LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099378.D
Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

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-BF092317.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	2.169	11	14	48	rVB3	94172	310786	8.15%	0.459%
2	5.087	507	510	528	rVB	358141	553317	14.51%	0.817%
3	5.481	572	577	581	rBV	2704104	2993072	78.52%	4.421%
4	6.381	726	730	733	rBV3	72008	111192	2.92%	0.164%
5	6.492	738	749	752	rBV	2581611	3108895	81.55%	4.592%
6	6.522	752	754	757	rVB2	117582	114139	2.99%	0.169%
7	6.628	767	772	775	rVB	2931828	3040400	79.76%	4.491%
8	6.681	777	781	783	rBV3	45878	62555	1.64%	0.092%
9	6.704	783	785	788	rVB	70544	55990	1.47%	0.083%
10	6.769	788	796	798	rBV4	74762	134694	3.53%	0.199%
11	6.810	799	803	805	rBV4	95683	97977	2.57%	0.145%
12	6.851	805	810	813	rVB	866152	740508	19.43%	1.094%
13	6.904	816	819	822	rBV3	99035	107819	2.83%	0.159%
14	6.939	822	825	826	rBV2	88027	96399	2.53%	0.142%
15	6.957	826	828	831	rVB	130345	96220	2.52%	0.142%
16	7.010	831	837	840	rBV	2453001	2459373	64.52%	3.633%
17	7.069	845	847	850	rBV3	86271	80063	2.10%	0.118%
18	7.116	850	855	859	rVB5	177366	263965	6.92%	0.390%
19	7.157	859	862	865	rBV4	58163	83898	2.20%	0.124%
20	7.192	865	868	870	rBV2	59328	58025	1.52%	0.086%
21	7.245	873	877	879	rBV	343046	334419	8.77%	0.494%
22	7.269	879	881	887	rVB5	182099	221951	5.82%	0.328%
23	7.322	887	890	894	rVB2	109409	109458	2.87%	0.162%
24	7.369	894	898	902	rBV5	234805	441038	11.57%	0.651%
25	7.422	902	907	909	rBV	1799813	1787215	46.88%	2.640%
26	7.445	909	911	914	rVB3	148477	175173	4.60%	0.259%
27	7.492	914	919	922	rVB4	386634	640239	16.79%	0.946%
28	7.534	922	926	930	rBV5	209544	396651	10.41%	0.586%
29	7.569	930	932	934	rBV3	103140	116491	3.06%	0.172%
30	7.628	938	942	944	rBV2	220639	277449	7.28%	0.410%
31	7.657	944	947	949	rVB	563371	505064	13.25%	0.746%
32	7.675	949	950	953	rVB2	144315	93945	2.46%	0.139%
33	7.728	955	959	963	rBV3	323644	377333	9.90%	0.557%
34	7.769	963	966	972	rBV3	843016	793781	20.82%	1.173%

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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-BF092317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.834	972	977	981	rBV6	132611	207207	5.44%	0.306%
36	7.886	981	986	989	rBV5	211839	369535	9.69%	0.546%
37	7.945	993	996	999	rBV2	278804	362412	9.51%	0.535%
38	8.004	1002	1006	1008	rBV2	344045	402640	10.56%	0.595%
39	8.034	1008	1011	1015	rVB4	197965	204094	5.35%	0.301%
40	8.075	1015	1018	1022	rBV4	195911	372515	9.77%	0.550%
41	8.116	1022	1025	1026	rBV3	248087	278912	7.32%	0.412%
42	8.134	1026	1028	1031	rVV	1038183	801714	21.03%	1.184%
43	8.157	1031	1032	1034	rVB	140604	52817	1.39%	0.078%
44	8.186	1034	1037	1040	rVB3	672431	714851	18.75%	1.056%
45	8.216	1040	1042	1050	rVB6	382958	592191	15.53%	0.875%
46	8.281	1050	1053	1055	rBV3	280299	343727	9.02%	0.508%
47	8.310	1055	1058	1059	rBV3	193014	178405	4.68%	0.264%
48	8.334	1059	1062	1064	rVB2	341923	337556	8.85%	0.499%
49	8.357	1064	1066	1070	rVB3	201255	239532	6.28%	0.354%
50	8.422	1070	1077	1082	rBV6	642408	1299599	34.09%	1.920%
51	8.475	1084	1086	1090	rBV4	313355	324090	8.50%	0.479%
52	8.516	1090	1093	1095	rVB3	335538	349402	9.17%	0.516%
53	8.551	1095	1099	1101	rBV	1944134	1864371	48.91%	2.754%
54	8.569	1101	1102	1104	rVV2	415889	351975	9.23%	0.520%
55	8.592	1104	1106	1109	rVB3	655704	615189	16.14%	0.909%
56	8.639	1111	1114	1116	rBV	271482	256600	6.73%	0.379%
57	8.675	1116	1120	1122	rBV4	417208	590089	15.48%	0.872%
58	8.757	1132	1134	1137	rBV4	292461	342889	8.99%	0.507%
59	8.816	1141	1144	1147	rVB3	652095	822837	21.58%	1.215%
60	8.851	1147	1150	1152	rBV2	277762	283512	7.44%	0.419%
61	8.881	1152	1155	1157	rVB3	596602	508847	13.35%	0.752%
62	8.910	1157	1160	1163	rBV3	579362	827300	21.70%	1.222%
63	9.010	1174	1177	1180	rBV4	385606	533543	14.00%	0.788%
64	9.039	1180	1182	1185	rVB	703753	607917	15.95%	0.898%
65	9.128	1195	1197	1199	rBV2	444123	341474	8.96%	0.504%
66	9.157	1199	1202	1206	rVV	1689519	1695162	44.47%	2.504%
67	9.210	1207	1211	1216	rVB	2332477	2708555	71.05%	4.001%
68	9.286	1221	1224	1229	rBV3	1147217	1557736	40.86%	2.301%
69	9.328	1229	1231	1234	rBV3	367034	442462	11.61%	0.654%
70	9.545	1266	1268	1270	rBV2	328694	248949	6.53%	0.368%
71	9.604	1274	1278	1282	rVV4	2587481	3812090	100.00%	5.631%

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72	9.633	1282	1283	1285	rVV2	407988	340691	8.94%	0.503%
73	9.657	1285	1287	1291	rVB3	479098	479961	12.59%	0.709%
74	9.757	1301	1304	1306	rBV4	1086041	1078198	28.28%	1.593%
75	9.804	1306	1312	1315	rVB2	1583911	1851760	48.58%	2.735%
76	9.875	1322	1324	1326	rBV2	396631	350739	9.20%	0.518%
77	9.928	1330	1333	1334	rBV2	471030	469220	12.31%	0.693%
78	9.992	1342	1344	1349	rVB4	335552	485812	12.74%	0.718%
79	10.080	1356	1359	1362	rVB2	404757	405423	10.64%	0.599%
80	10.139	1367	1369	1373	rBV3	394518	555997	14.59%	0.821%
81	10.210	1378	1381	1386	rBV3	836270	1215405	31.88%	1.795%
82	10.257	1386	1389	1392	rVB3	592603	651081	17.08%	0.962%
83	10.298	1392	1396	1400	rBV4	791811	967670	25.38%	1.429%
84	10.539	1433	1437	1442	rVB2	1558763	1922465	50.43%	2.840%
85	10.686	1459	1462	1465	rBV2	1007572	1161717	30.47%	1.716%
86	10.804	1478	1482	1485	rBV	2404301	2500966	65.61%	3.694%
87	10.880	1493	1495	1497	rVB	424618	313712	8.23%	0.463%
88	11.263	1557	1560	1567	rVB	1328917	1505747	39.50%	2.224%
89	11.380	1577	1580	1583	rBV	895622	894502	23.46%	1.321%
90	11.610	1616	1619	1622	rBV2	513465	477947	12.54%	0.706%
91	12.957	1844	1848	1851	rVB	2171934	2072013	54.35%	3.061%
92	13.833	1994	1997	2012	rVB2	84179	158931	4.17%	0.235%
93	14.010	2023	2027	2031	rBV	633882	588597	15.44%	0.869%
94	15.480	2272	2277	2286	rVB	468986	566379	14.86%	0.837%

Sum of corrected areas: 67697123

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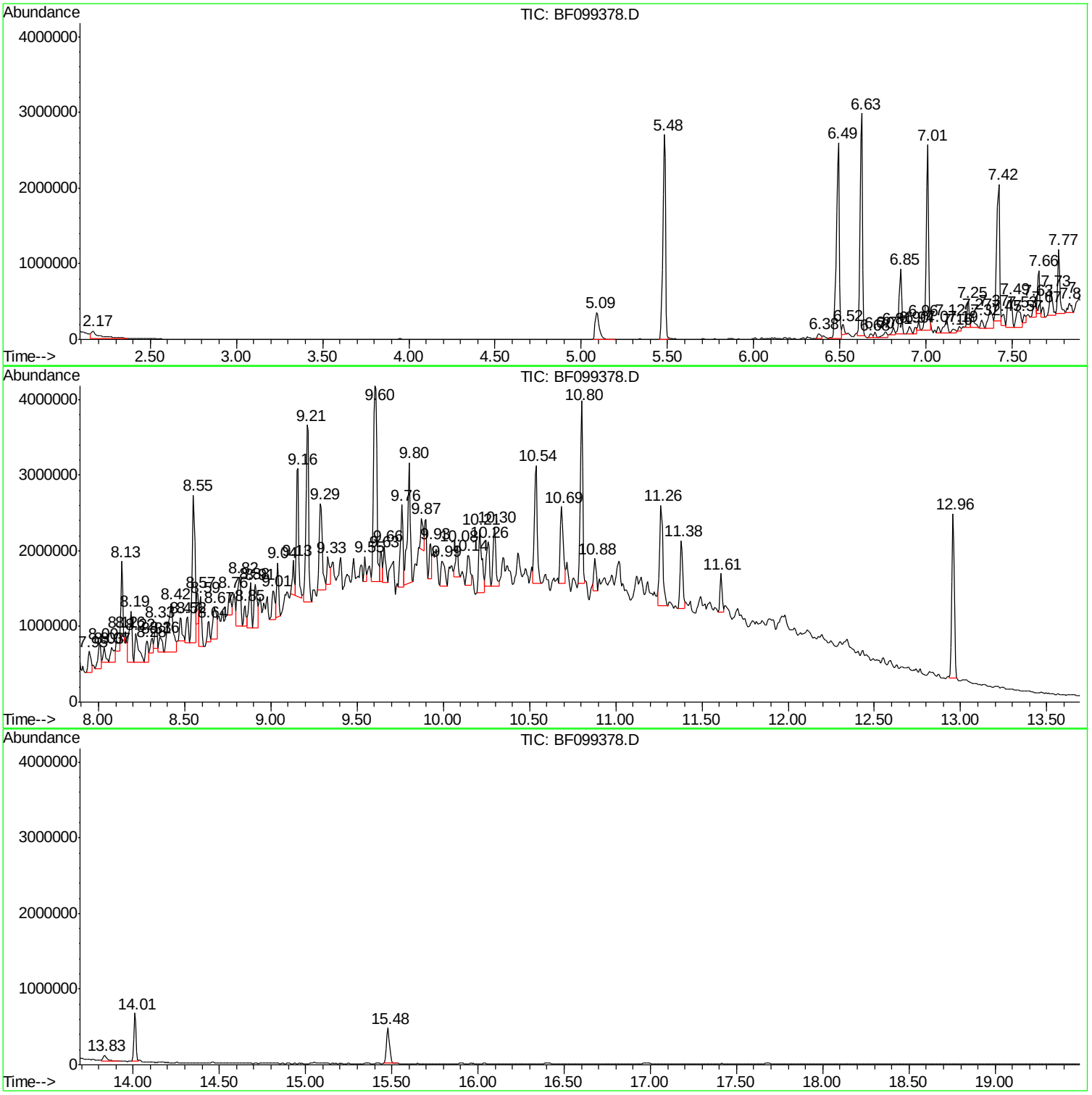
Instrument :
BNA_F
ClientSampleId :
LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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

