LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097884.D
Acq On : 19 Aug 2017 17:43
Operator : SJ/JU
Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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	2.134	5	8	36	rVB4	63831	240065	4.56%	0.338%
2	4.969	485	490	503	rVB	574045	1001327	19.01%	1.412%
3	5.381	553	560	563	rBV	3893647	4806137	91.23%	6.777%
4	6.404	722	734	737	rBV	3882247	5267979	100.00%	7.428%
5	6.534	747	756	760	rBV	3904953	4787083	90.87%	6.750%
6	6.763	791	795	802	rVB2	1065910	1088278	20.66%	1.534%
7	6.822	802	805	808	rBV	72909	77399	1.47%	0.109%
8	6.922	816	822	825	rBV	3648412	3651503	69.32%	5.149%
9	7.039	839	842	845	rVB2	116165	122104	2.32%	0.172%
10	7.081	845	849	851	rBV2	96665	124263	2.36%	0.175%
11	7.104	851	853	857	rVB4	62988	56448	1.07%	0.080%
12	7.157	857	862	865	rBV2	129421	150560	2.86%	0.212%
13	7.251	872	878	880	rBV2	61448	95720	1.82%	0.135%
14	7.328	880	891	894	rVV	2706651	3654175	69.37%	5.152%
15	7.410	900	905	909	rBV5	225147	323609	6.14%	0.456%
16	7.457	909	913	914	rBV4	84211	119625	2.27%	0.169%
17	7.481	914	917	921	rVV3	155991	168617	3.20%	0.238%
18	7.533	921	926	927	rVV3	122106	189921	3.61%	0.268%
19	7.569	927	932	936	rVB3	245858	430383	8.17%	0.607%
20	7.686	942	952	956	rBV7	340613	725928	13.78%	1.024%
21	7.733	956	960	962	rBV2	164467	169941	3.23%	0.240%
22	7.769	962	966	967	rBV2	217506	201652	3.83%	0.284%
23	7.786	967	969	971	rVV	179479	128007	2.43%	0.180%
24	7.810	971	973	976	rVB3	137776	139652	2.65%	0.197%
25	7.845	976	979	981	rBV2	170559	174826	3.32%	0.247%
26	7.916	988	991	993	rBV	199634	205807	3.91%	0.290%
27	7.951	995	997	1001	rVB3	148077	119739	2.27%	0.169%
28	8.004	1001	1006	1008	rBV4	248062	405571	7.70%	0.572%
29	8.045	1008	1013	1016	rVV	1505709	1799784	34.16%	2.538%
30	8.110	1019	1024	1027	rVV	990673	1095936	20.80%	1.545%
31	8.139	1027	1029	1032	rVV3	197125	172686	3.28%	0.243%
32	8.169	1032	1034	1036	rVB3	159655	130212	2.47%	0.184%
33	8.222	1036	1043	1045	rBV7	217804	431757	8.20%	0.609%
34	8.245	1045	1047	1050	rVB2	236967	274288	5.21%	0.387%

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

35	8.286	1050	1054	1056	rBV2	106002	119024	2.26%	0.168%
36	8.339	1058	1063	1066	rBV5	504780	656754	12.47%	0.926%
37	8.392	1070	1072	1075	rVB3	270387	233217	4.43%	0.329%
38	8.428	1075	1078	1082	rVB3	268444	306365	5.82%	0.432%
39	8.475	1082	1086	1090	rBV	1870333	1940575	36.84%	2.736%
40	8.510	1090	1092	1095	rVB3	340321	294384	5.59%	0.415%
41	8.551	1095	1099	1102	rBV2	569250	547496	10.39%	0.772%
42	8.592	1102	1106	1107	rBV3	205889	258748	4.91%	0.365%
43	8.645	1111	1115	1116	rBV3	153046	203153	3.86%	0.286%
44	8.704	1123	1125	1127	rVB2	359350	268042	5.09%	0.378%
45	8.739	1127	1131	1137	rVB4	583013	819001	15.55%	1.155%
46	8.792	1137	1140	1143	rBV4	230965	279007	5.30%	0.393%
47	8.822	1143	1145	1147	rBV2	168392	186014	3.53%	0.262%
48	8.869	1149	1153	1155	rVB2	445916	485654	9.22%	0.685%
49	8.927	1160	1163	1165	rBV4	253951	236533	4.49%	0.334%
50	8.957	1165	1168	1172	rBV3	337535	309044	5.87%	0.436%
51	9.075	1184	1188	1191	rBV	1811674	1559826	29.61%	2.199%
52	9.127	1191	1197	1200	rVB	4320474	4890403	92.83%	6.895%
53	9.163	1201	1203	1205	rBV2	139433	108188	2.05%	0.153%
54	9.198	1205	1209	1215	rBV3	1239930	1626669	30.88%	2.294%
55	9.275	1219	1222	1224	rVB	268474	247939	4.71%	0.350%
56	9.375	1237	1239	1245	rVB3	337418	604091	11.47%	0.852%
57	9.433	1246	1249	1250	rBV3	257655	244193	4.64%	0.344%
58	9.457	1250	1253	1255	rVV	526357	479927	9.11%	0.677%
59	9.480	1255	1257	1259	rVB2	382422	303208	5.76%	0.428%
60	9.527	1259	1265	1268	rBV3	1963888	2573774	48.86%	3.629%
61	9.616	1277	1280	1282	rBV4	345075	280832	5.33%	0.396%
62	9.669	1285	1289	1291	rBV3	295917	432499	8.21%	0.610%
63	9.692	1291	1293	1294	rVV	443823	365345	6.94%	0.515%
64	9.710	1294	1296	1299	rVB2	555058	451178	8.56%	0.636%
65	9.798	1308	1311	1314	rVB	1376221	1242071	23.58%	1.751%
66	9.839	1316	1318	1326	rVB5	212367	254305	4.83%	0.359%
67	9.998	1342	1345	1348	rVB	462404	394515	7.49%	0.556%
68	10.039	1350	1352	1354	rVB	174477	103749	1.97%	0.146%
69	10.063	1354	1356	1361	rVB4	313002	345834	6.56%	0.488%
70	10.116	1362	1365	1367	rBV	294973	312892	5.94%	0.441%
71	10.169	1372	1374	1377	rBV2	151687	172187	3.27%	0.243%

LSC Area Percent Report

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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.204	1378	1380	1387	rVB6	185241	246797	4.68%	0.348%
73	10.257	1387	1389	1392	rBV3	168357	168542	3.20%	0.238%
74	10.339	1400	1403	1405	rBV3	228316	247083	4.69%	0.348%
75	10.457	1420	1423	1428	rVB	1023964	939670	17.84%	1.325%
76	10.592	1440	1446	1449	rBV	2055778	2530846	48.04%	3.568%
77	10.721	1463	1468	1472	rBV	1920675	2095407	39.78%	2.954%
78	11.186	1544	1547	1552	rVB	957200	884594	16.79%	1.247%
79	11.280	1560	1563	1566	rBV	1214861	1041374	19.77%	1.468%
80	11.533	1604	1606	1610	rVB	319182	294257	5.59%	0.415%
81	12.327	1739	1741	1744	rVB2	181167	176703	3.35%	0.249%
82	12.868	1828	1833	1836	rBV2	3271746	3554463	67.47%	5.012%
83	13.762	1982	1985	1992	rVB	248457	274125	5.20%	0.387%
84	13.904	2006	2009	2013	rVB	789515	751936	14.27%	1.060%
85	14.757	2151	2154	2158	rVB	122795	122610	2.33%	0.173%
86	15.327	2246	2251	2256	rBV	603287	720299	13.67%	1.016%
87	15.833	2334	2337	2345	rVB4	33369	60535	1.15%	0.085%
88	16.886	2514	2516	2529	rVB4	21974	56858	1.08%	0.080%
89	17.580	2628	2634	2644	rBV4	35004	89520	1.70%	0.126%

Sum of corrected areas: 70923237

LSC Report - Integrated Chromatogram

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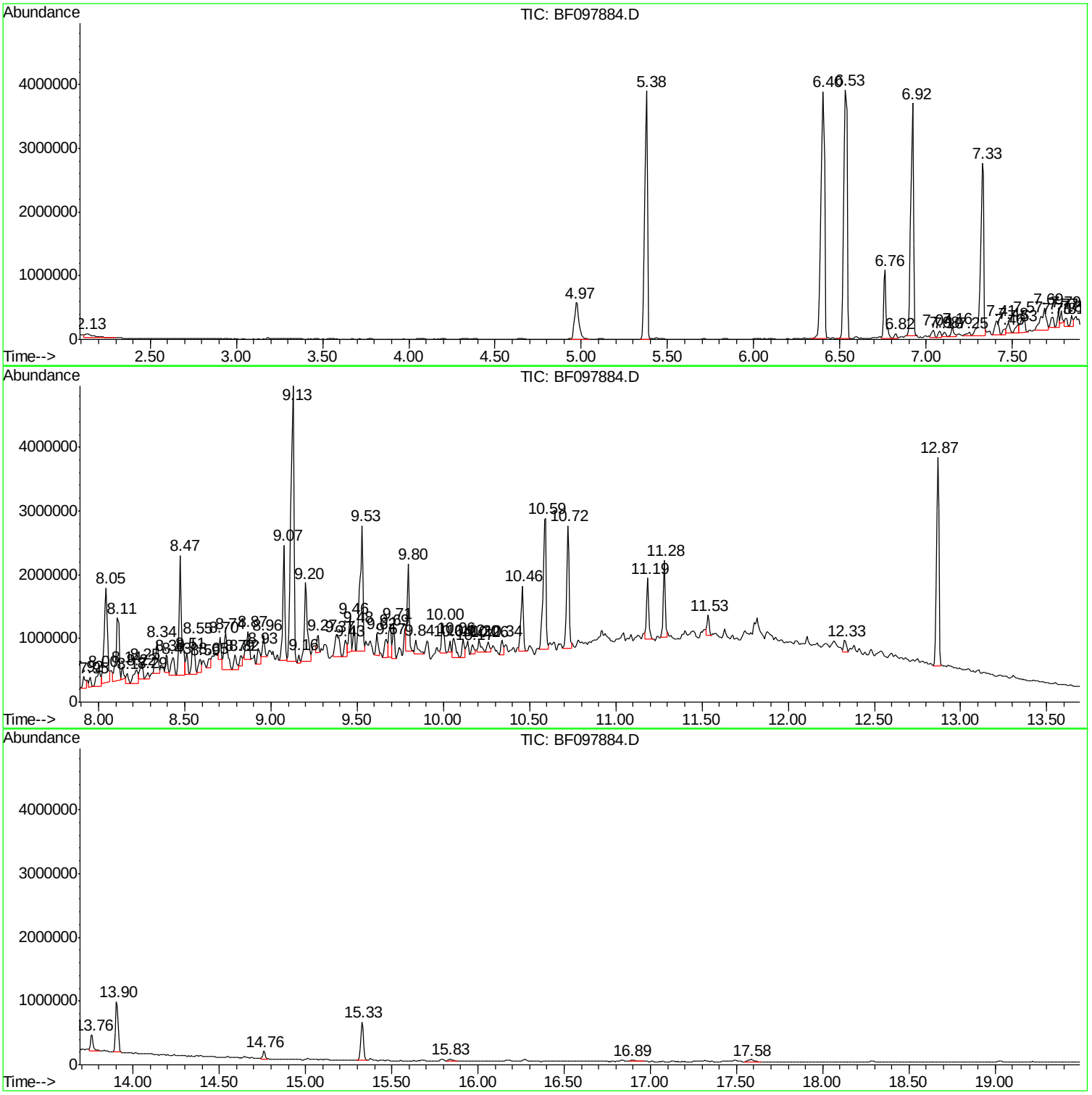
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
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Acq On : 19 Aug 2017 17:43
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Sample : I4846-08
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01

