LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

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-BF081517.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	3.522	237	244	253	rVB2	30708	53148	1.19%	0.119%
2	4.363	382	387	396	rVB6	36429	61570	1.38%	0.138%
3	4.892	465	477	481	rBV4	23648	67759	1.52%	0.152%
4	4.951	483	487	496	rBV	455734	532829	11.97%	1.192%
5	5.157	519	522	525	rBV	59373	59815	1.34%	0.134%
6	5.369	547	558	561	rBV	2323186	2554712	57.41%	5.715%
7	5.522	580	584	589	rBV3	58447	83659	1.88%	0.187%
8	5.569	589	592	595	rVB	57903	51074	1.15%	0.114%
9	5.610	595	599	605	rBV4	40102	69846	1.57%	0.156%
10	5.663	605	608	615	rBV2	123514	139003	3.12%	0.311%
11	5.781	622	628	631	rVB2	84875	130564	2.93%	0.292%
12	5.828	631	636	639	rBV3	41614	66920	1.50%	0.150%
13	5.910	645	650	655	rVB3	130187	150537	3.38%	0.337%
14	5.963	655	659	661	rBV2	47746	68515	1.54%	0.153%
15	6.010	664	667	669	rVV	257240	239569	5.38%	0.536%
16	6.028	669	670	673	rVB	55778	44507	1.00%	0.100%
17	6.063	673	676	679	rBV	148103	135339	3.04%	0.303%
18	6.198	693	699	702	rBV2	135572	182403	4.10%	0.408%
19	6.263	708	710	712	rVB	125413	86227	1.94%	0.193%
20	6.292	712	715	717	rBV2	211241	222565	5.00%	0.498%
21	6.316	717	719	723	rVB2	87057	73924	1.66%	0.165%
22	6.357	723	726	727	rBV	57306	51843	1.17%	0.116%
23	6.398	727	733	737	rVV	2932219	3326539	74.76%	7.442%
24	6.434	737	739	742	rVB3	87271	71833	1.61%	0.161%
25	6.528	747	755	759	rBV	2729635	3090877	69.46%	6.915%
26	6.604	763	768	770	rBV2	223049	311533	7.00%	0.697%
27	6.728	781	789	791	rBV6	90487	187771	4.22%	0.420%
28	6.763	791	795	797	rVV	1123374	1133264	25.47%	2.535%
29	6.781	797	798	802	rVB	435508	244092	5.49%	0.546%
30	6.822	802	805	808	rBV2	132441	139875	3.14%	0.313%
31	6.857	808	811	813	rBV3	86888	114232	2.57%	0.256%
32	6.881	813	815	817	rVV	95970	88169	1.98%	0.197%
33	6.916	817	821	824	rVV	2292795	2144222	48.19%	4.797%
34	6.945	824	826	829	rVB	126736	105332	2.37%	0.236%

LSC Area Percent Report

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Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.998	832	835	836	rBV2	97310	86672	1.95%	0.194%
36	7.039	839	842	845	rVB3	267994	313651	7.05%	0.702%
37	7.081	845	849	851	rBV2	139032	182358	4.10%	0.408%
38	7.104	851	853	857	rVB2	165255	152082	3.42%	0.340%
39	7.157	858	862	865	rBV	294772	284844	6.40%	0.637%
40	7.186	865	867	872	rVB4	88232	129817	2.92%	0.290%
41	7.239	872	876	877	rBV3	45782	53357	1.20%	0.119%
42	7.328	881	891	895	rVV	2058043	2641007	59.35%	5.909%
43	7.363	895	897	900	rVB	289243	235271	5.29%	0.526%
44	7.410	900	905	908	rVB4	304020	423728	9.52%	0.948%
45	7.457	908	913	914	rBV5	154454	214209	4.81%	0.479%
46	7.481	914	917	919	rVB3	157768	150151	3.37%	0.336%
47	7.551	927	929	930	rVB2	105078	73309	1.65%	0.164%
48	7.569	930	932	935	rVB	291860	230991	5.19%	0.517%
49	7.604	935	938	942	rBV2	74168	102907	2.31%	0.230%
50	7.651	942	946	947	rBV2	189670	184317	4.14%	0.412%
51	7.686	950	952	956	rVB4	318956	384817	8.65%	0.861%
52	7.733	956	960	963	rBV2	378850	412266	9.26%	0.922%
53	7.763	963	965	967	rBV	163808	134723	3.03%	0.301%
54	7.816	970	974	977	rVB4	124457	164231	3.69%	0.367%
55	7.845	977	979	981	rBV	146577	104204	2.34%	0.233%
56	7.869	981	983	988	rVB3	205460	203066	4.56%	0.454%
57	7.916	988	991	995	rBV	268611	265320	5.96%	0.594%
58	7.951	995	997	999	rVB2	87814	59754	1.34%	0.134%
59	7.986	999	1003	1007	rBV4	231551	338641	7.61%	0.758%
60	8.045	1007	1013	1019	rVV	1523064	2049428	46.06%	4.585%
61	8.110	1019	1024	1026	rVV2	550159	611130	13.73%	1.367%
62	8.133	1026	1028	1031	rVV	215185	200058	4.50%	0.448%
63	8.163	1031	1033	1036	rVB3	106720	116823	2.63%	0.261%
64	8.198	1036	1039	1041	rBV4	115145	143565	3.23%	0.321%
65	8.216	1041	1042	1045	rVV2	119226	106186	2.39%	0.238%
66	8.251	1045	1048	1050	rVB2	151343	139711	3.14%	0.313%
67	8.339	1058	1063	1066	rBV4	252750	298575	6.71%	0.668%
68	8.369	1066	1068	1070	rVB2	98491	79849	1.79%	0.179%
69	8.392	1070	1072	1075	rVB3	134584	111109	2.50%	0.249%
70	8.428	1075	1078	1081	rVB	229489	213094	4.79%	0.477%
71	8.469	1082	1085	1087	rBV	222218	184581	4.15%	0.413%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

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
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.510	1090	1092	1095	rVB3	70478	56866	1.28%	0.127%
73	8.551	1096	1099	1103	rBV4	78316	96710	2.17%	0.216%
74	8.592	1103	1106	1111	rVB5	57628	85256	1.92%	0.191%
75	8.639	1111	1114	1116	rBV3	154000	145323	3.27%	0.325%
76	8.733	1128	1130	1133	rVV3	63401	56514	1.27%	0.126%
77	8.798	1137	1141	1143	rBV4	40353	49794	1.12%	0.111%
78	8.851	1146	1150	1154	rVB4	44313	56150	1.26%	0.126%
79	8.951	1164	1167	1169	rBV3	42468	46430	1.04%	0.104%
80	9.069	1184	1187	1191	rVB2	98239	82203	1.85%	0.184%
81	9.122	1191	1196	1199	rBV	4218827	4449896	100.00%	9.955%
82	9.204	1206	1210	1214	rBV3	75260	94316	2.12%	0.211%
83	9.510	1259	1262	1267	rBV	549451	531900	11.95%	1.190%
84	9.792	1304	1310	1314	rBV	1457245	1394316	31.33%	3.119%
85	10.233	1382	1385	1387	rVB	69581	55305	1.24%	0.124%
86	10.586	1439	1445	1448	rBV	2476777	2592069	58.25%	5.799%
87	10.704	1462	1465	1474	rVB	98965	116917	2.63%	0.262%
88	11.151	1538	1541	1544	rBV	69879	53367	1.20%	0.119%
89	11.274	1558	1562	1565	rBV	1443628	1224250	27.51%	2.739%
90	11.463	1589	1594	1598	rVB2	44244	49912	1.12%	0.112%
91	12.498	1765	1770	1773	rBV2	28927	45374	1.02%	0.102%
92	12.868	1827	1833	1836	rBV	3231689	3552065	79.82%	7.947%
93	13.757	1981	1984	1992	rBV	289712	314461	7.07%	0.704%
94	13.904	2005	2009	2013	rBV	854060	769586	17.29%	1.722%
95	14.392	2090	2092	2100	rVB2	37856	62495	1.40%	0.140%
96	14.633	2130	2133	2136	rBV	60966	74081	1.66%	0.166%
97	15.327	2246	2251	2256	rVB	585161	714937	16.07%	1.599%
98	15.839	2335	2338	2347	rVB4	38354	63665	1.43%	0.142%

Sum of corrected areas: 44698027

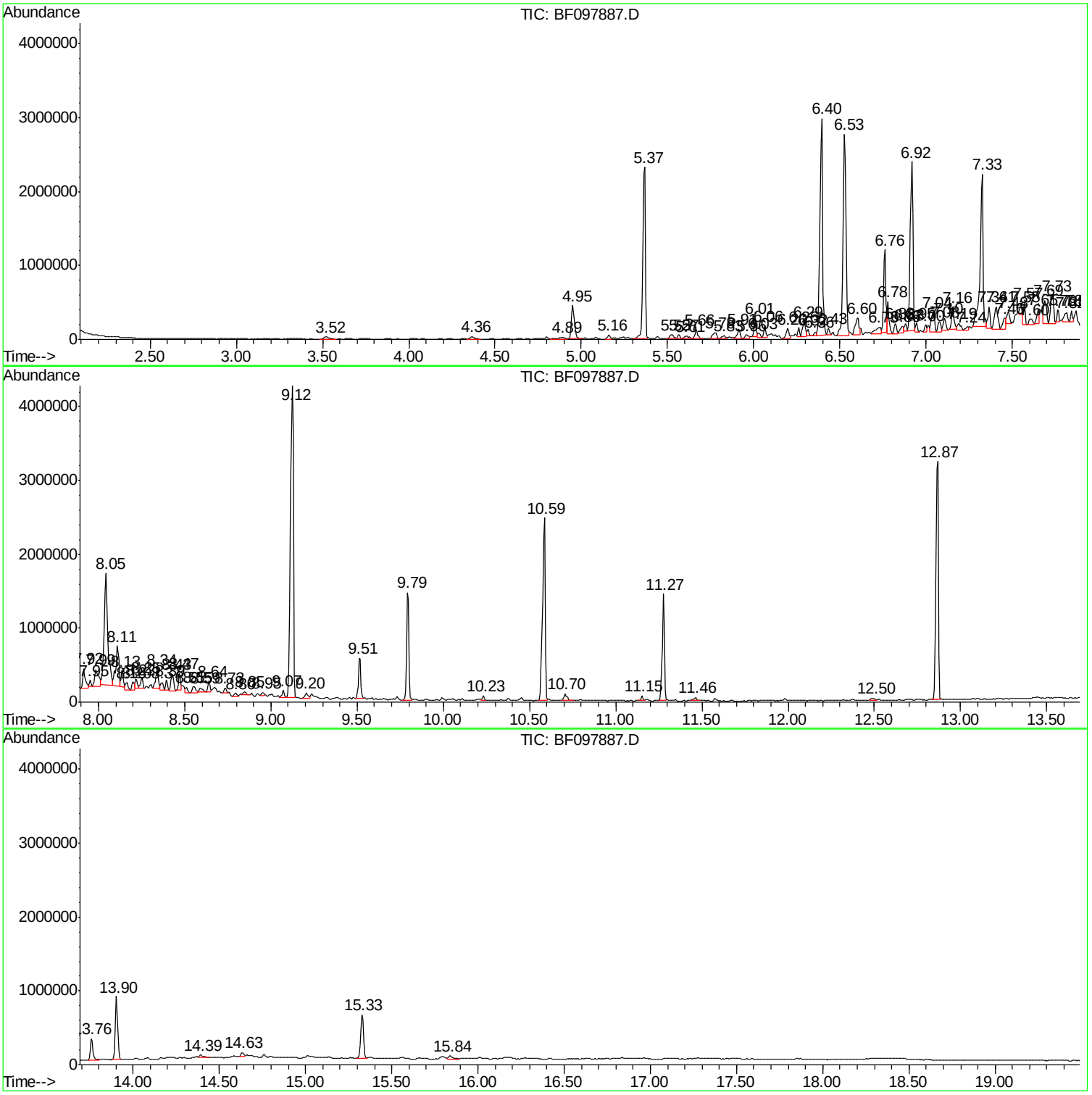
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