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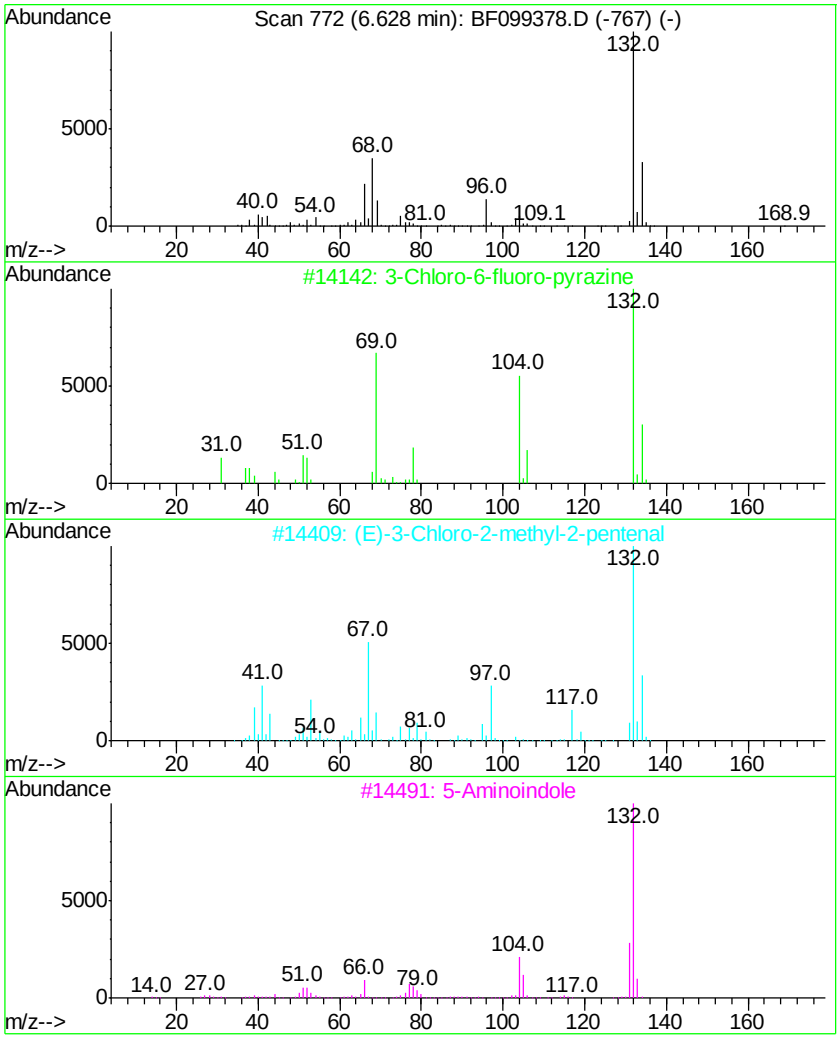
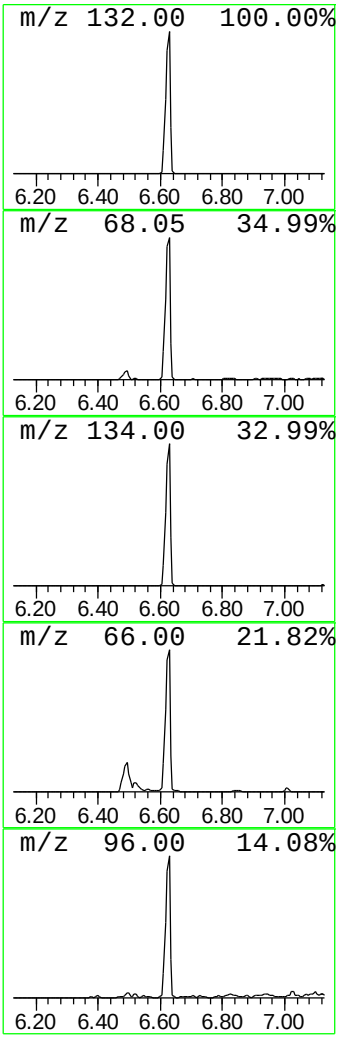
****

Peak Number 1 unknown6.63 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	82.12 ng	3040400	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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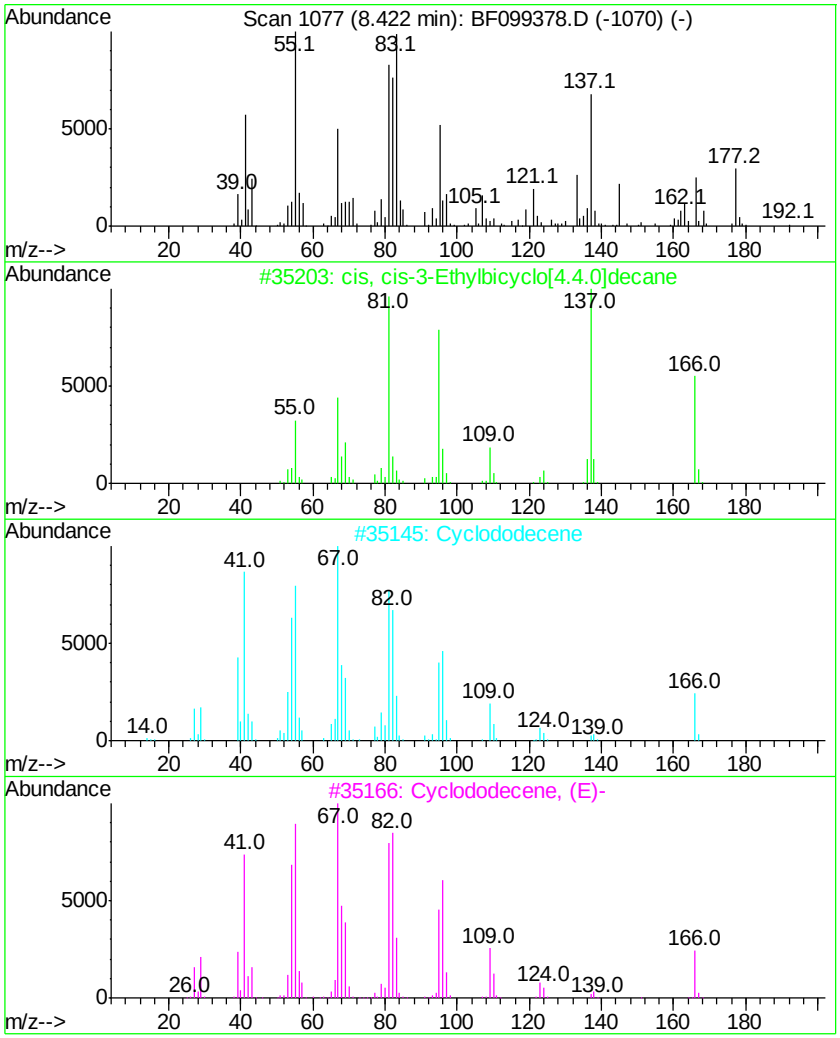
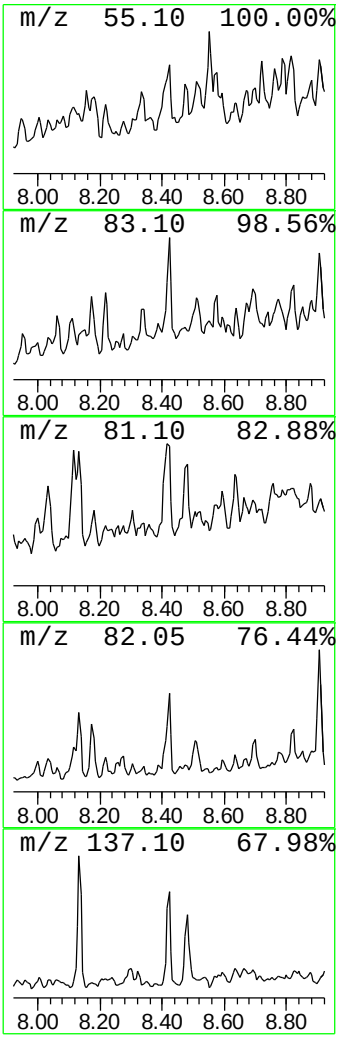
****

Peak Number 3 unknown8.42 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	32.42 ng	1299600	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	46
2	Cyclododecene	166	C12H22	001501-82-2	46
3	Cyclododecene, (E)-	166	C12H22	001486-75-5	46
4	trans,trans-3-Ethylbicyclo[4.4.0...	166	C12H22	058462-32-1	46
5	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	45