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

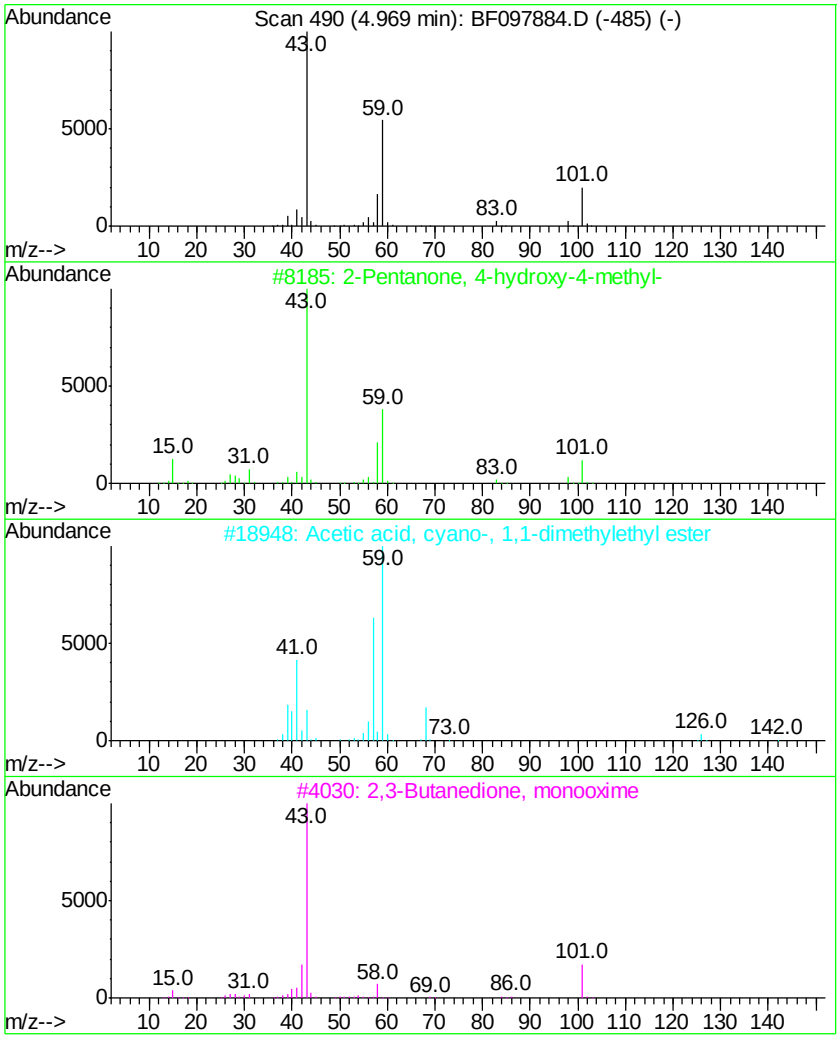
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

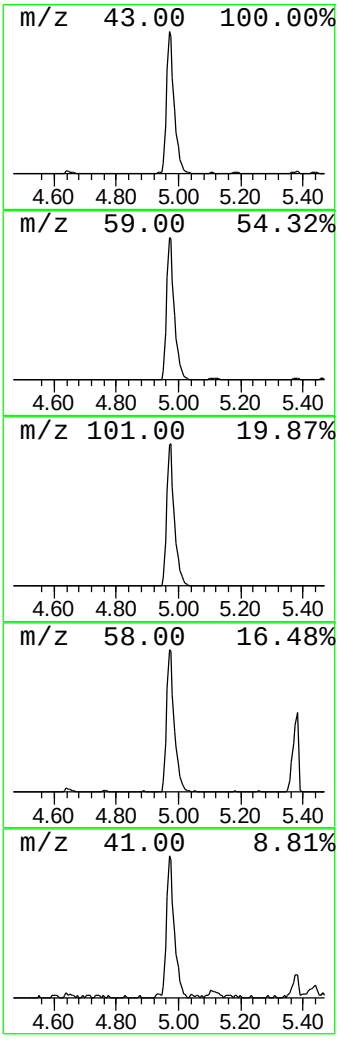
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	18.40 ng	1001330	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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

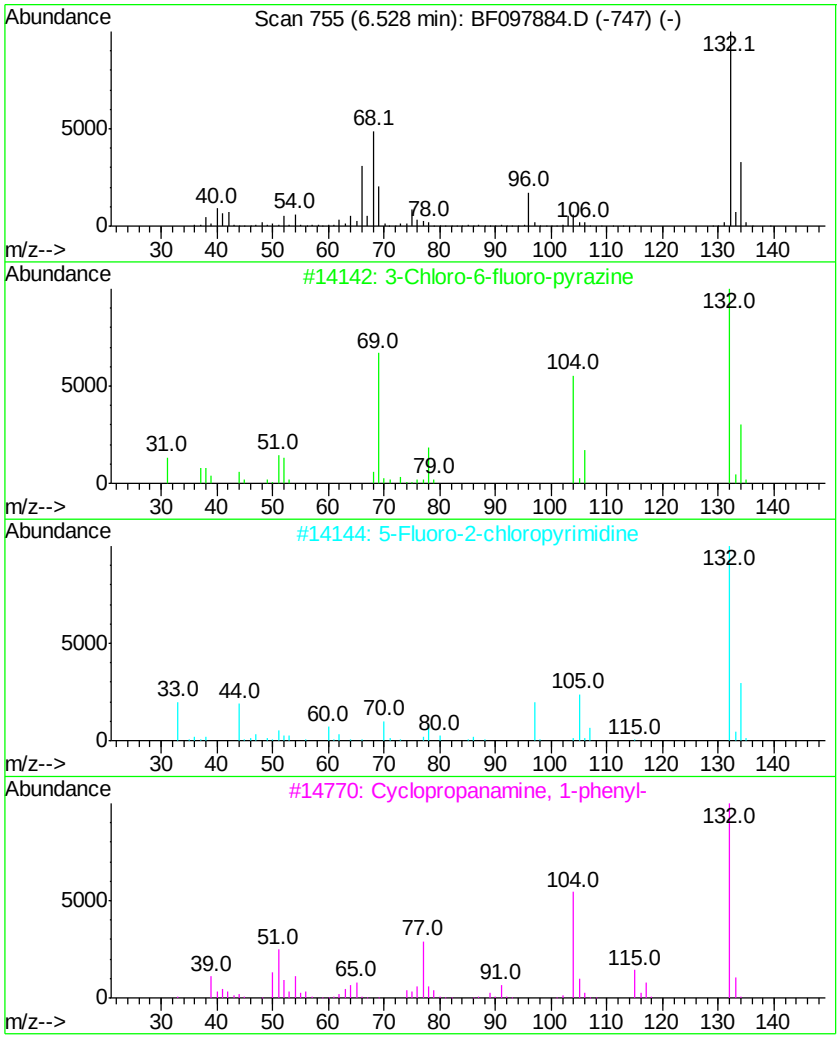
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

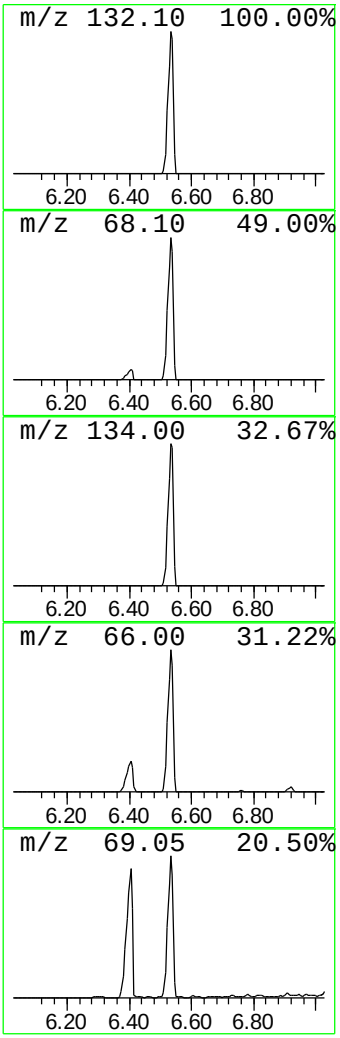
****

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	87.98 ng	4787080	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	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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

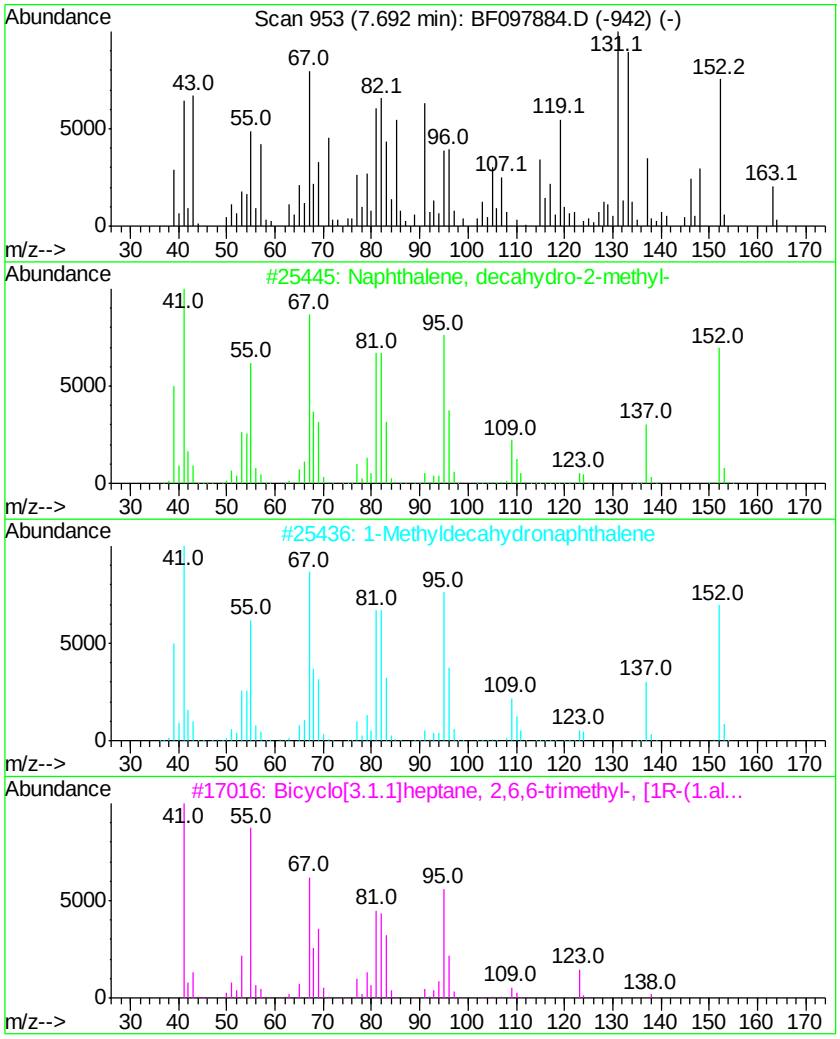
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

