LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\Data\BF071717\
Data File : BF096818.D
Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

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-BF071317.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	5.222	547	550	557	rVV	2397207	2467552	46.61%	1.900%
2	5.522	596	601	605	rBV	592770	587658	11.10%	0.452%
3	5.863	656	659	665	rVB3	850040	1009836	19.07%	0.778%
4	6.069	686	694	698	rBV2	454685	826531	15.61%	0.636%
5	6.140	701	706	707	rVV3	661417	1015276	19.18%	0.782%
6	6.157	707	709	716	rVB2	667920	925702	17.49%	0.713%
7	6.216	716	719	723	rBV	1035541	950709	17.96%	0.732%
8	6.269	723	728	730	rBV	2446473	2752120	51.98%	2.119%
9	6.298	730	733	735	rVV	493394	528657	9.99%	0.407%
10	6.357	739	743	745	rBV2	402647	524037	9.90%	0.404%
11	6.387	745	748	752	rVV	2903320	2760244	52.14%	2.125%
12	6.445	755	758	759	rVV	1177906	1106488	20.90%	0.852%
13	6.469	759	762	766	rVB	2608987	2360535	44.59%	1.818%
14	6.575	774	780	782	rBV3	423213	649256	12.26%	0.500%
15	6.610	782	786	789	rVV2	979716	1011603	19.11%	0.779%
16	6.645	789	792	795	rVB2	1270272	1017627	19.22%	0.784%
17	6.675	795	797	803	rBV3	795957	975135	18.42%	0.751%
18	6.769	807	813	822	rVB4	2672946	4114349	77.72%	3.168%
19	6.869	826	830	832	rBV2	545428	579476	10.95%	0.446%
20	6.898	832	835	839	rVV2	814805	1256712	23.74%	0.968%
21	6.939	839	842	845	rVB	1610756	1322303	24.98%	1.018%
22	6.975	845	848	851	rVB	886200	897107	16.95%	0.691%
23	7.016	851	855	858	rBV3	1347352	1458587	27.55%	1.123%
24	7.163	875	880	881	rBV3	1480510	1818078	34.34%	1.400%
25	7.175	881	882	886	rVV2	1678970	1547250	29.23%	1.191%
26	7.234	889	892	895	rVV	3451131	3309146	62.51%	2.548%
27	7.275	895	899	902	rVB3	873283	997776	18.85%	0.768%
28	7.345	908	911	913	rVB3	806400	825729	15.60%	0.636%
29	7.392	913	919	921	rVB3	601657	672060	12.69%	0.517%
30	7.422	921	924	929	rVB3	1535114	1823484	34.44%	1.404%
31	7.539	937	944	946	rBV5	917144	1712357	32.34%	1.318%
32	7.569	946	949	951	rVV3	532563	651237	12.30%	0.501%
33	7.598	951	954	957	rVB3	631437	828257	15.64%	0.638%
34	7.639	957	961	964	rBV4	1531146	1936722	36.58%	1.491%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

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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-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.669	964	966	969	rVB4	1458482	1408988	26.61%	1.085%
36	7.716	971	974	975	rBV	953582	900238	17.00%	0.693%
37	7.739	975	978	981	rVB3	1372734	1402095	26.48%	1.080%
38	7.810	986	990	993	rBV3	496558	606360	11.45%	0.467%
39	7.863	994	999	1001	rBV4	874901	1213168	22.92%	0.934%
40	7.904	1001	1006	1008	rVV2	3990706	5294082	100.00%	4.076%
41	7.951	1012	1014	1017	rVV2	814915	918998	17.36%	0.708%
42	7.981	1017	1019	1021	rVV	1868533	1381530	26.10%	1.064%
43	8.075	1030	1035	1037	rBV4	693416	959314	18.12%	0.739%
44	8.098	1037	1039	1040	rVV	820089	643203	12.15%	0.495%
45	8.145	1044	1047	1049	rVV2	587348	518900	9.80%	0.400%
46	8.198	1051	1056	1058	rVV5	1030694	1598155	30.19%	1.231%
47	8.228	1059	1061	1064	rVV	807830	729737	13.78%	0.562%
48	8.257	1064	1066	1069	rVV2	1109571	1048279	19.80%	0.807%
49	8.292	1069	1072	1077	rVB5	1352938	1554172	29.36%	1.197%
50	8.339	1077	1080	1084	rBV3	2155396	2379500	44.95%	1.832%
51	8.404	1088	1091	1095	rBV2	1731561	1513642	28.59%	1.165%
52	8.510	1105	1109	1112	rBV	3415170	3468339	65.51%	2.671%
53	8.557	1114	1117	1120	rVV2	1088276	1189869	22.48%	0.916%
54	8.604	1121	1125	1128	rVB4	1069663	1318044	24.90%	1.015%
55	8.722	1143	1145	1147	rVB2	963377	773374	14.61%	0.595%
56	8.786	1153	1156	1158	rBV3	738865	669058	12.64%	0.515%
57	8.810	1158	1160	1163	rVV2	629269	634350	11.98%	0.488%
58	8.839	1163	1165	1168	rVV3	677149	682559	12.89%	0.526%
59	8.869	1168	1170	1174	rVB2	898746	792155	14.96%	0.610%
60	8.910	1174	1177	1179	rBV3	899313	804707	15.20%	0.620%
61	8.939	1179	1182	1184	rVB2	1586083	1331591	25.15%	1.025%
62	8.969	1184	1187	1192	rVB	1924966	2012198	38.01%	1.549%
63	9.075	1200	1205	1208	rBV	3400994	3657992	69.10%	2.817%
64	9.122	1209	1213	1216	rVV2	634085	895819	16.92%	0.690%
65	9.228	1227	1231	1233	rBV3	572969	785787	14.84%	0.605%
66	9.286	1238	1241	1243	rBV2	496496	673511	12.72%	0.519%
67	9.328	1245	1248	1250	rVV3	836890	1033543	19.52%	0.796%
68	9.386	1254	1258	1260	rVV2	1311324	2013297	38.03%	1.550%
69	9.410	1260	1262	1265	rVB2	979215	878620	16.60%	0.677%
70	9.598	1290	1294	1297	rBV	3165187	2764184	52.21%	2.128%
71	9.639	1297	1301	1307	rVB2	1019456	1446730	27.33%	1.114%

LSC Area Percent Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.828	1328	1333	1335	rBV4	728372	1083409	20.46%	0.834%
73	9.851	1335	1337	1340	rVV2	718156	711250	13.43%	0.548%
74	9.916	1346	1348	1352	rVB2	1243903	1061660	20.05%	0.817%
75	9.951	1352	1354	1357	rBV2	570431	611921	11.56%	0.471%
76	10.092	1375	1378	1381	rVB	2545543	2309682	43.63%	1.778%
77	10.316	1411	1416	1418	rBV	1179392	1484923	28.05%	1.143%
78	10.392	1426	1429	1432	rBV	517614	524564	9.91%	0.404%
79	10.427	1432	1435	1438	rVB2	1174478	1191291	22.50%	0.917%
80	10.563	1455	1458	1465	rBV2	2050478	3124096	59.01%	2.406%
81	10.757	1488	1491	1494	rBV3	466856	587554	11.10%	0.452%
82	11.010	1530	1534	1536	rBV	1614292	1397515	26.40%	1.076%
83	11.039	1536	1539	1545	rVB	1217439	1212947	22.91%	0.934%
84	11.433	1603	1606	1609	rVV	1253991	1023200	19.33%	0.788%
85	11.839	1673	1675	1678	rBV	927153	766120	14.47%	0.590%
86	12.227	1738	1741	1743	rVB	721779	639168	12.07%	0.492%
87	12.369	1762	1765	1769	rVV2	543765	578964	10.94%	0.446%
88	12.592	1801	1803	1809	rVB	607695	576167	10.88%	0.444%
89	12.698	1818	1821	1829	rBV2	1066720	1146022	21.65%	0.882%
90	12.833	1842	1844	1849	rVB	601477	593617	11.21%	0.457%
91	12.951	1861	1864	1867	rVB	662248	571388	10.79%	0.440%
92	13.292	1919	1922	1925	rVB	808730	709245	13.40%	0.546%
93	13.621	1975	1978	1983	rVB	779085	829511	15.67%	0.639%
94	13.745	1995	1999	2002	rBV2	1799295	1843203	34.82%	1.419%
95	13.898	2022	2025	2026	rBV	583180	592013	11.18%	0.456%
96	13.939	2029	2032	2040	rVB2	790686	1191908	22.51%	0.918%
97	14.092	2053	2058	2065	rBV2	727491	1538204	29.06%	1.184%
98	14.239	2080	2083	2086	rBV	724830	707707	13.37%	0.545%
99	14.533	2130	2133	2136	rBV	584110	554708	10.48%	0.427%
100	18.733	2838	2847	2858	rVB4	512835	1594877	30.13%	1.228%

