LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

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-BF072517.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	4.569	453	456	473	rBV	145874	265005	9.47%	0.836%
2	5.034	532	535	553	rBV	2216500	2710201	96.84%	8.554%
3	5.687	641	646	651	rVB3	60379	98105	3.51%	0.310%
4	5.745	651	656	661	rBV2	39627	58273	2.08%	0.184%
5	5.887	672	680	685	rBV4	33766	70736	2.53%	0.223%
6	5.957	689	692	694	rVV3	65893	83090	2.97%	0.262%
7	5.981	694	696	703	rVB2	62069	79115	2.83%	0.250%
8	6.045	703	707	710	rBV	78314	79715	2.85%	0.252%
9	6.116	715	719	727	rVV	2496317	2798593	100.00%	8.833%
10	6.181	727	730	733	rVV3	70143	102419	3.66%	0.323%
11	6.216	733	736	742	rVV	2472973	2616004	93.48%	8.257%
12	6.269	742	745	747	rVV2	59331	62192	2.22%	0.196%
13	6.298	747	750	755	rVB	225468	202851	7.25%	0.640%
14	6.404	762	768	771	rBV6	27414	53291	1.90%	0.168%
15	6.445	771	775	778	rBV	808140	728142	26.02%	2.298%
16	6.481	778	781	783	rVB2	107911	101799	3.64%	0.321%
17	6.504	783	785	788	rBV2	48862	56212	2.01%	0.177%
18	6.598	796	801	810	rVB	2040595	2072387	74.05%	6.541%
19	6.710	815	820	822	rBV4	44325	68848	2.46%	0.217%
20	6.745	822	826	829	rVB2	85339	105420	3.77%	0.333%
21	6.775	829	831	834	rBV2	134283	113237	4.05%	0.357%
22	6.804	834	836	839	rBV	84382	73916	2.64%	0.233%
23	6.834	839	841	842	rBV	65222	48506	1.73%	0.153%
24	6.851	842	844	847	rVB2	91808	73966	2.64%	0.233%
25	7.016	868	872	875	rBV	1744487	1493185	53.35%	4.713%
26	7.069	878	881	885	rVB	360152	286549	10.24%	0.904%
27	7.104	885	887	891	rVB2	96870	106337	3.80%	0.336%
28	7.175	896	899	903	rVB3	87026	94460	3.38%	0.298%
29	7.228	903	908	910	rVB4	56400	65618	2.34%	0.207%
30	7.251	910	912	918	rVB2	266804	254798	9.10%	0.804%
31	7.310	918	922	925	rVB3	47117	66394	2.37%	0.210%
32	7.363	925	931	935	rBV4	171873	283598	10.13%	0.895%
33	7.398	935	937	941	rBV3	65771	65888	2.35%	0.208%
34	7.439	941	944	946	rVB3	78501	78367	2.80%	0.247%

LSC Area Percent Report

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Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.469	946	949	952	rBV3	170082	178368	6.37%	0.563%
36	7.504	952	955	960	rVB3	195383	235496	8.41%	0.743%
37	7.545	960	962	964	rBV	174075	177154	6.33%	0.559%
38	7.569	964	966	969	rVB	150829	128752	4.60%	0.406%
39	7.610	969	973	974	rBV3	43837	45375	1.62%	0.143%
40	7.634	974	977	981	rVB2	94350	94946	3.39%	0.300%
41	7.698	983	988	989	rBV4	90943	139998	5.00%	0.442%
42	7.728	989	993	996	rVB2	1317770	1258784	44.98%	3.973%
43	7.757	996	998	1001	rBV3	48223	66279	2.37%	0.209%
44	7.810	1005	1007	1009	rBV	187635	156321	5.59%	0.493%
45	7.863	1013	1016	1018	rVB2	83936	74731	2.67%	0.236%
46	7.928	1018	1027	1028	rBV6	130247	263053	9.40%	0.830%
47	7.975	1033	1035	1037	rBV3	65563	58600	2.09%	0.185%
48	8.028	1040	1044	1046	rBV5	103682	132477	4.73%	0.418%
49	8.063	1046	1050	1052	rVB2	80141	99391	3.55%	0.314%
50	8.092	1052	1055	1057	rBV2	139772	110686	3.96%	0.349%
51	8.128	1057	1061	1063	rVB3	128300	136386	4.87%	0.430%
52	8.169	1065	1068	1072	rBV3	359914	390866	13.97%	1.234%
53	8.228	1075	1078	1082	rVB2	143113	129477	4.63%	0.409%
54	8.275	1083	1086	1088	rBV3	72386	59968	2.14%	0.189%
55	8.339	1093	1097	1101	rBV2	362335	384528	13.74%	1.214%
56	8.386	1101	1105	1108	rVV3	124393	143979	5.14%	0.454%
57	8.422	1108	1111	1117	rVB5	124291	205896	7.36%	0.650%
58	8.551	1130	1133	1135	rVB2	162267	148940	5.32%	0.470%
59	8.616	1140	1144	1146	rBV3	76054	123289	4.41%	0.389%
60	8.639	1146	1148	1151	rVB3	71700	55227	1.97%	0.174%
61	8.669	1151	1153	1155	rBV3	58535	53309	1.90%	0.168%
62	8.739	1163	1165	1167	rBV3	88311	91234	3.26%	0.288%
63	8.763	1167	1169	1172	rVV2	278250	243596	8.70%	0.769%
64	8.804	1172	1176	1179	rVB	2699177	2417987	86.40%	7.632%
65	8.898	1188	1192	1195	rBV2	189298	216093	7.72%	0.682%
66	8.945	1197	1200	1203	rVV2	113286	127550	4.56%	0.403%
67	8.975	1203	1205	1207	rVB3	86724	69132	2.47%	0.218%
68	9.198	1241	1243	1245	rBV	307006	278265	9.94%	0.878%
69	9.428	1278	1282	1284	rBV	117111	104662	3.74%	0.330%
70	9.463	1285	1288	1292	rVV	970707	963834	34.44%	3.042%
71	9.498	1292	1294	1298	rVB2	56201	46320	1.66%	0.146%

LSC Area Percent Report

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Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.745	1333	1336	1339	rVB2	55527	53935	1.93%	0.170%
73	9.781	1340	1342	1349	rVB7	32573	52374	1.87%	0.165%
74	9.922	1363	1366	1370	rVB	122937	101993	3.64%	0.322%
75	10.139	1398	1403	1405	rBV	58787	71803	2.57%	0.227%
76	10.251	1418	1422	1431	rBV	1284088	1220347	43.61%	3.852%
77	10.386	1442	1445	1452	rBV	113305	151751	5.42%	0.479%
78	10.833	1518	1521	1524	rBV	78579	68197	2.44%	0.215%
79	10.863	1524	1526	1530	rVB	45555	44561	1.59%	0.141%
80	10.939	1535	1539	1541	rVV	761367	719333	25.70%	2.270%
81	10.957	1541	1542	1547	rVV	161789	138776	4.96%	0.438%
82	11.016	1549	1552	1556	rVB	67209	69461	2.48%	0.219%
83	11.257	1590	1593	1597	rBV2	39742	48105	1.72%	0.152%
84	11.492	1631	1633	1636	rBV	67080	70629	2.52%	0.223%
85	11.545	1639	1642	1645	rBV	63653	67148	2.40%	0.212%
86	11.663	1659	1662	1666	rBV2	37354	47726	1.71%	0.151%
87	11.827	1684	1690	1693	rBV8	26967	60692	2.17%	0.192%
88	11.863	1693	1696	1702	rVV6	43753	83537	2.98%	0.264%
89	11.986	1714	1717	1719	rBV	54222	52712	1.88%	0.166%
90	12.051	1725	1728	1731	rBV4	27846	43093	1.54%	0.136%
91	12.139	1740	1743	1747	rVB	321985	288652	10.31%	0.911%
92	12.180	1749	1750	1753	rBV3	33182	42506	1.52%	0.134%
93	12.363	1777	1781	1785	rBV	278510	302298	10.80%	0.954%
94	12.422	1788	1791	1796	rVB4	40801	62145	2.22%	0.196%
95	12.522	1804	1808	1811	rBV	1530777	1420224	50.75%	4.483%
96	12.804	1853	1856	1860	rBV4	39282	58279	2.08%	0.184%
97	13.439	1962	1964	1969	rVB	131390	150201	5.37%	0.474%
98	13.563	1980	1985	1987	rBV2	553981	674651	24.11%	2.129%
99	13.586	1987	1989	1992	rVB	128927	111010	3.97%	0.350%
100	14.904	2210	2213	2218	rBV	272705	278495	9.95%	0.879%

Sum of corrected areas: 31682800

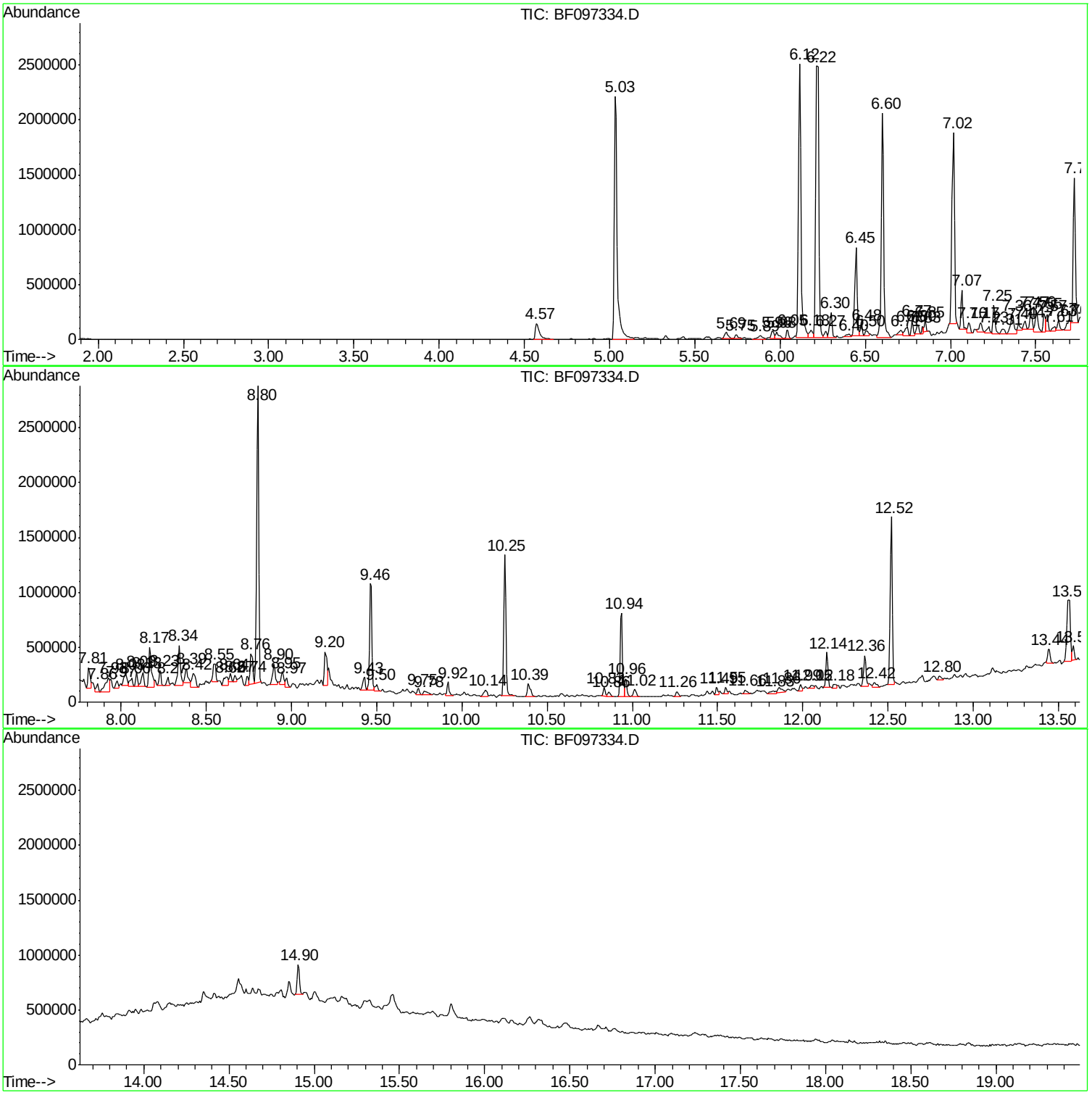
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
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Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