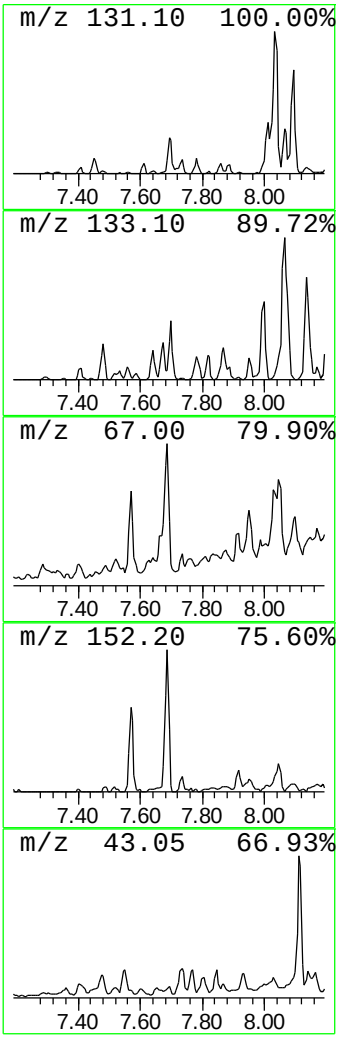
****

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	8.07 ng	725928	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	72
4	5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	55
5	9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	55





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TIC Library : C:\DATABASE\NIST11.L
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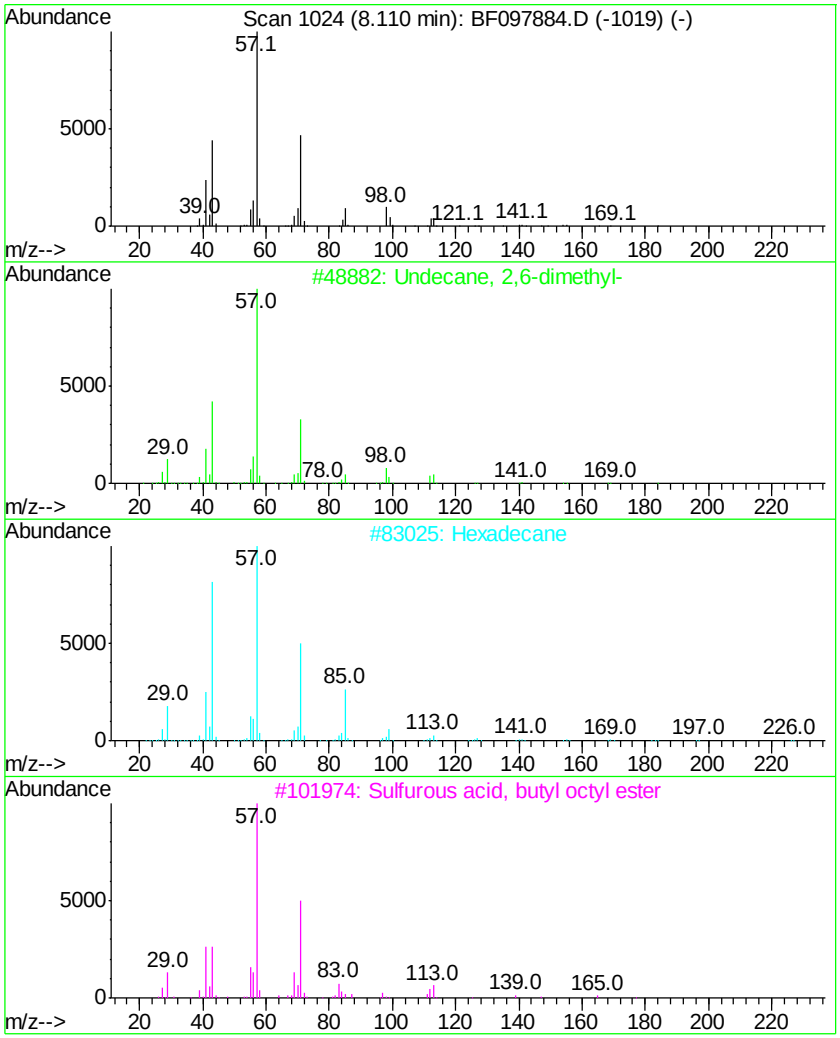
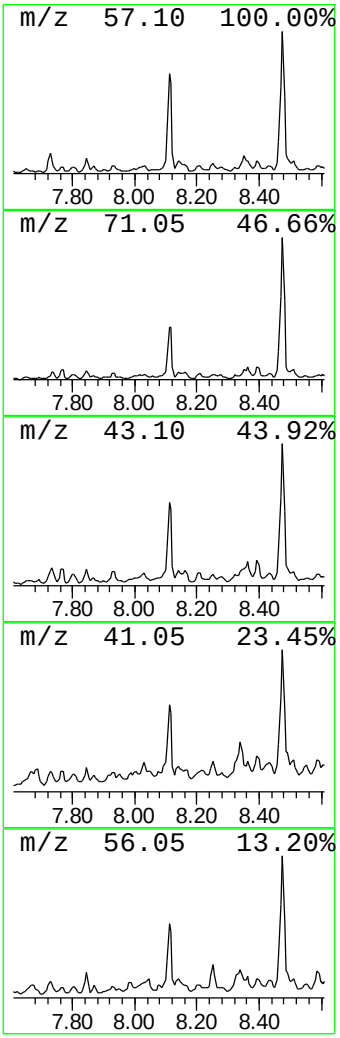
****

Peak Number 5 Undecane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	12.18 ng	1095940	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	93
2	Hexadecane	226	C16H34	000544-76-3	64
3	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





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

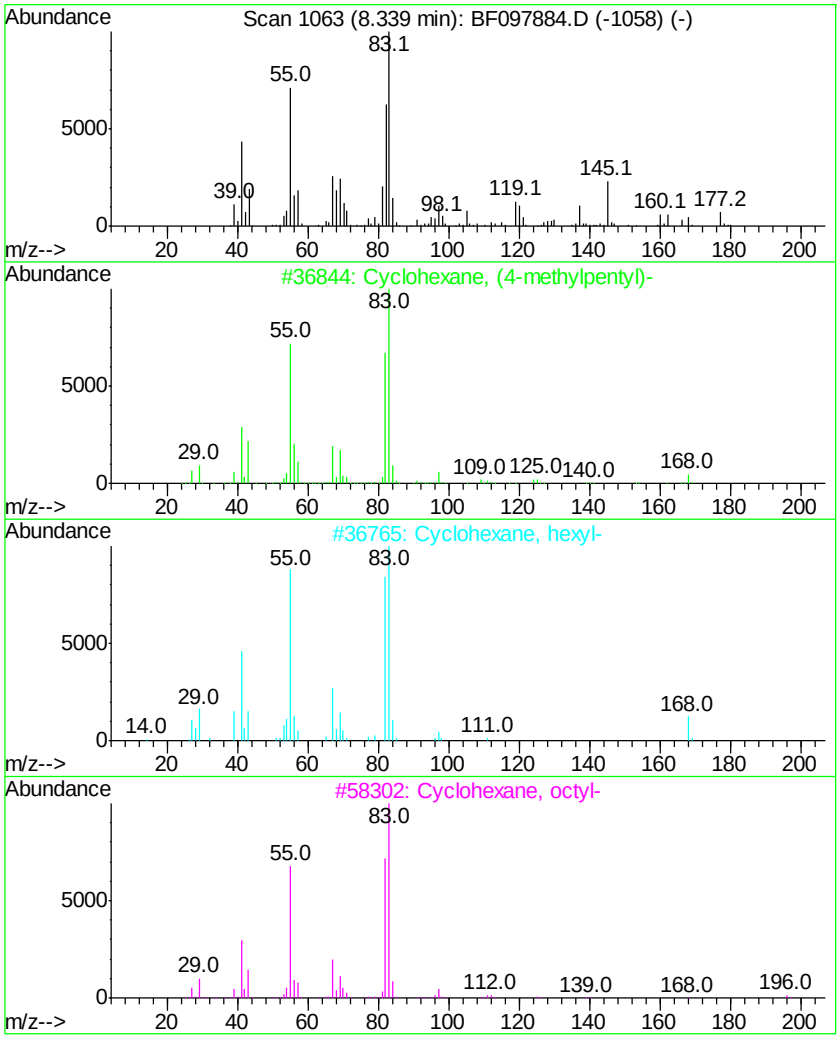
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

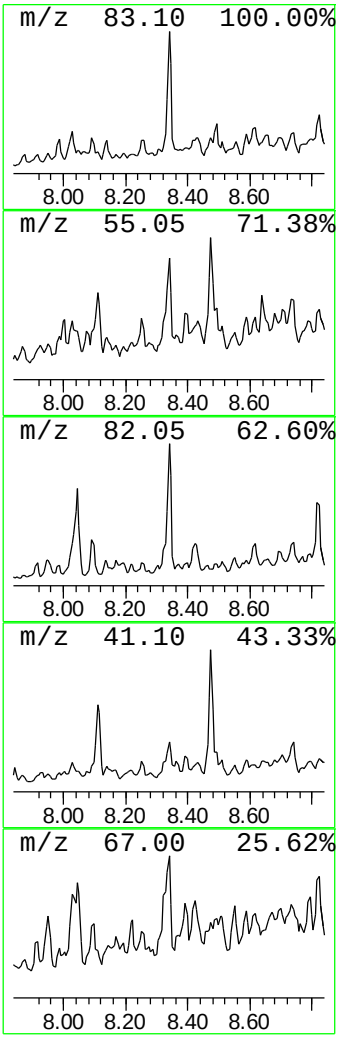
****

Peak Number 6 Cyclohexane, (4-methylpentyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	7.30 ng	656754	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	53
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	53
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	53





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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

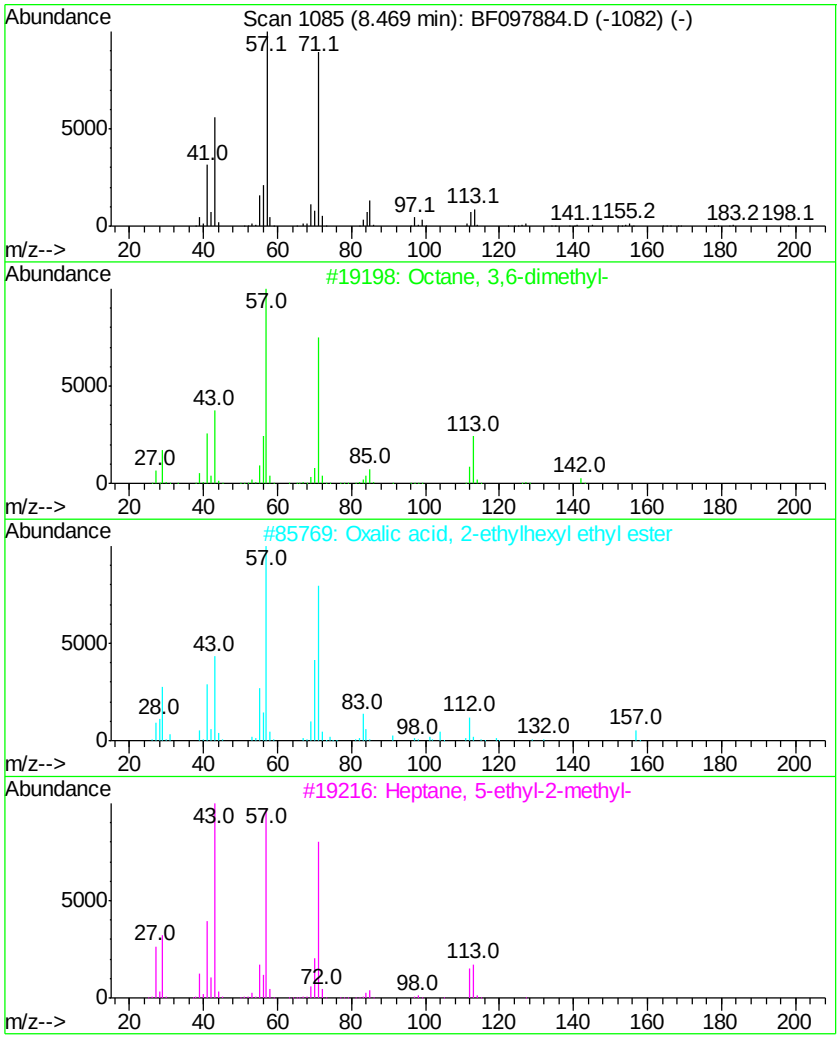
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