Sum of corrected areas: 129872518

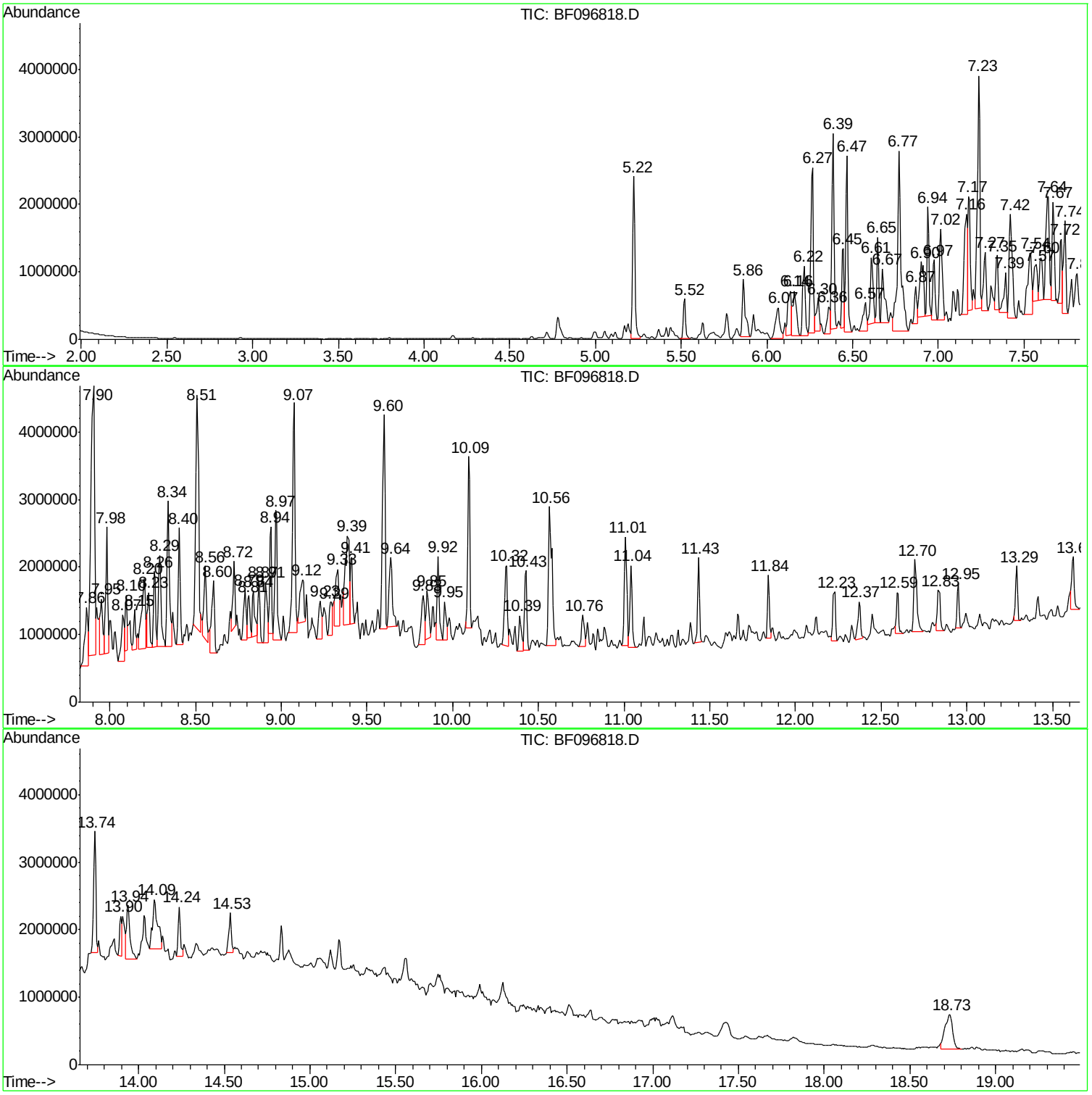
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\Data\BF071717\
Data File : BF096818.D
Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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\BF071717\
Data File : BF096818.D
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Sample : I4030-05
Misc :
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Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

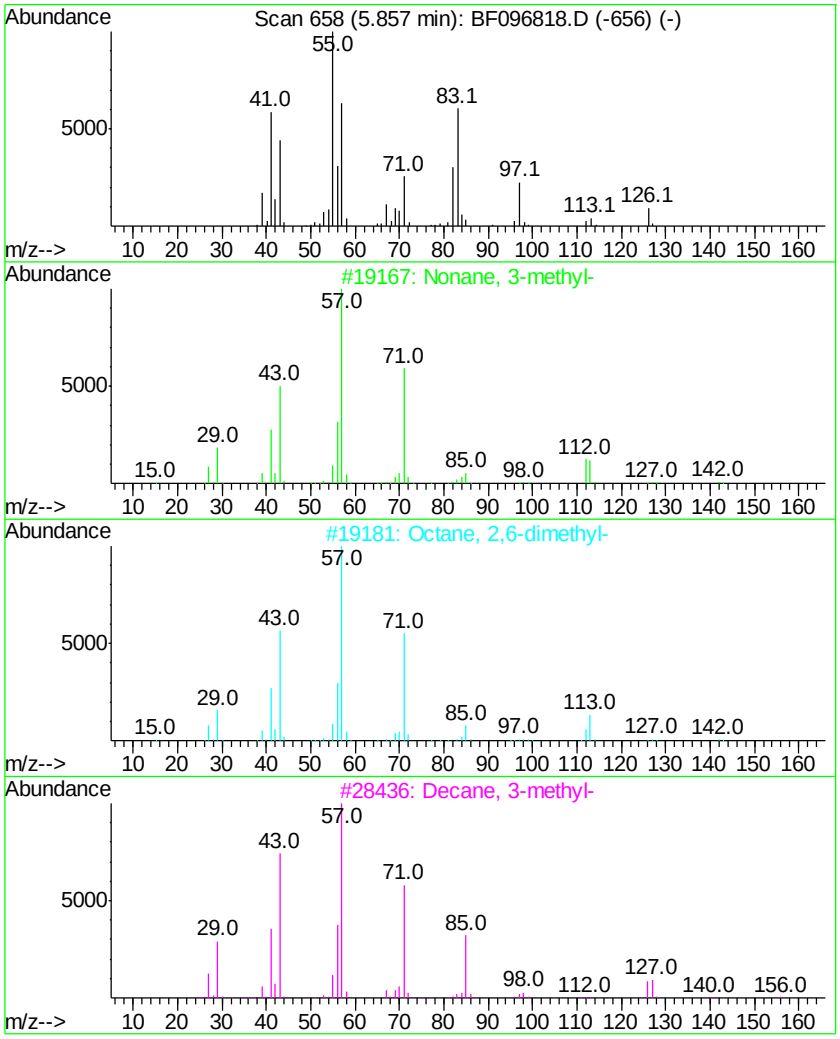
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

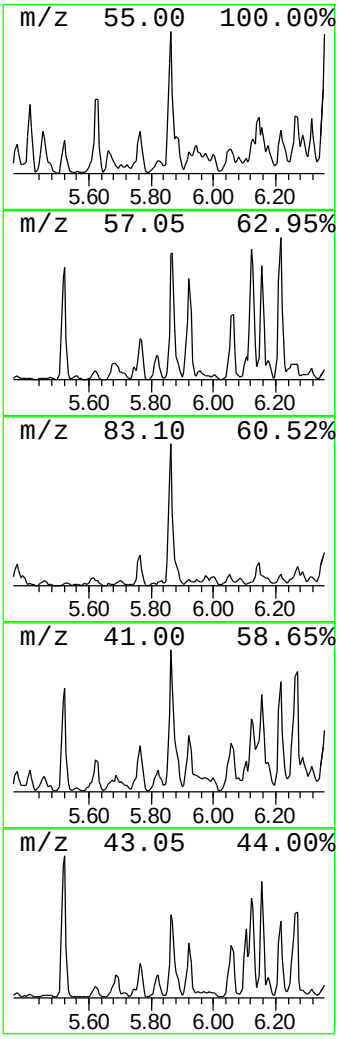
****

Peak Number 1 Nonane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	19.97 ng	1009840	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
3	Decane, 3-methyl-	156	C11H24	013151-34-3	38
4	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	35





Data Path : Z:\HPCHEM1\BNA F\Data\BF071717\
Data File : BF096818.D
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Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

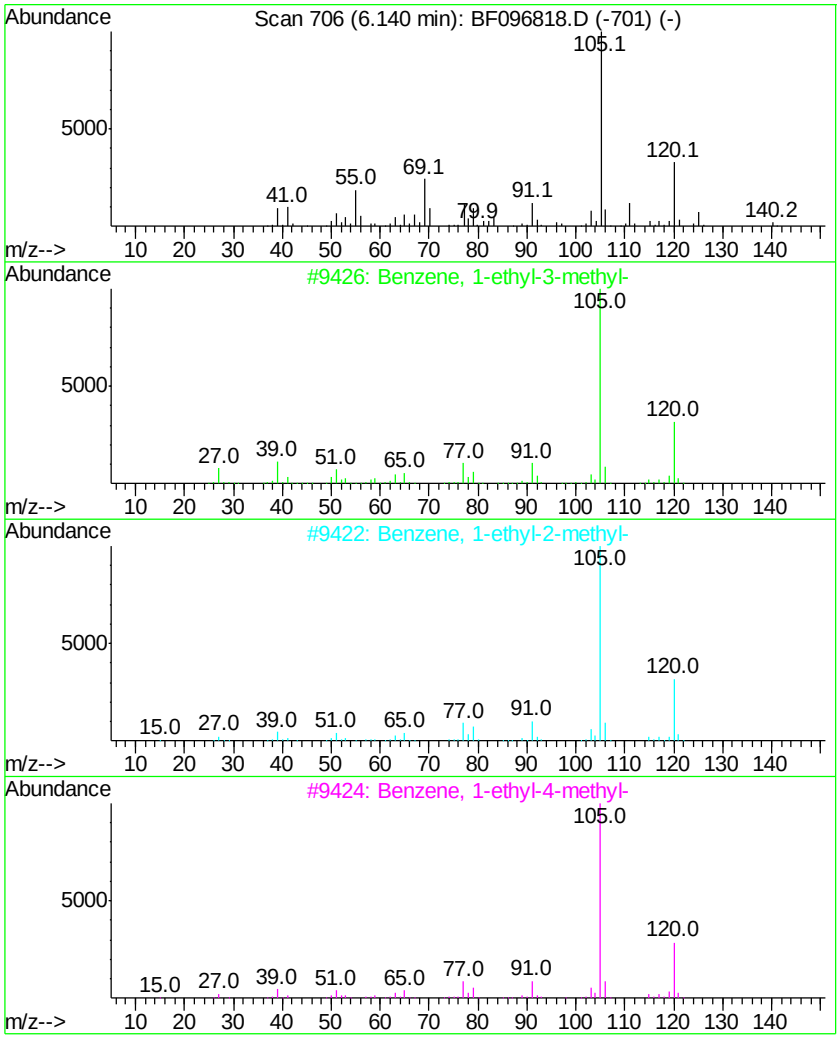
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