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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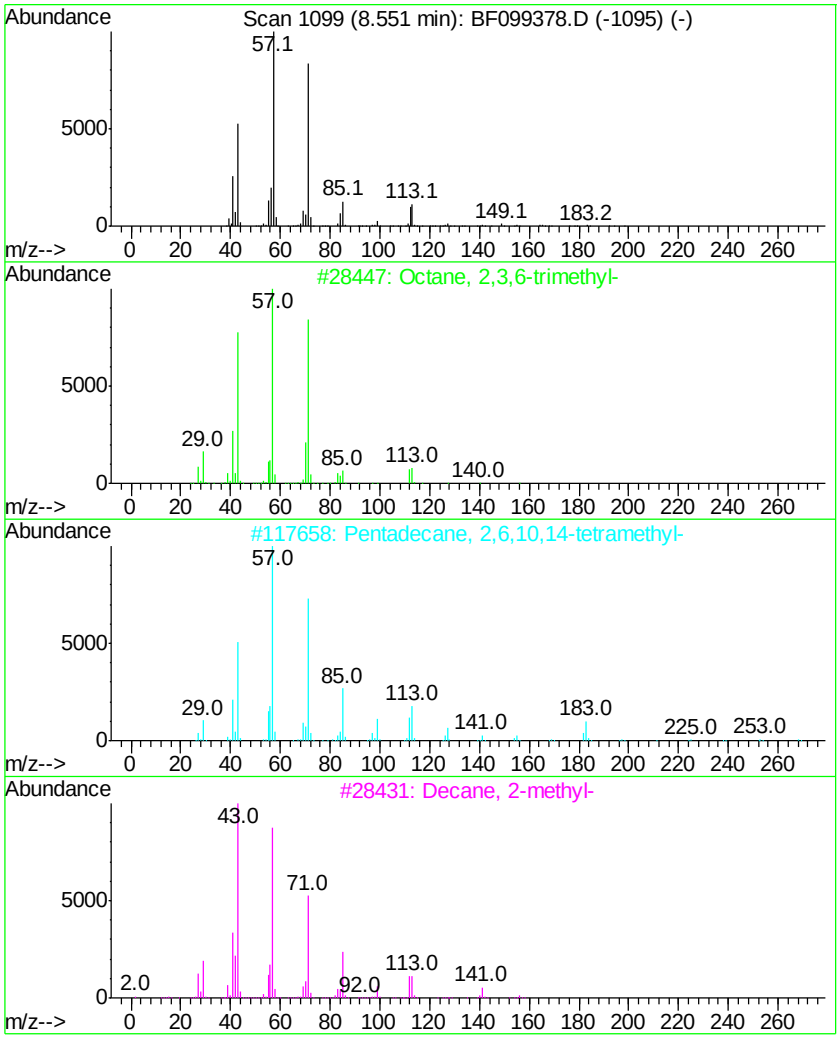
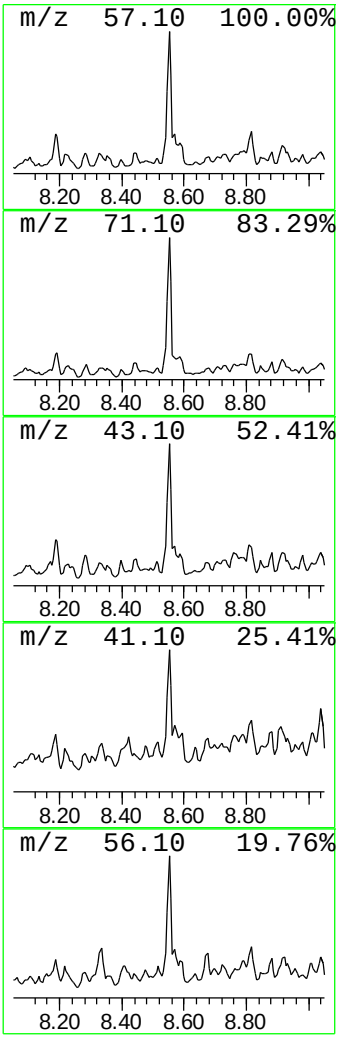
Peak Number 4 Octane, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	46.51 ng	1864370	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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TIC Library : C:\DATABASE\NIST11.L
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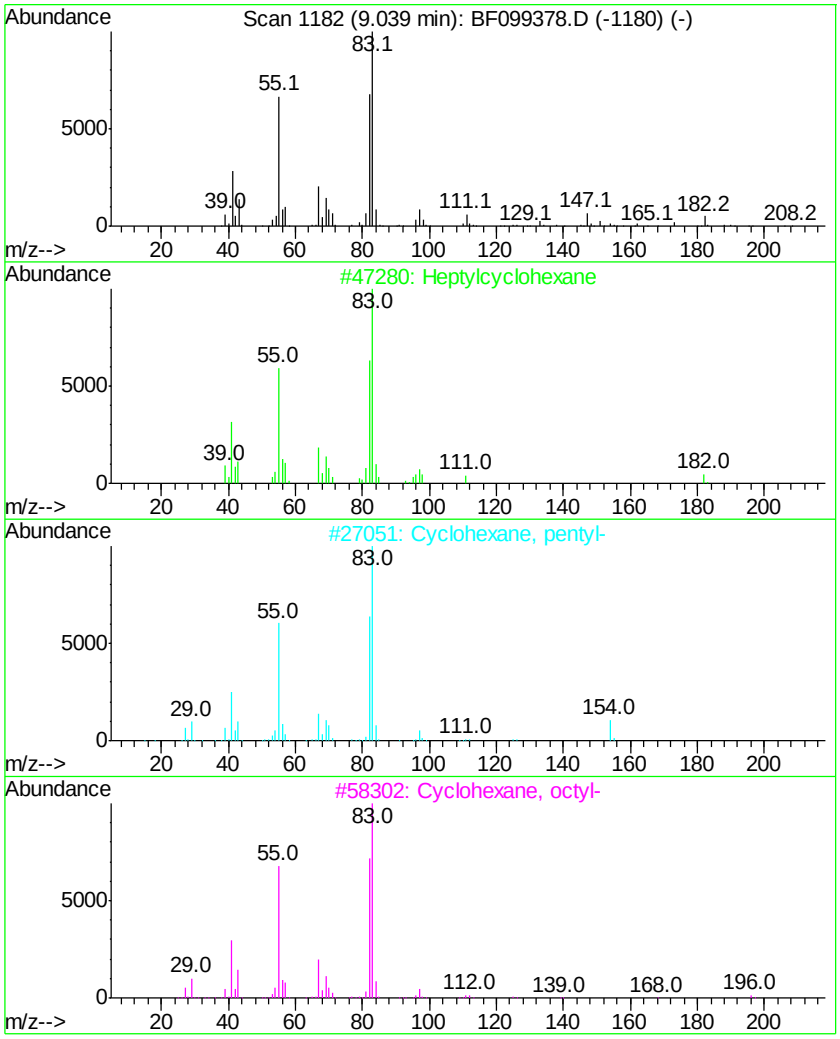
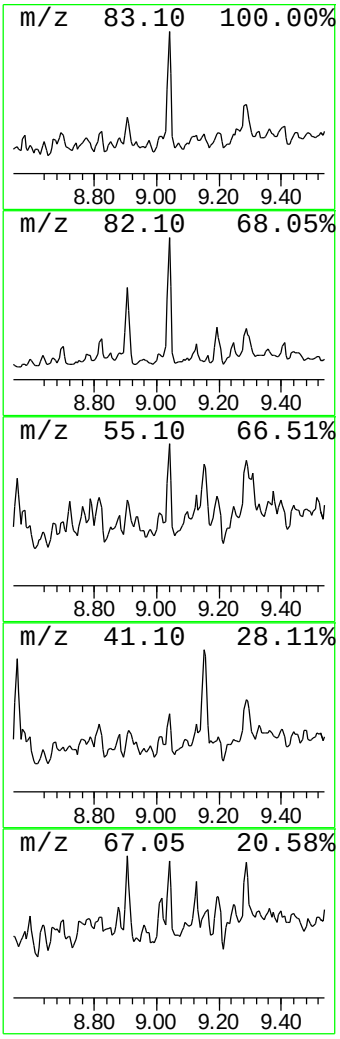
****

Peak Number 5 Heptylcyclohexane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	34.66 ng	607917	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	86
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





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Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

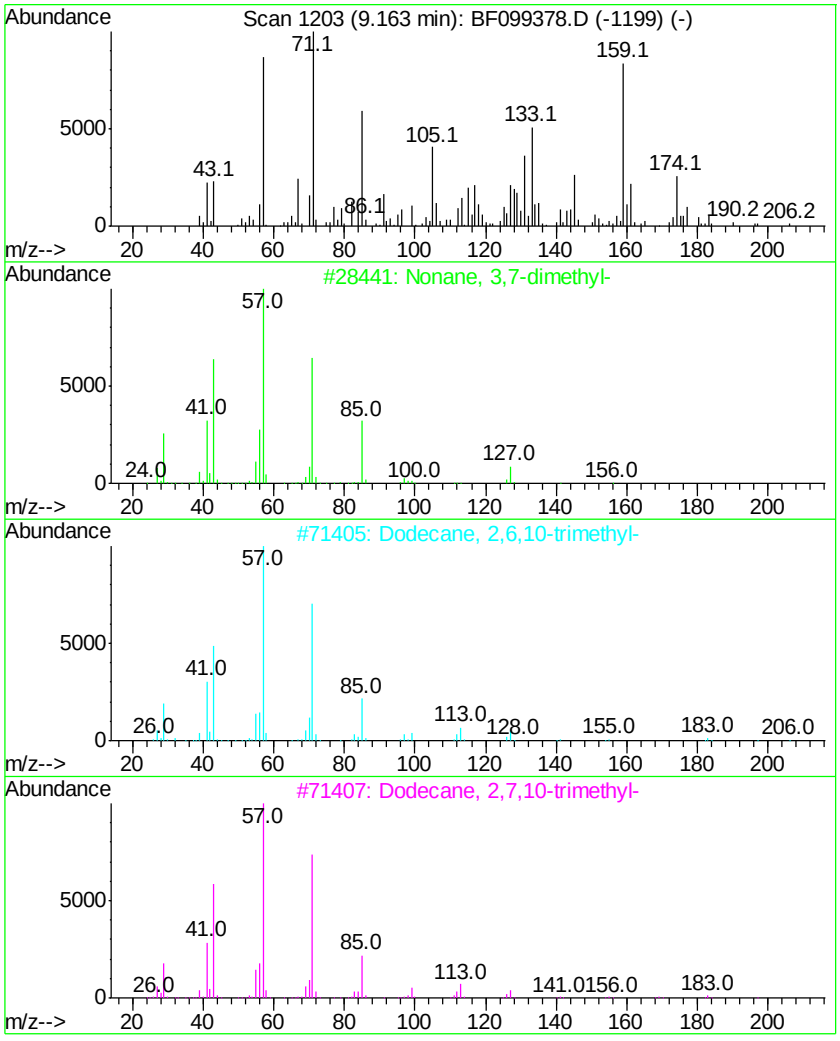
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

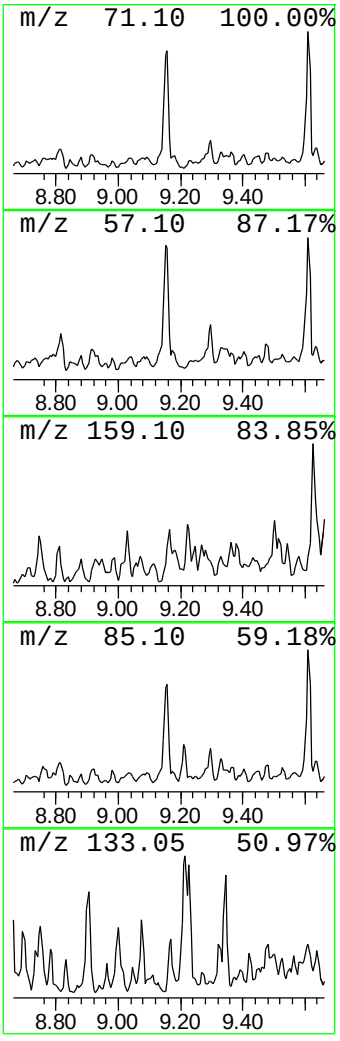
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	96.66 ng	1695160	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	83
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	59