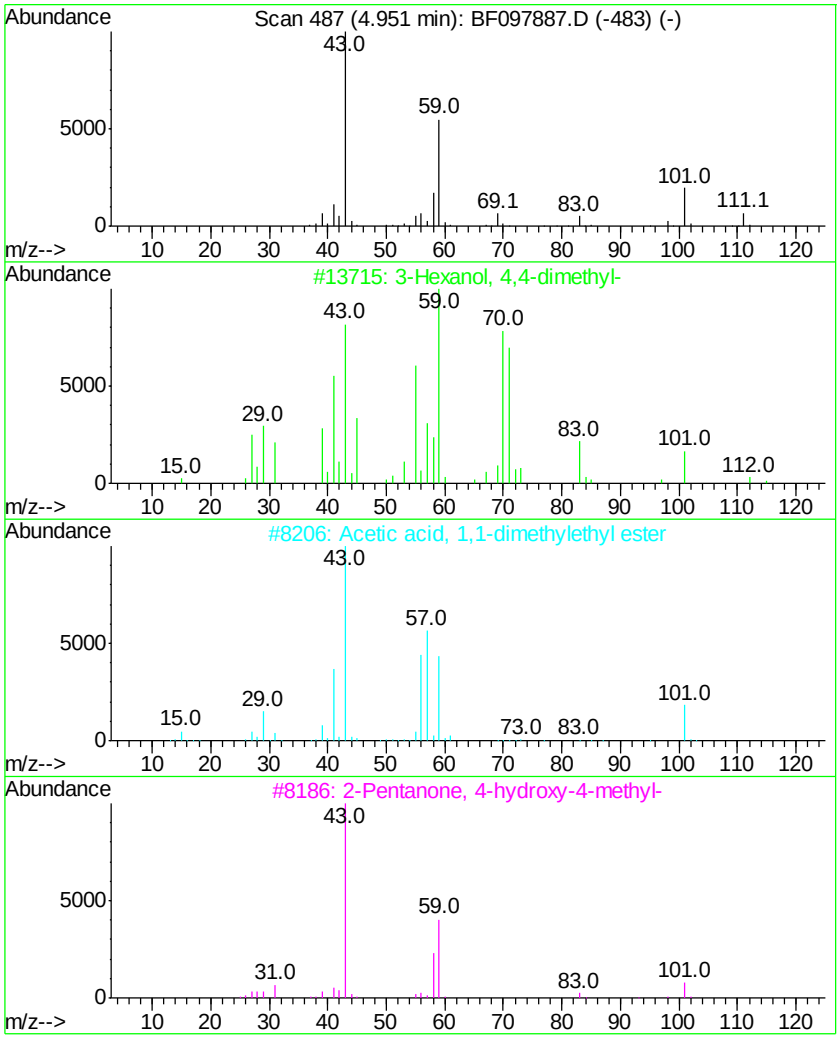
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

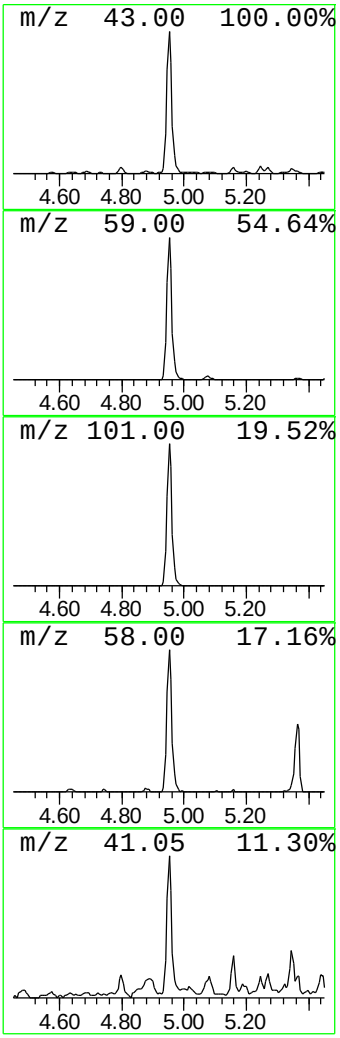
****

Peak Number 1 unknown4.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	9.40 ng	532829	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 4,4-dimethyl-	130	C8H18O	019550-09-5	38
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

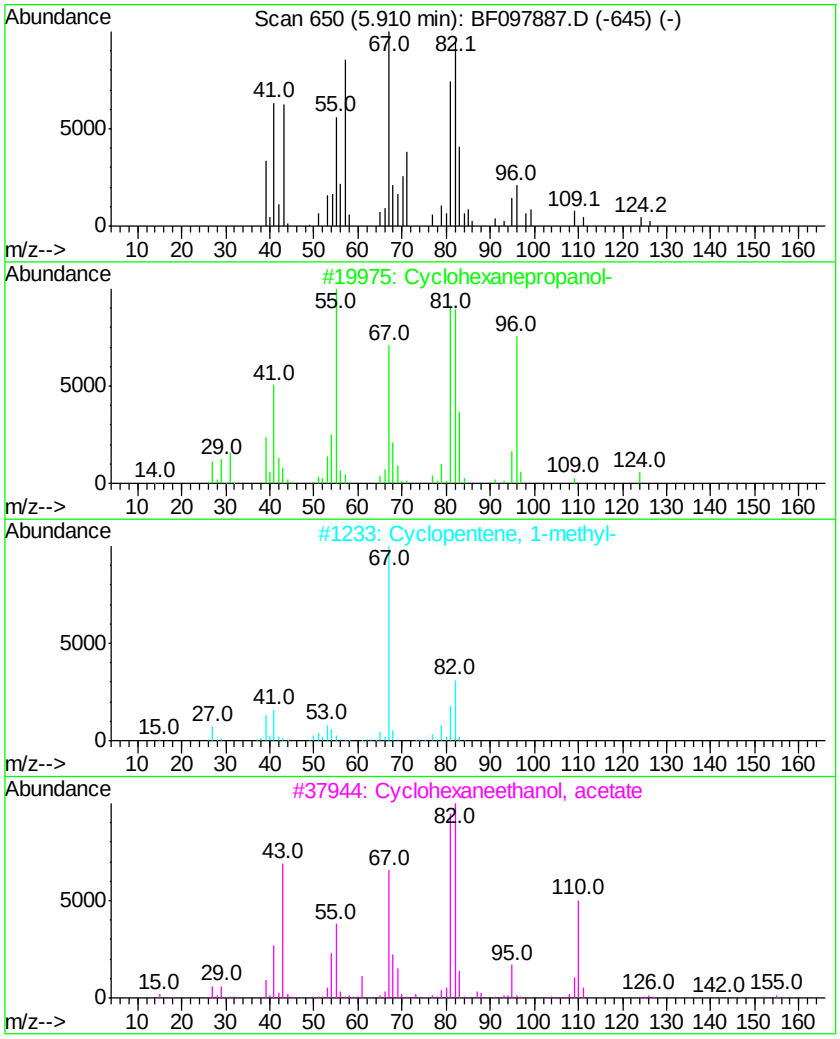
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

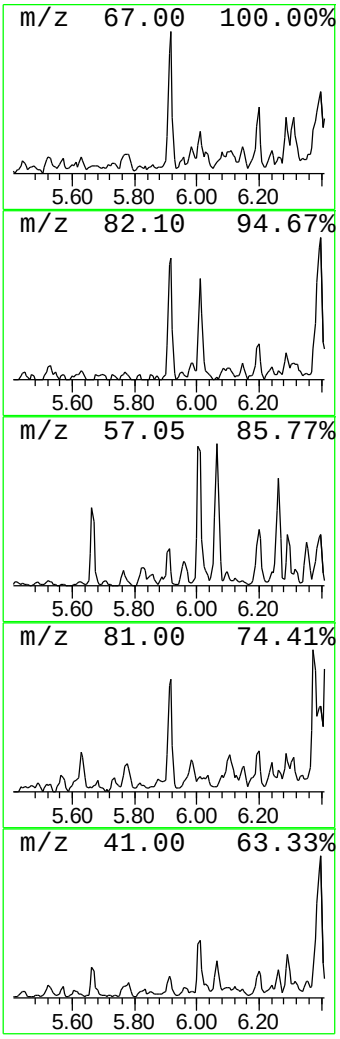
****

Peak Number 2 Cyclohexanepropanol- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.91	2.66 ng	150537	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanepropanol-	142	C9H18O	001124-63-6	53
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	49
3	Cyclohexaneethanol, acetate	170	C10H18O2	021722-83-8	47
4	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	004866-55-1	38
5	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	35





Library Search Compound Report

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Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

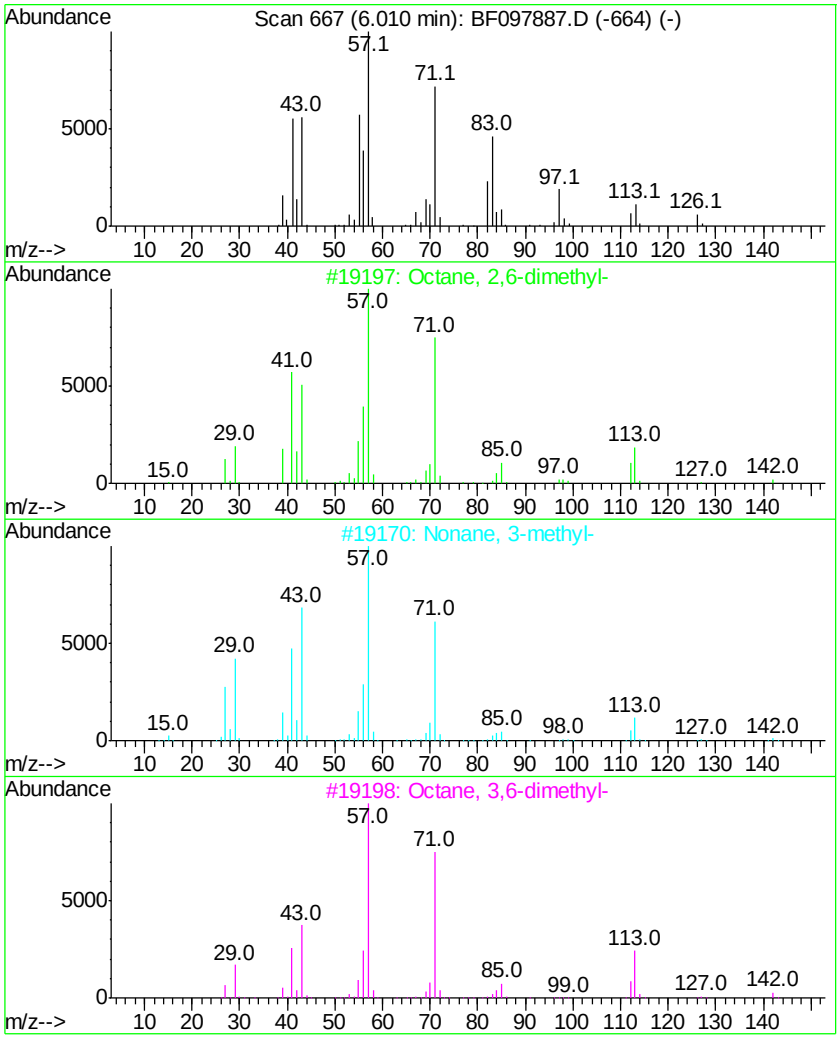
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