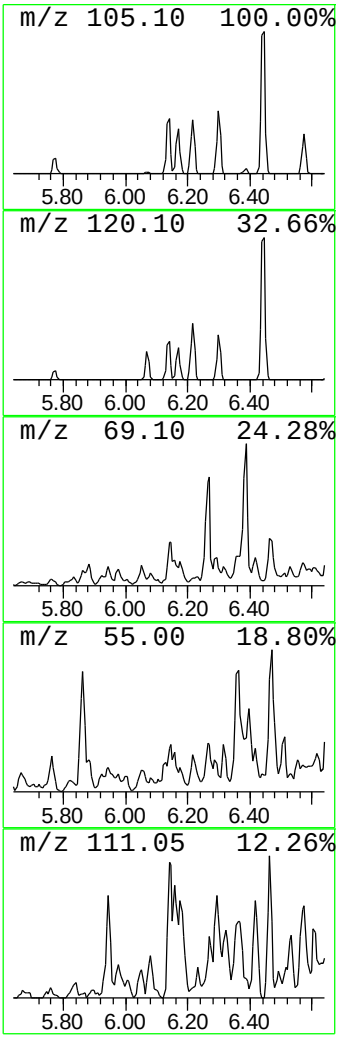
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	20.07 ng	1015280	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





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Operator : SJ/JU
Sample : I4030-05
Misc :
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Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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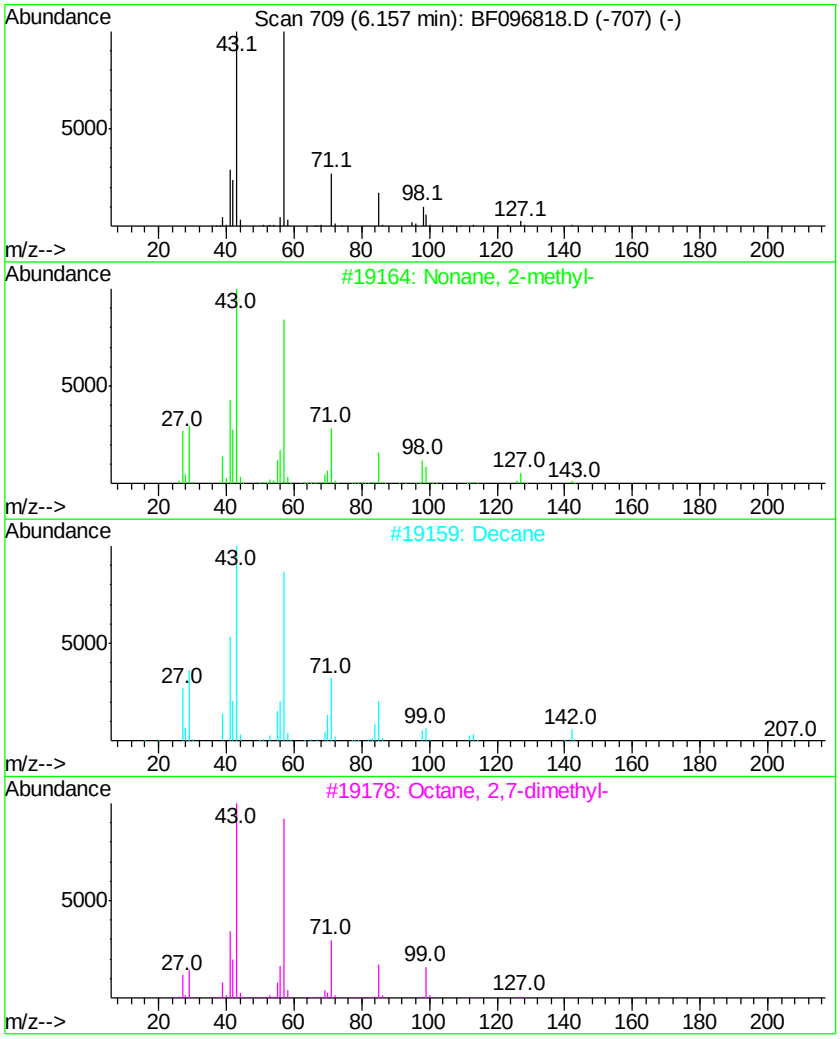
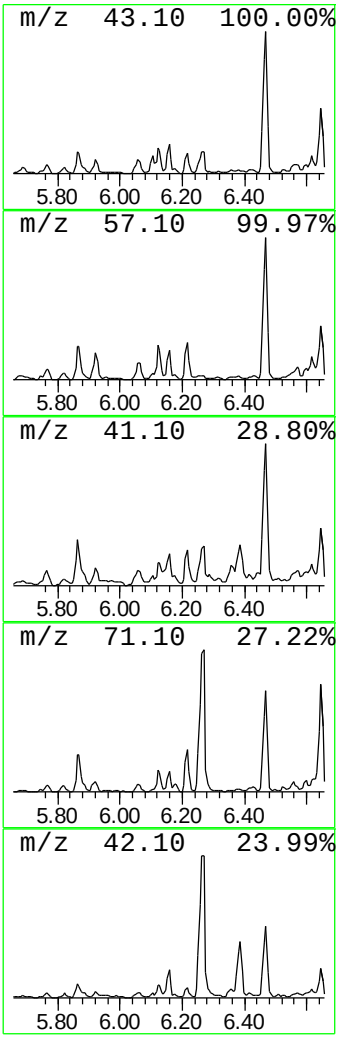
Peak Number 3 Nonane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	18.30 ng	925702	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	72
2	Decane	142	C10H22	000124-18-5	59
3	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	59
4	1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-52-7	50
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50





Data Path : Z:\HPCHEM1\BNA F\Data\BF071717\
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Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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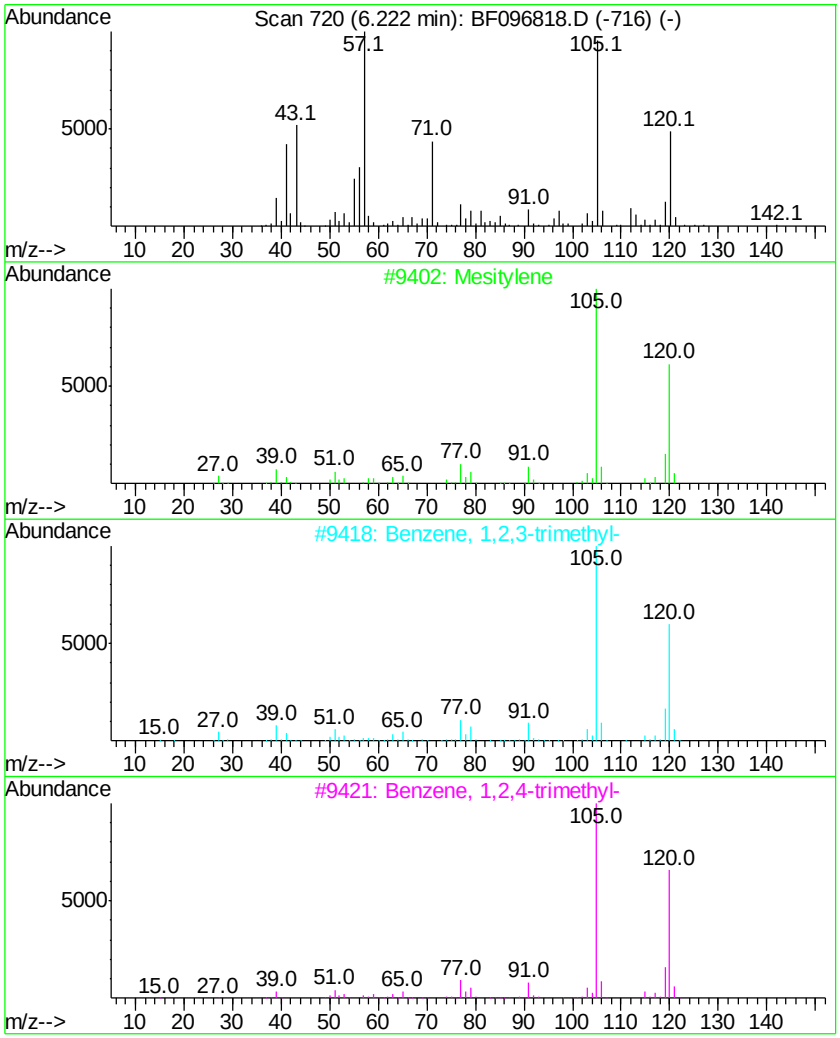
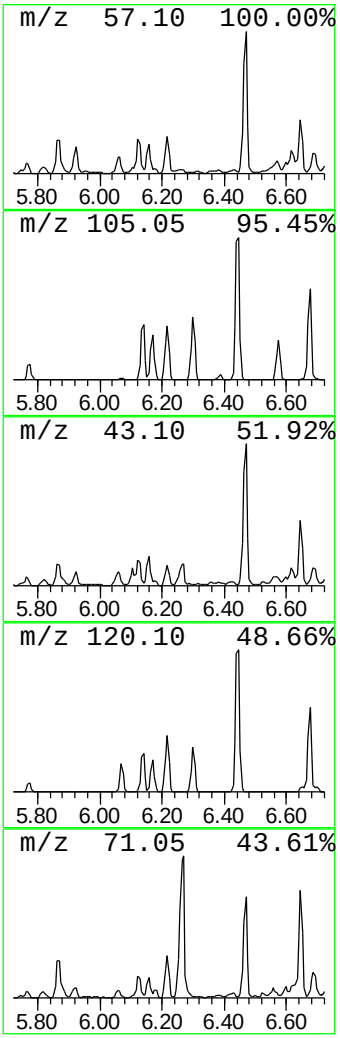
Peak Number 4 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	18.80 ng	950709	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	89
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	89
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80