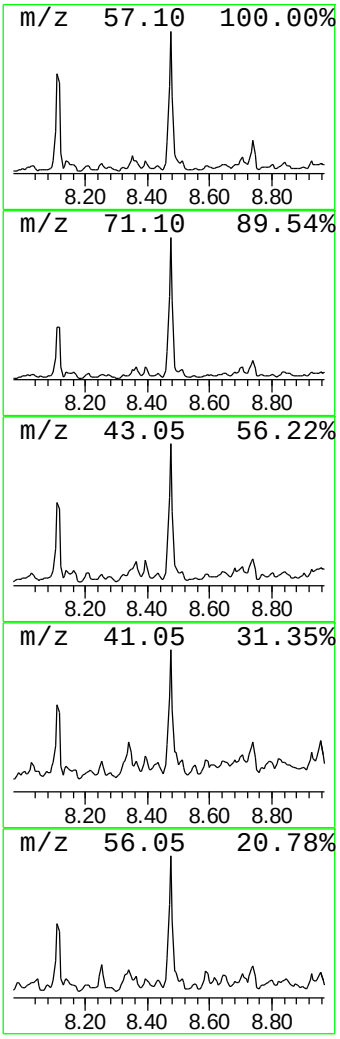
****

Peak Number 7 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	21.56 ng	1940580	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64





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Acq On : 19 Aug 2017 17:43
Operator : SJ/JU
Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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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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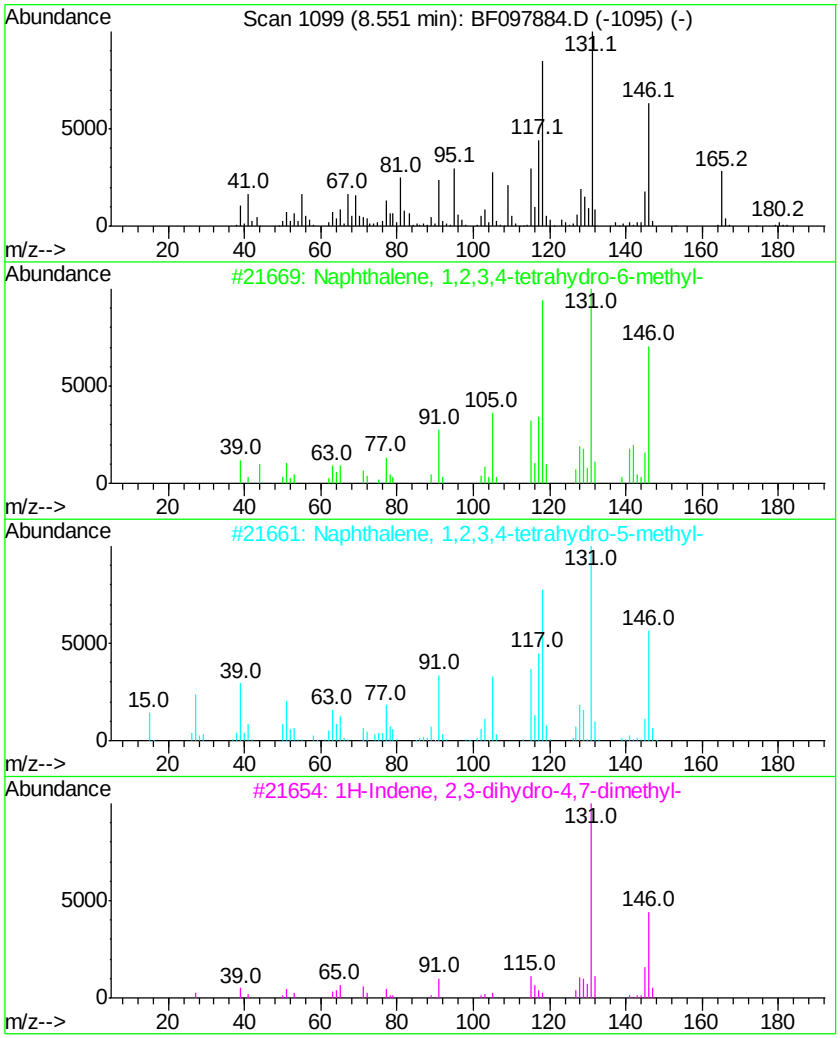
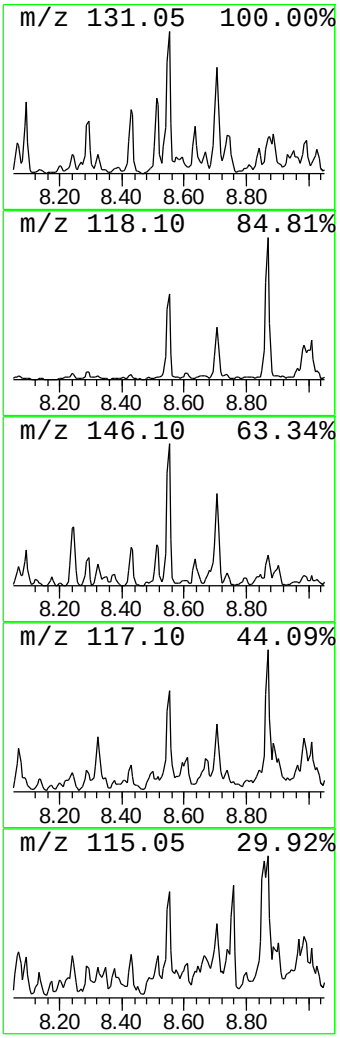
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	6.08 ng	547496	Naphthalene-d8	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	38





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Instrument : BNA_F
ClientSampleId : DUP-01

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

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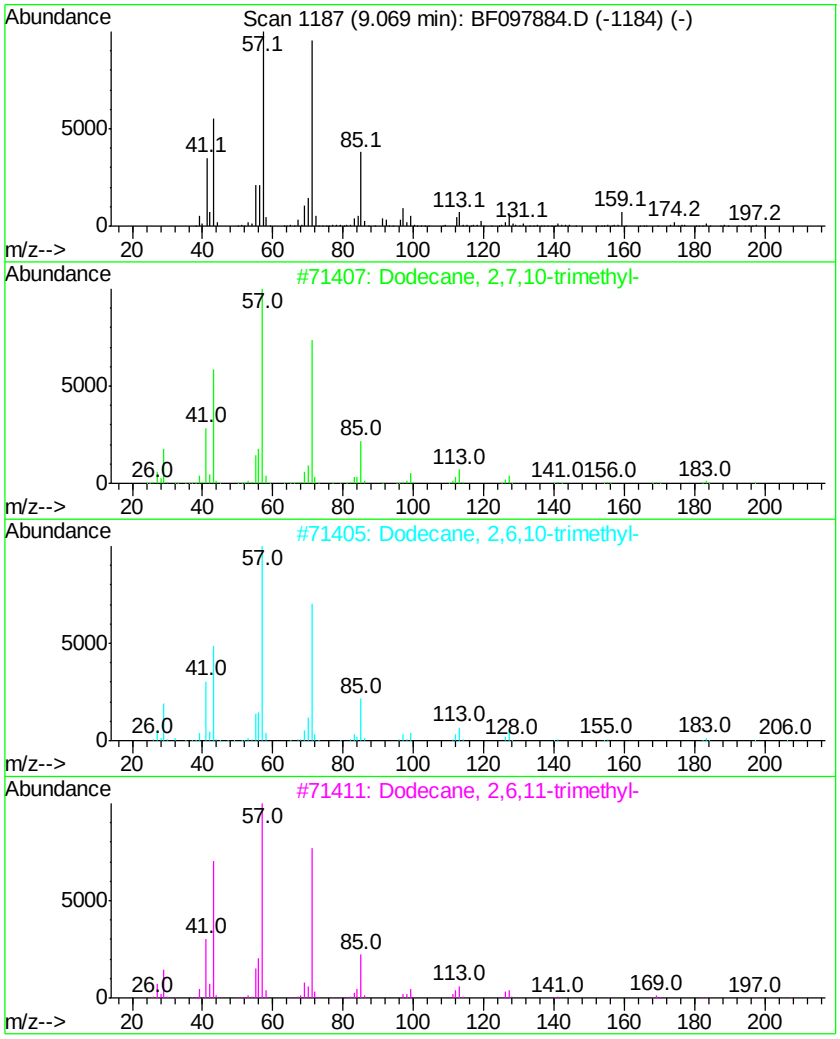
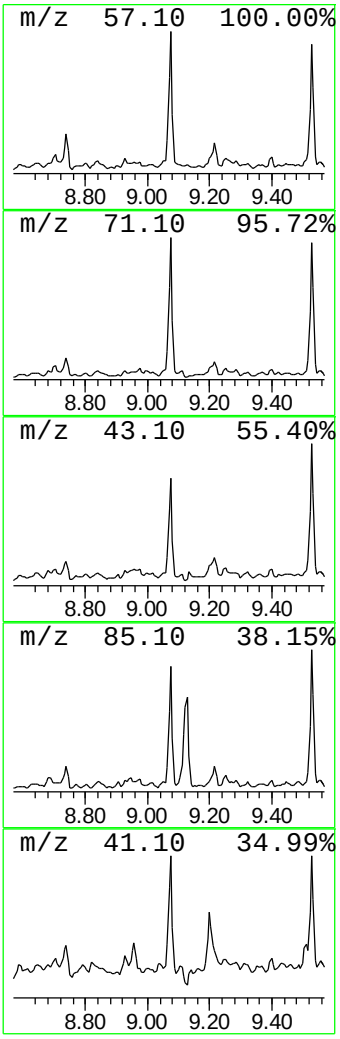
Peak Number 9 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	25.12 ng	1559830	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68