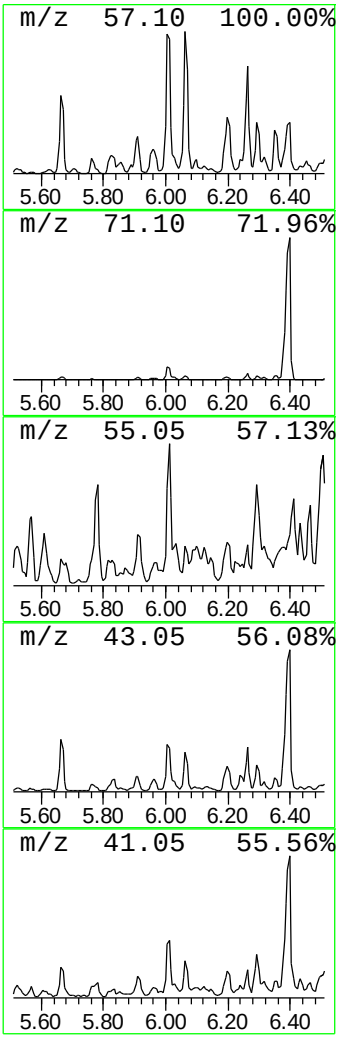
****

Peak Number 3 unknown6.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	4.23 ng	239569	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	47
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	35
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	35





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

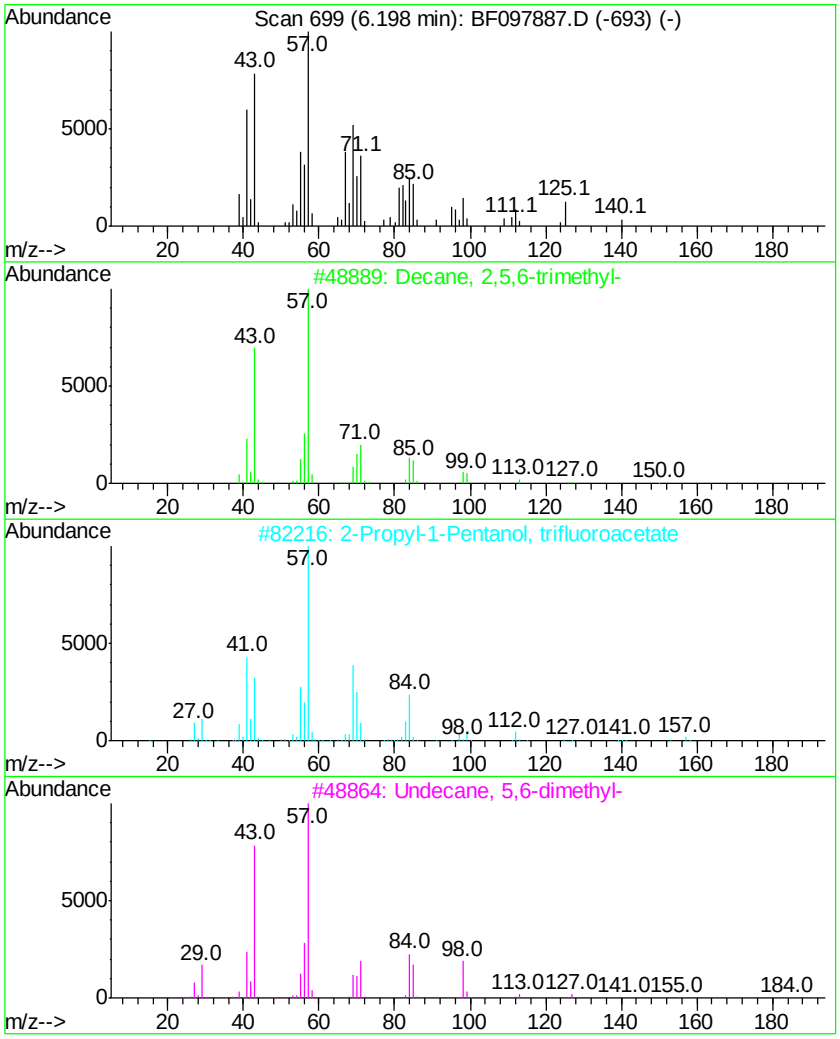
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

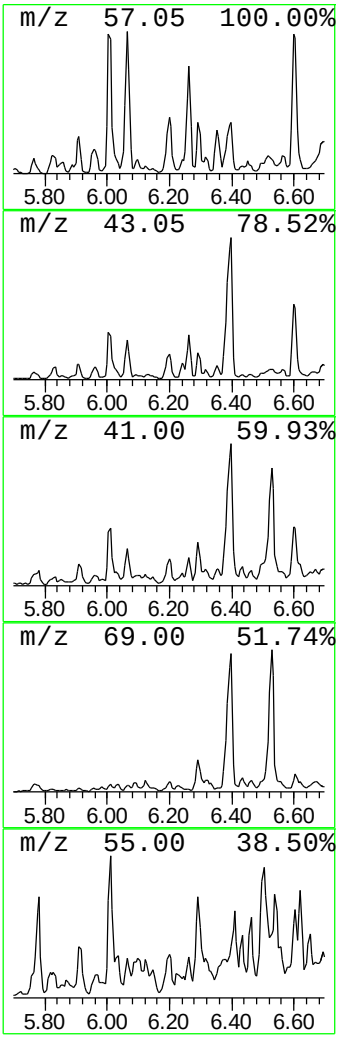
****

Peak Number 4 unknown6.20 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.22 ng	182403	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	35
2	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	30
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	27
4	Octane, 4-methyl-	128	C9H20	002216-34-4	27
5	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	27





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Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

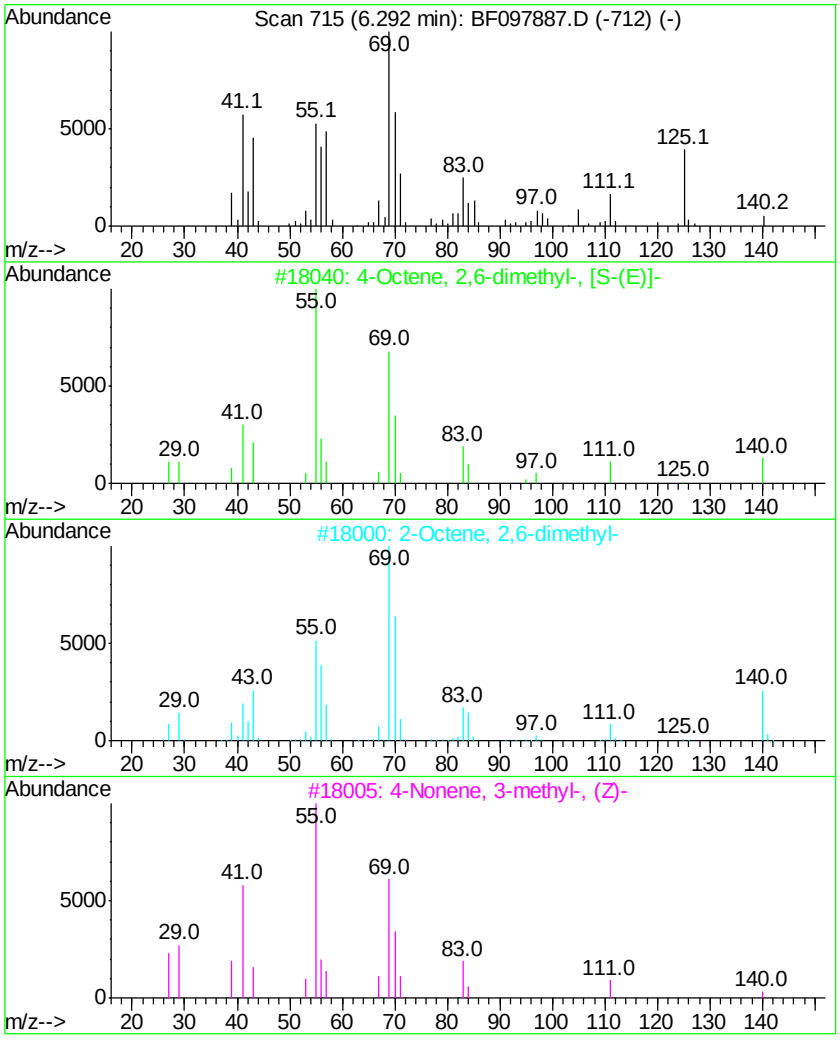
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

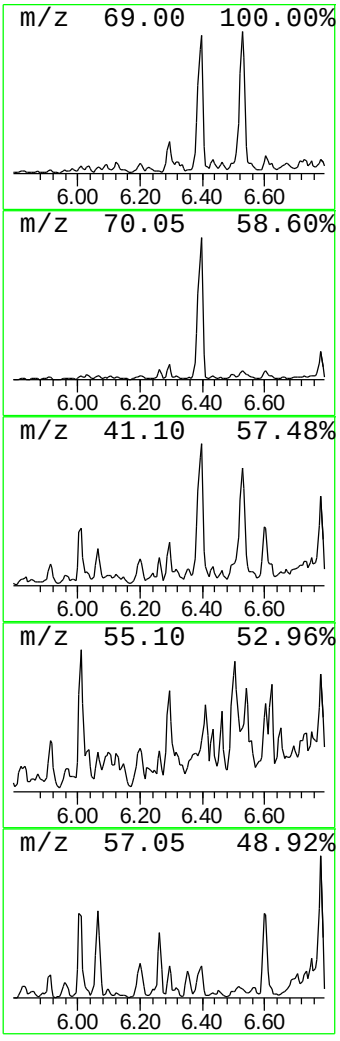
****

Peak Number 5 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	3.93 ng	222565	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	59
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	53
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
5	2-Methyl-2-octene	126	C9H18	016993-86-5	43