Data Path : Z:\HPCHEM1\BNA F\Data\BF071717\
Data File : BF096818.D
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Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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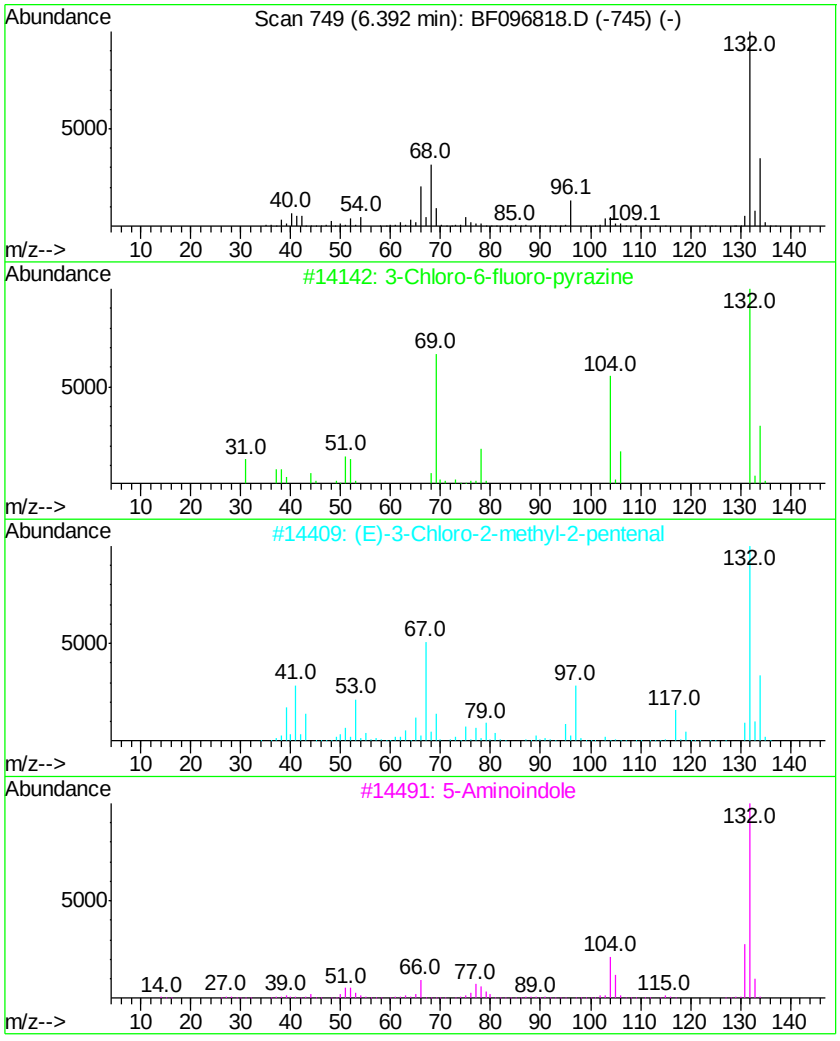
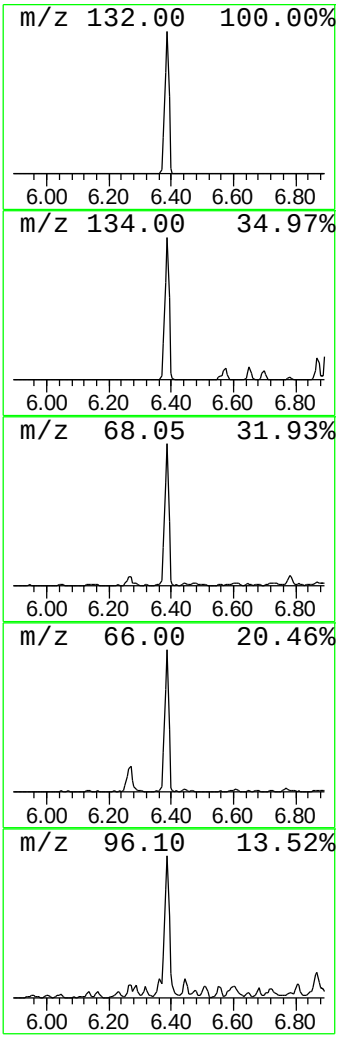
Peak Number 5 unknown6.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	54.57 ng	2760240	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\Data\BF071717\
Data File : BF096818.D
Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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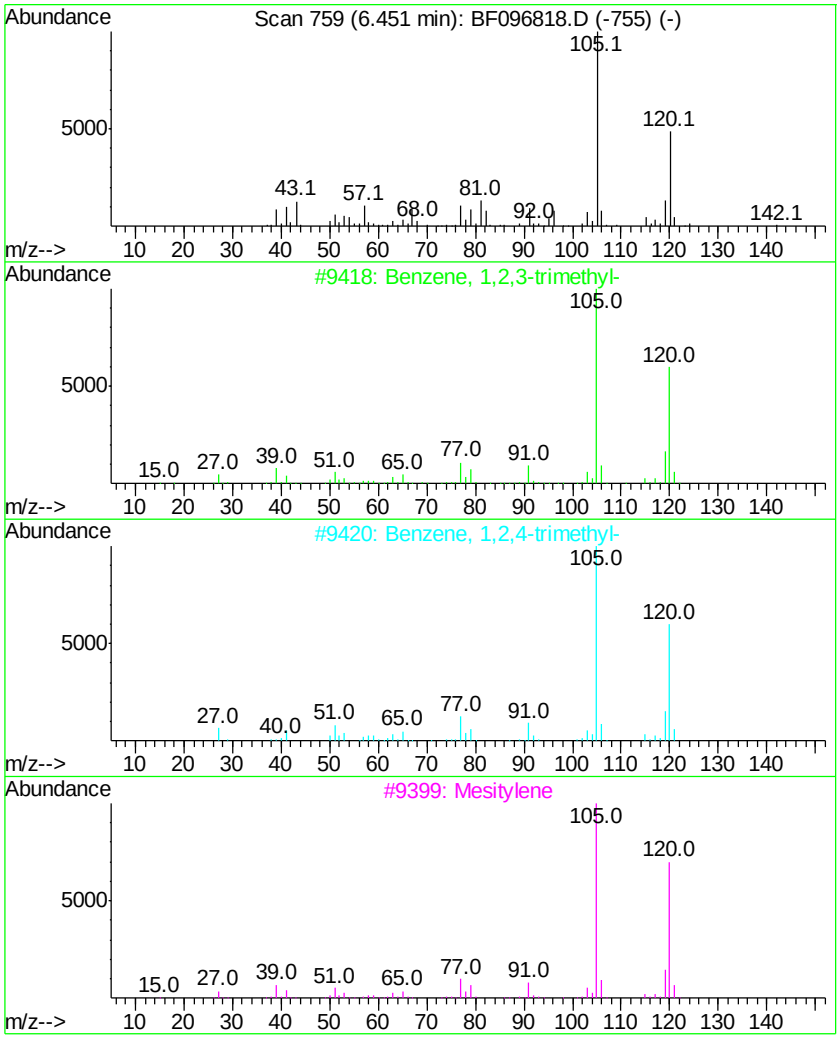
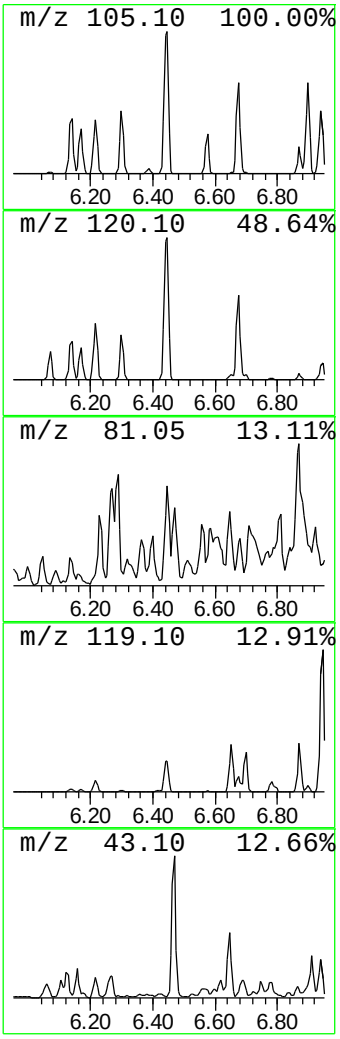
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	21.88 ng	1106490	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