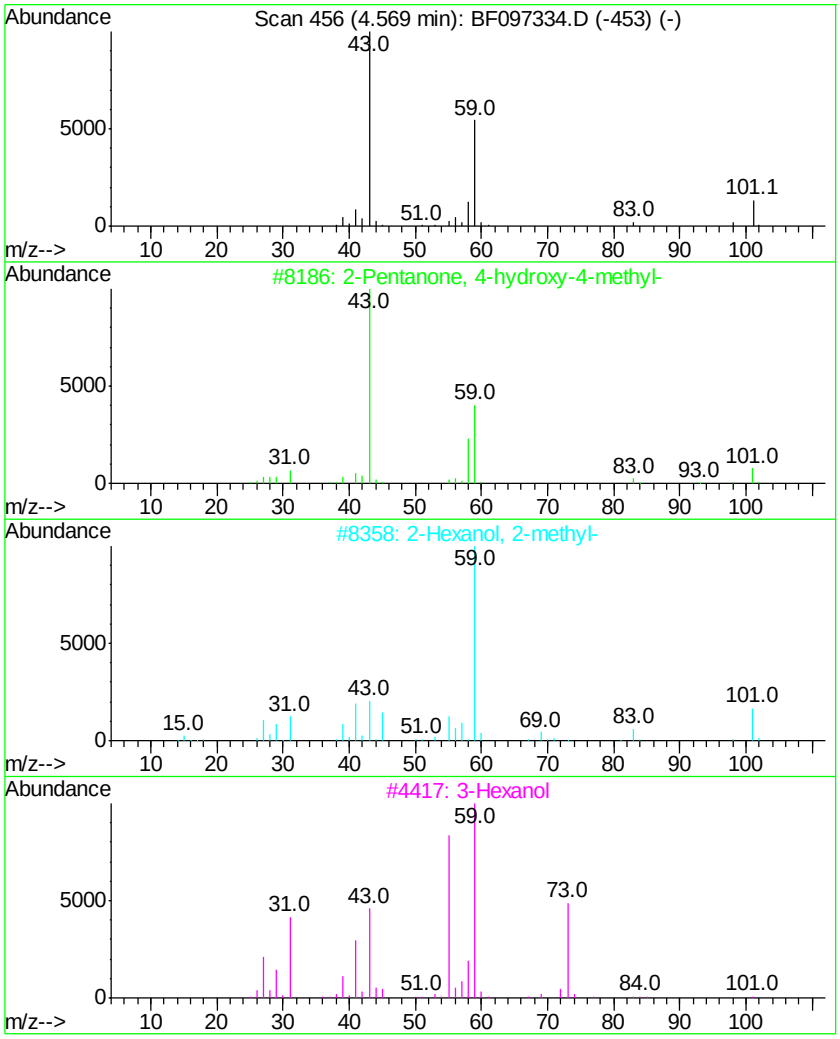
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

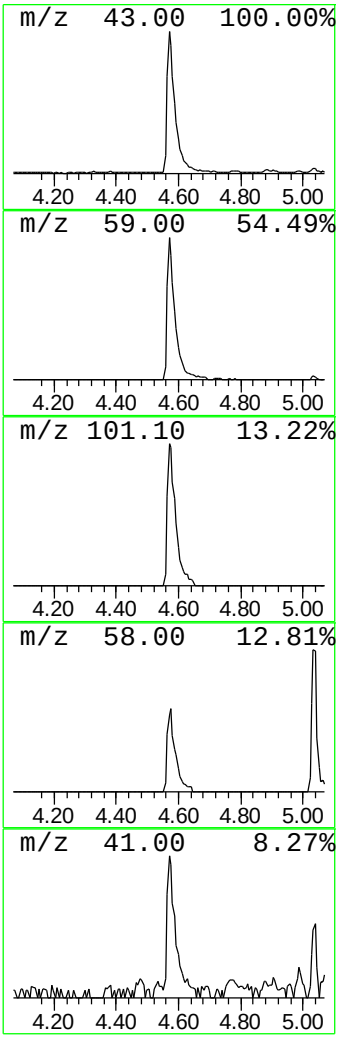
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.57	7.28 ng	265005	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol	102	C6H14O	000623-37-0	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	17
5	Pentane, 2-methoxy-	102	C6H14O	006795-88-6	9





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Sample : I4562-16
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Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

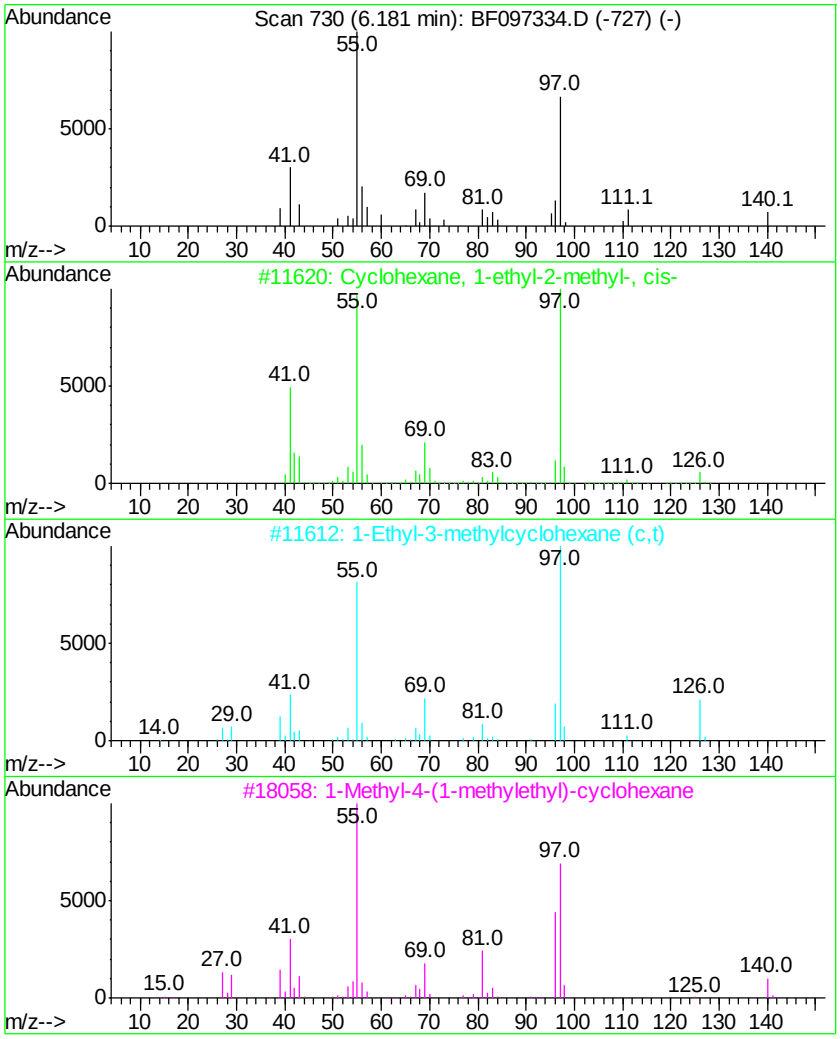
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