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Data File : BF097887.D
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Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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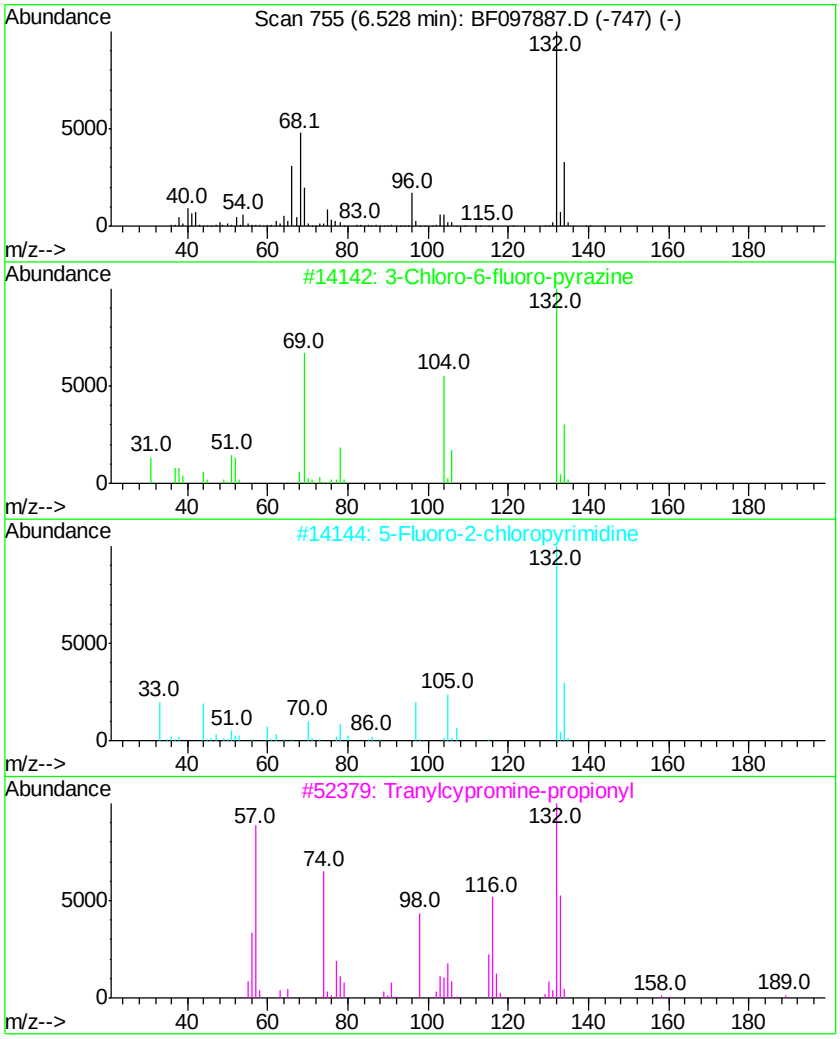
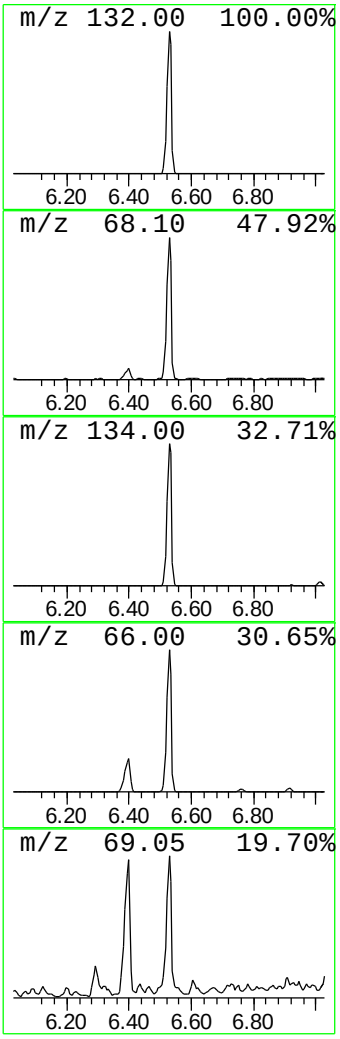
Peak Number 6 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	54.55 ng	3090880	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Operator : SJ/JU
Sample : I4828-01
Misc :
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Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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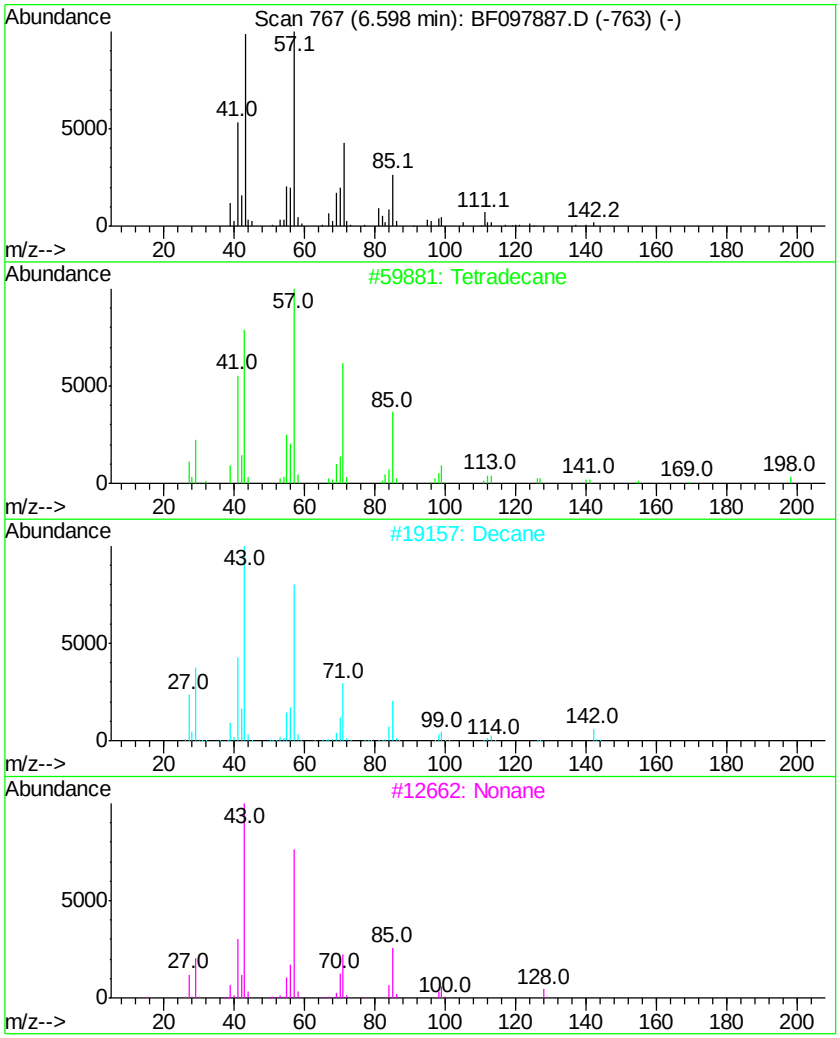
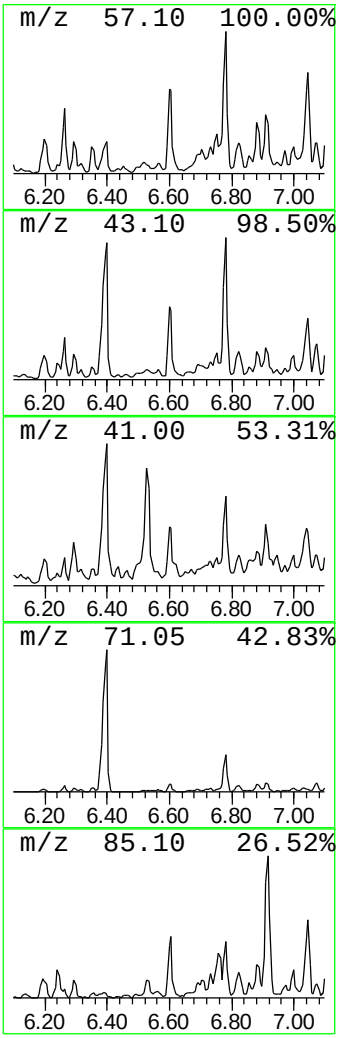
Peak Number 7 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	5.50 ng	311533	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Decane	142	C10H22	000124-18-5	72
3	Nonane	128	C9H20	000111-84-2	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Tridecane	184	C13H28	000629-50-5	59





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Instrument : BNA_F
ClientSampleId : SB-05

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TIC Library : C:\DATABASE\NIST11.L
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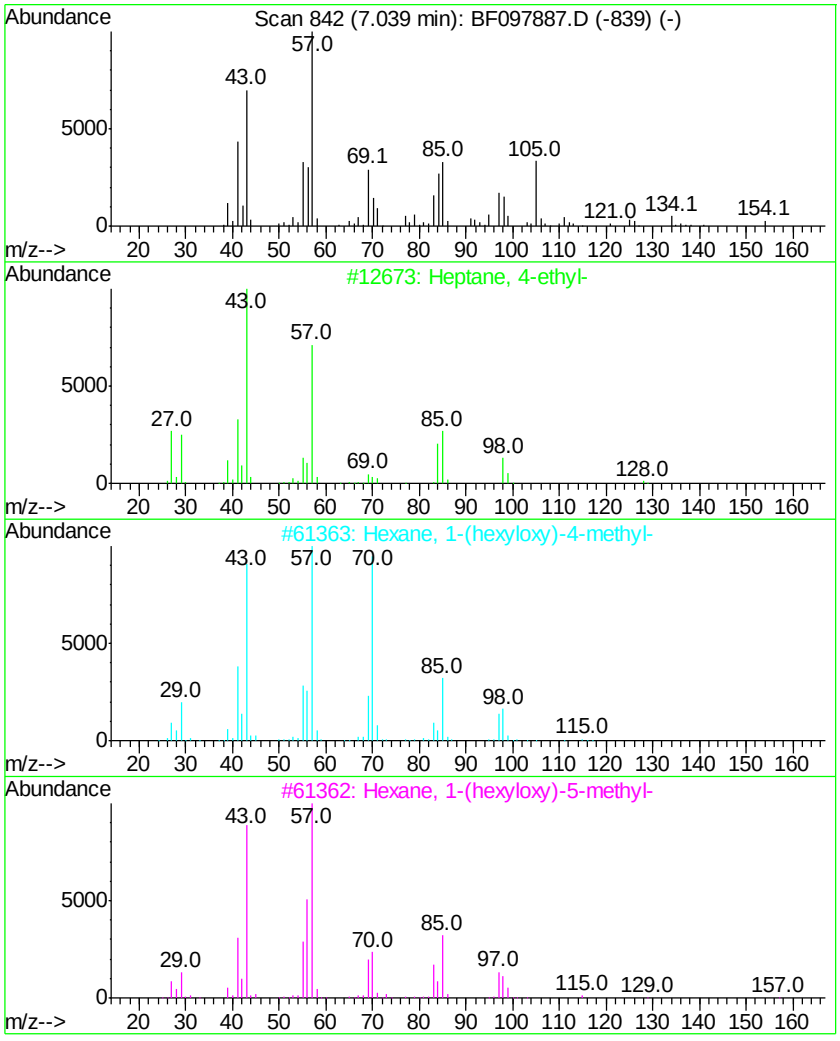
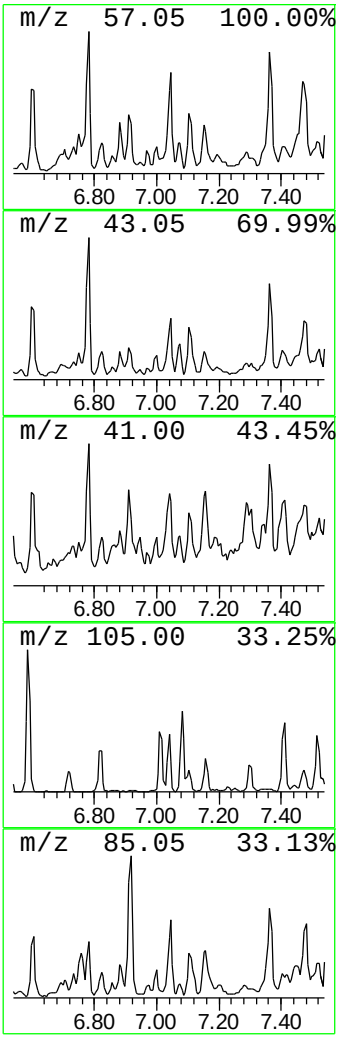
Peak Number 9 Heptane, 4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	5.54 ng	313651	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47
2	Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	47
3	Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	43
4	Ether, heptyl hexyl	200	C13H28O	007289-40-9	43
5	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	38