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TIC Library : C:\DATABASE\NIST11.L
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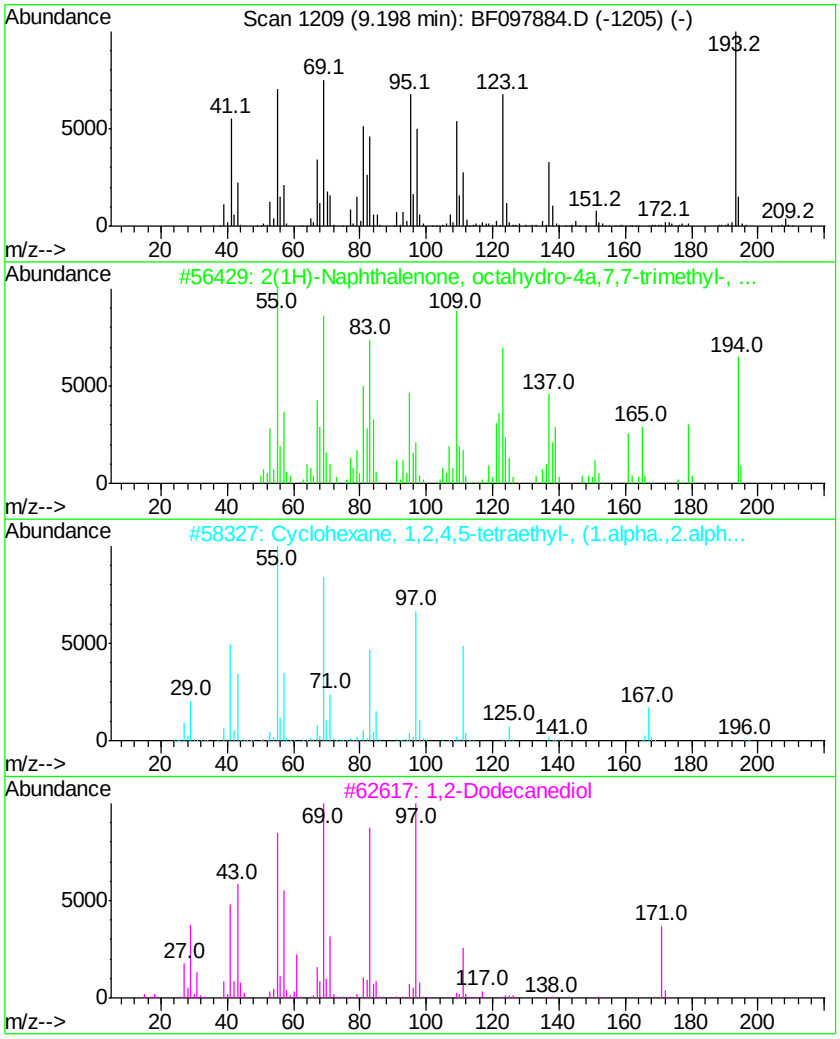
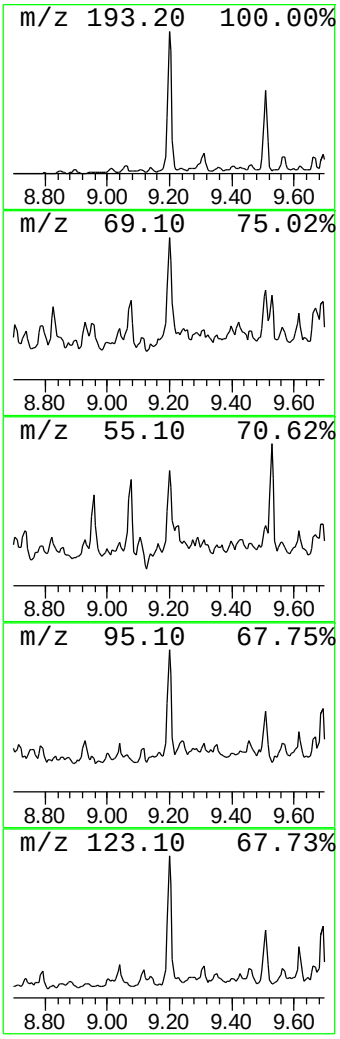
Peak Number 10 unknown9.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	26.19 ng	1626670	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	43
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	30
3	1,2-Dodecanediol	202	C12H26O2	001119-87-5	27
4	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	15





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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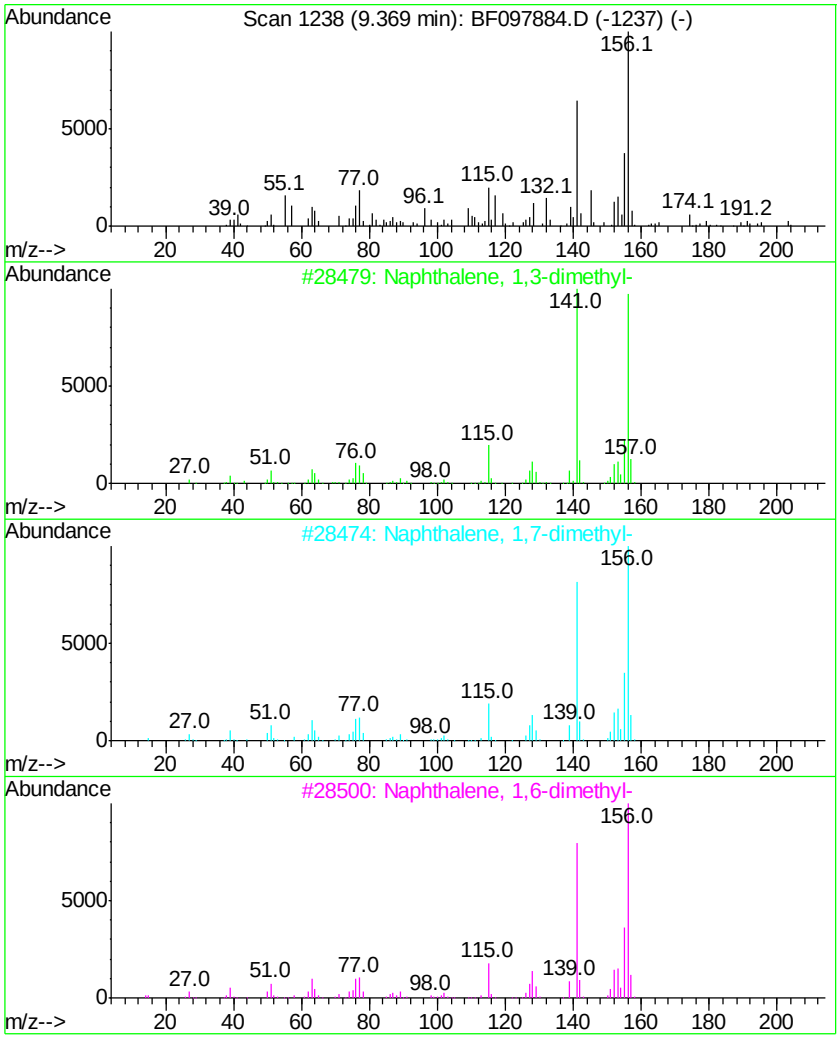
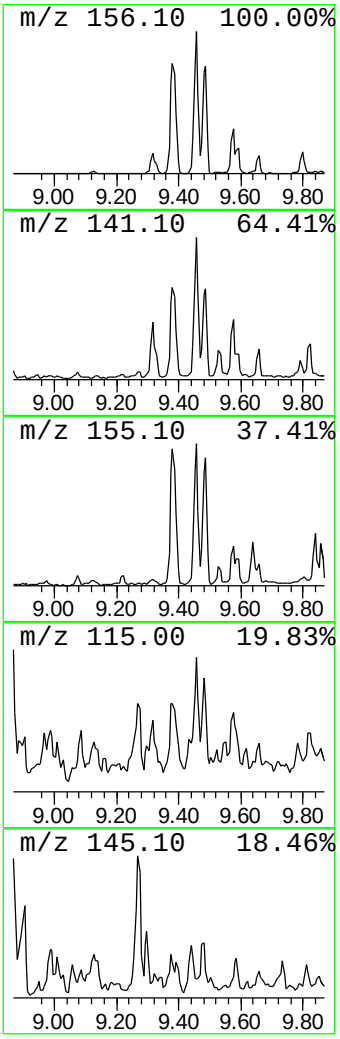
Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	9.73 ng	604091	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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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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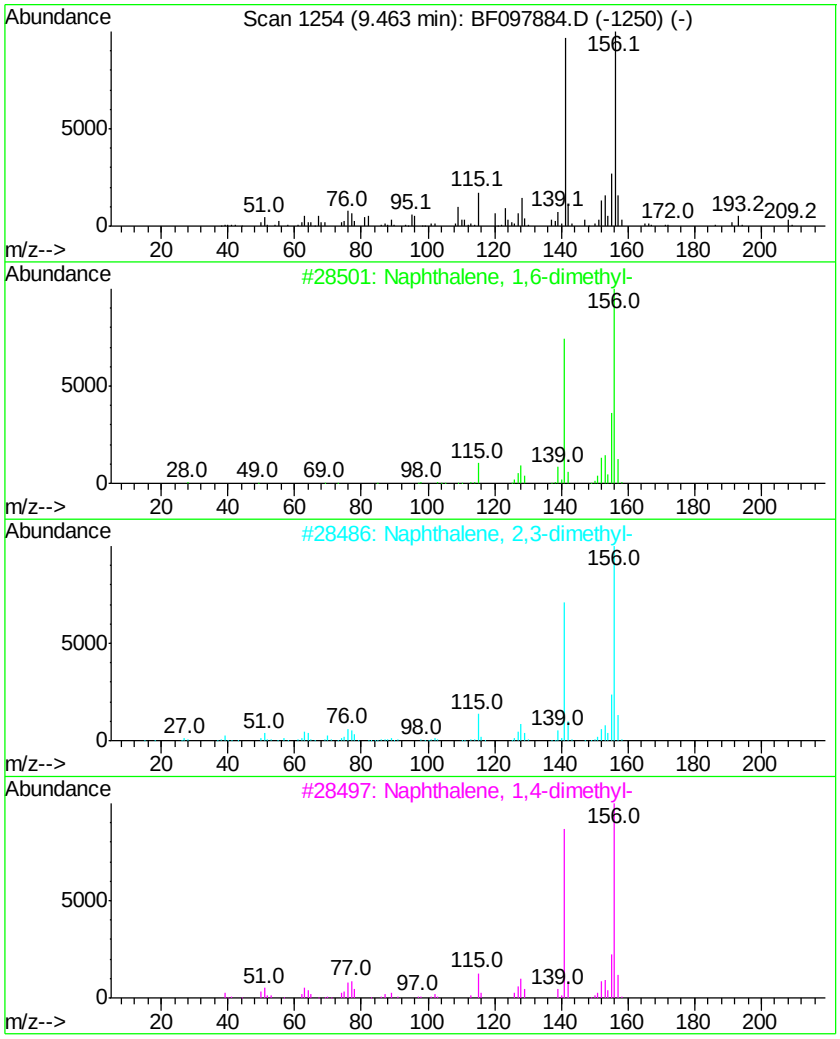
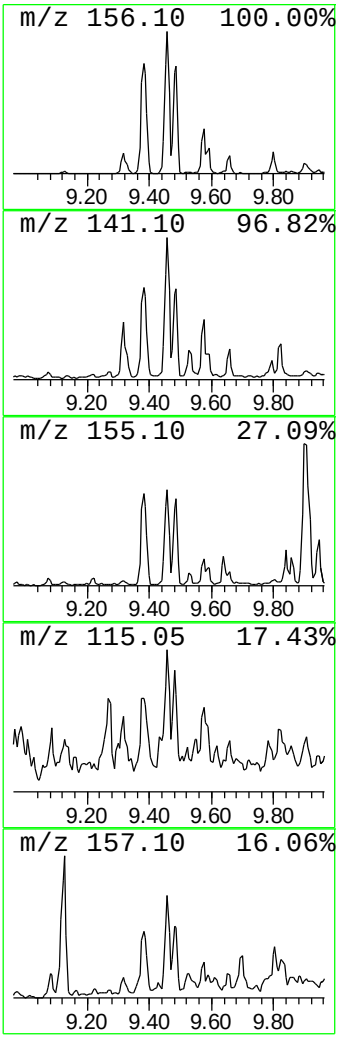
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	7.73 ng	479927	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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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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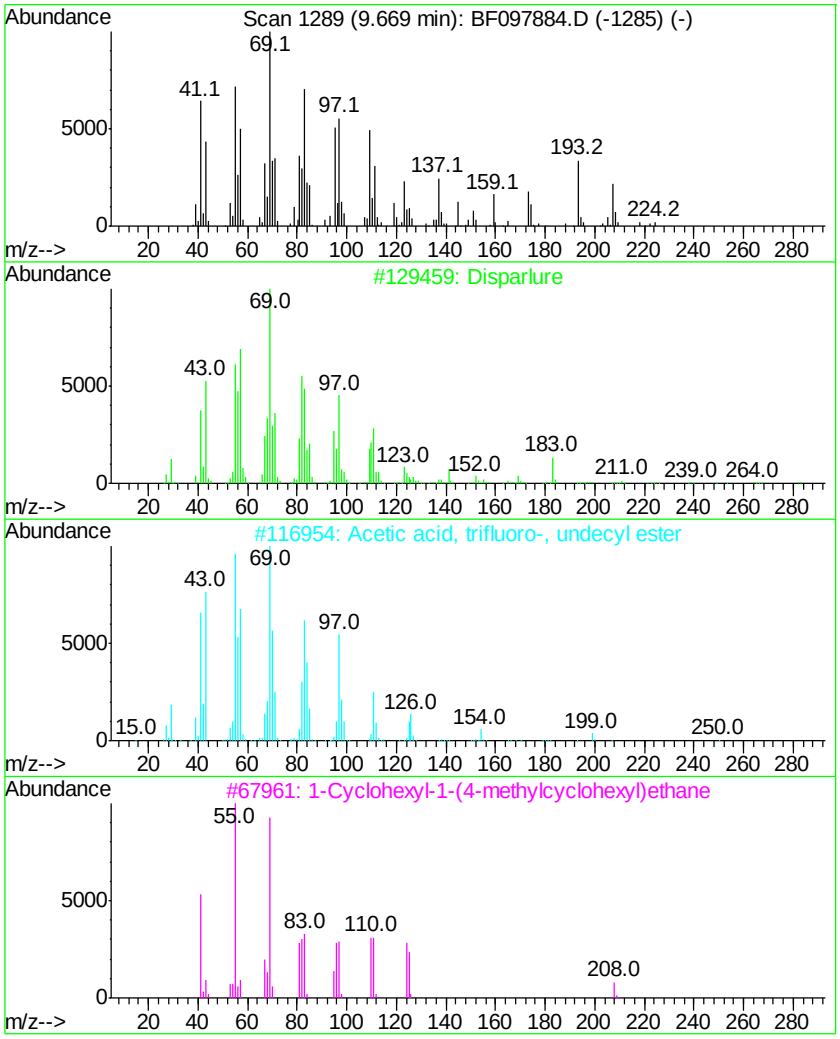
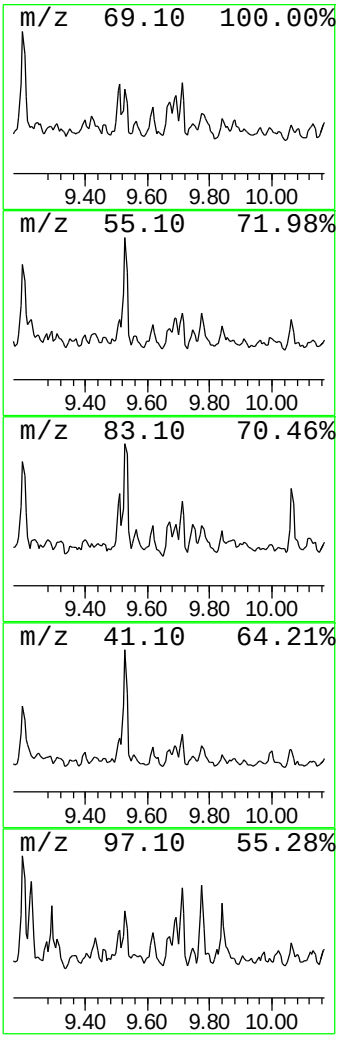
Peak Number 13 unknown9.67 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	6.96 ng	432499	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disparlure	282	C19H38O	029804-22-6	47
2	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	38
3	1-Cyclohexyl-1-(4-methylcyclohex...	208	C15H28	002027-12-5	30
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	30
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	27