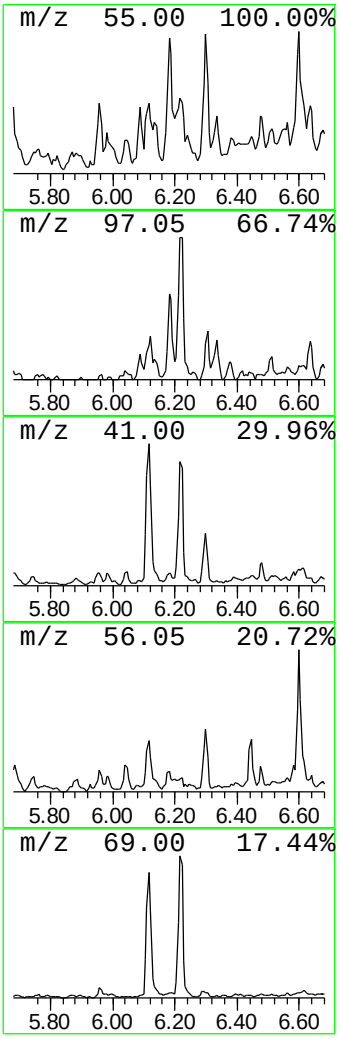
****

Peak Number 2 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	2.81 ng	102419	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
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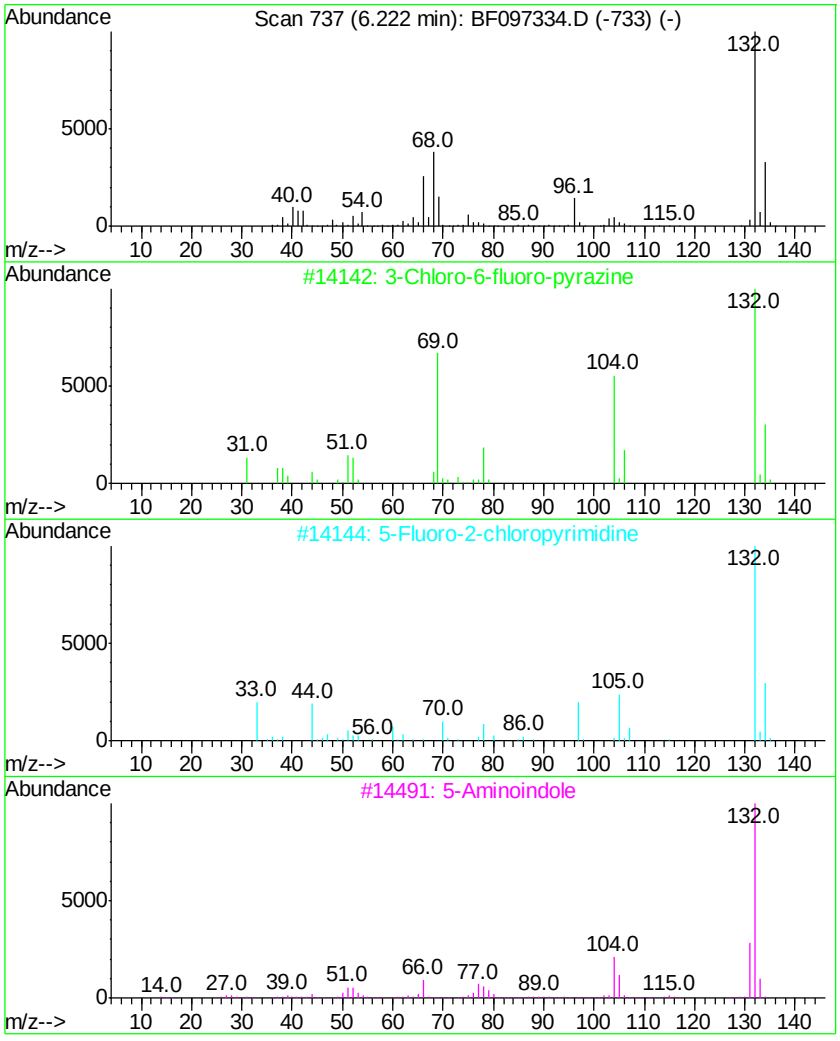
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

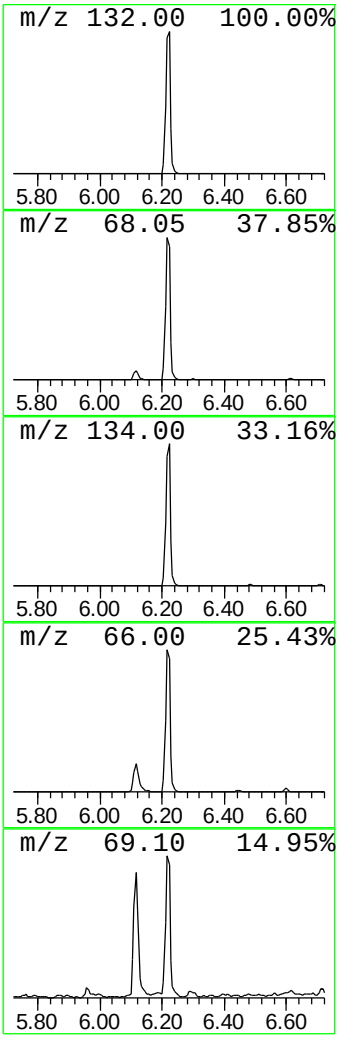
****

Peak Number 3 unknown6.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	71.85 ng	2616000	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

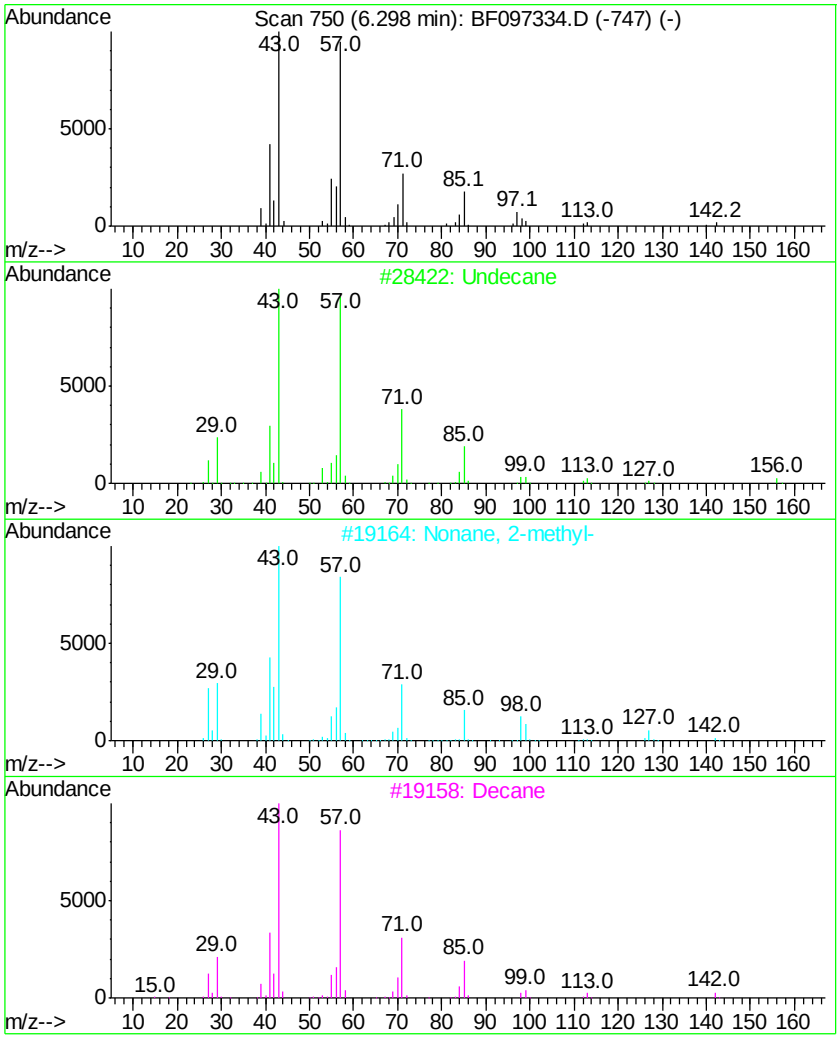
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

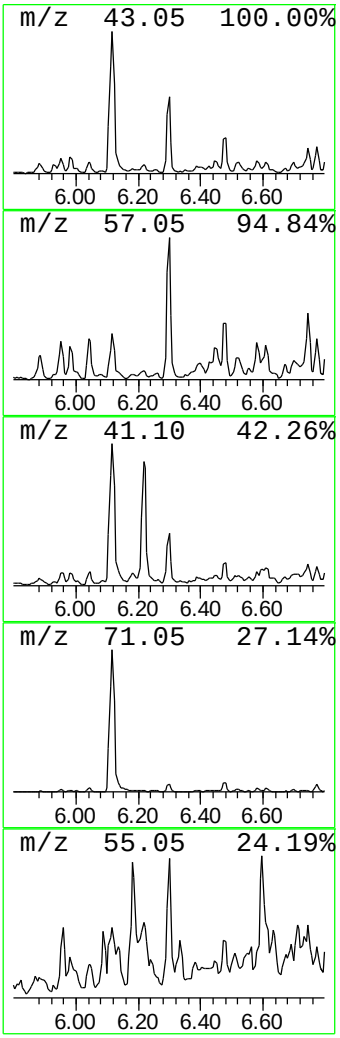
****

Peak Number 4 Undecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	5.57 ng	202851	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	72
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
3	Decane	142	C10H22	000124-18-5	58
4	Octane	114	C8H18	000111-65-9	53
5	Octane, 4-ethyl-	142	C10H22	015869-86-0	53





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Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

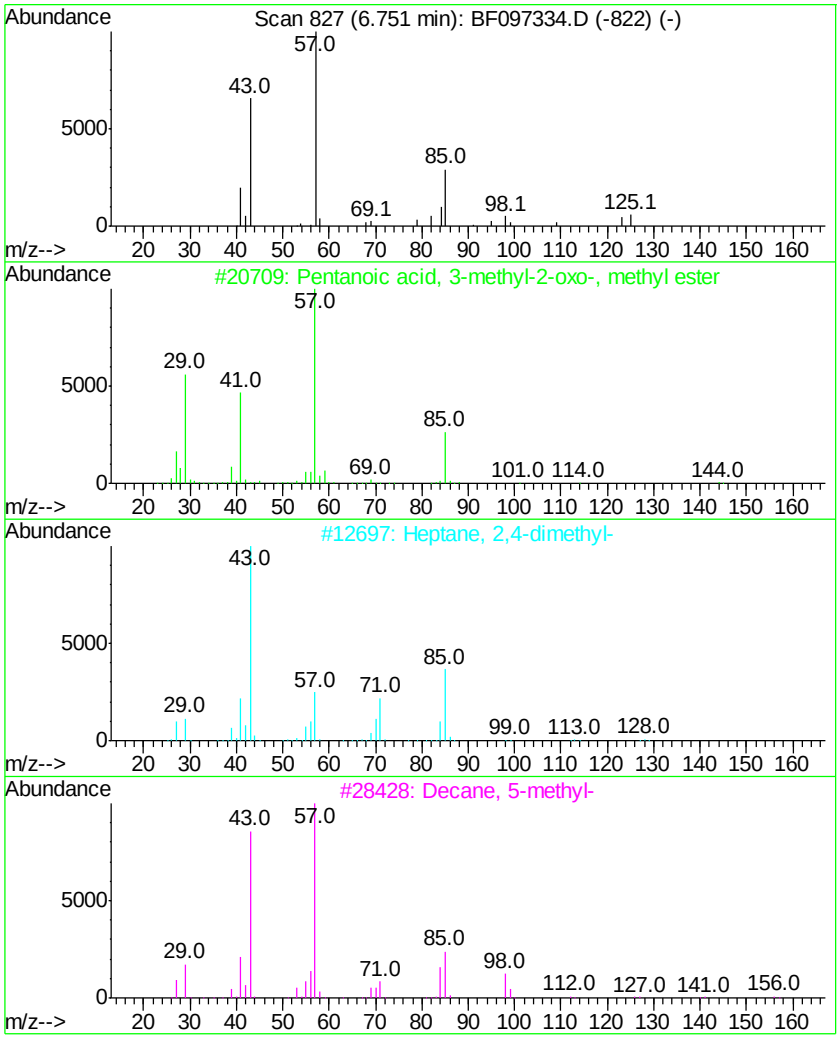
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