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ClientSampleId : SB-05

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TIC Library : C:\DATABASE\NIST11.L
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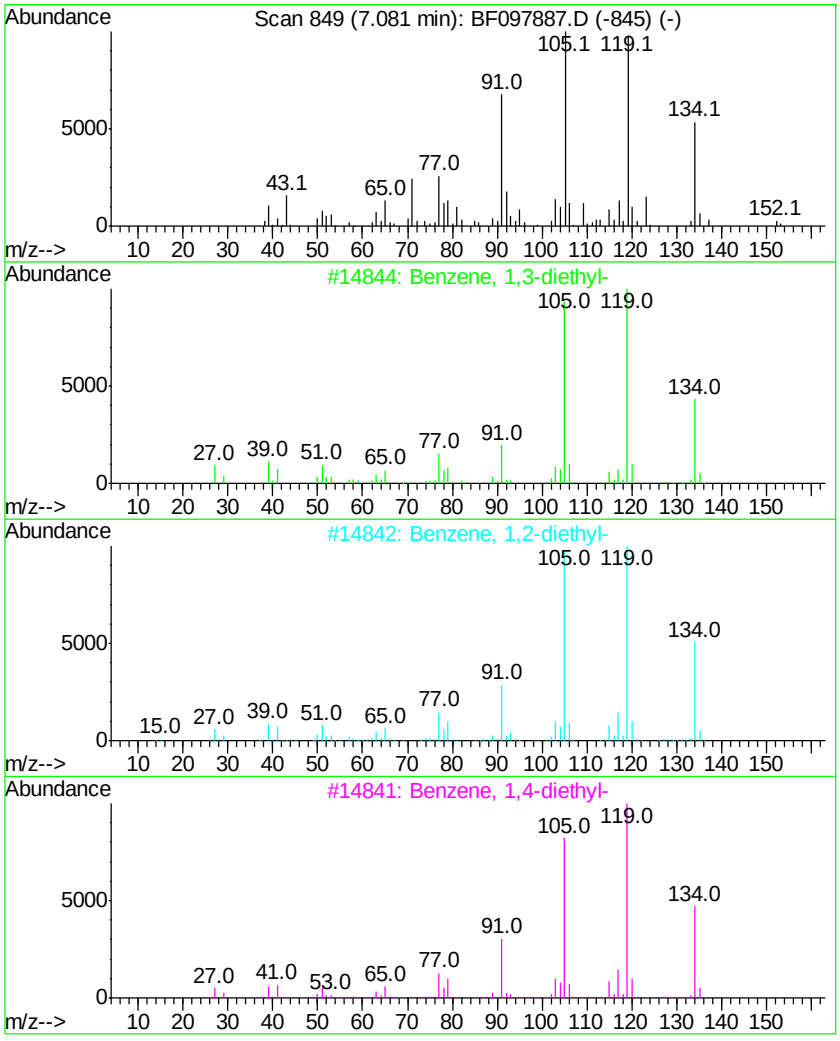
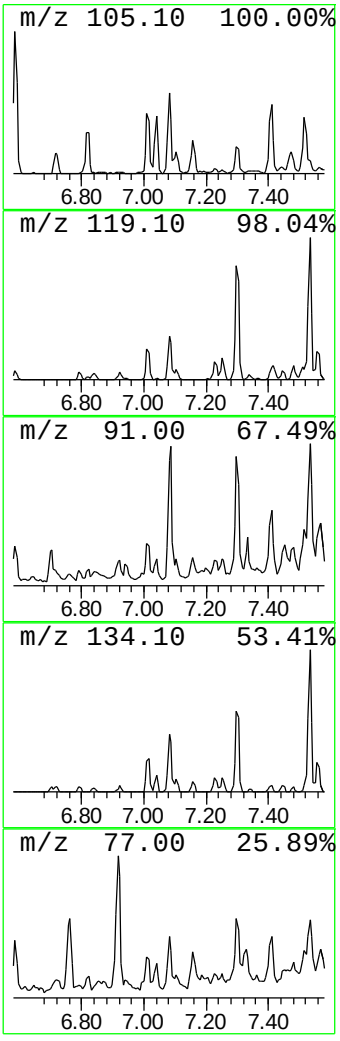
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	3.22 ng	182358	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Integration Parameters: LSCINT.P

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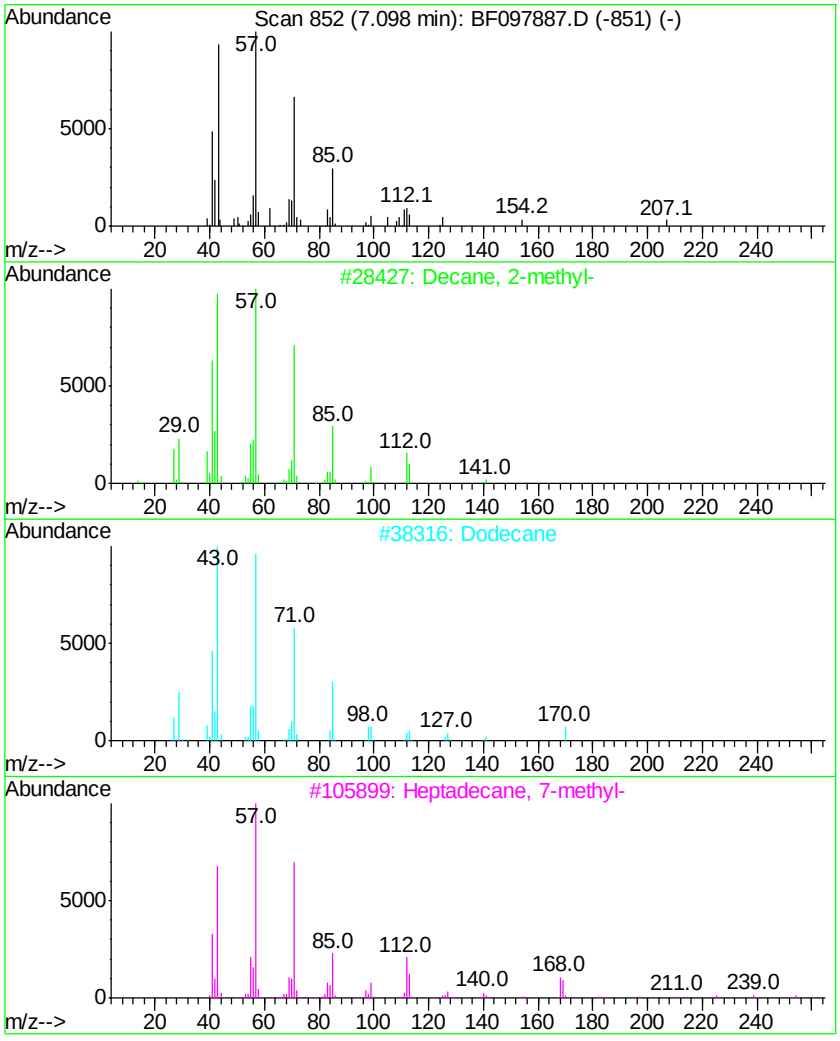
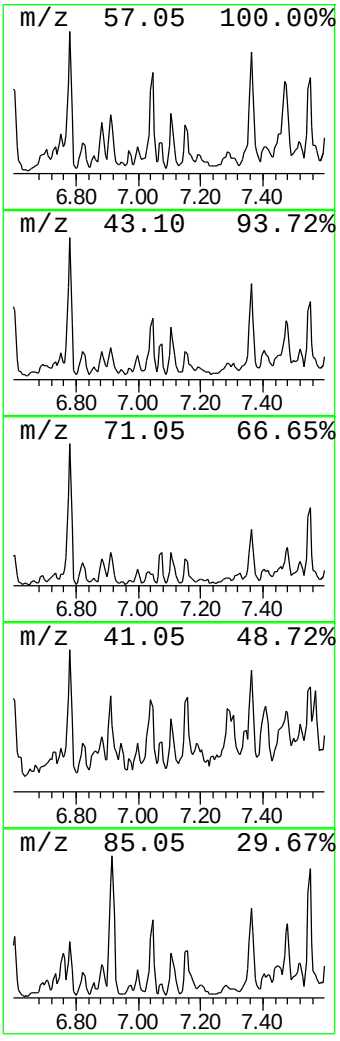
Peak Number 11 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	2.68 ng	152082	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	78
2	Dodecane	170	C12H26	000112-40-3	59
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	53
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	53
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId : SB-05

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TIC Library : C:\DATABASE\NIST11.L
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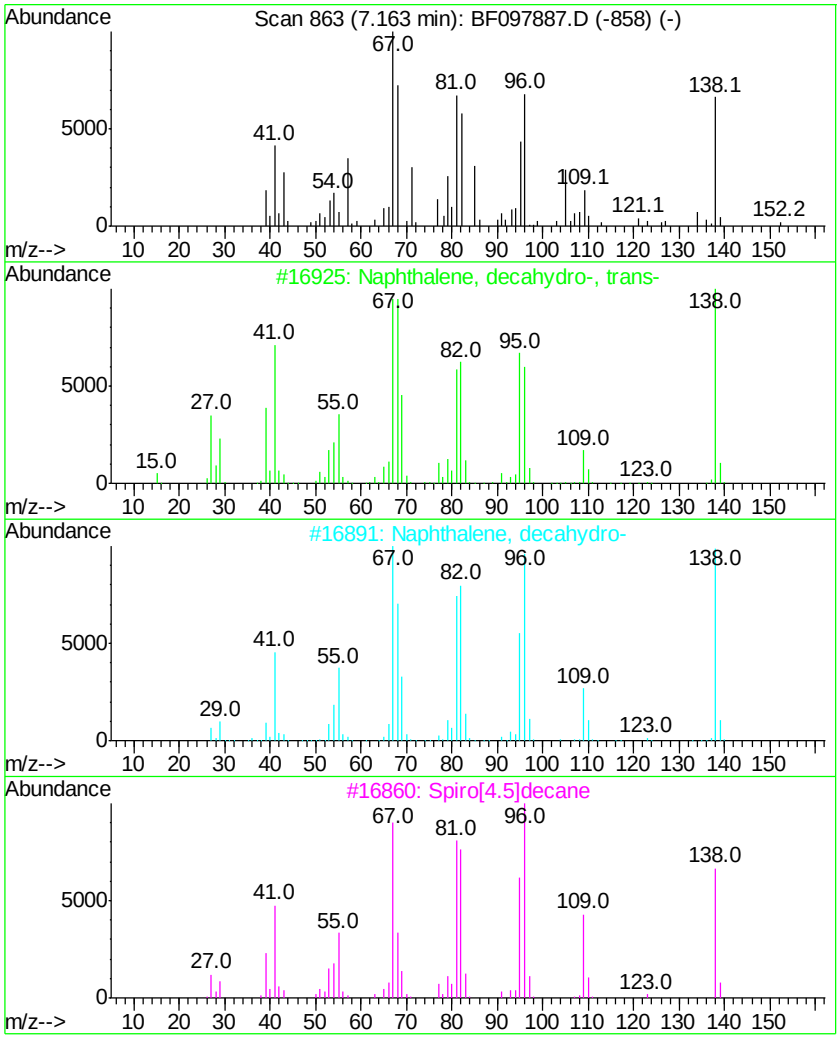
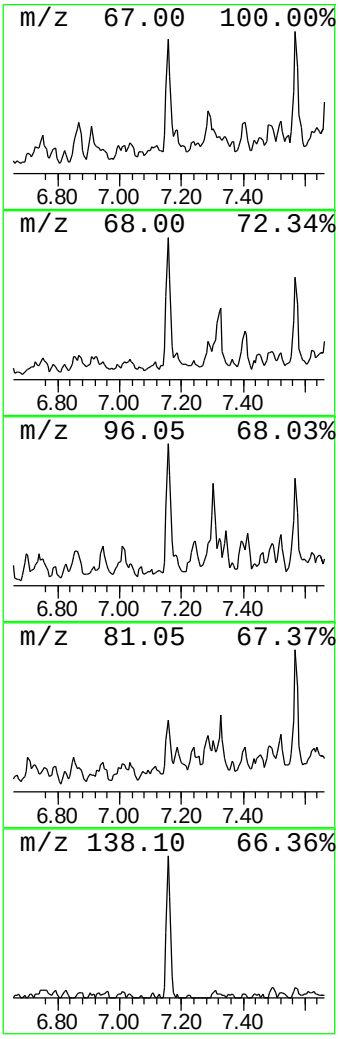
Peak Number 12 Naphthalene, decahydro-, tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	5.03 ng	284844	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	86
3	Spiro[4.5]decane	138	C10H18	000176-63-6	64
4	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	64
5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64