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Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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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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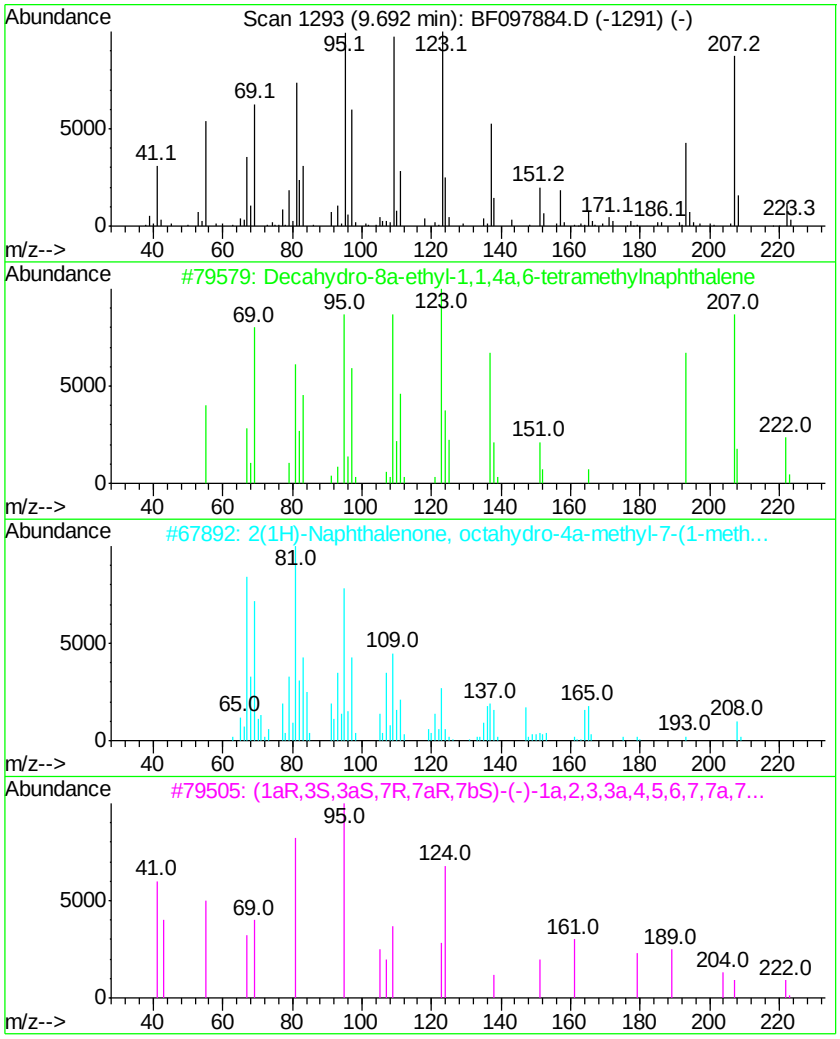
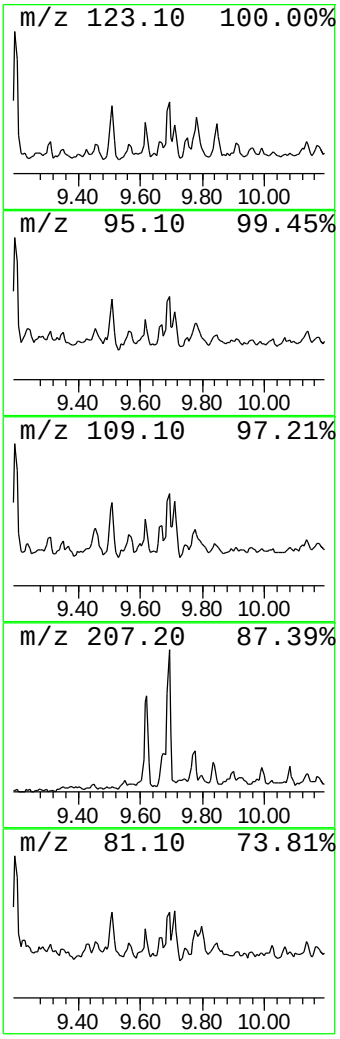
Peak Number 14 unknown9.69 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	5.88 ng	365345	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	43
2	2(1H)-Naphthalenone, octahydro-4...	208	C14H24O	054594-42-2	32
3	(1aR,3S,3aS,7R,7aR,7bS)-(-)-1a,2...	222	C15H26O	028329-86-4	30
4	cis,cis-2,8-Dimethylspiro[5.5]un...	180	C13H24	095530-75-9	22
5	Ethanone, 1-(1-ethyl-1H-pyrazol-...	138	C7H10N2O	1000316-95-0	18





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TIC Library : C:\DATABASE\NIST11.L
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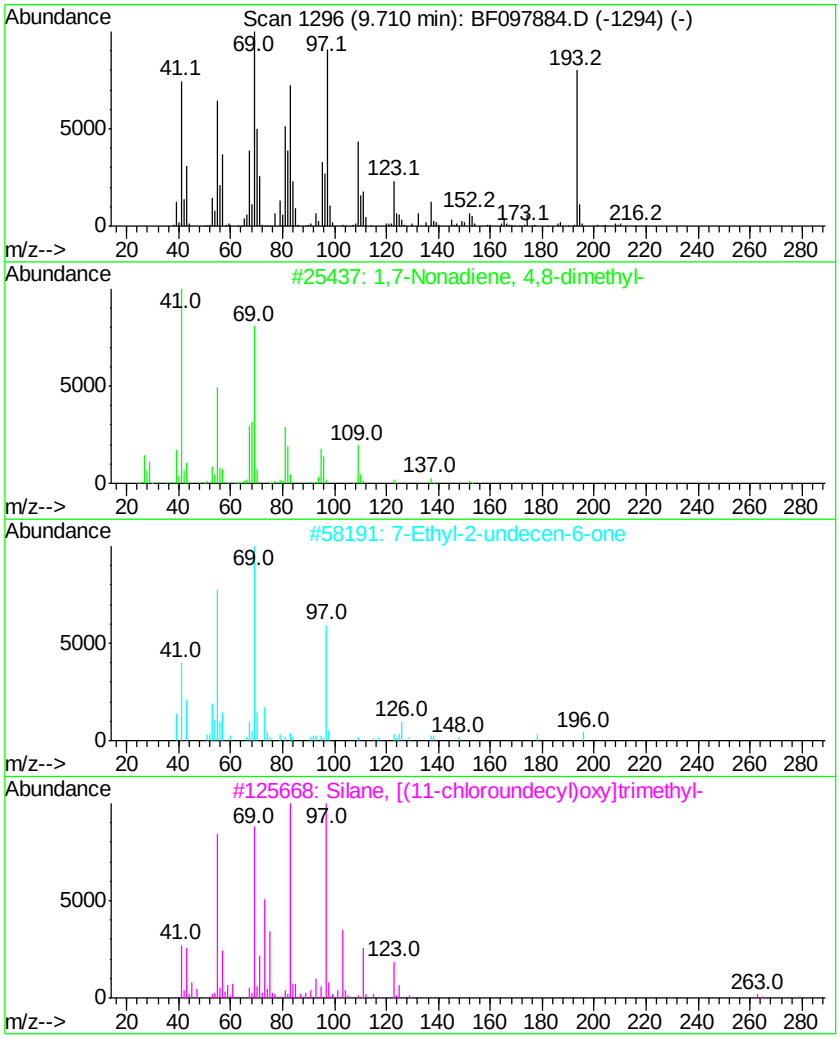
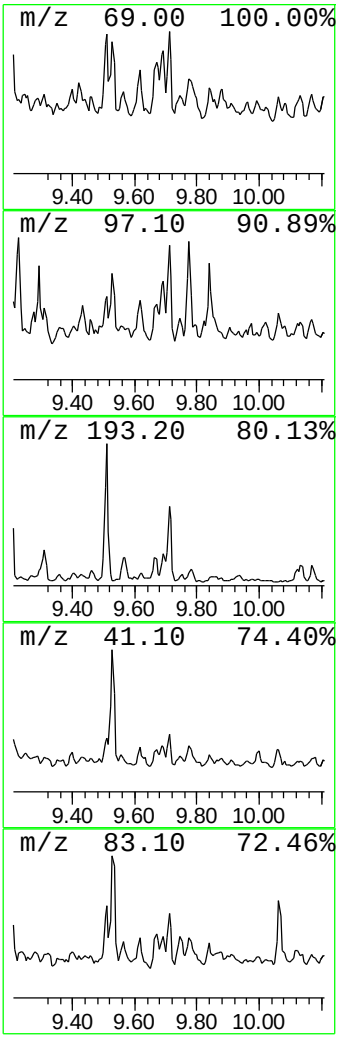
Peak Number 15 unknown9.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	7.26 ng	451178	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	42
2	7-Ethyl-2-undecen-6-one	196	C13H24O	1000374-14-9	27
3	Silane, [(11-chloroundecyl)oxylt...	278	C14H31ClOSi	026305-82-8	22
4	Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	22
5	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	20