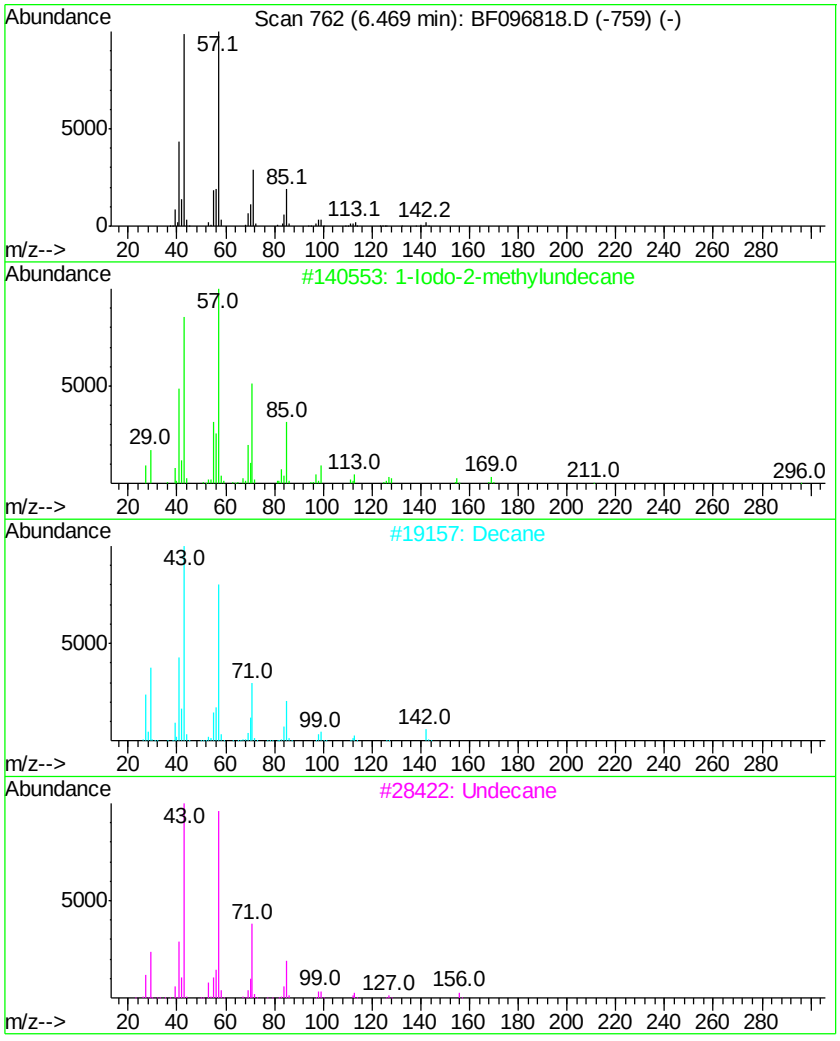
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

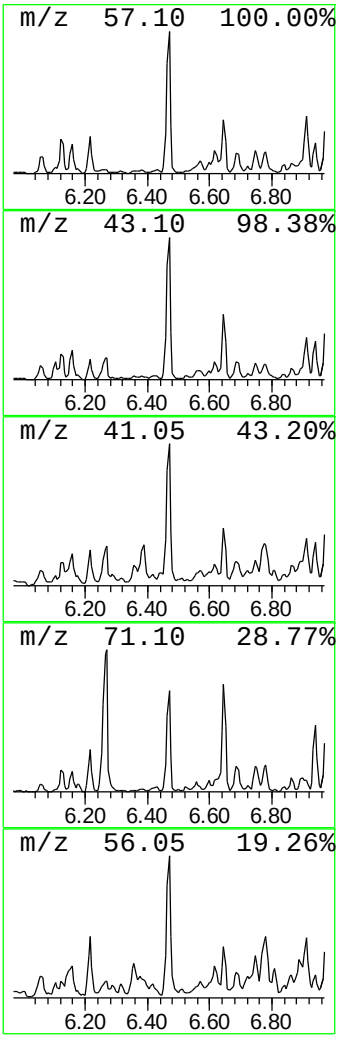
****

Peak Number 7 1-Iodo-2-methylundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	46.67 ng	2360540	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
2	Decane	142	C10H22	000124-18-5	78
3	Undecane	156	C11H24	001120-21-4	78
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	72
5	Nonane, 2-methyl-	142	C10H22	000871-83-0	72





Library Search Compound Report

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Sample : I4030-05
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Instrument : BNA_F
ClientSampleId : D5

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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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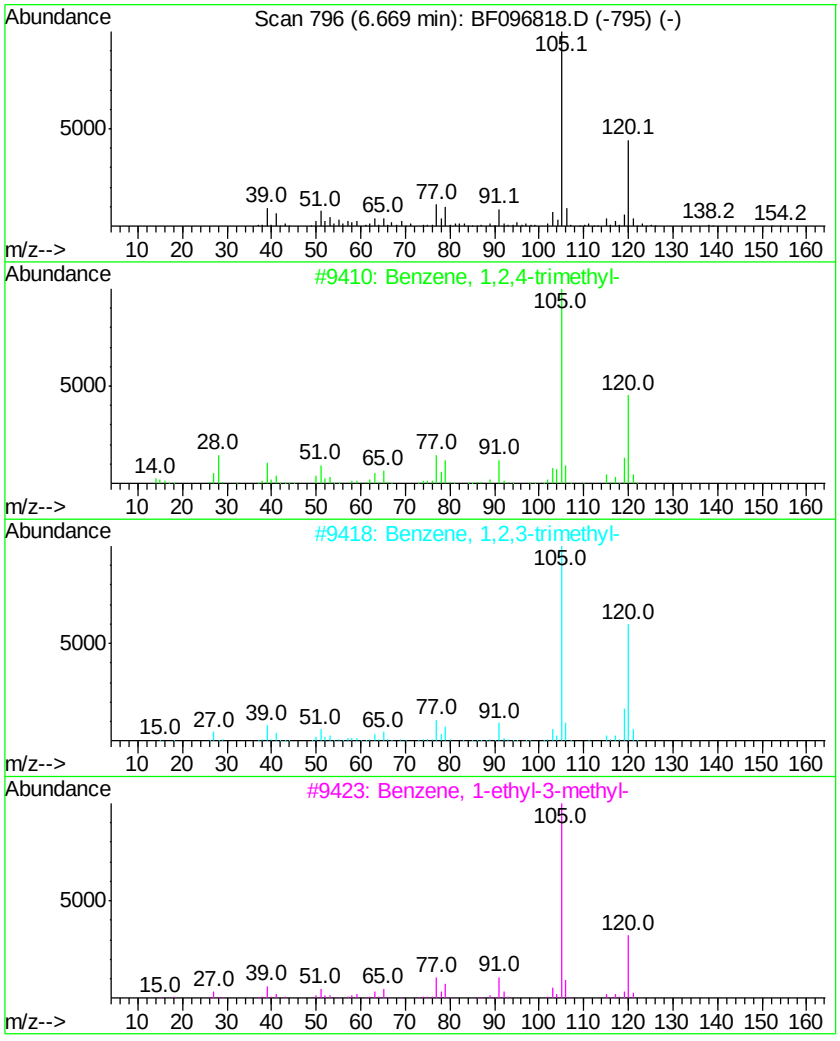
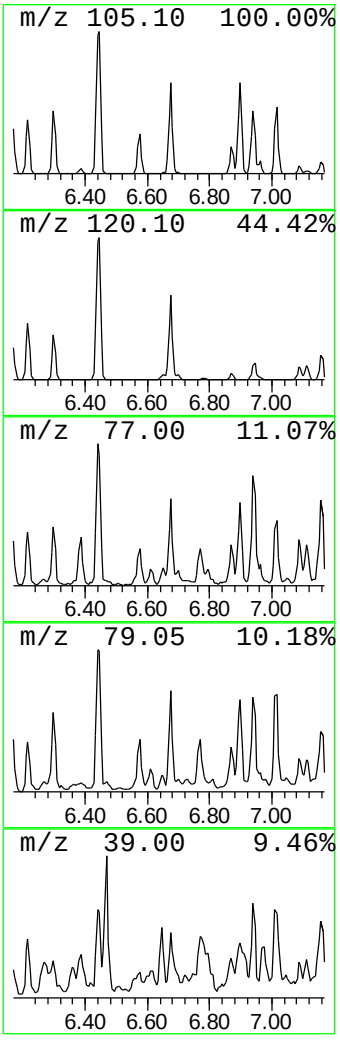
Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	19.28 ng	975135	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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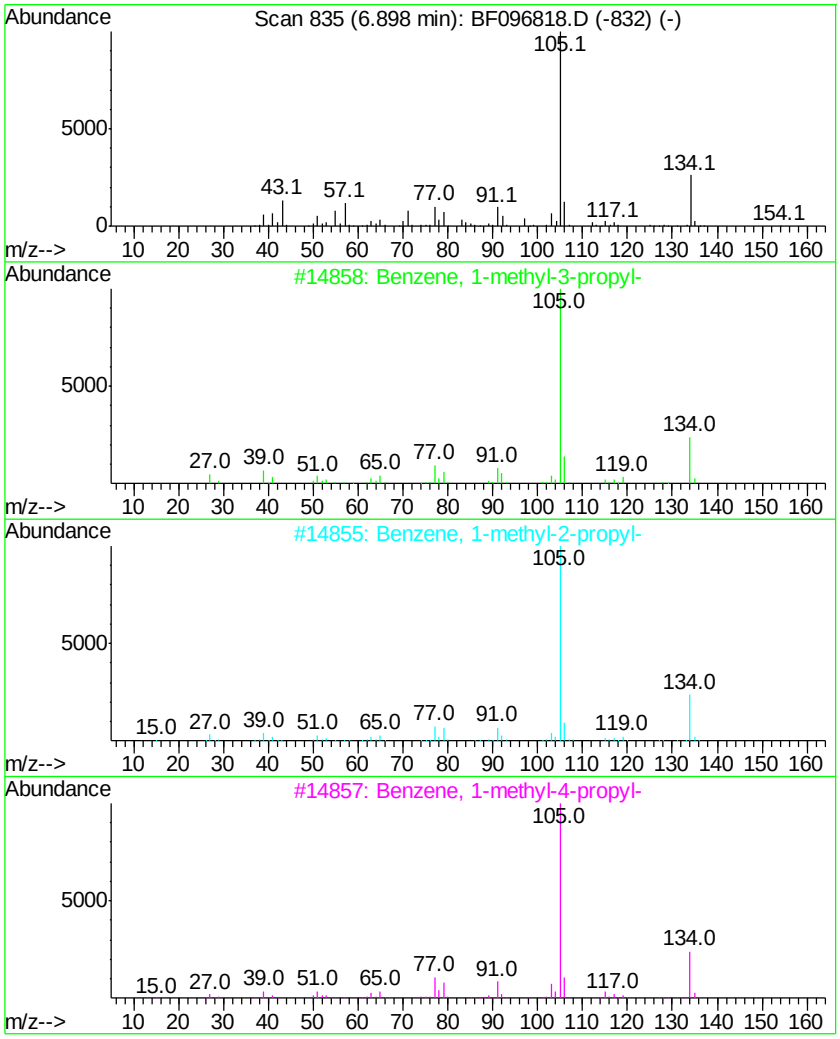
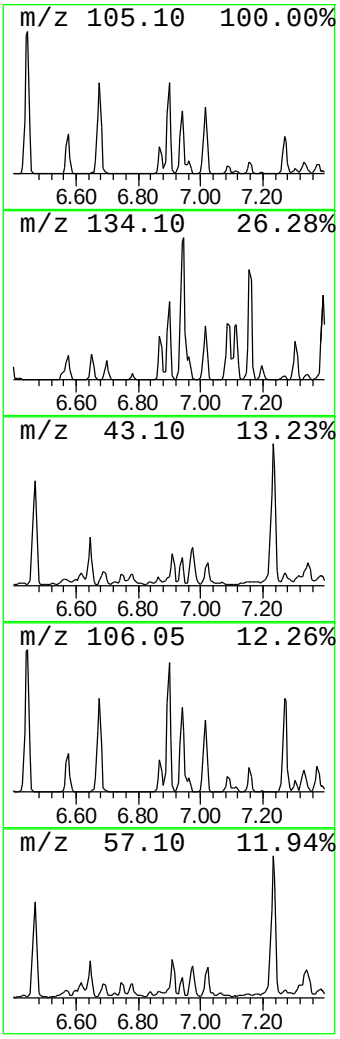
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	24.85 ng	1256710	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	81
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
5	2-Tolyloxirane	134	C9H10O	002783-26-8	68