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ClientSampleId : SB-05

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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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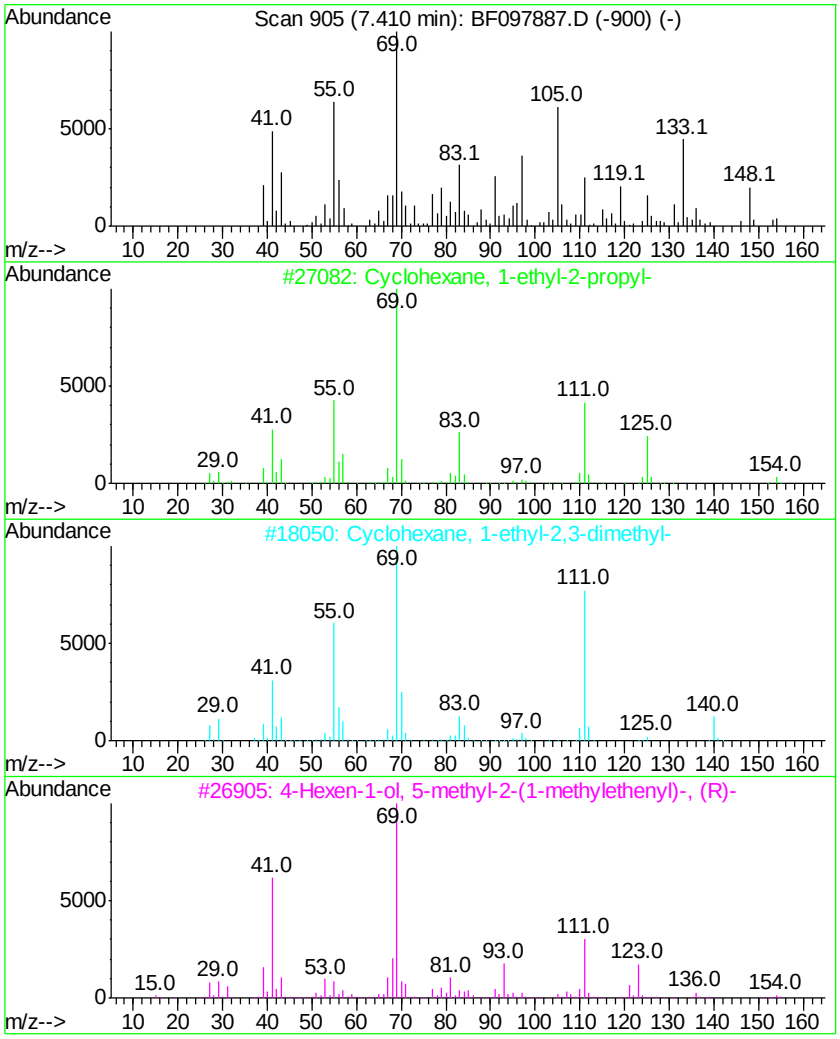
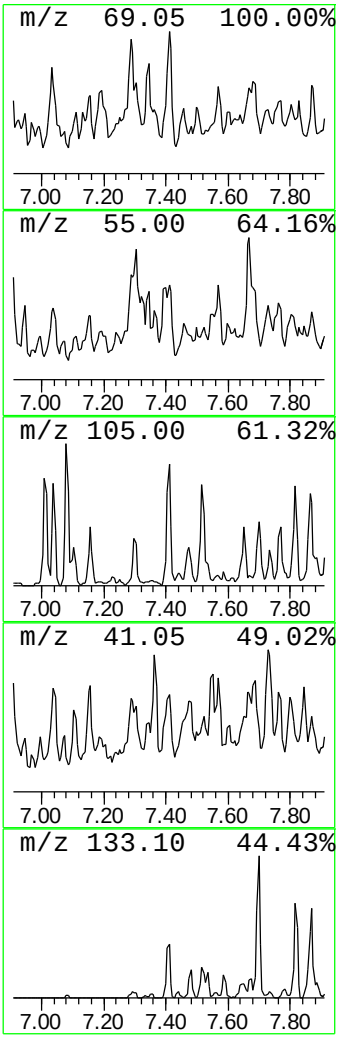
Peak Number 13 unknown7.41 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	4.14 ng	423728	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	35
2	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	27
3	4-Hexen-1-ol, 5-methyl-2-(1-meth...	154	C10H18O	000498-16-8	27
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	27
5	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	27





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Instrument : BNA_F
ClientSampleId : SB-05

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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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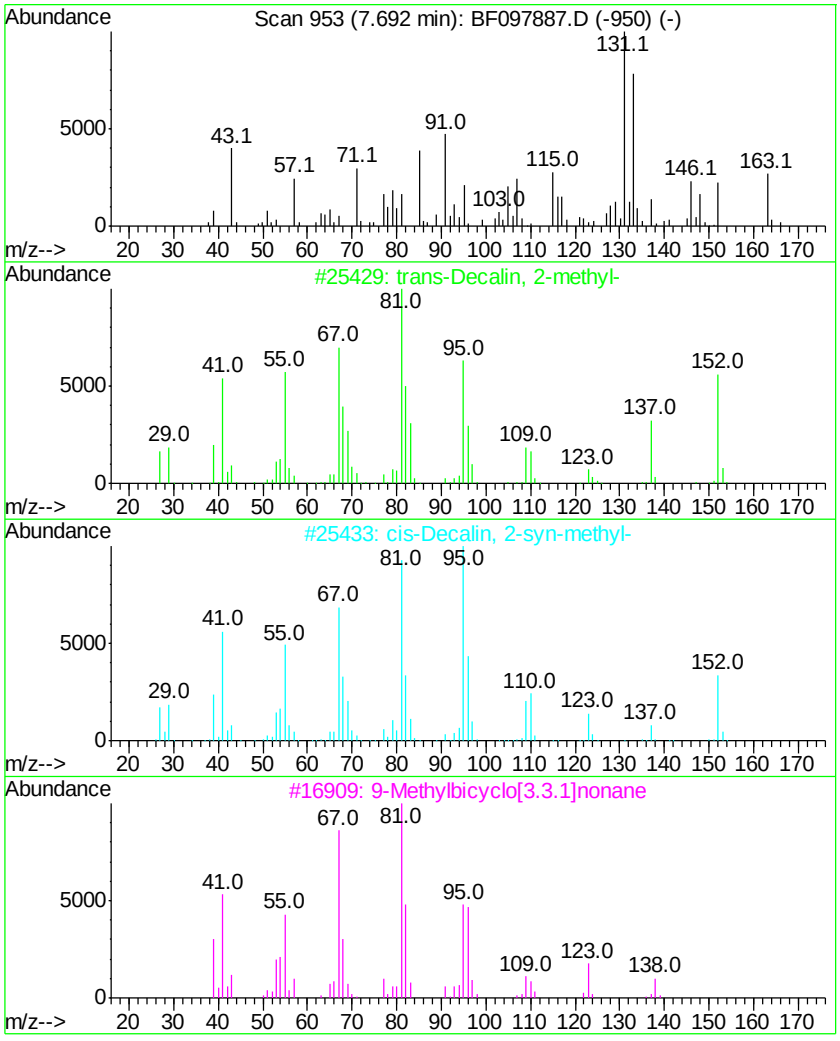
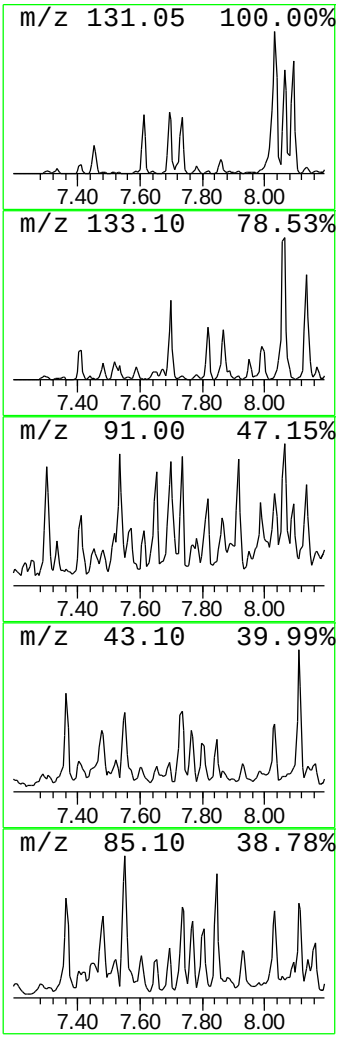
Peak Number 14 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	3.76 ng	384817	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	72
3	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	64
4	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	64
5	Pulegone	152	C10H16O	000089-82-7	52





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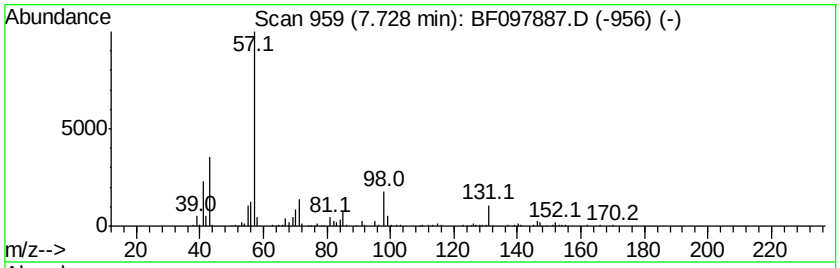
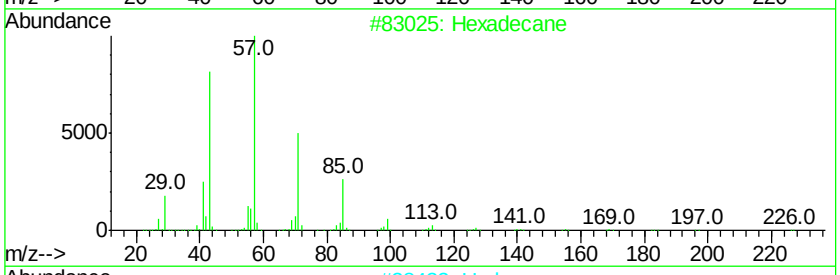
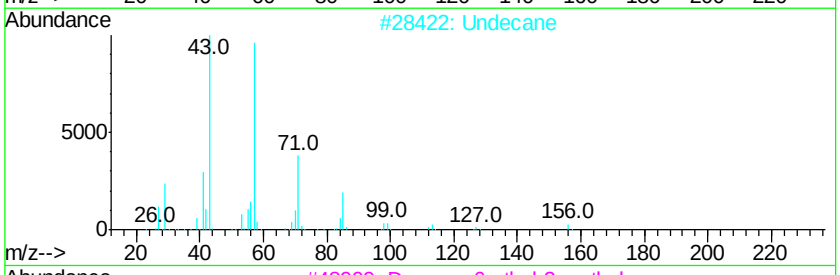
Peak Number 15 unknown7.73 Concentration Rank 11

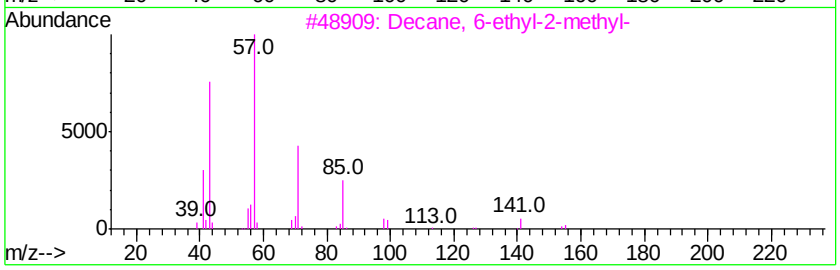
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	4.02 ng	412266	Naphthalene-d8	8.05

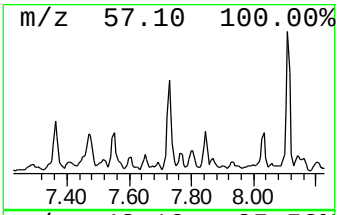
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	43
2	Undecane	156	C11H24	001120-21-4	43
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
4	Tridecane	184	C13H28	000629-50-5	38
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38