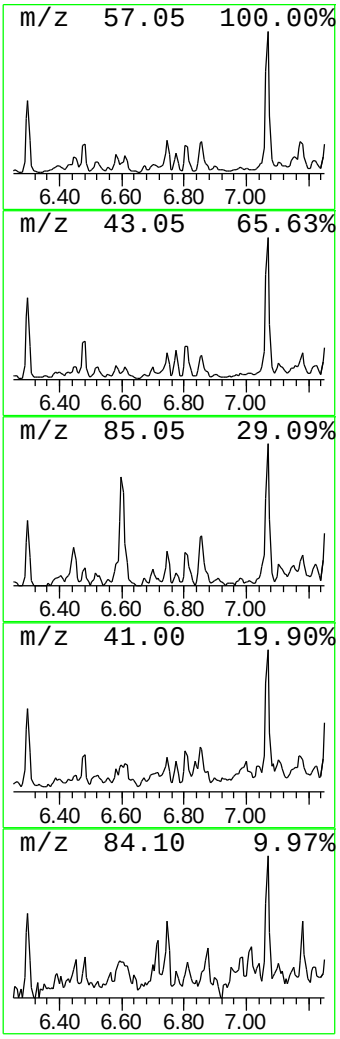
****

Peak Number 6 unknown6.75 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	2.90 ng	105420	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	47
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	43
3	Decane, 5-methyl-	156	C11H24	013151-35-4	40
4	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	40
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38





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Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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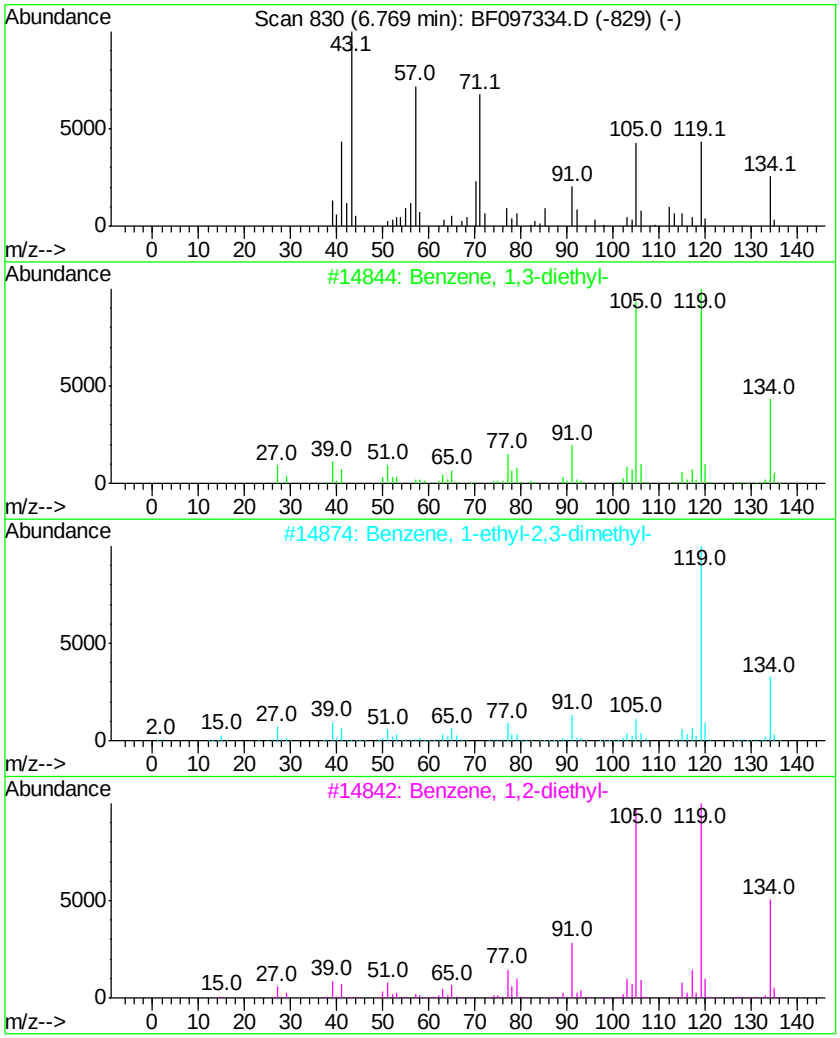
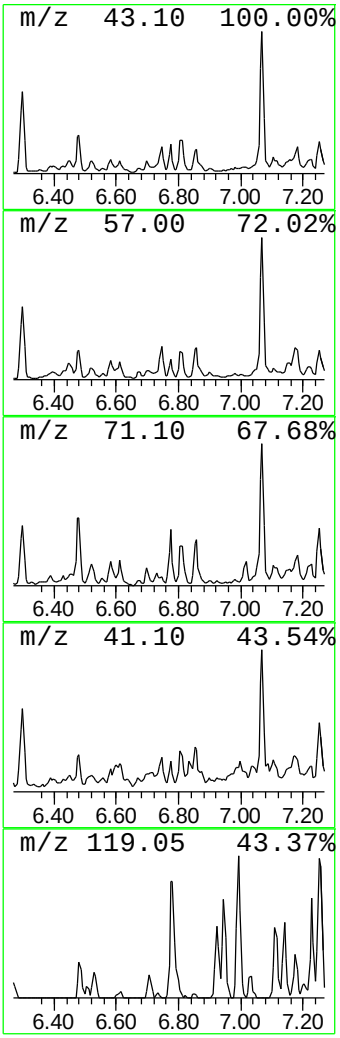
Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	3.11 ng	113237	1,4-Dichlorobenzene-d4	6.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	83
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	52
4	o-Cymene	134	C10H14	000527-84-4	50
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	50





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Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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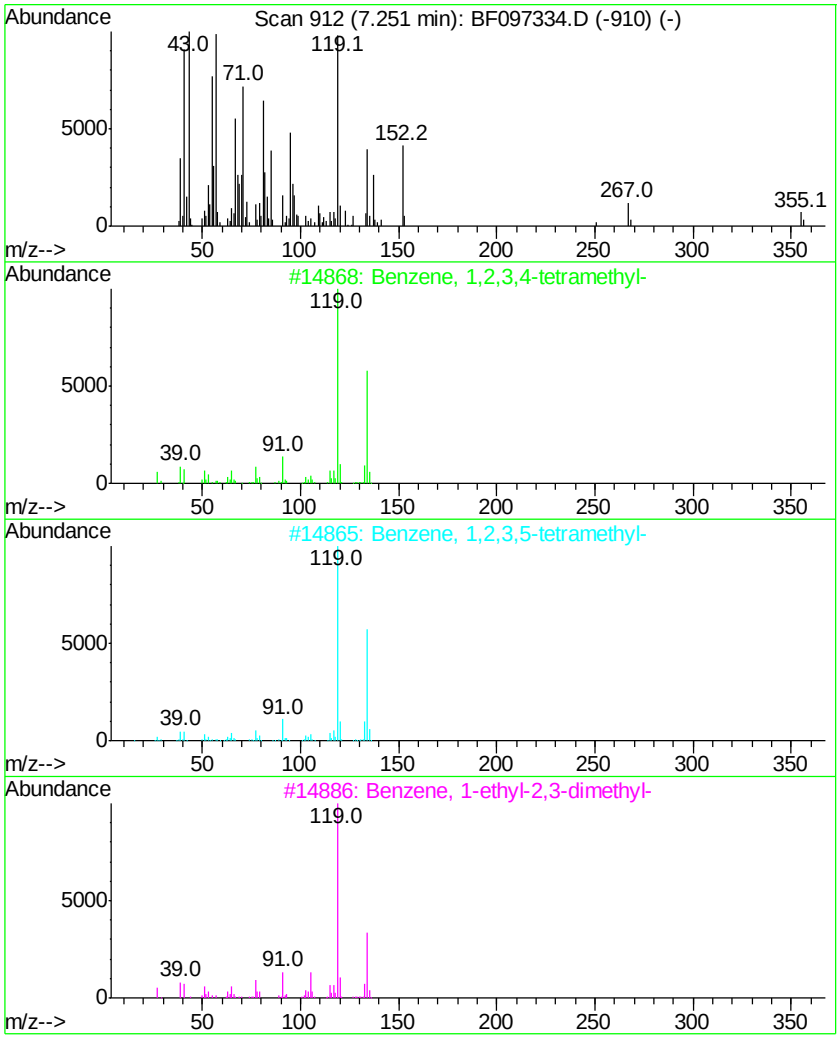
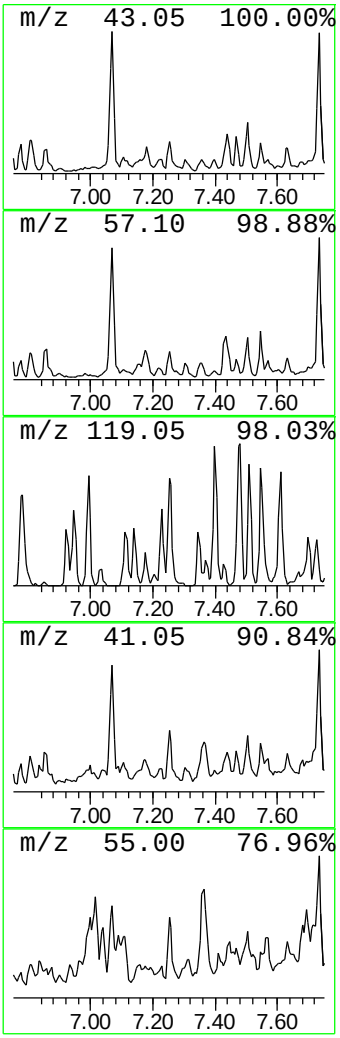
Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	4.05 ng	254798	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	60
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	60
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	47
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	47
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	43