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Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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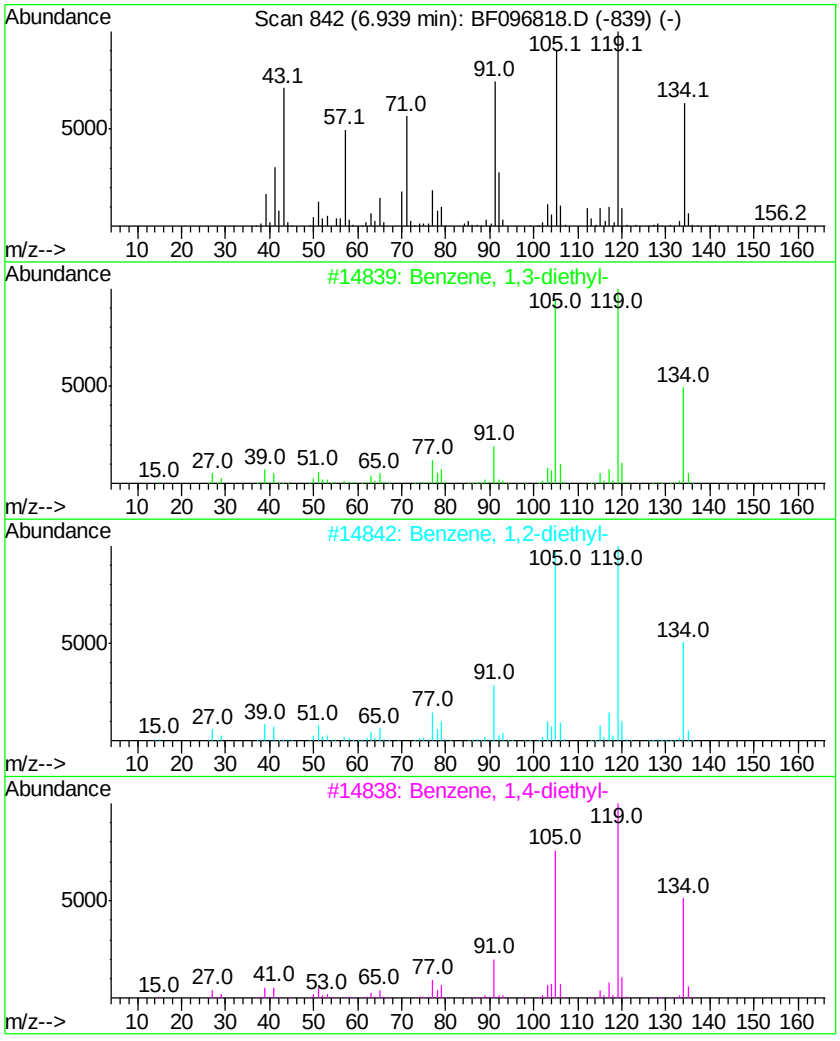
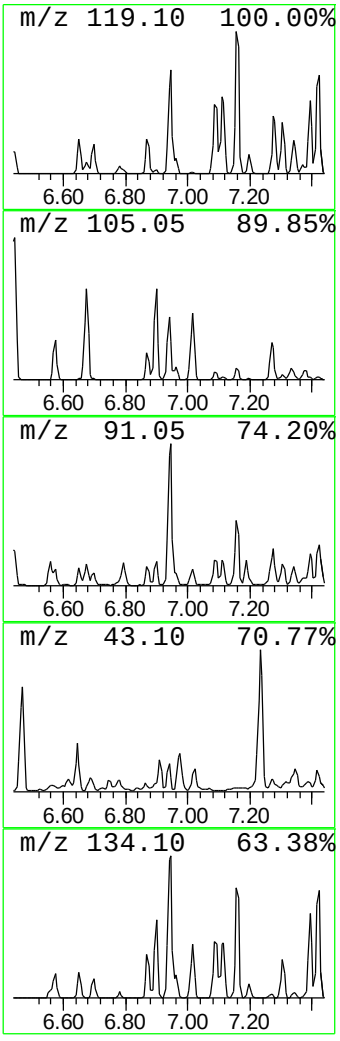
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	26.14 ng	1322300	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	92
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	86
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70





Library Search Compound Report

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Data File : BF096818.D
Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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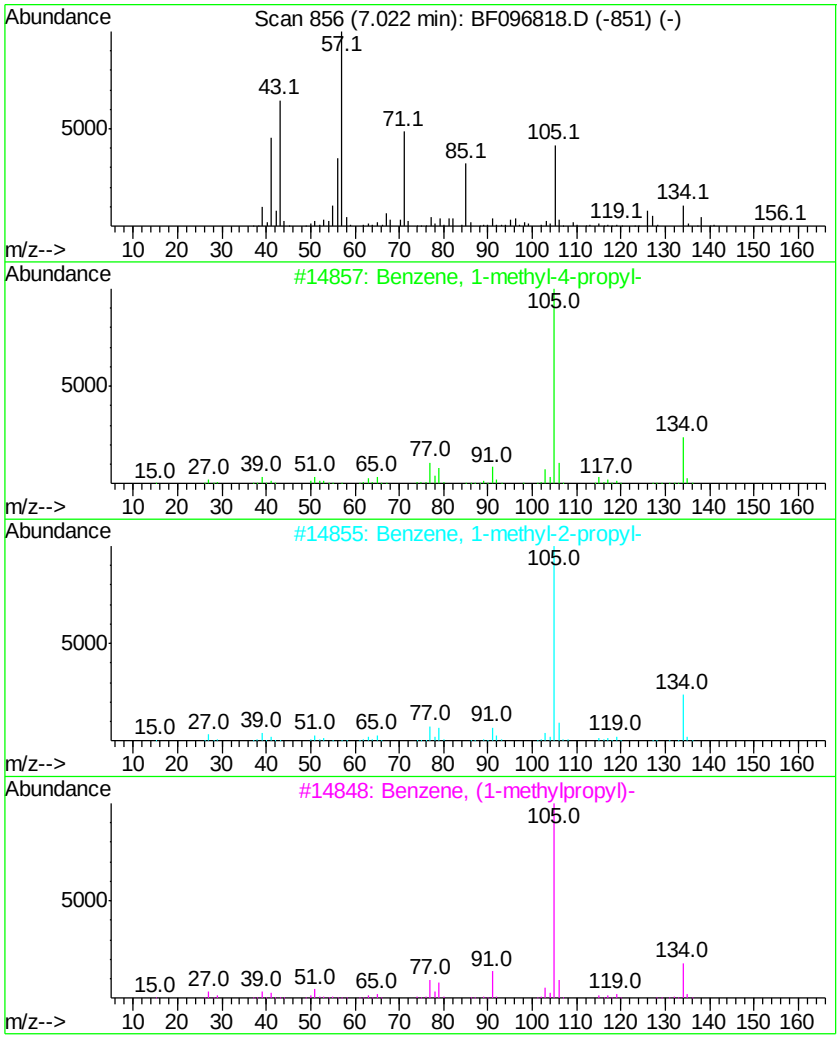
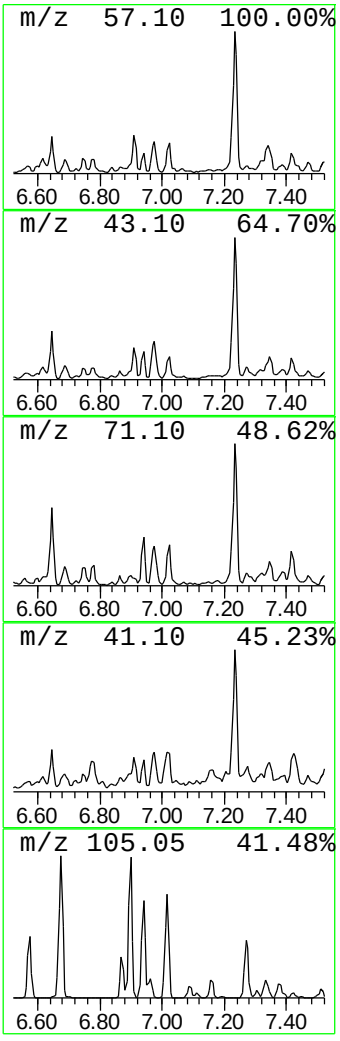
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	28.84 ng	1458590	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
4	Cyclohexanol, 5-methyl-2-(1-meth...	260	C17H24O2	006284-35-1	22
5	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	20