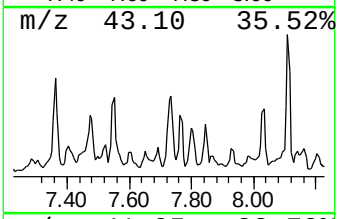


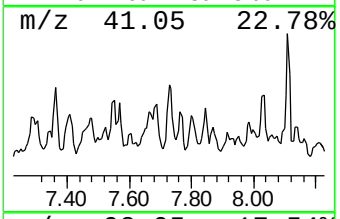


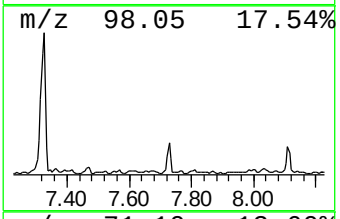


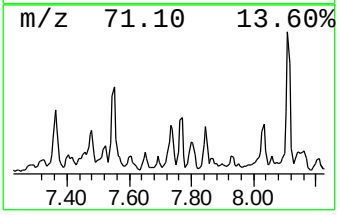












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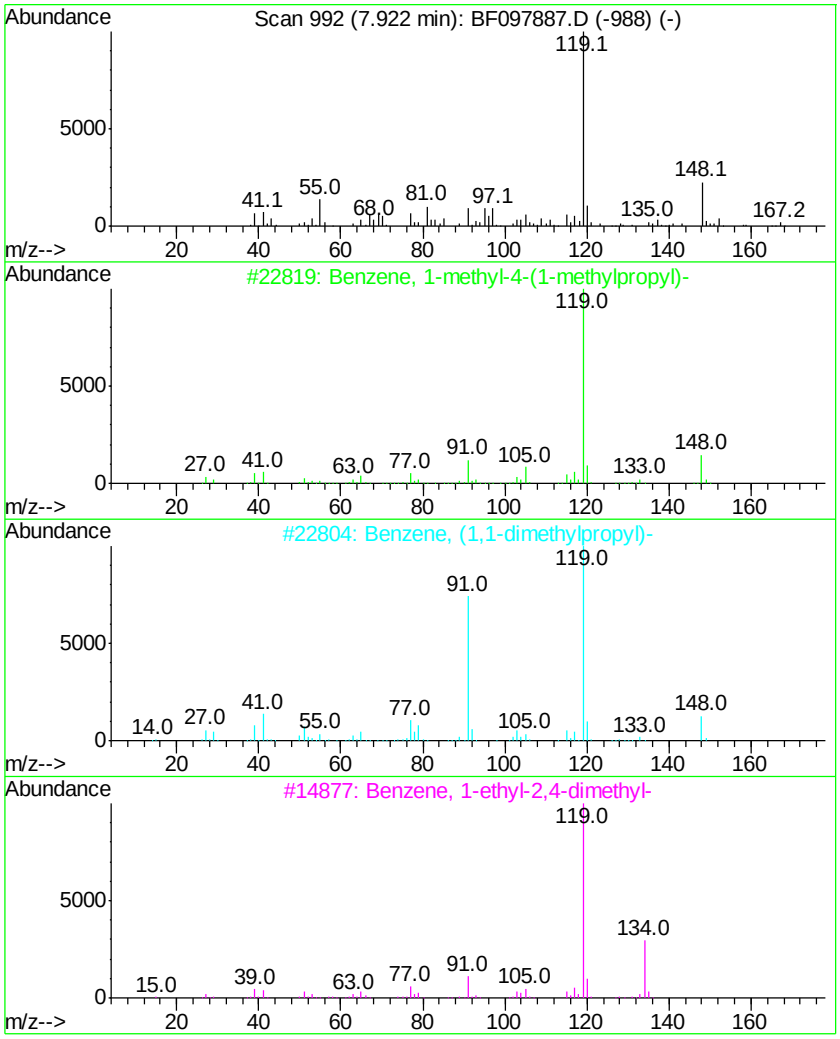
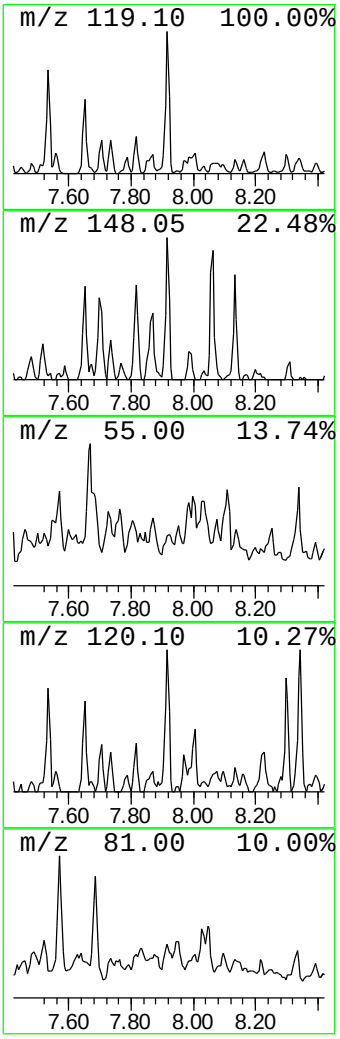
Peak Number 16 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	2.59 ng	265320	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	80
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	1-Chloromethyl-3,5-dimethylbenzene	154	C9H11Cl	002745-54-2	59





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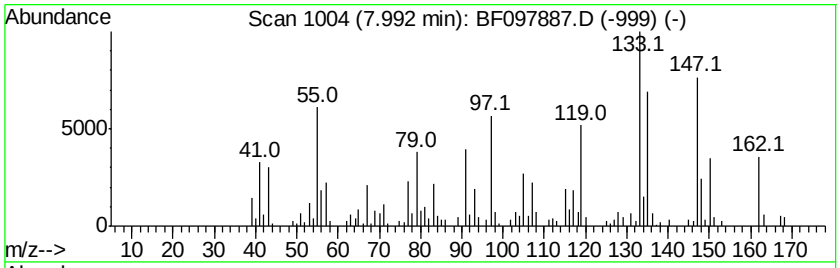
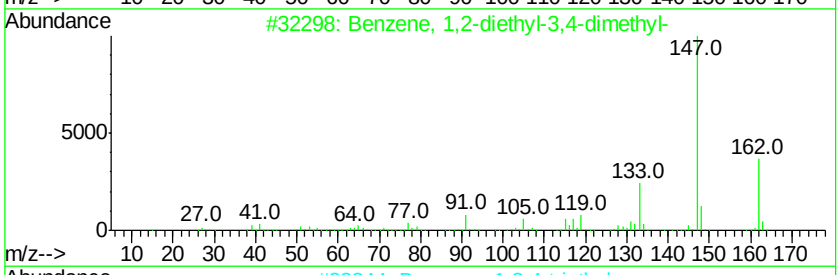
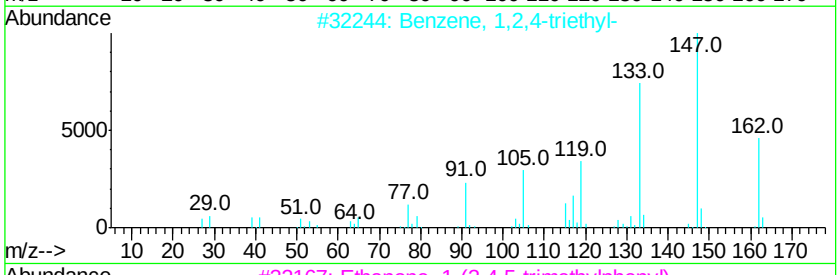
Peak Number 17 unknown7.99 Concentration Rank 14

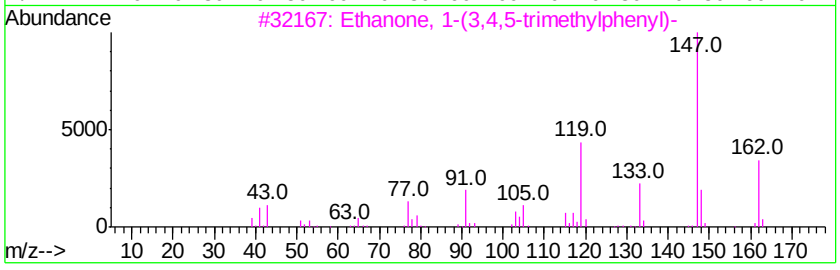
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	3.30 ng	338641	Naphthalene-d8	8.05

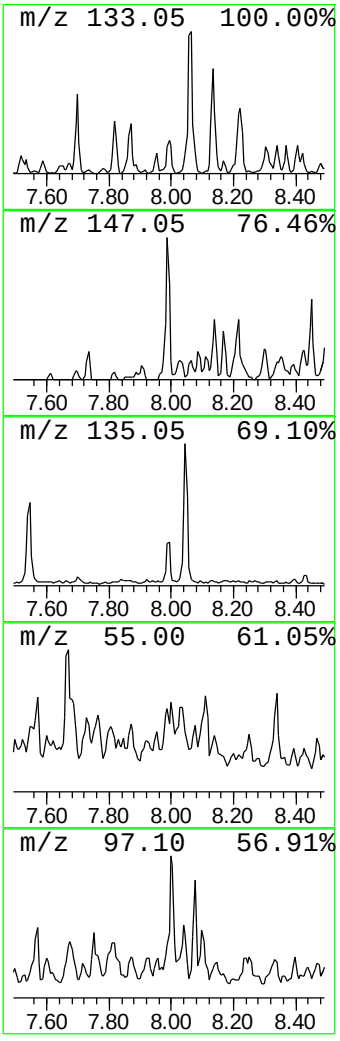
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-3,4-dimethyl-	162	C12H18	054410-75-2	43
2	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	38
3	Ethanone, 1-(3,4,5-trimethylphen...	162	C11H14O	002047-21-4	38
4	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	30
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	30











Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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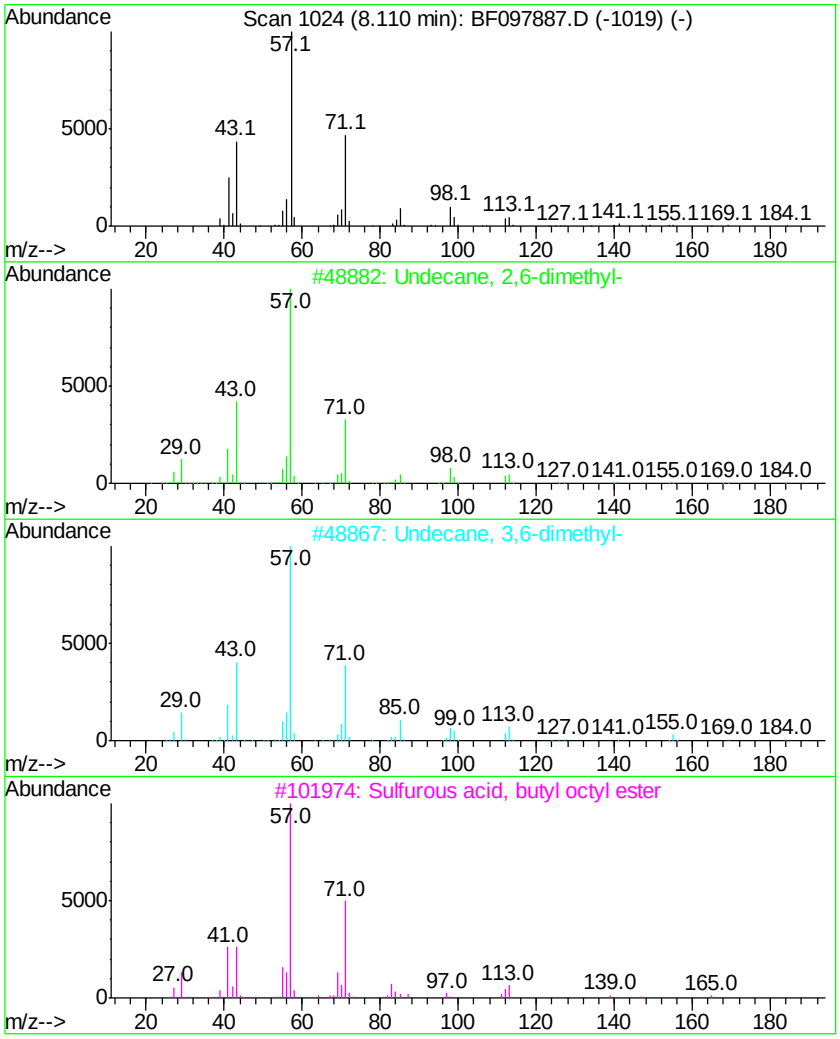
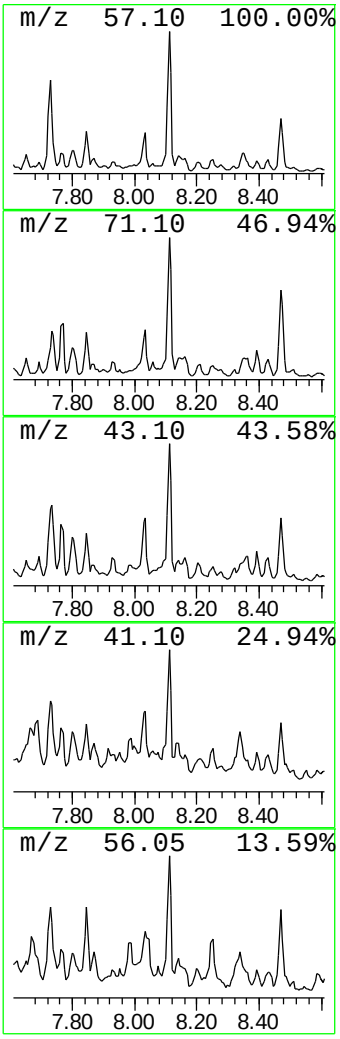
Peak Number 18 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	5.96 ng	611130	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	59
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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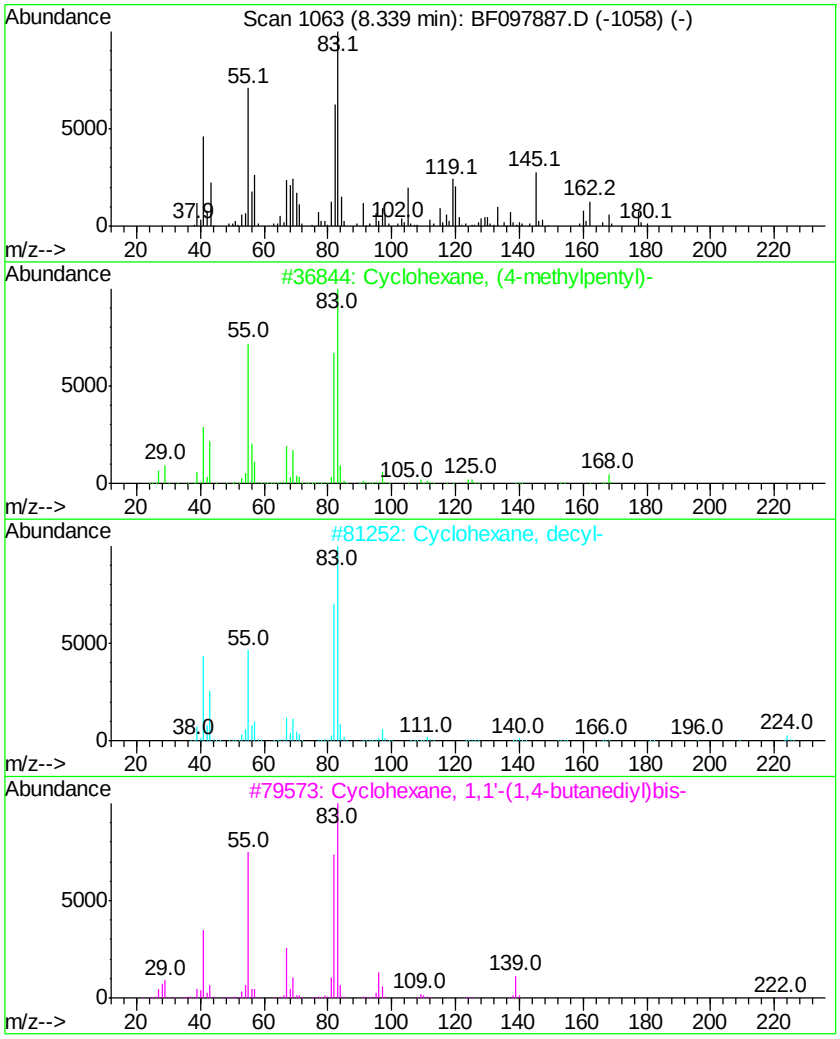
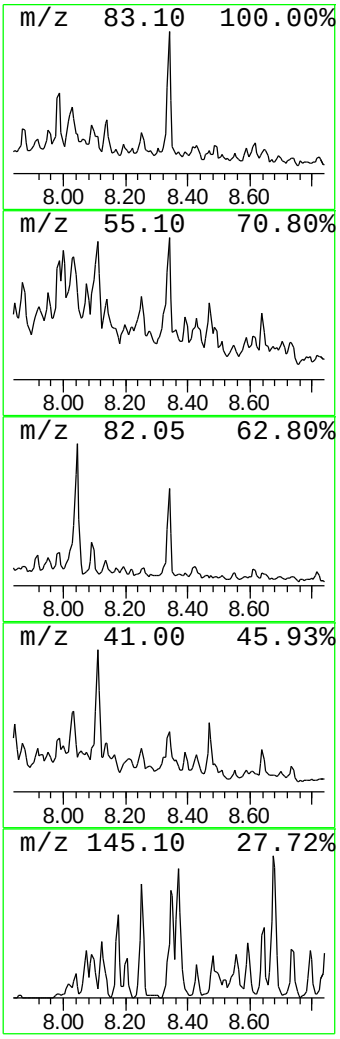
Peak Number 19 unknown8.34 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	2.91 ng	298575	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	38
3	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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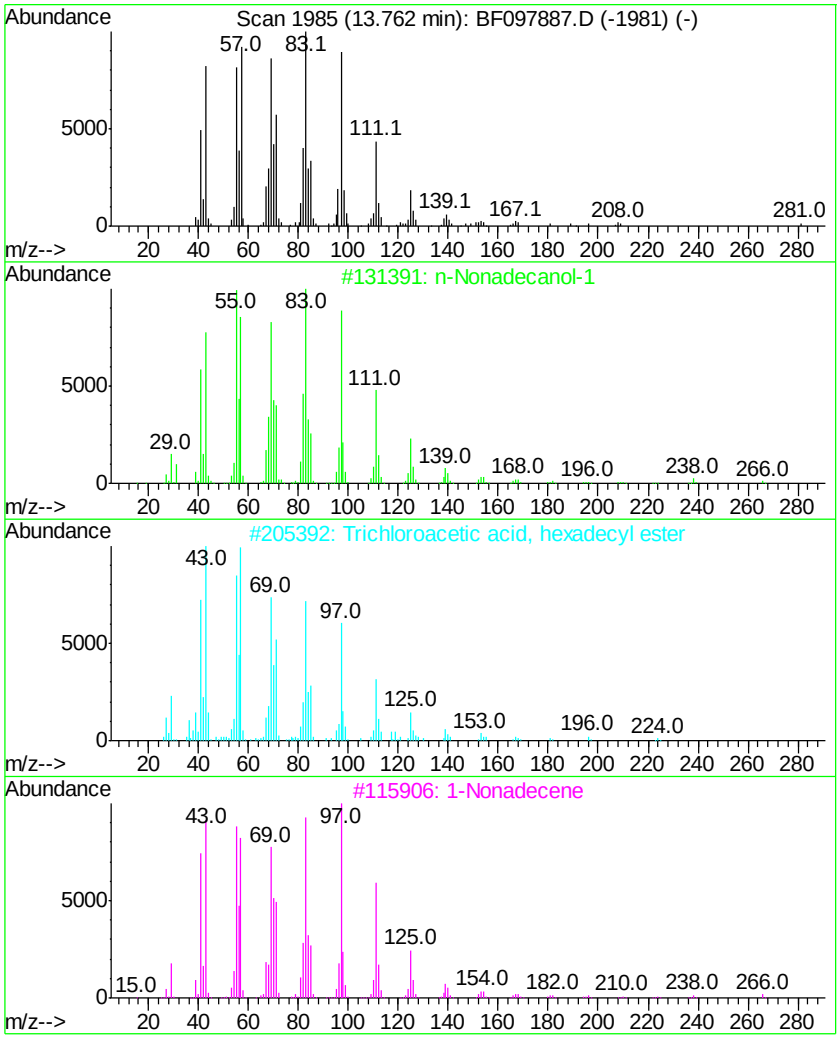
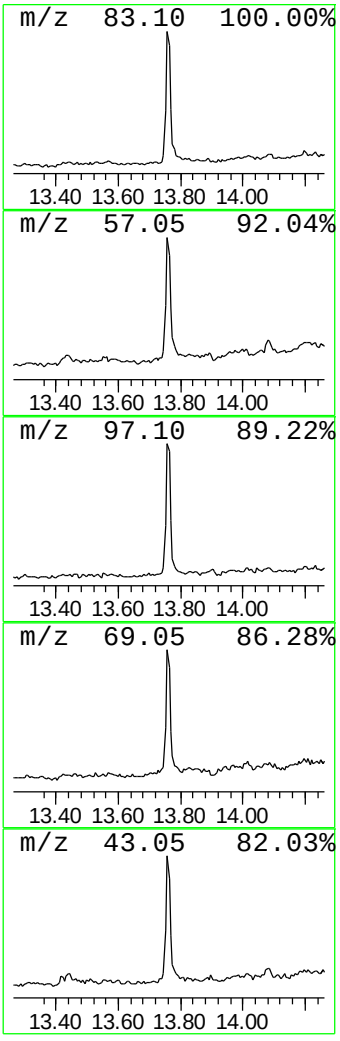
Peak Number 20 n-Nonadecanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.17 ng	314461	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
Data File : BF097887.D
Acq On : 19 Aug 2017 19:07
Operator : SJ/JU
Sample : I4828-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-05

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
unknown4.95	4.95	9.4	ng	532829	1	6.76	1133260	20.0
Cyclohexanepropanol-	5.91	2.7	ng	150537	1	6.76	1133260	20.0
unknown6.01	6.01	4.2	ng	239569	1	6.76	1133260	20.0
unknown6.20	6.20	3.2	ng	182403	1	6.76	1133260	20.0
4-Octene, 2,6-dim...	6.29	3.9	ng	222565	1	6.76	1133260	20.0
unknown6.53	6.53	54.5	ng	3090880	1	6.76	1133260	20.0
Tetradecane	6.60	5.5	ng	311533	1	6.76	1133260	20.0
Heptane, 4-ethyl-	7.04	5.5	ng	313651	1	6.76	1133260	20.0
Benzene, 1,3-diet...	7.08	3.2	ng	182358	1	6.76	1133260	20.0
Decane, 2-methyl-	7.10	2.7	ng	152082	1	6.76	1133260	20.0
Naphthalene, deca...	7.16	5.0	ng	284844	1	6.76	1133260	20.0
unknown7.41	7.41	4.1	ng	423728	2	8.05	2049430	20.0
trans-Decalin, 2-...	7.69	3.8	ng	384817	2	8.05	2049430	20.0
unknown7.73	7.73	4.0	ng	412266	2	8.05	2049430	20.0
Benzene, 1-methyl...	7.92	2.6	ng	265320	2	8.05	2049430	20.0
unknown7.99	7.99	3.3	ng	338641	2	8.05	2049430	20.0
Undecane, 2,6-dim...	8.11	6.0	ng	611130	2	8.05	2049430	20.0
unknown8.34	8.34	2.9	ng	298575	2	8.05	2049430	20.0
n-Nonadecanol-1	13.76	8.2	ng	314461	5	13.90	769586	20.0