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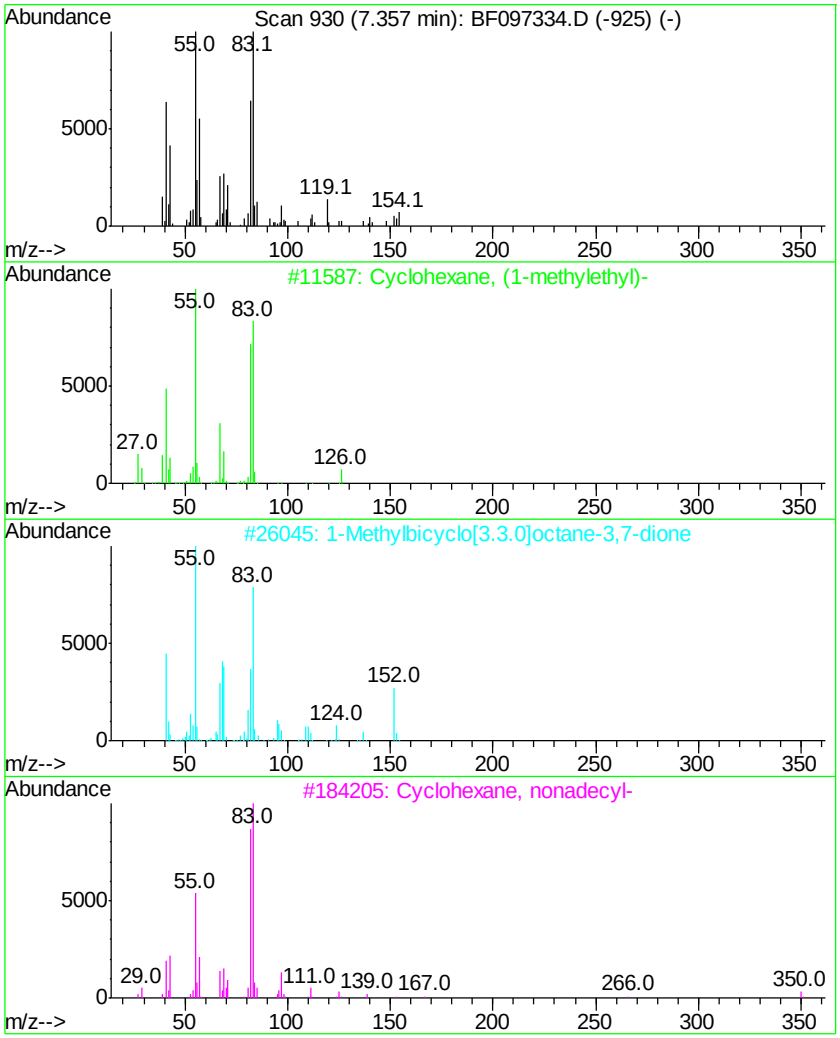
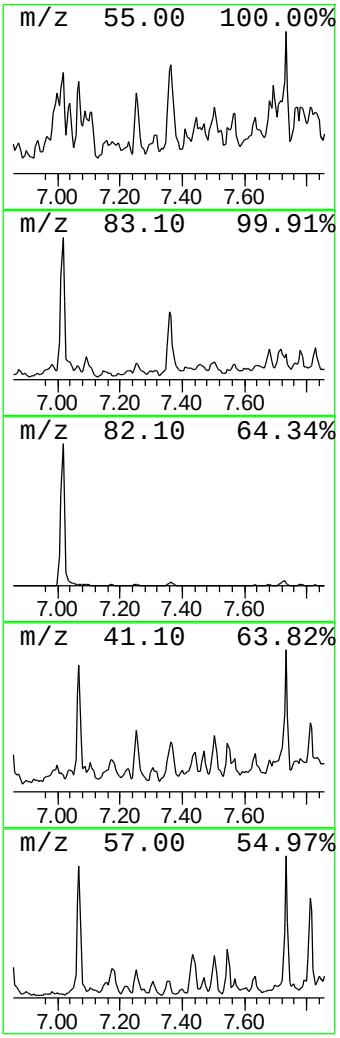
Peak Number 10 Cyclohexane, (1-methylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	4.51 ng	283598	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50
2	1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	49
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	47
4	Cyclohexanemethanol	114	C7H14O	000100-49-2	47
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	43





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ClientSampleId : JC-02-080117-F

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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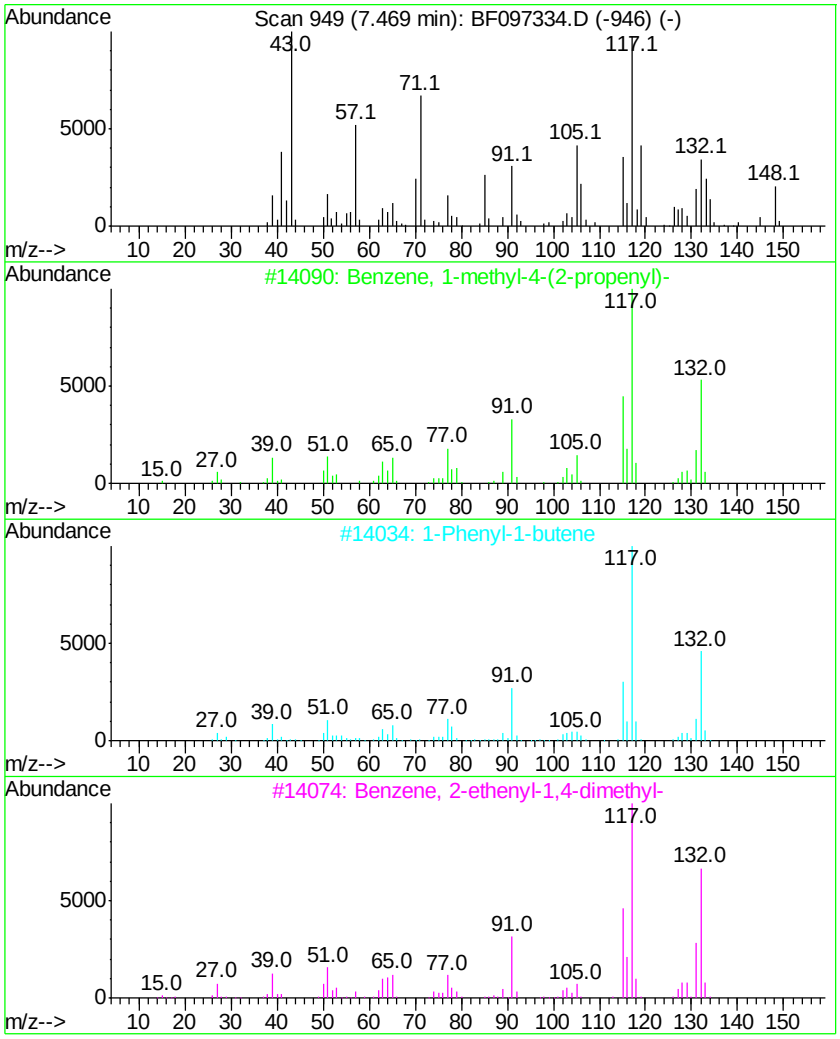
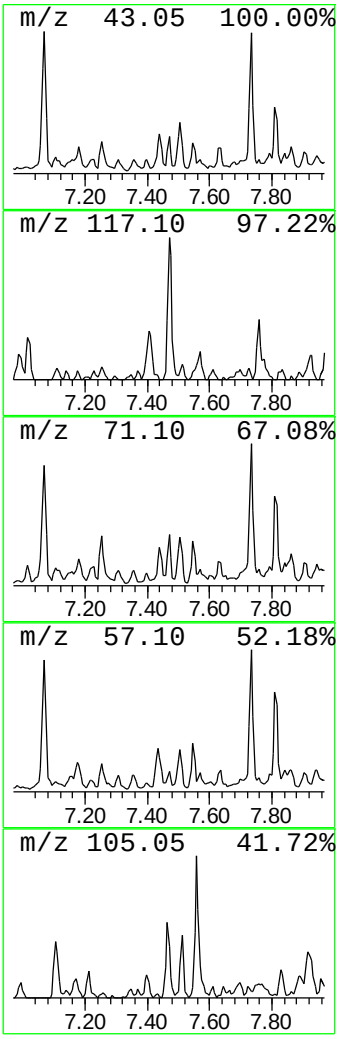
Peak Number 11 Benzene, 1-methyl-4-(2-prop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.83 ng	178368	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	53
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	42
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	42





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Sample : I4562-16
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ClientSampleId : JC-02-080117-F

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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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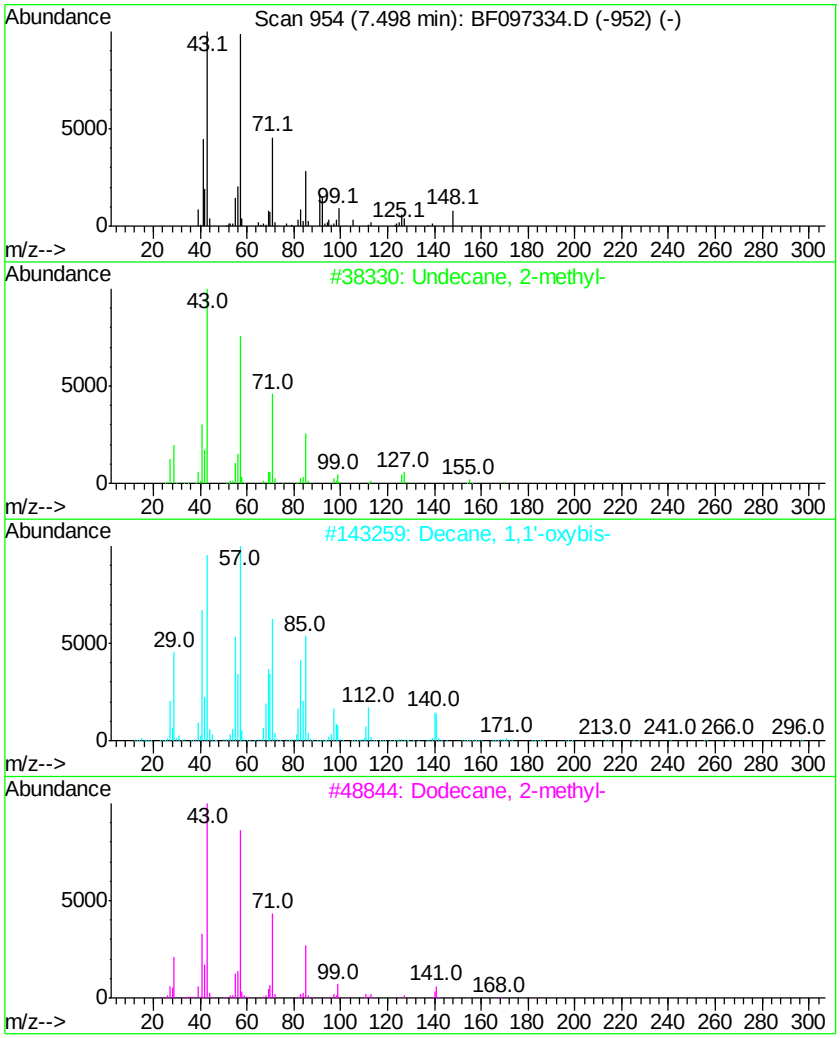
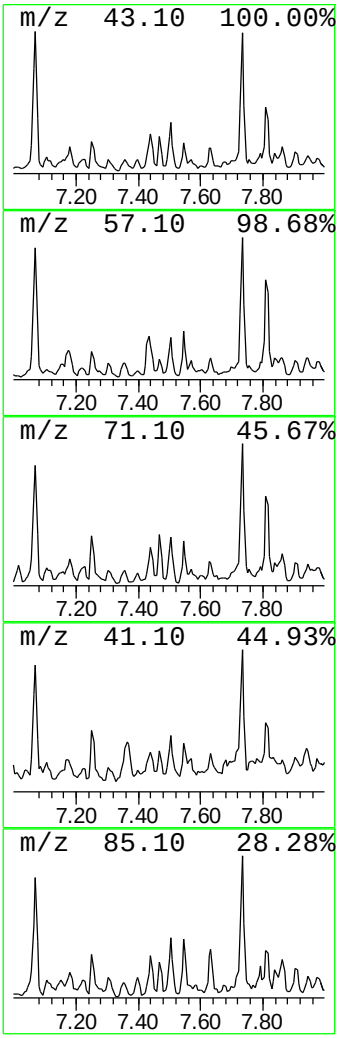
Peak Number 12 Undecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	3.74 ng	235496	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	59
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	53
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	53
5	Decane, 2-methyl-	156	C11H24	006975-98-0	50