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Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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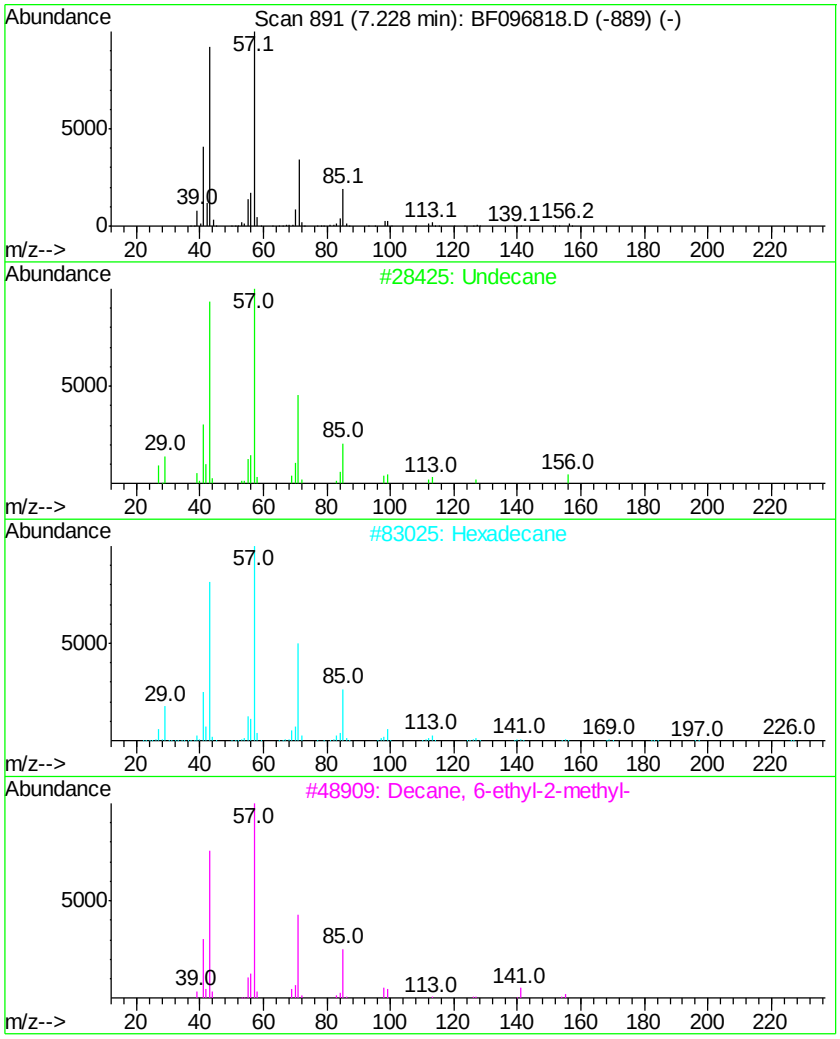
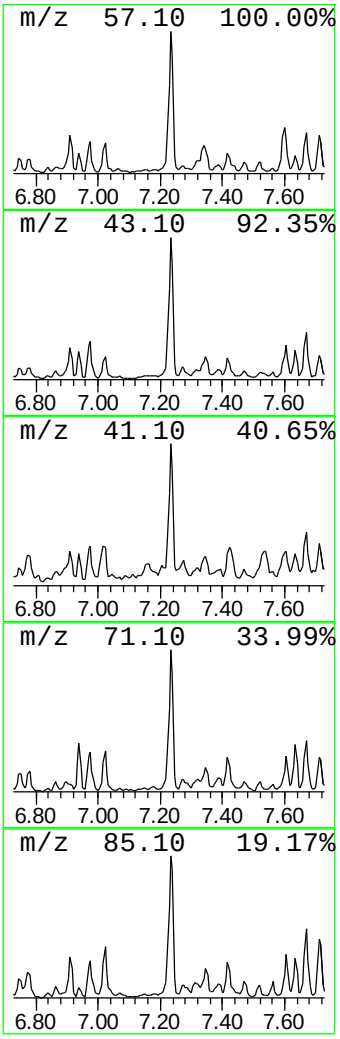
Peak Number 13 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	65.42 ng	3309150	1,4-Dichlorobenzene-d4	6.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	83
2	Hexadecane	226	C16H34	000544-76-3	78
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
4	Nonadecane	268	C19H40	000629-92-5	78
5	Decane	142	C10H22	000124-18-5	78





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Acq On : 17 Jul 2017 14:42
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Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

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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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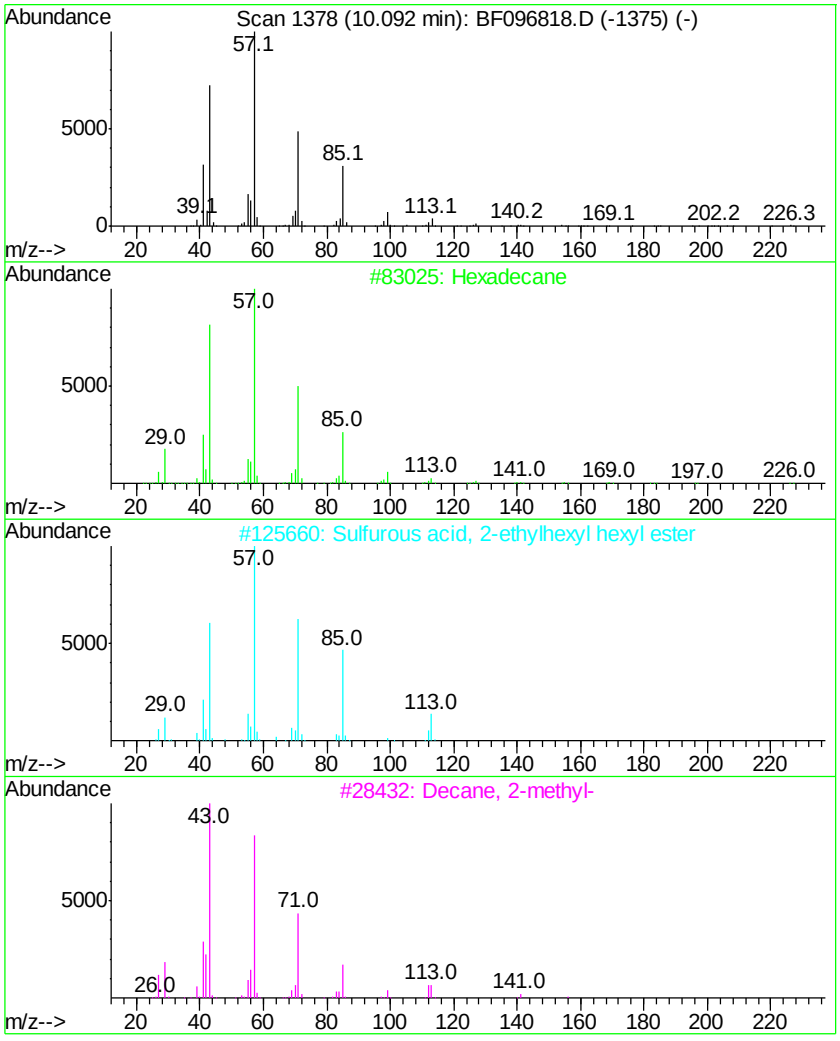
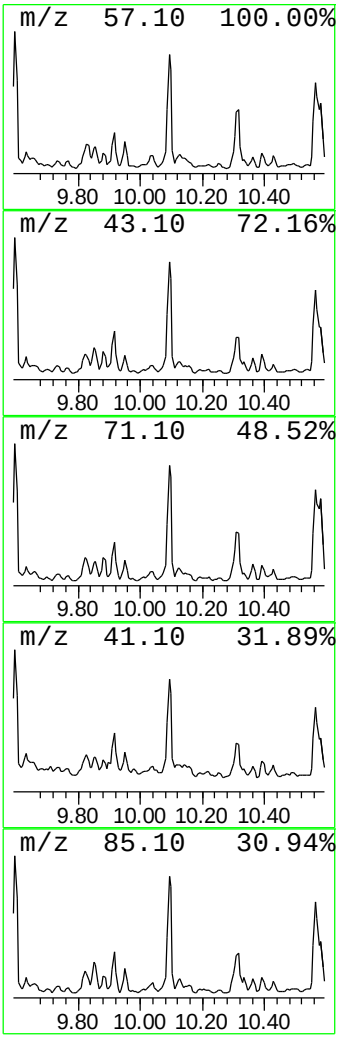
Peak Number 14 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	31.93 ng	2309680	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
3	Decane, 2-methyl-	156	C11H24	006975-98-0	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tetradecane	198	C14H30	000629-59-4	72