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

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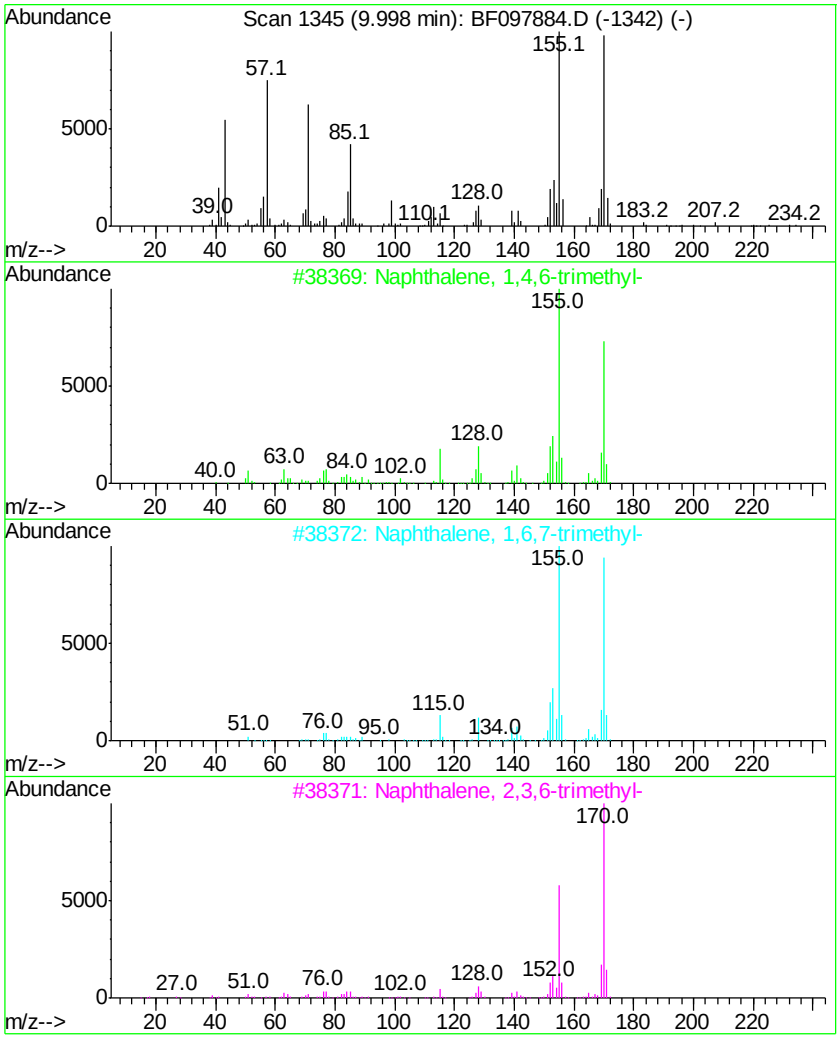
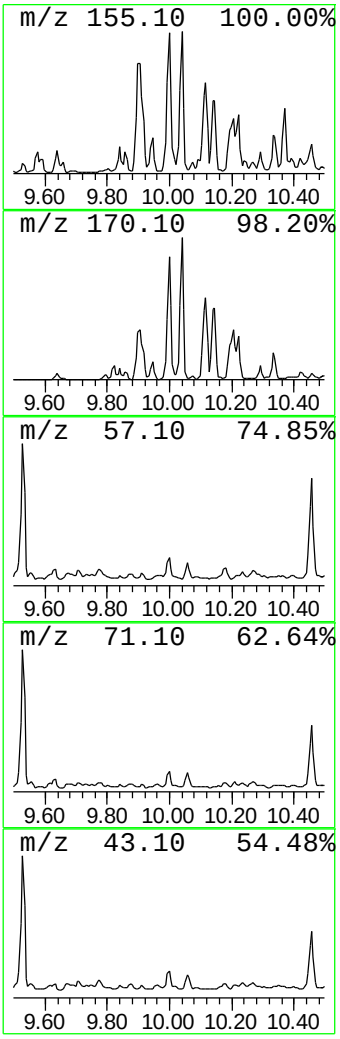
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	6.35 ng	394515	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64





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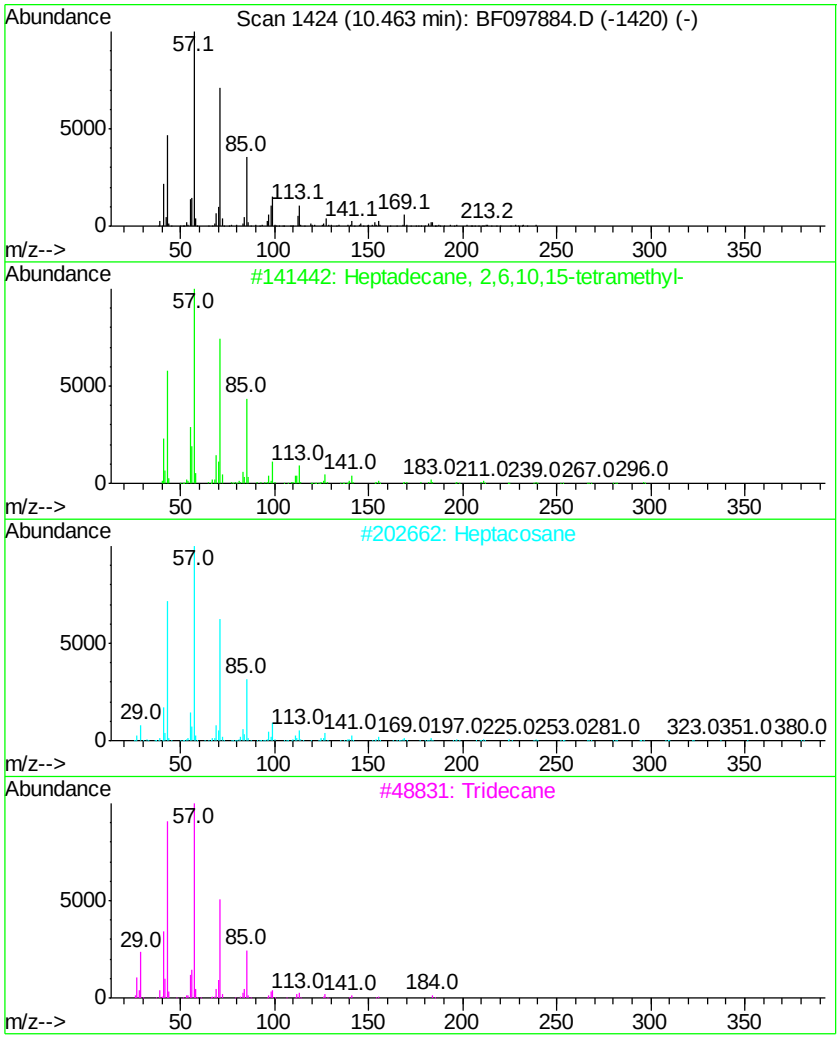
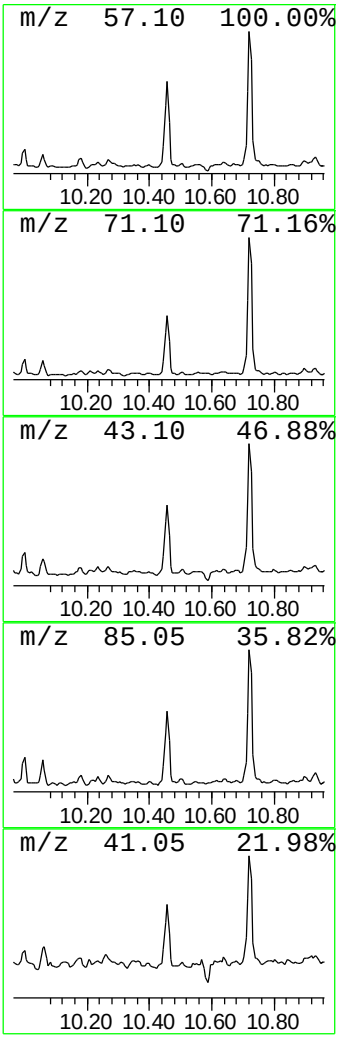
Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	15.13 ng	939670	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2	Heptacosane	380	C27H56	000593-49-7	80
3	Tridecane	184	C13H28	000629-50-5	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	62