Library Search Compound Report

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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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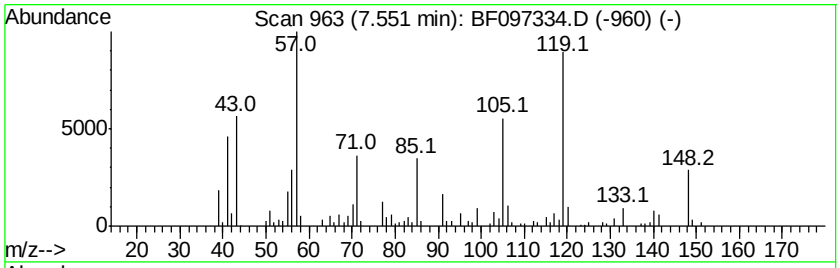
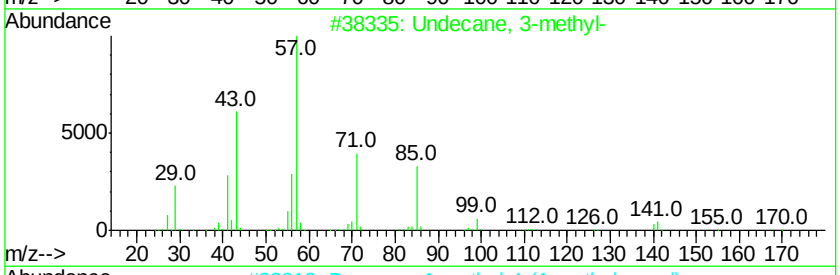
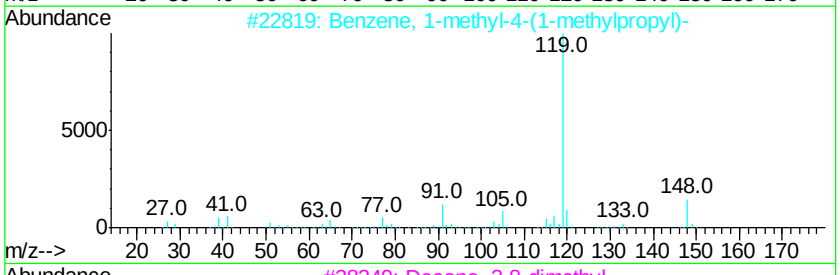
Peak Number 13 unknown7.55 Concentration Rank 19

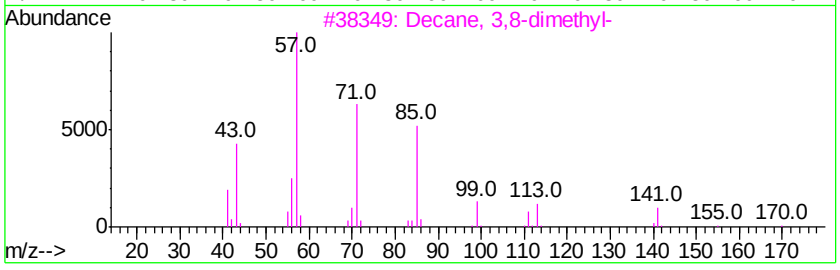
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	2.81 ng	177154	Naphthalene-d8	7.73

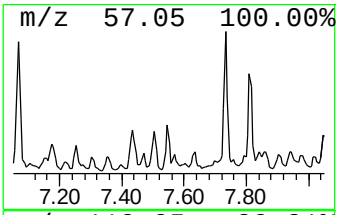
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	46
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	38
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
4	Decane, 3-methyl-	156	C11H24	013151-34-3	27
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	27

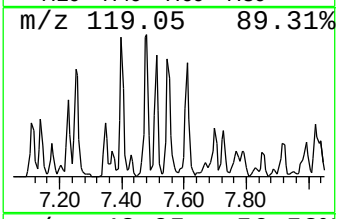


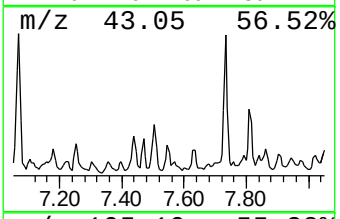


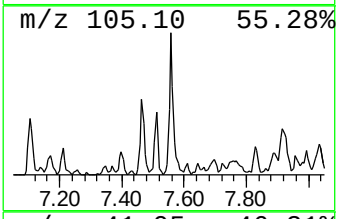


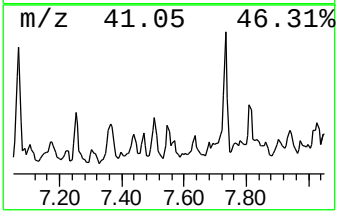












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Misc :
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Instrument : BNA_F
ClientSampleId : JC-02-080117-F

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

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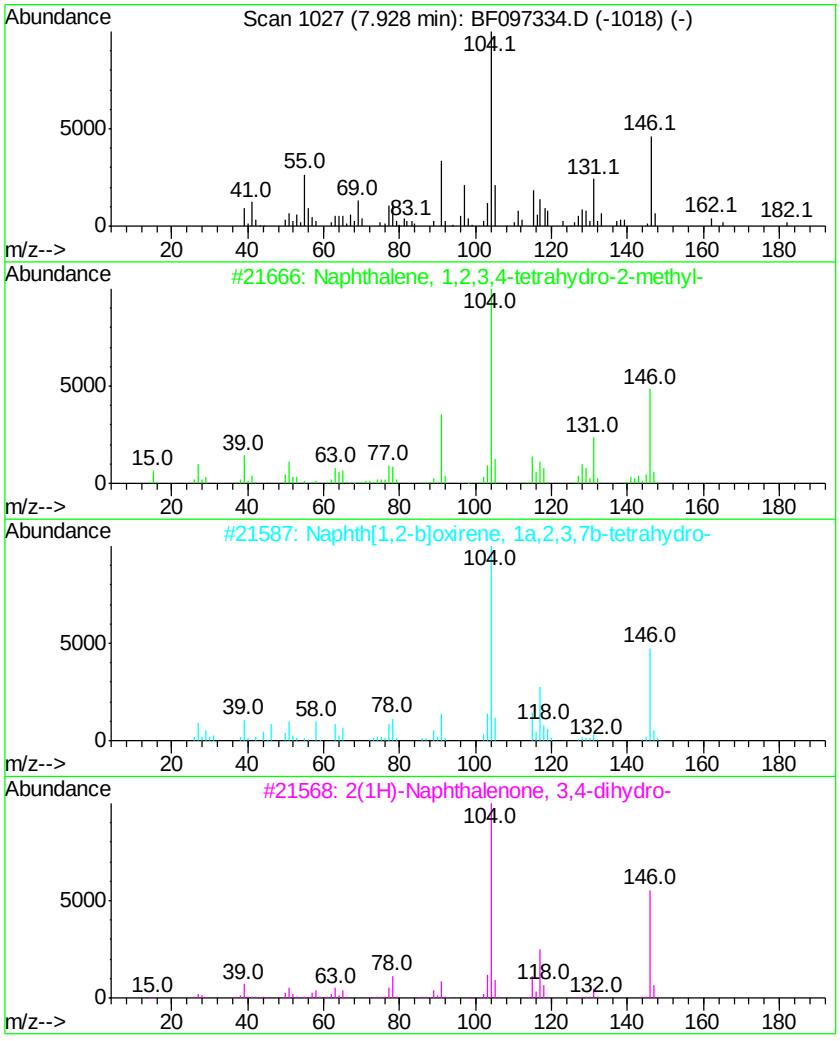
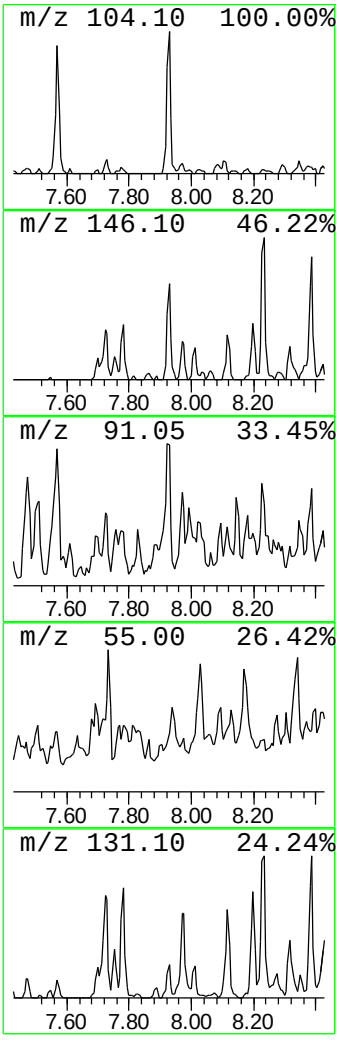
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	4.18 ng	263053	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	58
3	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
4	2-Furanone, 4-phenyltetrahydro	162	C10H10O2	1000197-38-4	38
5	Acetic acid, trifluoro-, 2-pheny...	218	C10H9F3O2	055419-66-4	38





