9.81	864322	20.0
Tetradecane	9.72	46.7	ng	2019780	3	9.81	864322	20.0
9,12-Octadecadien...	12.35	43.2	ng	1661460	4	11.30	769627	20.0
9-Octadecenoic ac...	12.37	27.9	ng	1071790	4	11.30	769627	20.0