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Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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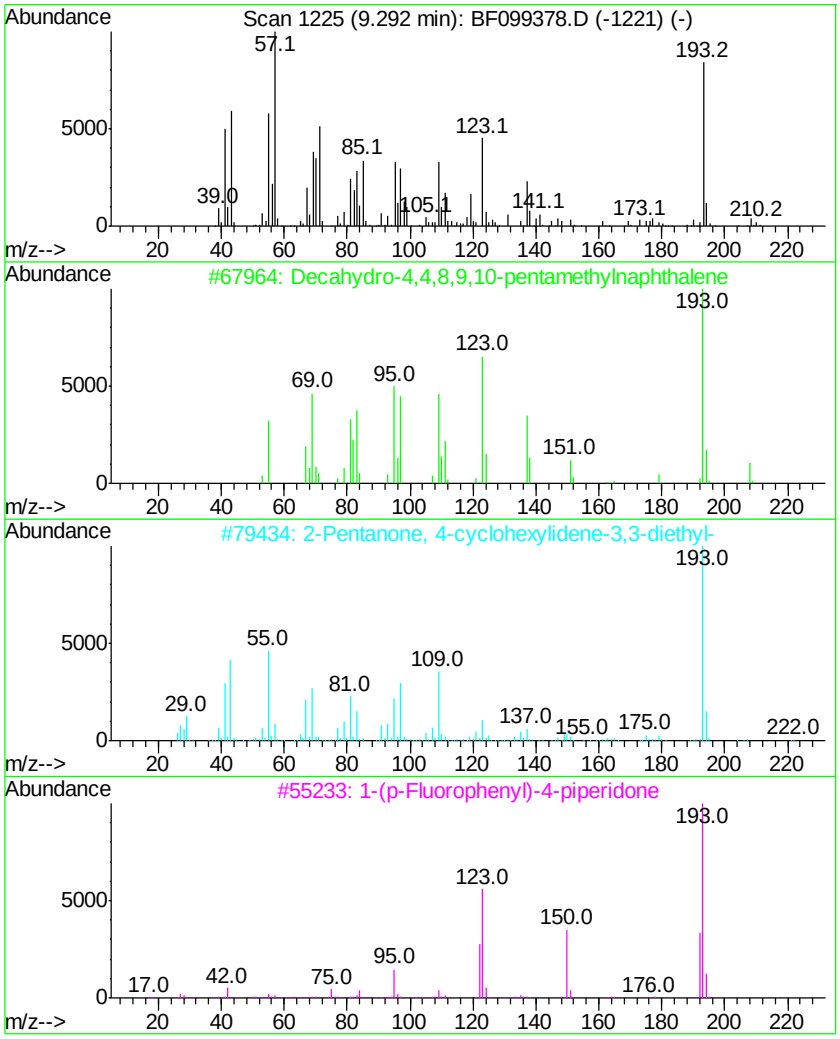
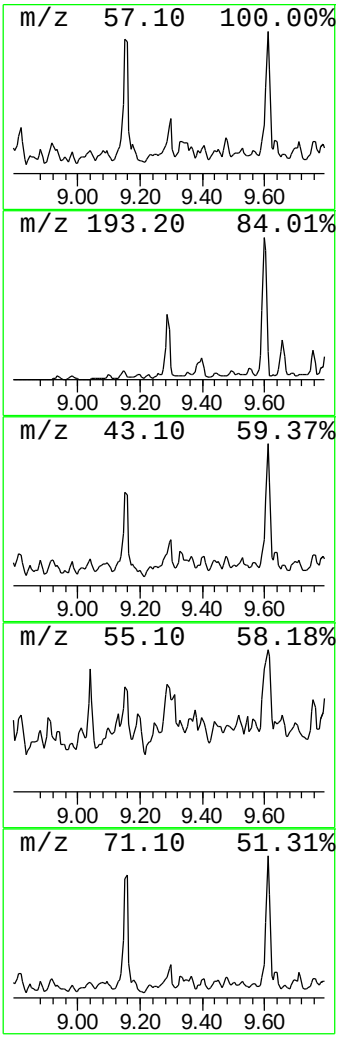
Peak Number 7 Decahydro-4,4,8,9,10-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	88.83 ng	1557740	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	87
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	25





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Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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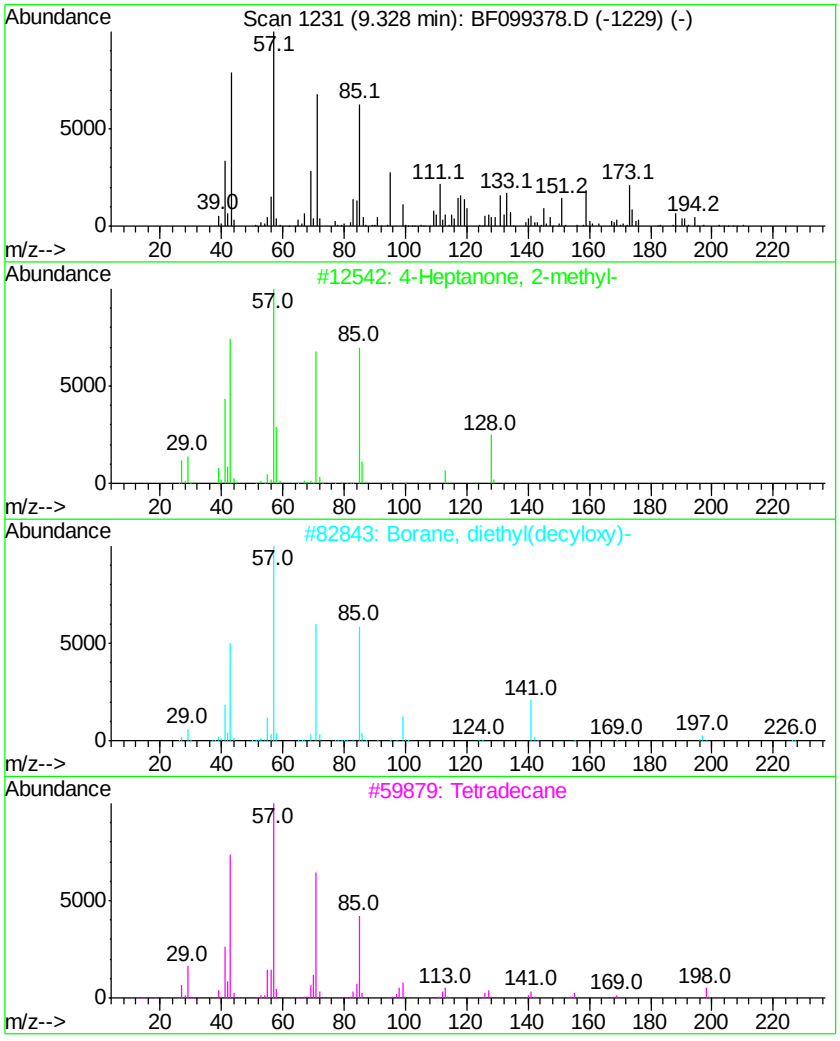
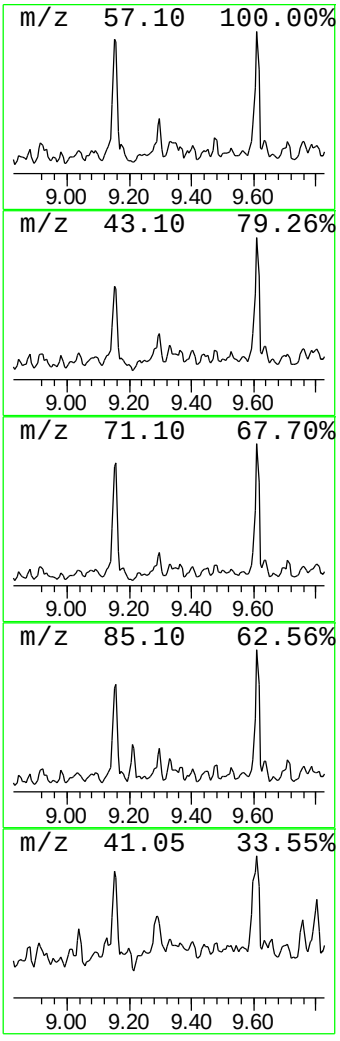
Peak Number 8 unknown9.33 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	25.23 ng	442462	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	38
2	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	35
3	Tetradecane	198	C14H30	000629-59-4	35
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	35
5	Hexacosane	366	C26H54	000630-01-3	22





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Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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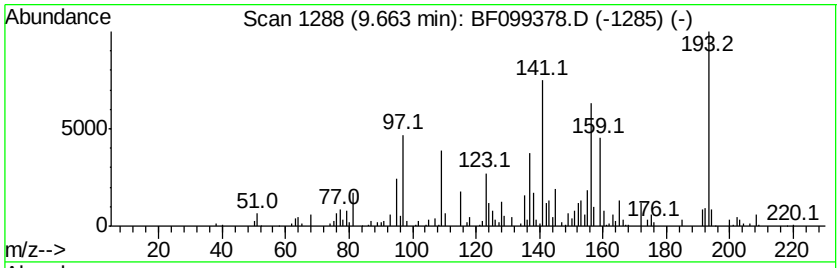
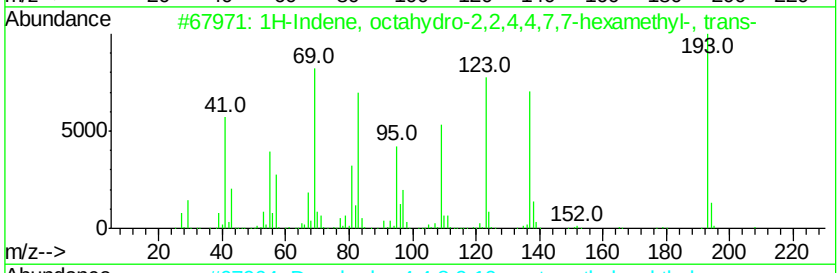
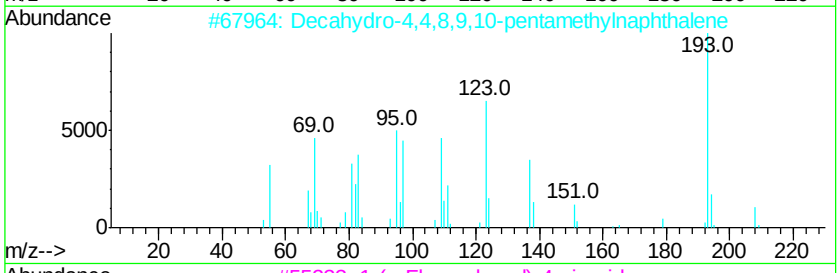
Peak Number 9 1H-Indene, octahydro-2,2,4,... Concentration Rank 18

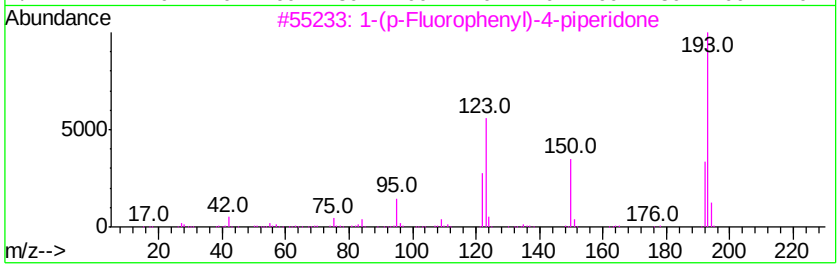
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	27.37 ng	479961	Acenaphthene-d10	9.90

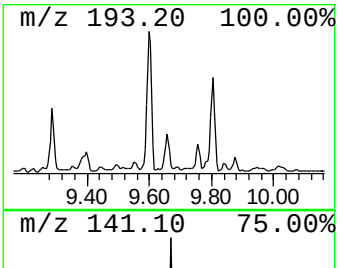
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	53
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	52
3	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
4	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
5	Iminostilbene	193	C14H11N	000256-96-2	35