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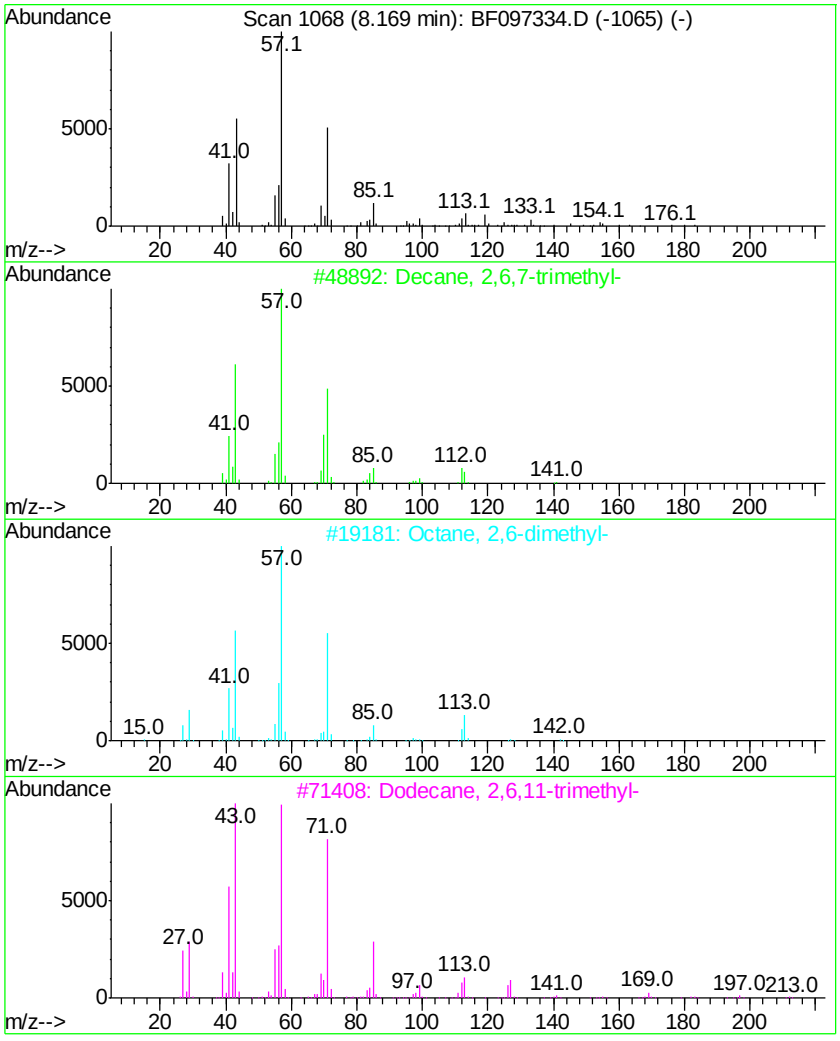
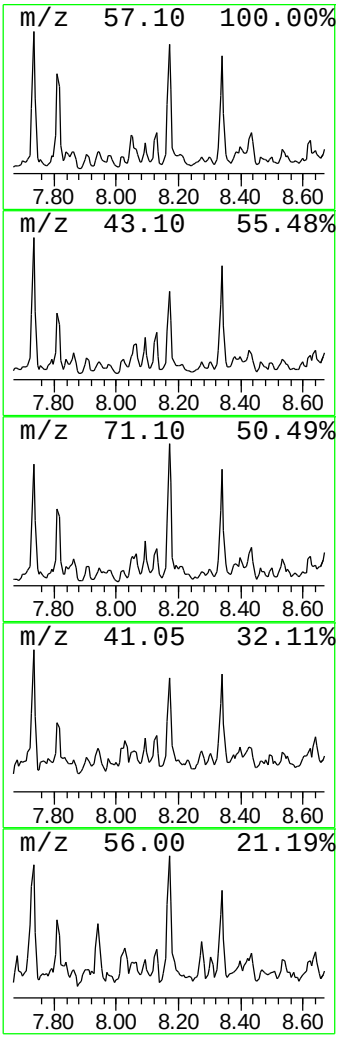
Peak Number 15 Decane, 2,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	6.21 ng	390866	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
5	Decane	142	C10H22	000124-18-5	53





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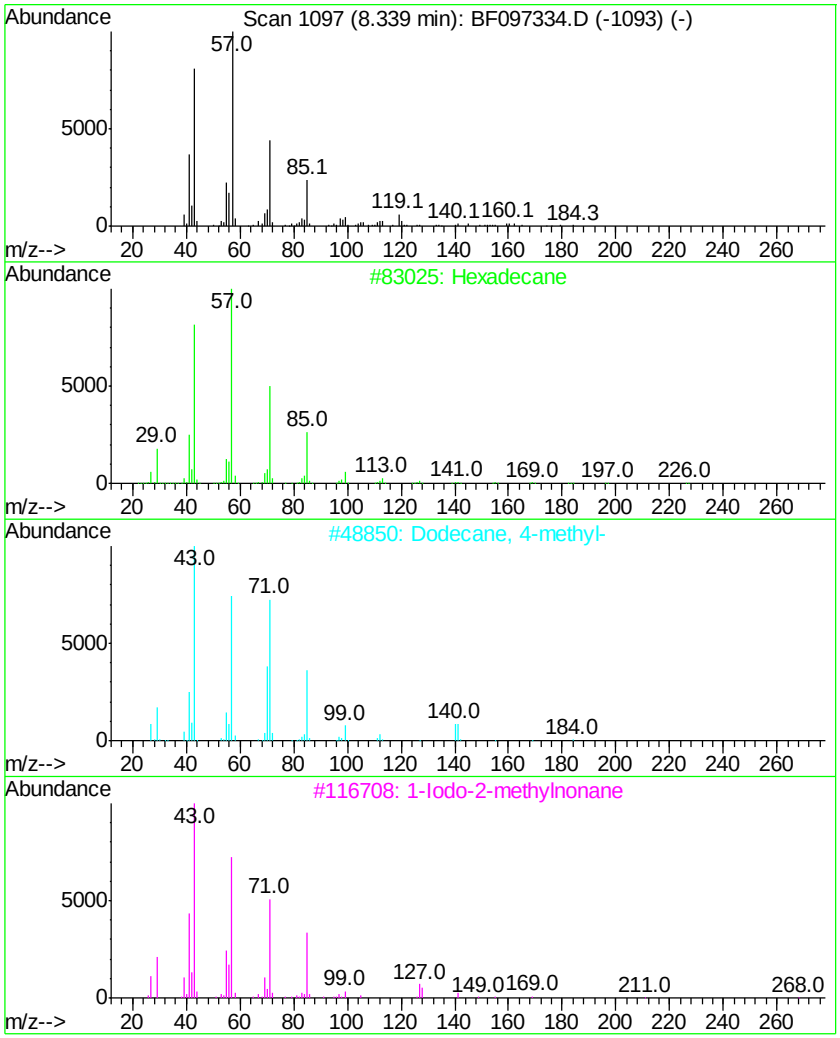
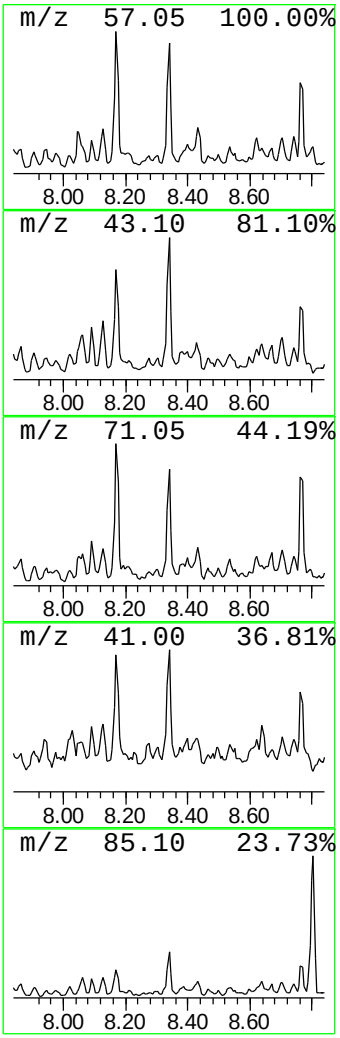
Peak Number 16 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	6.11 ng	384528	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	72
4	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	59





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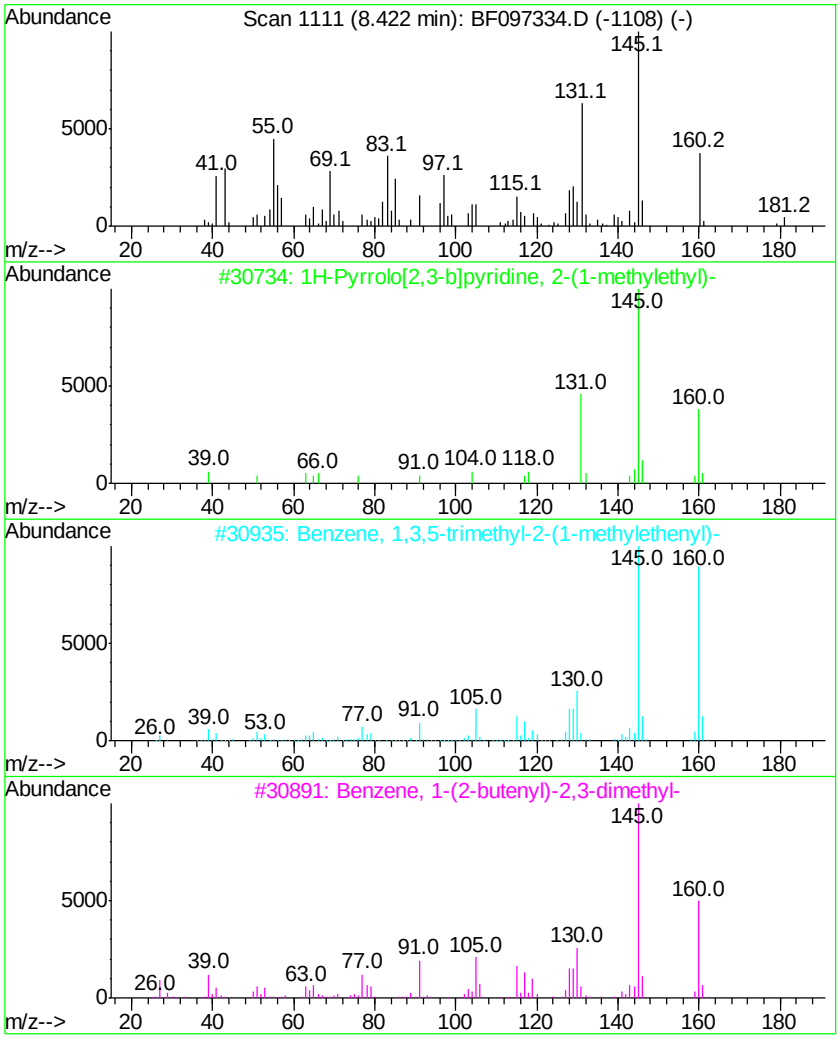
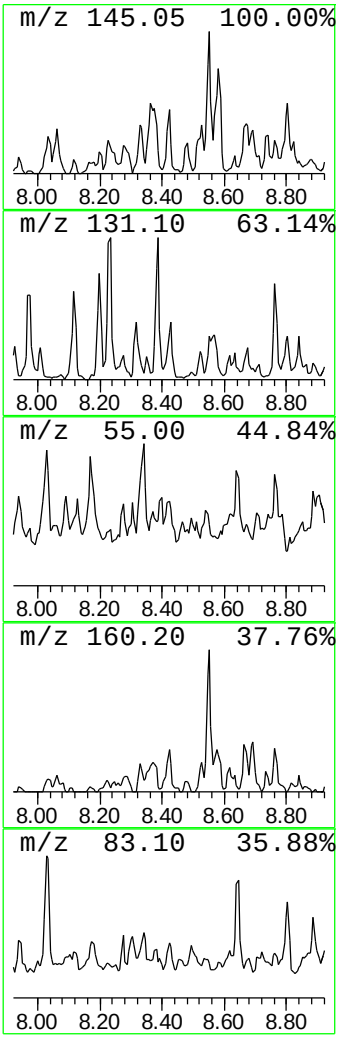
Peak Number 17 1H-Pyrrolo[2,3-b]pyridine, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.27 ng	205896	Naphthalene-d8	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	58
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
4	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	49
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