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Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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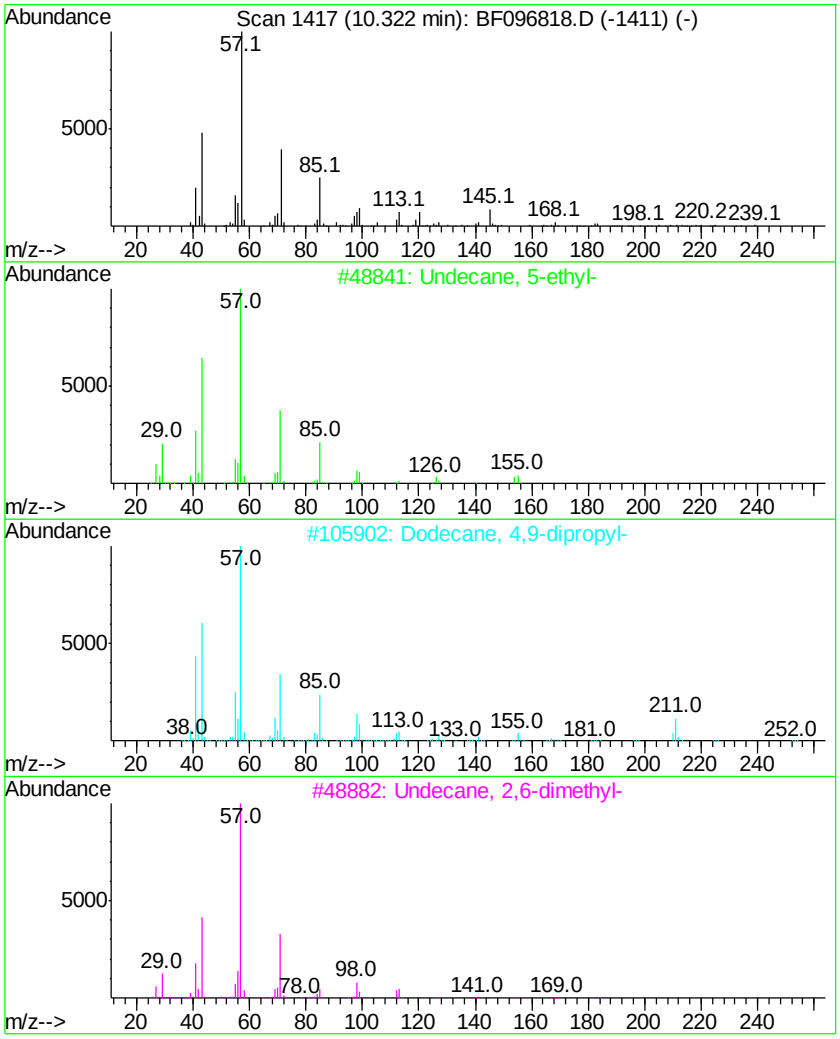
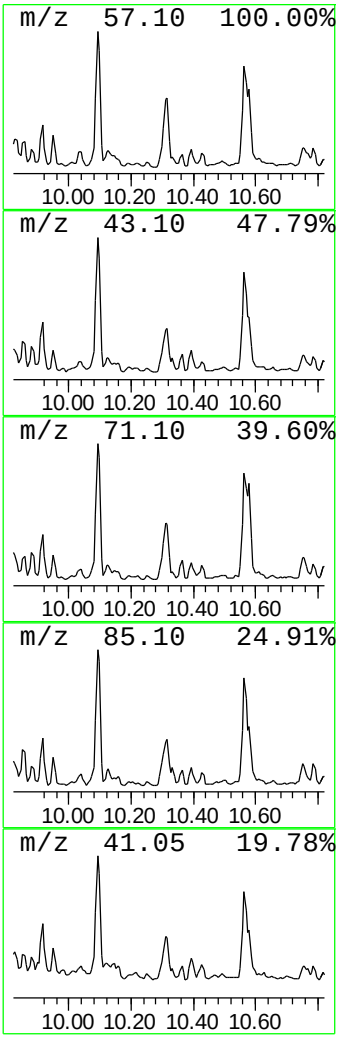
Peak Number 15 Undecane, 5-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	20.53 ng	1484920	Acenaphthene-d10	9.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	78
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5	Eicosane	282	C20H42	000112-95-8	64





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Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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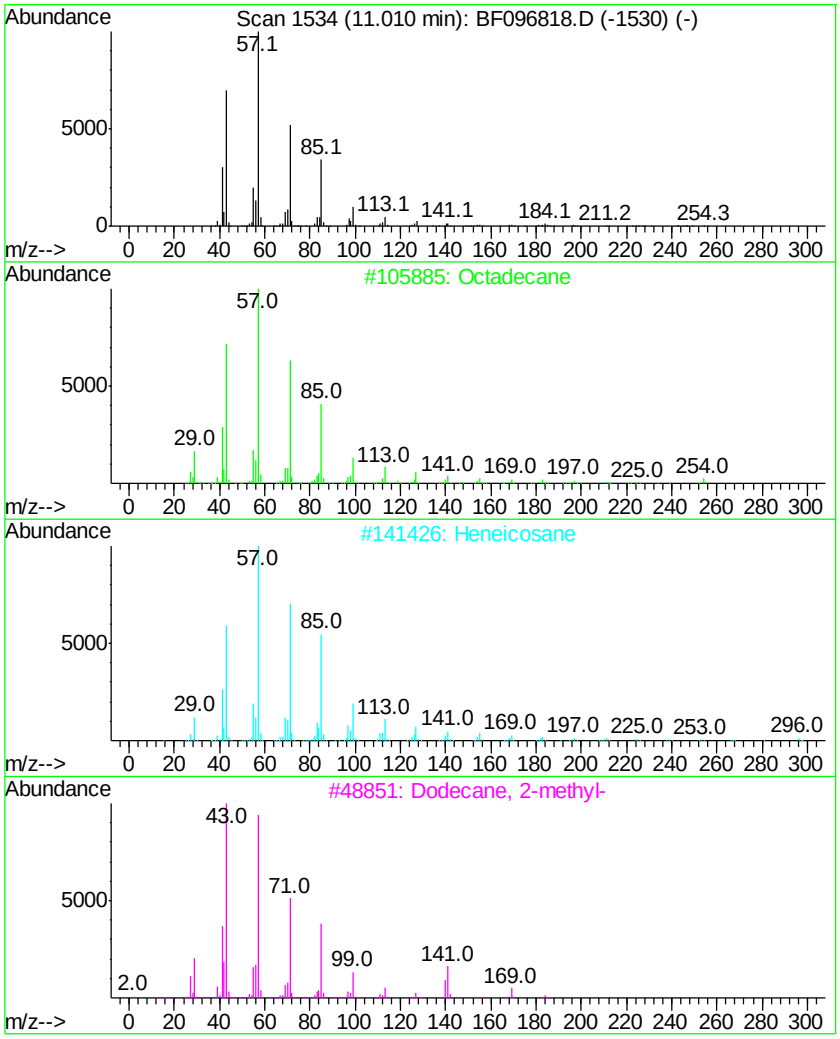
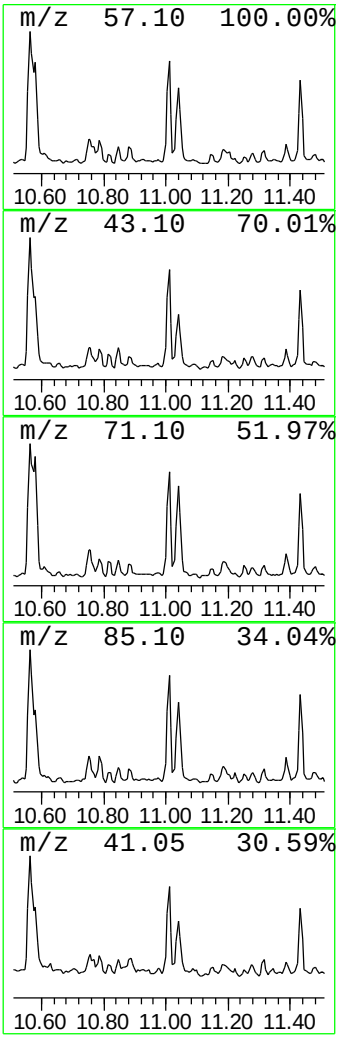
Peak Number 17 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	23.04 ng	1397520	Phenanthrene-d10	11.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071717\
Data File : BF096818.D
Acq On : 17 Jul 2017 14:42
Operator : SJ/JU
Sample : I4030-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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, 3-methyl-	5.86	20.0	ng	1009840	1	6.61	1011600	20.0
Benzene, 1-ethyl-...	6.14	20.1	ng	1015280	1	6.61	1011600	20.0
Nonane, 2-methyl-	6.16	18.3	ng	925702	1	6.61	1011600	20.0
Mesitylene	6.22	18.8	ng	950709	1	6.61	1011600	20.0
unknown6.39	6.39	54.6	ng	2760240	1	6.61	1011600	20.0
Benzene, 1,2,3-tr...	6.45	21.9	ng	1106490	1	6.61	1011600	20.0
1-Iodo-2-methylun...	6.47	46.7	ng	2360540	1	6.61	1011600	20.0
Benzene, 1,2,4-tr...	6.67	19.3	ng	975135	1	6.61	1011600	20.0
Benzene, 1-methyl...	6.90	24.9	ng	1256710	1	6.61	1011600	20.0
Benzene, 1,3-diet...	6.94	26.1	ng	1322300	1	6.61	1011600	20.0
Benzene, 1-methyl...	7.02	28.8	ng	1458590	1	6.61	1011600	20.0
Undecane	7.23	65.4	ng	3309150	1	6.61	1011600	20.0
Hexadecane	10.09	31.9	ng	2309680	3	9.64	1446730	20.0
Undecane, 5-ethyl-	10.32	20.5	ng	1484920	3	9.64	1446730	20.0
Octadecane	11.01	23.0	ng	1397520	4	11.12	1212950	20.0