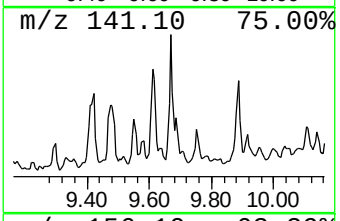


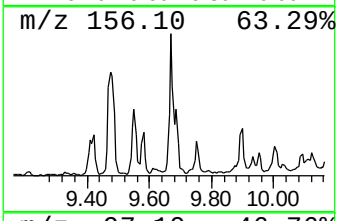


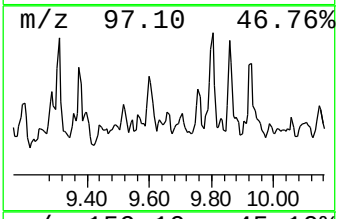


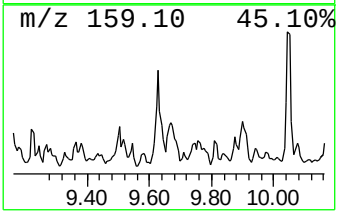












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Data File : BF099378.D
Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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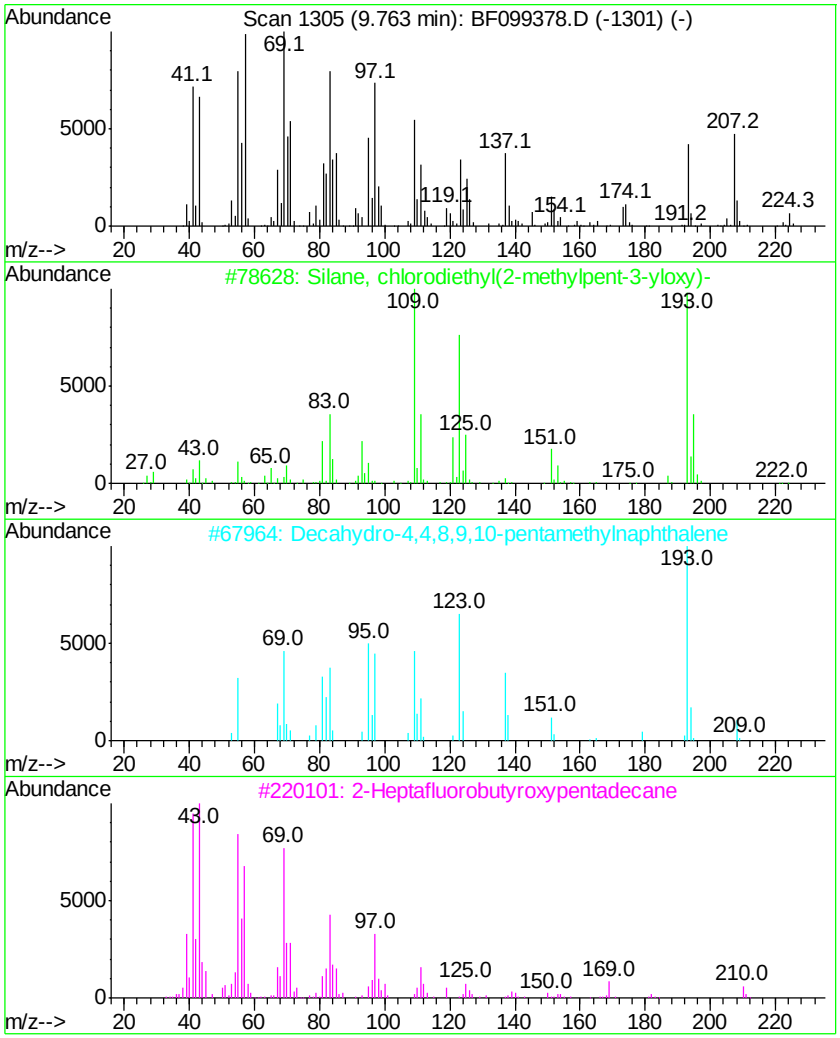
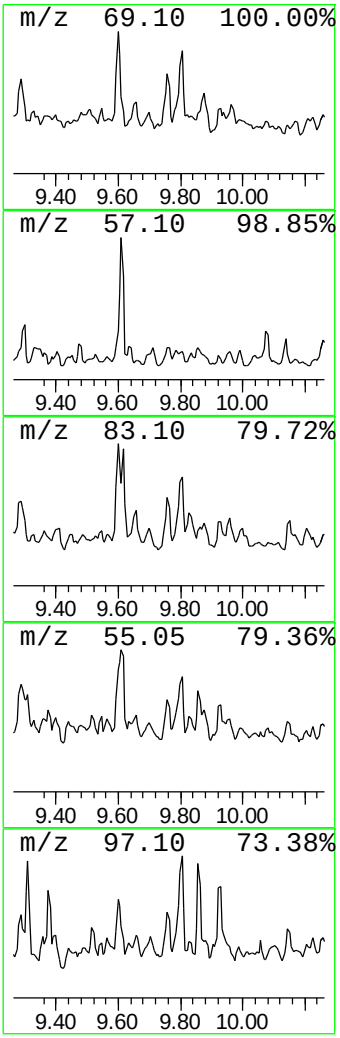
Peak Number 10 Silane, chlorodiethyl(2-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	61.48 ng	1078200	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, chlorodiethyl(2-methylpe...	222	C10H23ClOSi	1000363-79-1	60
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	60
3	2-Heptafluorobutyroxypentadecane	424	C19H31F7O2	1000245-50-0	46
4	9-Undecenol, 2,10-dimethyl-	198	C13H26O	1000131-86-0	38
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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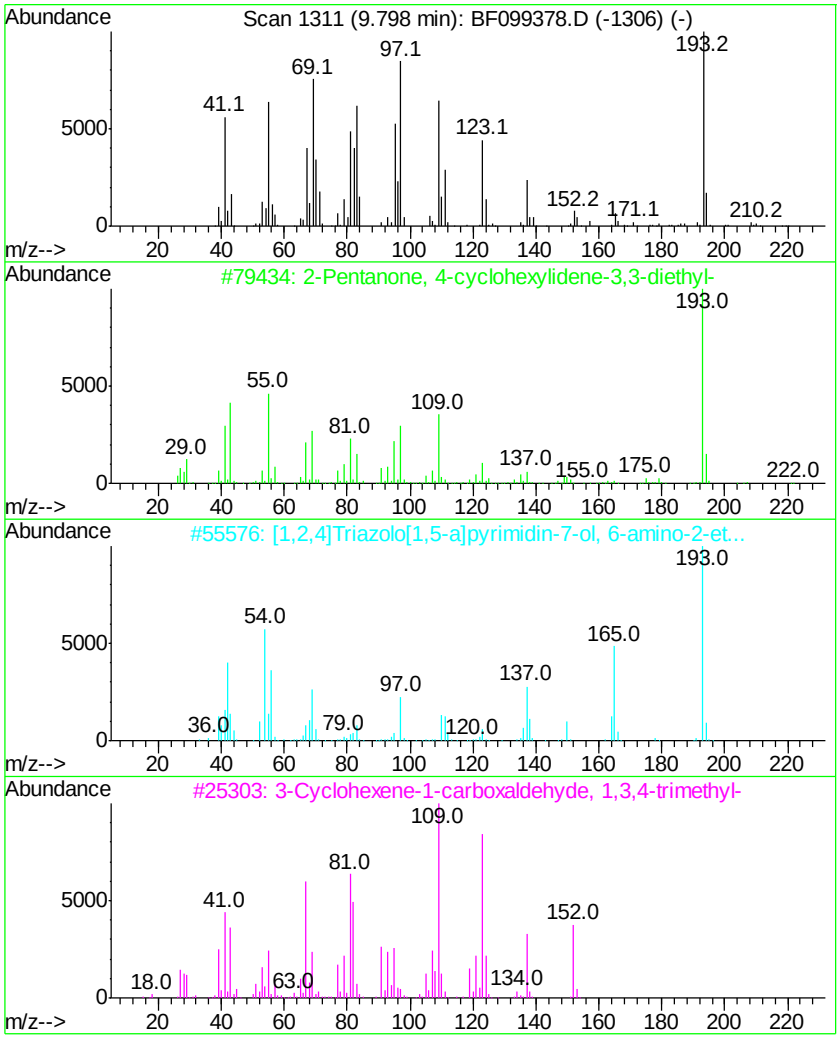
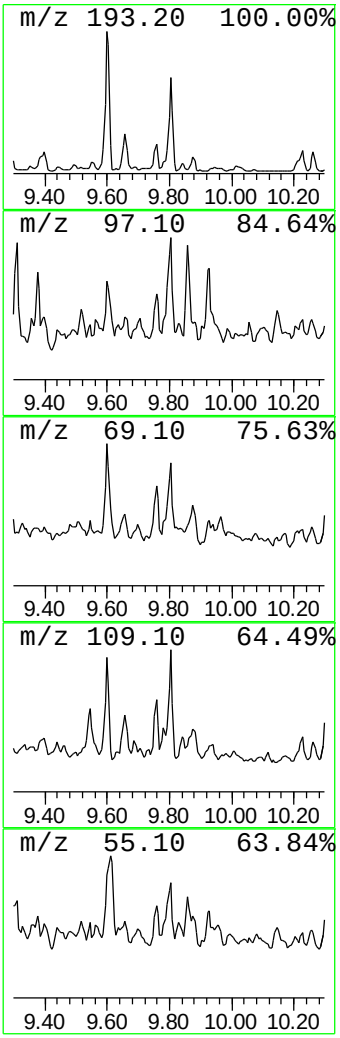
Peak Number 11 unknown9.80 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	105.59 ng	1851760	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
2	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	38
3	3-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	040702-26-9	22
4	1H-Pyrazole, 3,5-bis(1,1-dimethy...	208	C13H24N2	125281-21-2	16
5	6-Methylphenanthridine	193	C14H11N	003955-65-5	14