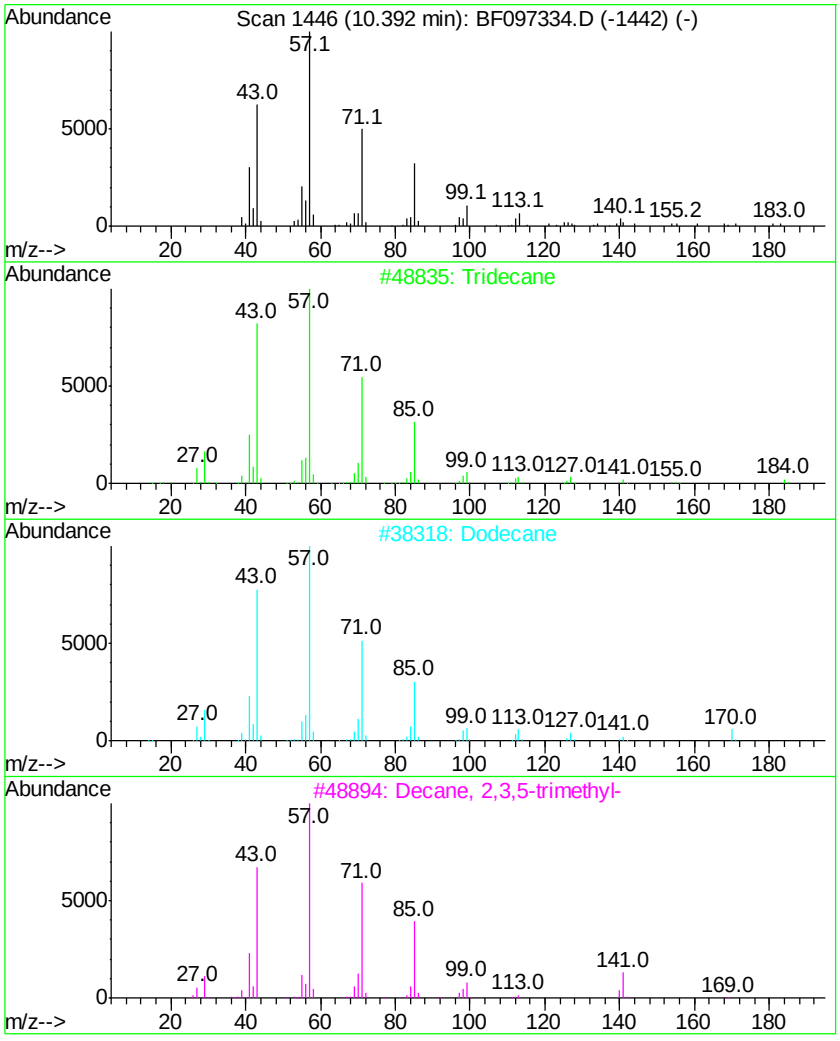
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

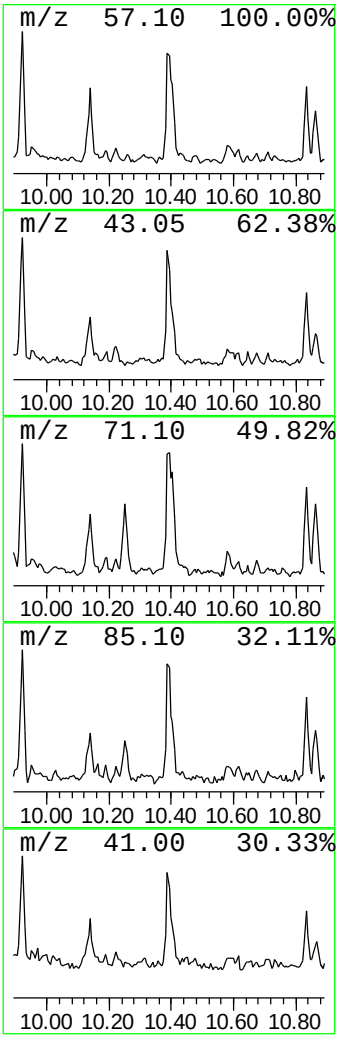
****

Peak Number 19 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	4.22 ng	151751	Phenanthrene-d10	10.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Dodecane	170	C12H26	000112-40-3	87
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
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Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

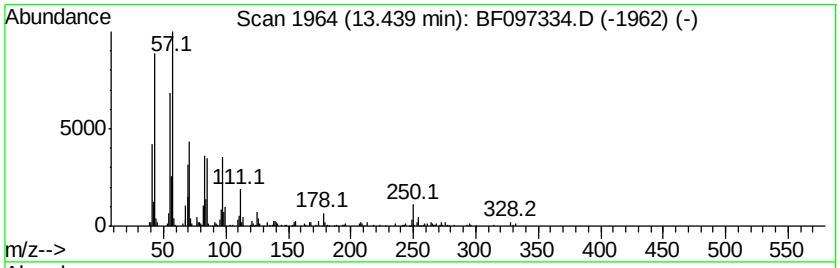
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

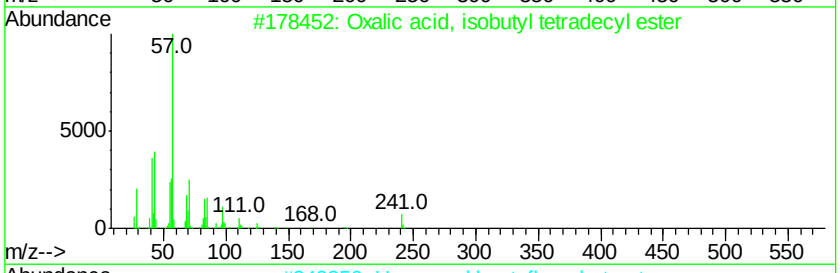
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

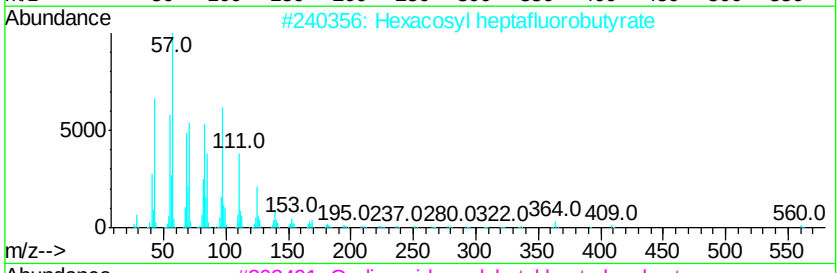
****
Peak Number 20 Oxalic acid, isobutyl tetra... Concentration Rank 10

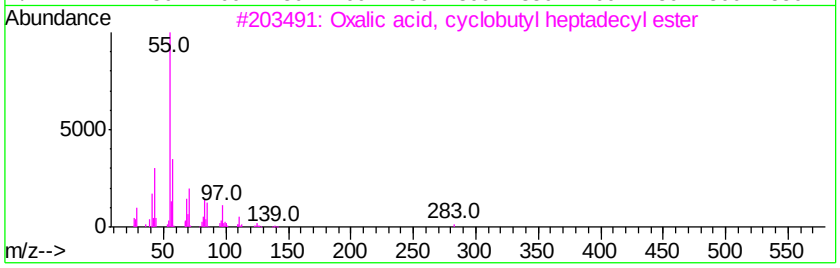
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.45 ng	150201	Chrysene-d12	13.56

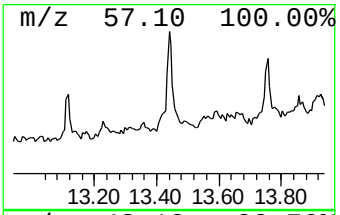
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
2	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	86
3	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	86
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	86
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	86

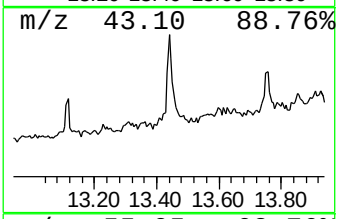


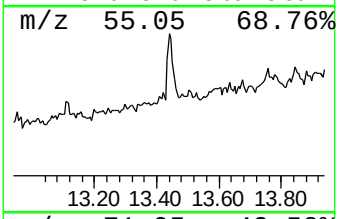


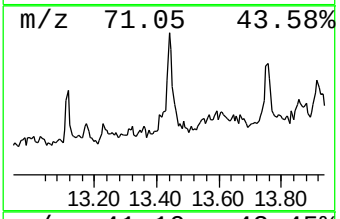


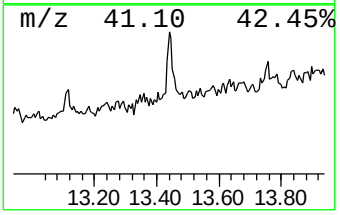












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080317\
Data File : BF097334.D
Acq On : 3 Aug 2017 23:24
Operator : SJ/JU
Sample : I4562-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-080117-F

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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...	4.57	7.3	ng	265005	1	6.45	728142	20.0
Cyclohexane, 1-et...	6.18	2.8	ng	102419	1	6.45	728142	20.0
unknown6.22	6.22	71.8	ng	2616000	1	6.45	728142	20.0
Undecane	6.30	5.6	ng	202851	1	6.45	728142	20.0
unknown6.75	6.75	2.9	ng	105420	1	6.45	728142	20.0
Benzene, 1,3-diet...	6.77	3.1	ng	113237	1	6.45	728142	20.0
Benzene, 1,2,3,4-...	7.25	4.0	ng	254798	2	7.73	1258780	20.0
Cyclohexane, (1-m...	7.36	4.5	ng	283598	2	7.73	1258780	20.0
Benzene, 1-methyl...	7.47	2.8	ng	178368	2	7.73	1258780	20.0
Undecane, 2-methyl-	7.50	3.7	ng	235496	2	7.73	1258780	20.0
unknown7.55	7.55	2.8	ng	177154	2	7.73	1258780	20.0
Naphthalene, 1,2,...	7.93	4.2	ng	263053	2	7.73	1258780	20.0
Decane, 2,6,7-tri...	8.17	6.2	ng	390866	2	7.73	1258780	20.0
Hexadecane	8.34	6.1	ng	384528	2	7.73	1258780	20.0
1H-Pyrrolo[2,3-b]...	8.42	3.3	ng	205896	2	7.73	1258780	20.0
Tridecane	10.39	4.2	ng	151751	4	10.94	719333	20.0
Oxalic acid, isob...	13.44	4.5	ng	150201	5	13.56	674651	20.0