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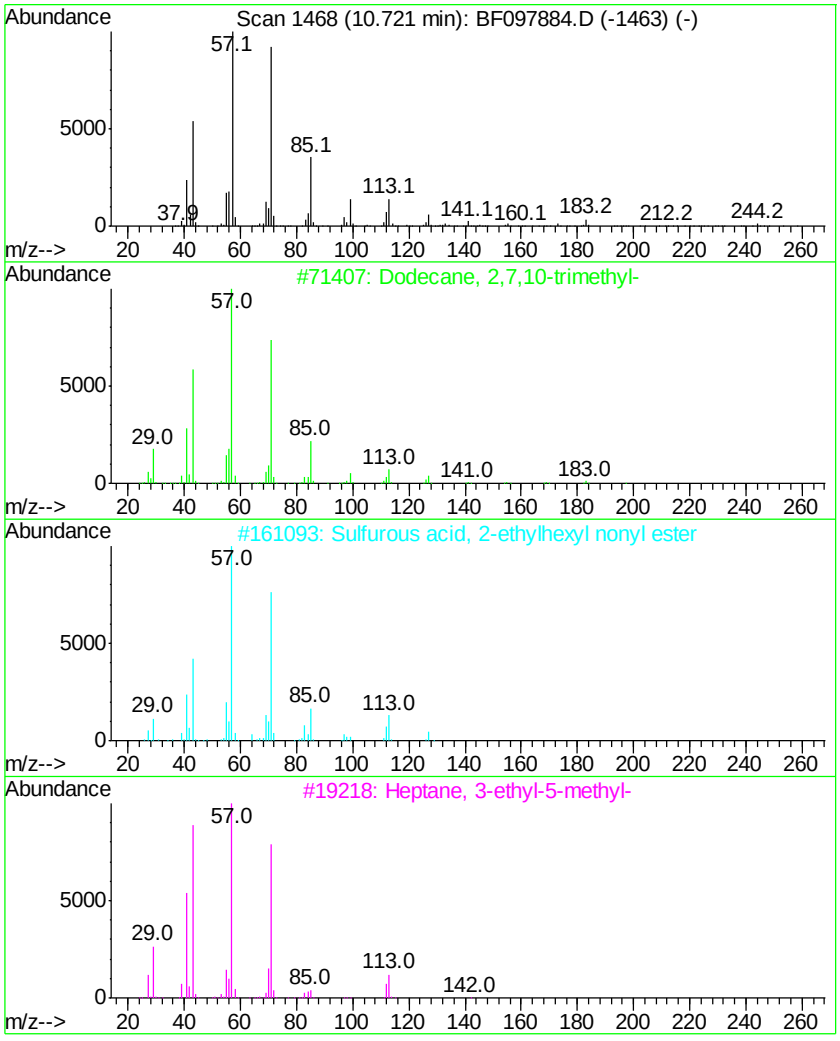
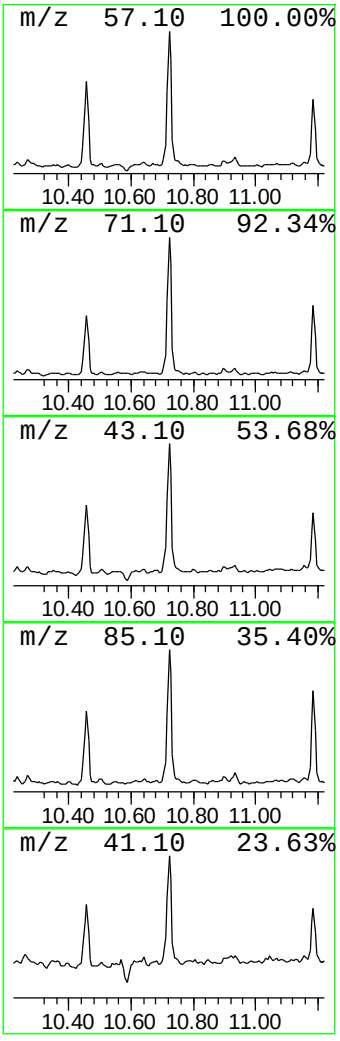
Peak Number 18 Sulfurous acid, 2-ethylhexy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	40.24 ng	2095410	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	74
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4	Tetradecane	198	C14H30	000629-59-4	59
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097884.D
Acq On : 19 Aug 2017 17:43
Operator : SJ/JU
Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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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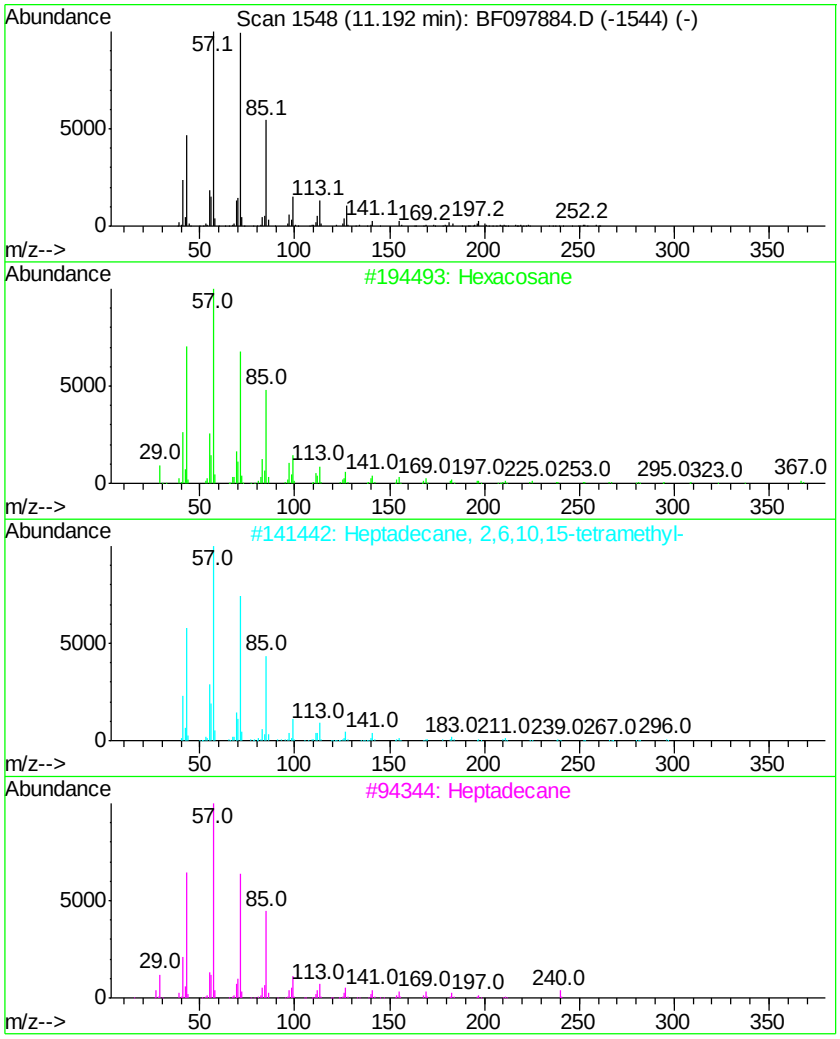
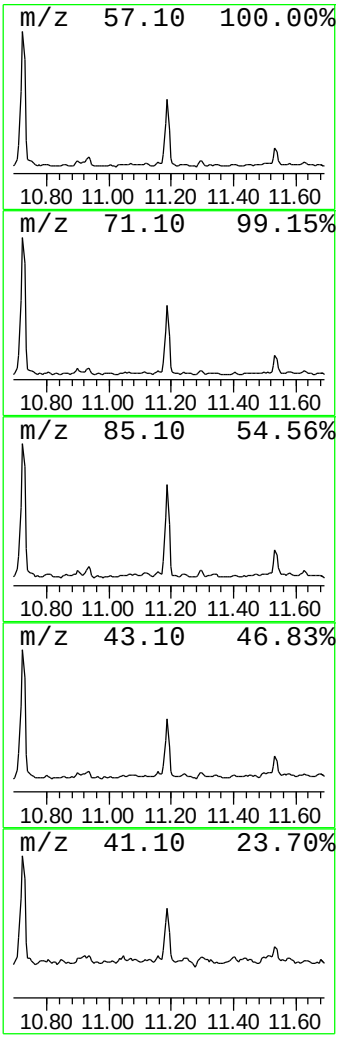
Peak Number 19 Hexacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	16.99 ng	884594	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
5	Hexadecane	226	C16H34	000544-76-3	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097884.D
Acq On : 19 Aug 2017 17:43
Operator : SJ/JU
Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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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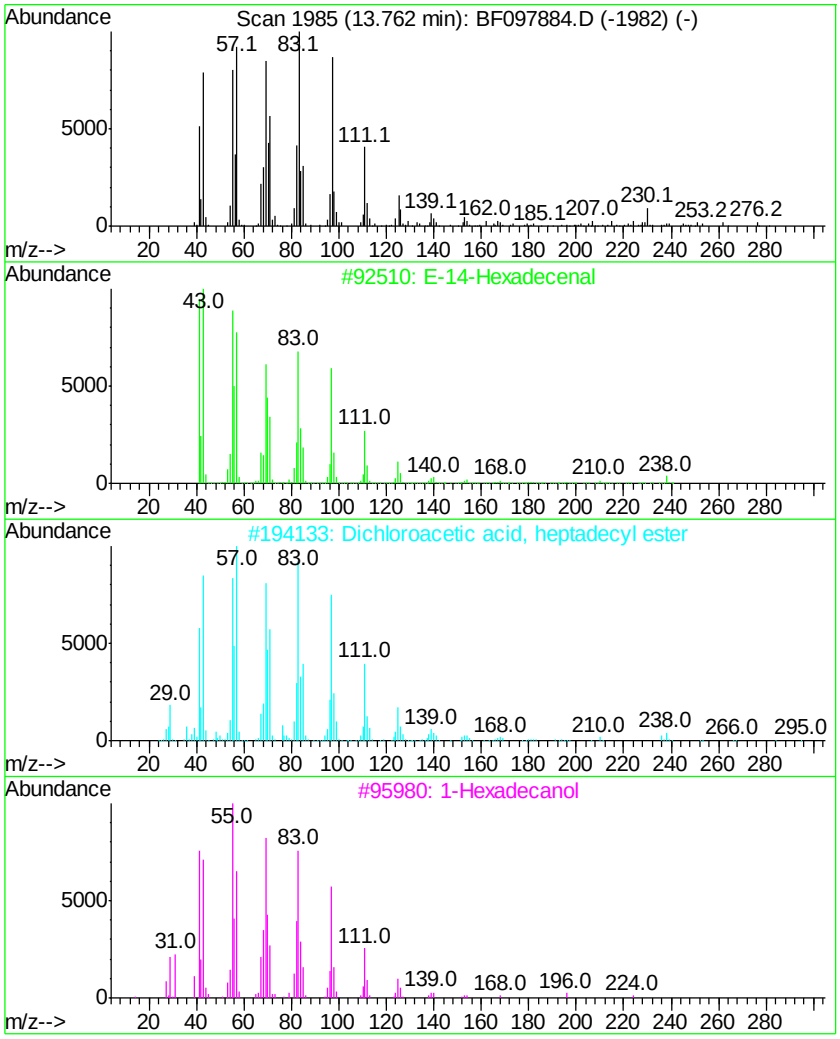
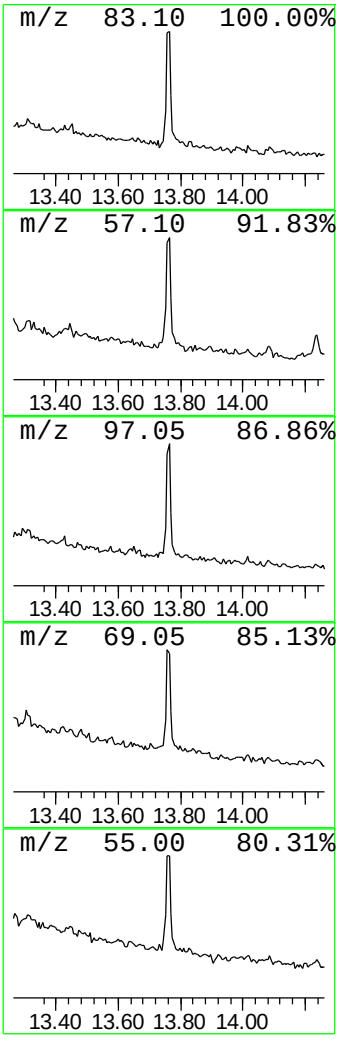
Peak Number 20 E-14-Hexadecenal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	7.29 ng	274125	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081917\
Data File : BF097884.D
Acq On : 19 Aug 2017 17:43
Operator : SJ/JU
Sample : I4846-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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
2-Pentanone, 4-hy...	4.97	18.4	ng	1001330	1	6.76	1088280	20.0
unknown6.53	6.53	88.0	ng	4787080	1	6.76	1088280	20.0
Naphthalene, deca...	7.69	8.1	ng	725928	2	8.05	1799780	20.0
Undecane, 2,6-dim...	8.11	12.2	ng	1095940	2	8.05	1799780	20.0
Cyclohexane, (4-m...	8.34	7.3	ng	656754	2	8.05	1799780	20.0
Octane, 3,6-dimet...	8.47	21.6	ng	1940580	2	8.05	1799780	20.0
Naphthalene, 1,2,...	8.55	6.1	ng	547496	2	8.05	1799780	20.0
Dodecane, 2,7,10-...	9.07	25.1	ng	1559830	3	9.80	1242070	20.0
unknown9.20	9.20	26.2	ng	1626670	3	9.80	1242070	20.0
Naphthalene, 1,3-...	9.37	9.7	ng	604091	3	9.80	1242070	20.0
Naphthalene, 1,6-...	9.46	7.7	ng	479927	3	9.80	1242070	20.0
unknown9.67	9.67	7.0	ng	432499	3	9.80	1242070	20.0
unknown9.69	9.69	5.9	ng	365345	3	9.80	1242070	20.0
unknown9.71	9.71	7.3	ng	451178	3	9.80	1242070	20.0
Naphthalene, 1,4,...	10.00	6.3	ng	394515	3	9.80	1242070	20.0
Heptadecane, 2,6,...	10.46	15.1	ng	939670	3	9.80	1242070	20.0
Sulfurous acid, 2...	10.72	40.2	ng	2095410	4	11.28	1041370	20.0
Hexacosane	11.19	17.0	ng	884594	4	11.28	1041370	20.0
E-14-Hexadecenal	13.76	7.3	ng	274125	5	13.90	751936	20.0