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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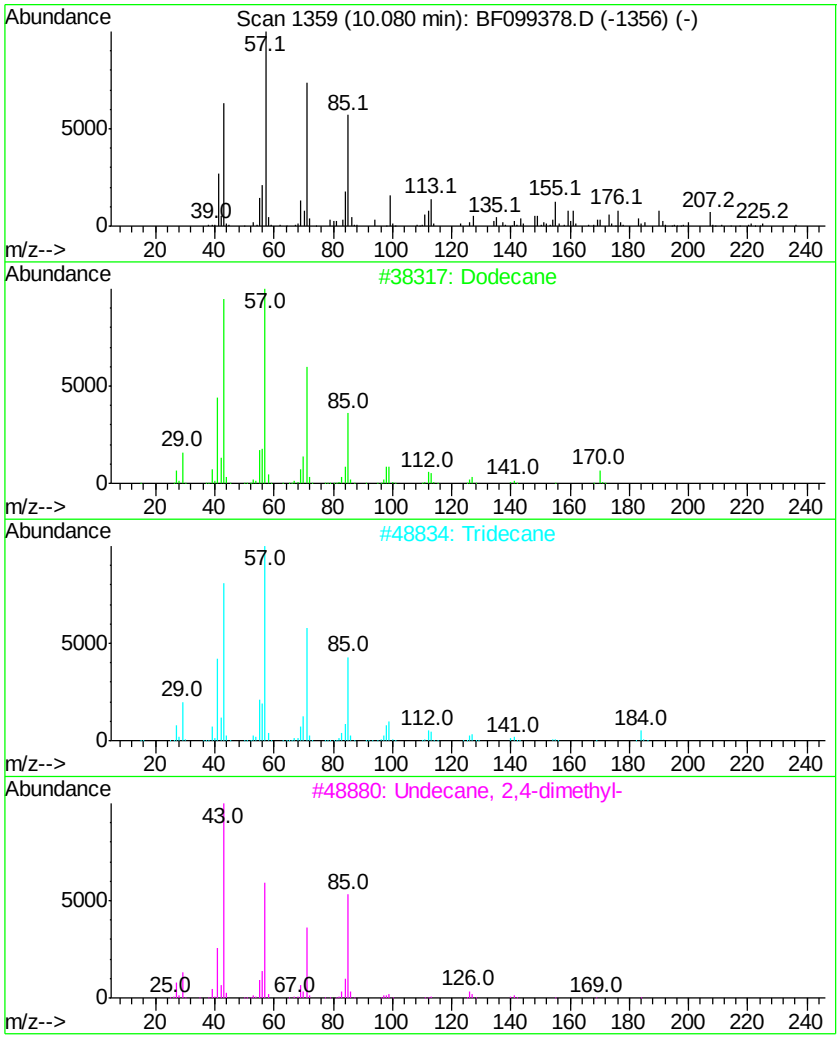
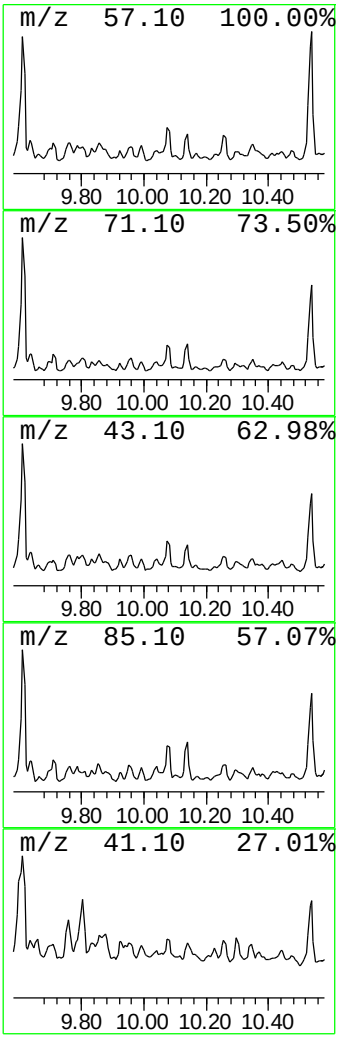
Peak Number 13 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	23.12 ng	405423	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tridecane	184	C13H28	000629-50-5	83
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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ClientSampleId : LB-32(8.5-9)

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TIC Integration Parameters: LSCINT.P

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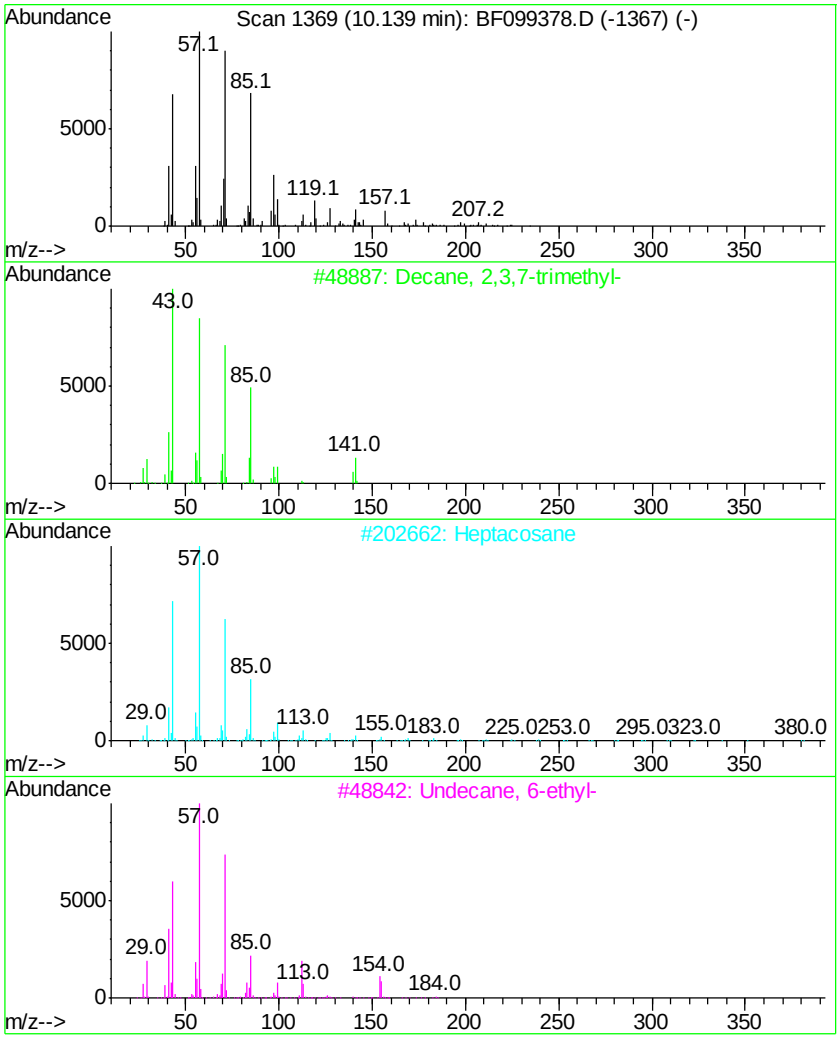
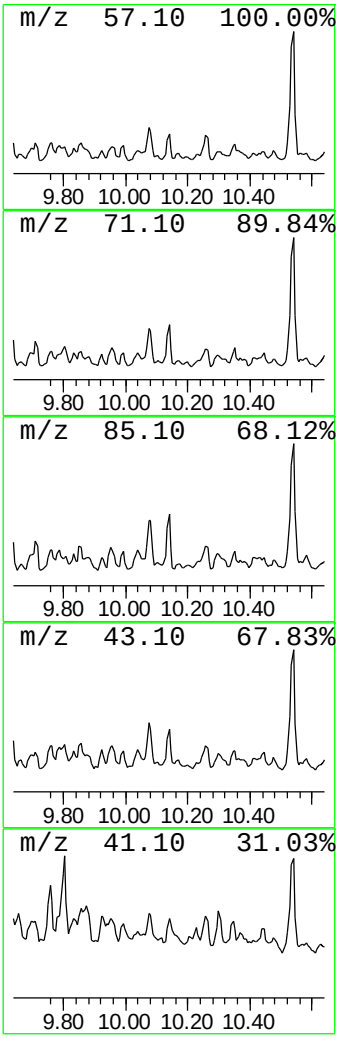
Peak Number 14 Decane, 2,3,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	31.70 ng	555997	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64
2	Heptacosane	380	C27H56	000593-49-7	50
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	49
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	47
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46





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ClientSampleId : LB-32(8.5-9)

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TIC Integration Parameters: LSCINT.P

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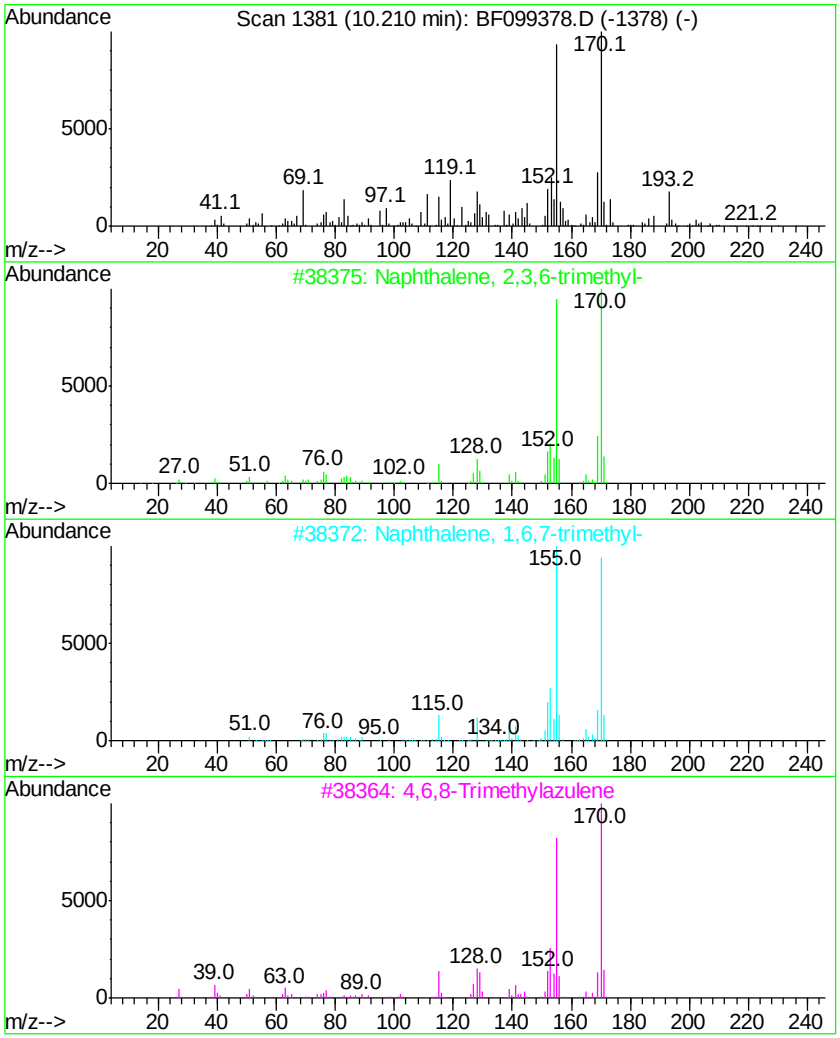
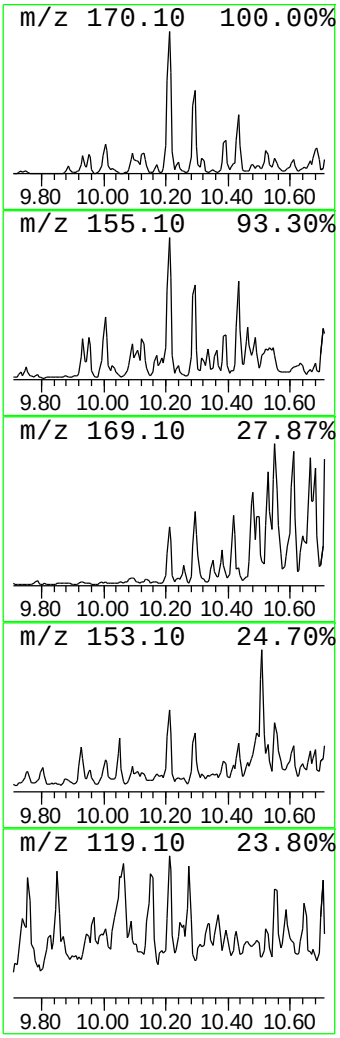
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	69.31 ng	1215410	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94





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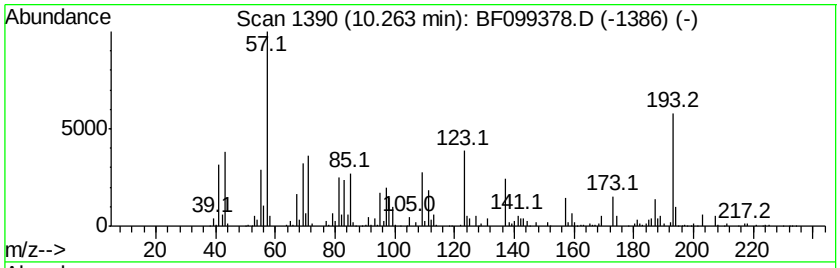
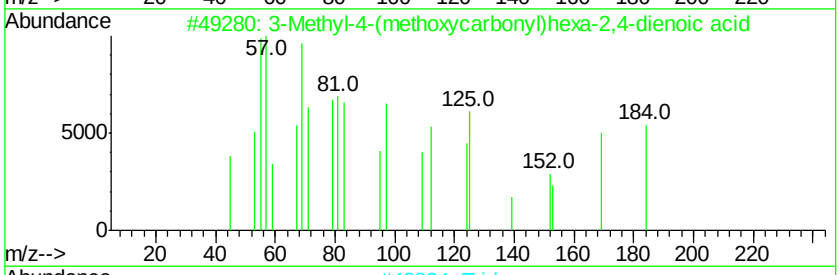
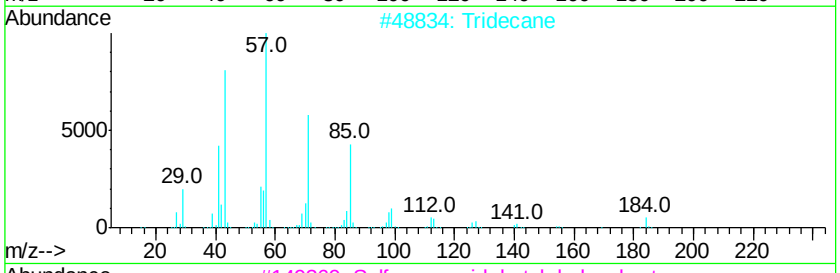
Peak Number 16 unknown10.26 Concentration Rank 12

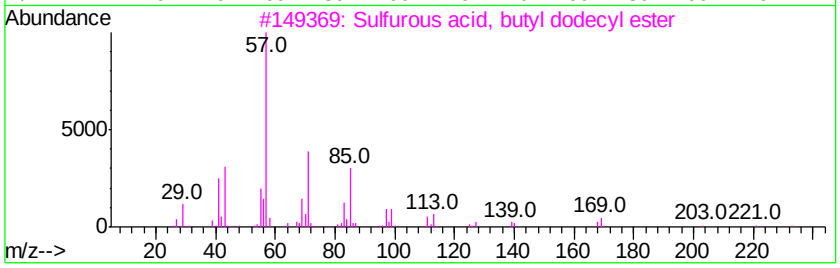
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	37.13 ng	651081	Acenaphthene-d10	9.90

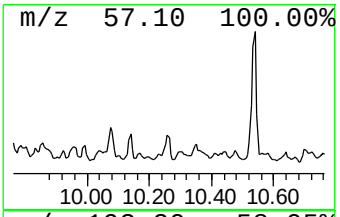
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	25
2	Tridecane	184	C13H28	000629-50-5	15
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	11
4	Octacosane	394	C28H58	000630-02-4	10
5	Hexacosane	366	C26H54	000630-01-3	10

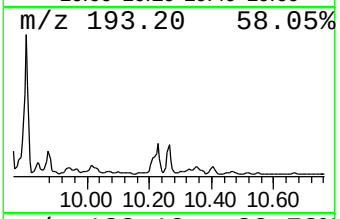


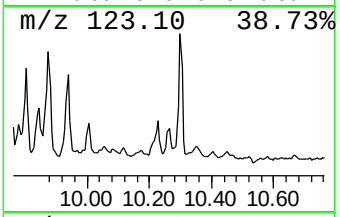


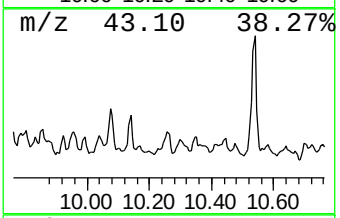


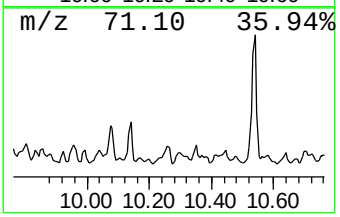












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Data File : BF099378.D
Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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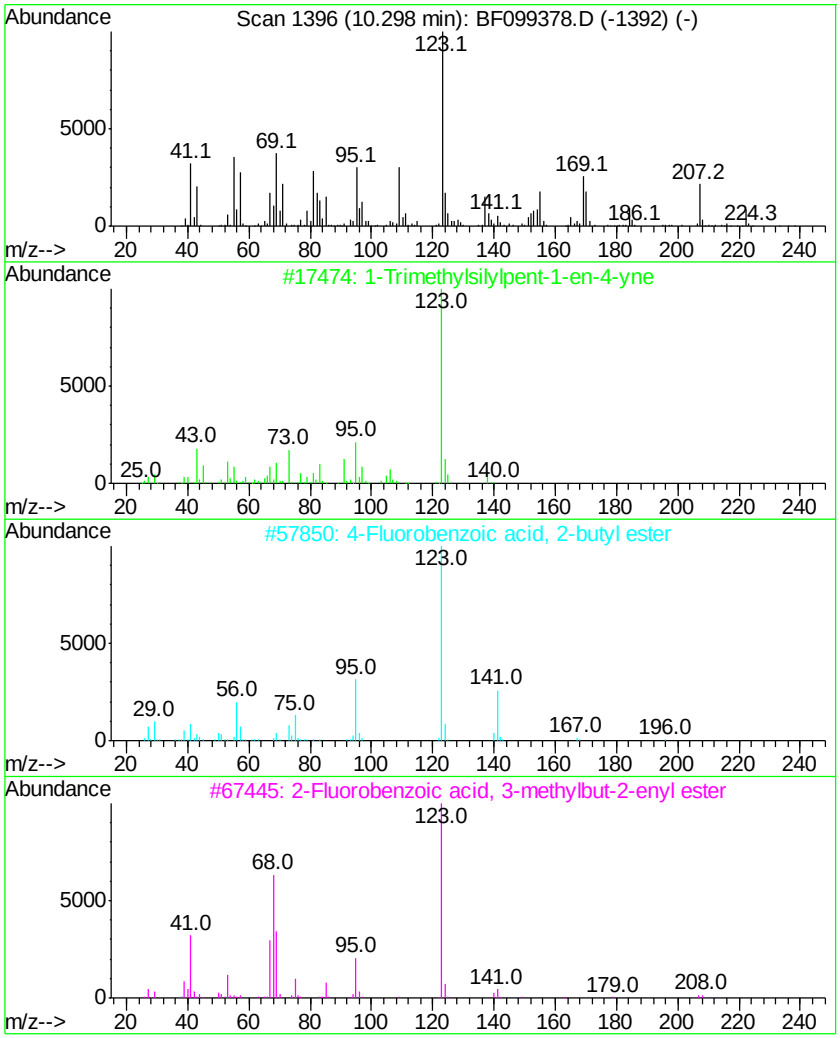
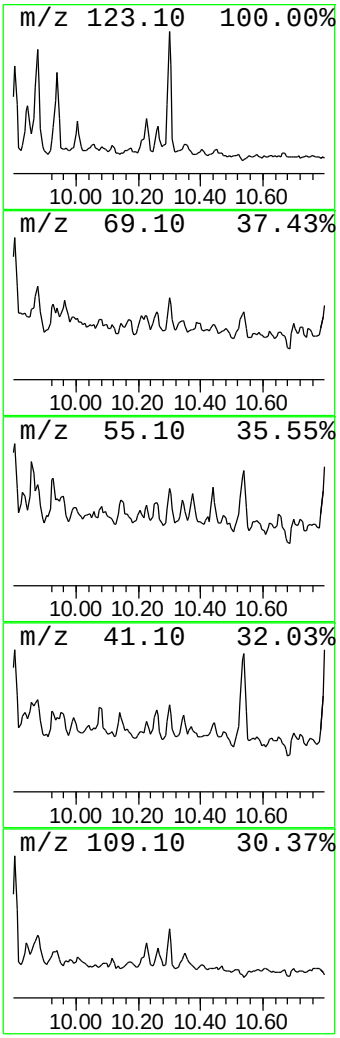
Peak Number 17 unknown10.30 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	55.18 ng	967670	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	43
2	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	43
3	2-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-16-2	43
4	Ethyl 5-amino-1-methylpyrazole-4...	169	C7H11N3O2	031037-02-2	43
5	4-Fluorobenzoic acid, 5-pentadec...	350	C22H35FO2	1000280-68-6	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099378.D
Acq On : 12 Oct 2017 7:43
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Misc :
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Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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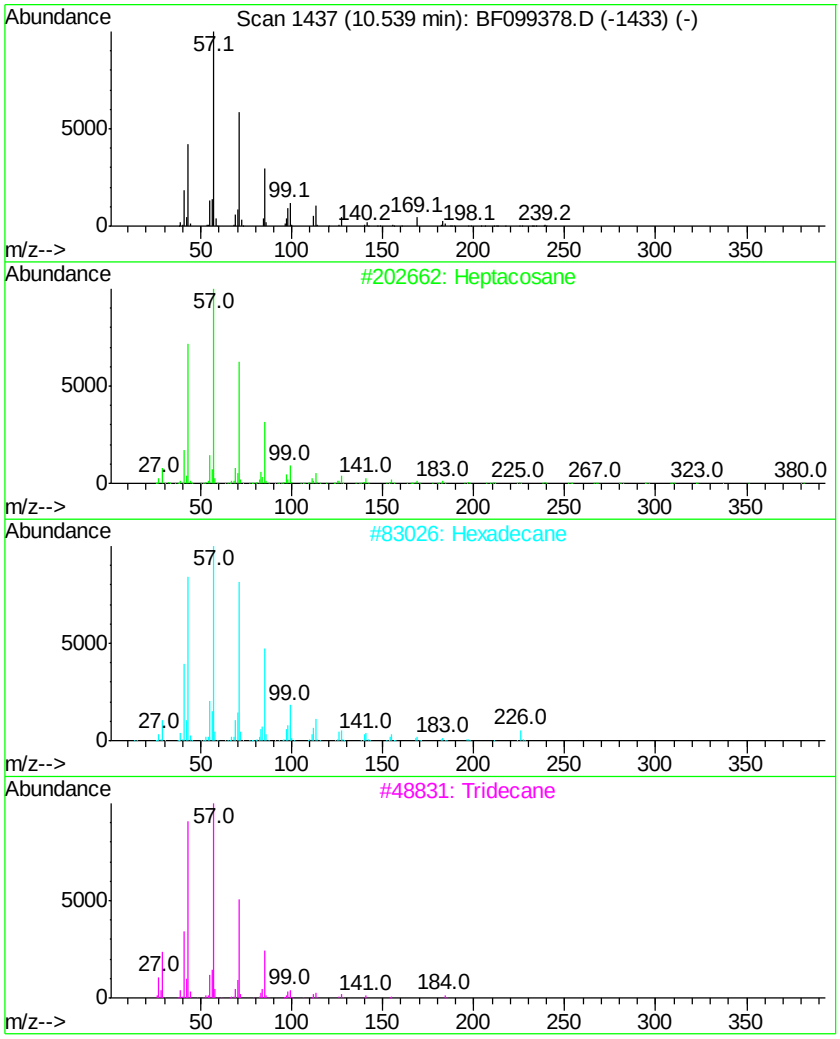
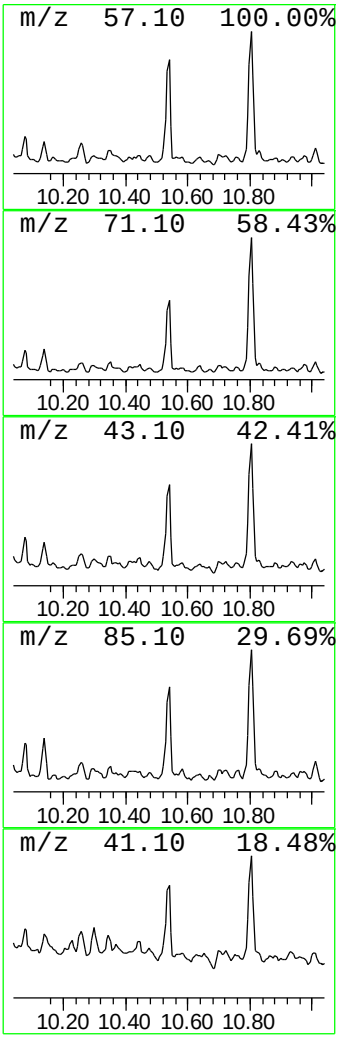
Peak Number 18 Heptacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	109.62 ng	1922470	Acenaphthene-d10	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099378.D
Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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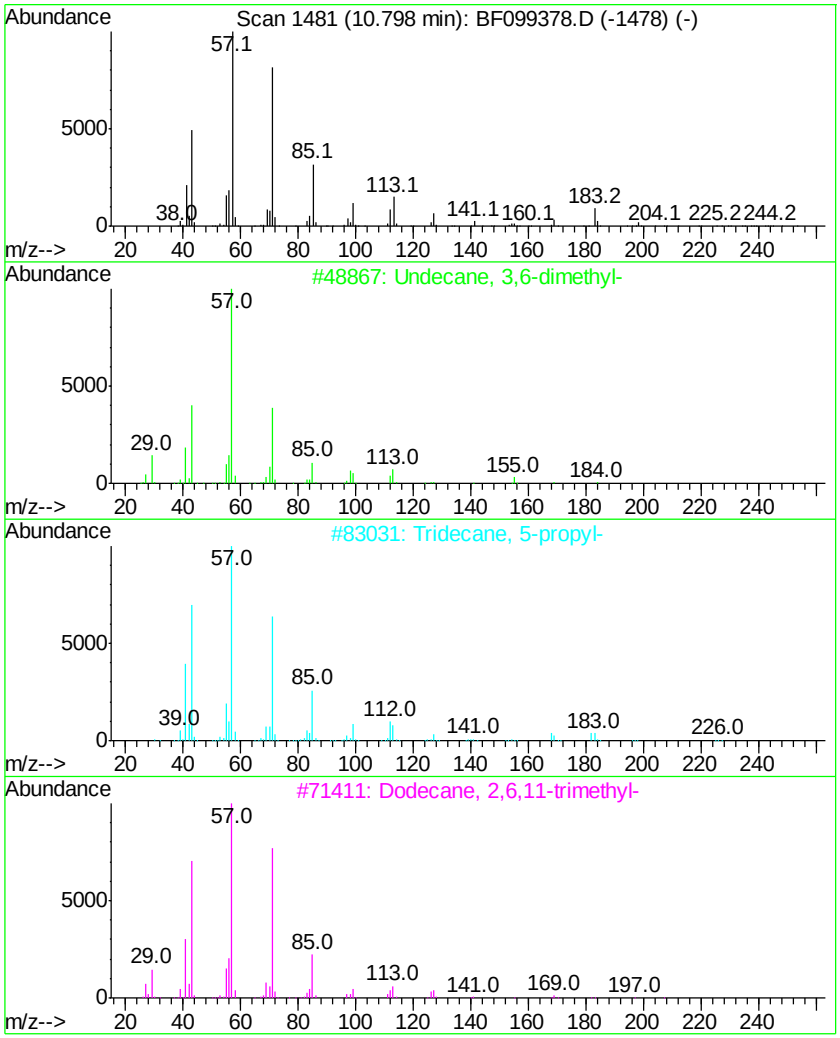
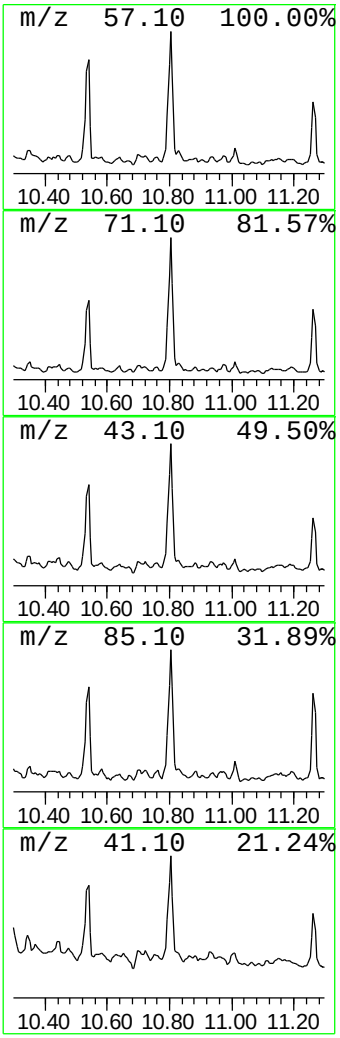
Peak Number 19 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	55.92 ng	2500970	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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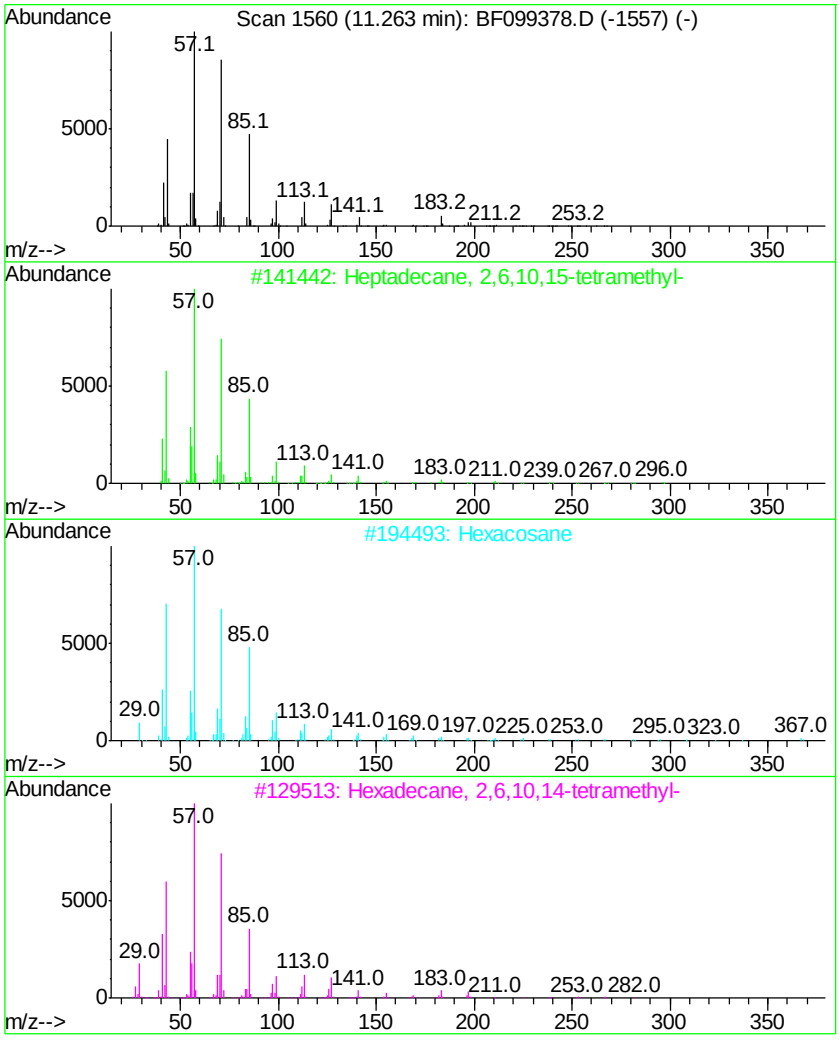
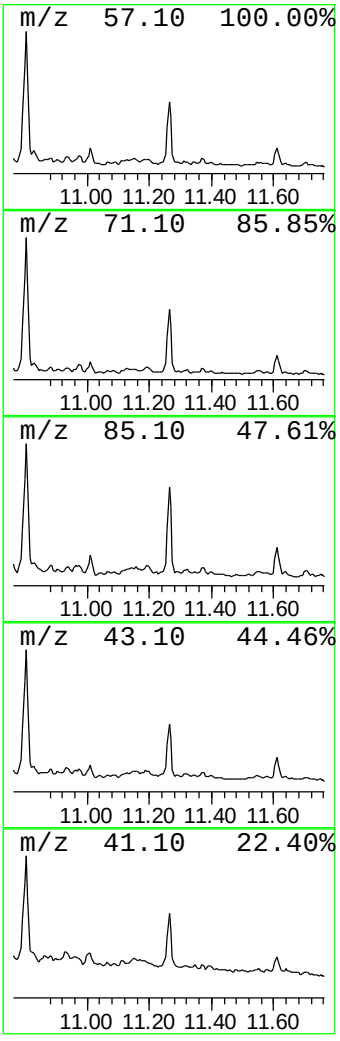
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	33.67 ng	1505750	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Hexacosane	366	C26H54	000630-01-3	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101117\
Data File : BF099378.D
Acq On : 12 Oct 2017 7:43
Operator : SJ/JU
Sample : I5530-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LB-32(8.5-9)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
unknown6.63	6.63	82.1	ng	3040400	1	6.85	740508	20.0
unknown8.42	8.42	32.4	ng	1299600	2	8.13	801714	20.0
Octane, 2,3,6-tri...	8.55	46.5	ng	1864370	2	8.13	801714	20.0
Heptylcyclohexane	9.04	34.7	ng	607917	3	9.90	350739	20.0
Nonane, 3,7-dimet...	9.16	96.7	ng	1695160	3	9.90	350739	20.0
Decahydro-4,4,8,9...	9.29	88.8	ng	1557740	3	9.90	350739	20.0
unknown9.33	9.33	25.2	ng	442462	3	9.90	350739	20.0
1H-Indene, octahy...	9.66	27.4	ng	479961	3	9.90	350739	20.0
Silane, chlorodie...	9.76	61.5	ng	1078200	3	9.90	350739	20.0
unknown9.80	9.80	105.6	ng	1851760	3	9.90	350739	20.0
Dodecane	10.08	23.1	ng	405423	3	9.90	350739	20.0
Decane, 2,3,7-tri...	10.14	31.7	ng	555997	3	9.90	350739	20.0
Naphthalene, 2,3,...	10.21	69.3	ng	1215410	3	9.90	350739	20.0
unknown10.26	10.26	37.1	ng	651081	3	9.90	350739	20.0
unknown10.30	10.30	55.2	ng	967670	3	9.90	350739	20.0
Heptacosane	10.54	109.6	ng	1922470	3	9.90	350739	20.0
Undecane, 3,6-dim...	10.80	55.9	ng	2500970	4	11.38	894502	20.0
Heptadecane, 2,6,...	11.26	33.7	ng	1505750	4	11.38	894502	20.0