LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	480	484	490	rBV2	388571	462008	13.21%	0.487%
2	5.384	511	518	520	rBV2	199482	307451	8.79%	0.324%
3	5.595	551	554	561	rBV	718273	1026318	29.35%	1.082%
4	5.725	573	576	582	rVB2	183279	290002	8.29%	0.306%
5	5.819	587	592	594	rBV	224729	249398	7.13%	0.263%
6	5.984	611	620	623	rBV3	392611	625031	17.88%	0.659%
7	6.019	623	626	633	rBV2	238866	355058	10.15%	0.374%
8	6.119	641	643	645	rVB	394302	316401	9.05%	0.334%
9	6.195	651	656	657	rBV	1089512	1105296	31.61%	1.166%
10	6.248	663	665	668	rVB	699987	637426	18.23%	0.672%
11	6.384	684	688	692	rBV3	445451	739056	21.14%	0.779%
12	6.442	696	698	702	rVB	688721	543146	15.53%	0.573%
13	6.489	702	706	712	rBV3	959892	1307331	37.39%	1.379%
14	6.601	722	725	727	rBV	651437	599605	17.15%	0.632%
15	6.625	727	729	731	rVV	498993	441946	12.64%	0.466%
16	6.648	731	733	736	rVB2	237773	231242	6.61%	0.244%
17	6.689	736	740	745	rBV4	496728	911472	26.07%	0.961%
18	6.736	745	748	753	rVV	2333123	2515653	71.95%	2.653%
19	6.783	753	756	759	rVV2	595206	737967	21.11%	0.778%
20	6.807	759	760	763	rVB2	443925	331737	9.49%	0.350%
21	6.866	767	770	772	rBV3	290087	358365	10.25%	0.378%
22	6.907	774	777	779	rBV3	499797	567369	16.23%	0.598%
23	6.954	782	785	789	rVV2	1918792	2074586	59.33%	2.188%
24	7.013	789	795	797	rVV2	1061306	1271525	36.36%	1.341%
25	7.054	797	802	806	rVV3	533451	701970	20.08%	0.740%
26	7.089	806	808	810	rVV2	945368	1020564	29.19%	1.076%
27	7.119	810	813	820	rVB	2376458	2891997	82.71%	3.050%
28	7.172	820	822	824	rBV	449596	346563	9.91%	0.366%
29	7.201	824	827	828	rBV	642627	525196	15.02%	0.554%
30	7.219	828	830	834	rVB2	961216	932519	26.67%	0.984%
31	7.295	840	843	845	rVB	487667	424892	12.15%	0.448%
32	7.348	849	852	855	rBV2	1128750	1173590	33.56%	1.238%
33	7.378	855	857	861	rVB3	487275	546222	15.62%	0.576%
34	7.419	861	864	866	rBV2	705176	752045	21.51%	0.793%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.442	866	868	870	rVB	390204	294316	8.42%	0.310%
36	7.489	870	876	879	rBV3	1701449	2272975	65.01%	2.397%
37	7.531	879	883	886	rBV2	1953696	2219886	63.49%	2.341%
38	7.595	889	894	897	rVB5	1028577	1592305	45.54%	1.679%
39	7.642	897	902	907	rBV4	1121671	1729950	49.48%	1.825%
40	7.695	907	911	913	rBV5	265813	388972	11.12%	0.410%
41	7.725	913	916	918	rVV	1384220	1238709	35.43%	1.306%
42	7.748	918	920	927	rVB3	1043434	1955869	55.94%	2.063%
43	7.825	929	933	934	rBV2	520048	559197	15.99%	0.590%
44	7.848	935	937	939	rVV	842563	708215	20.25%	0.747%
45	7.878	939	942	951	rVB6	906894	1474258	42.16%	1.555%
46	7.978	955	959	961	rBV	1416096	1408356	40.28%	1.485%
47	8.001	961	963	967	rVB	796581	738793	21.13%	0.779%
48	8.048	967	971	974	rBV2	1005186	1400810	40.06%	1.477%
49	8.078	974	976	978	rBV	329758	266590	7.62%	0.281%
50	8.101	978	980	983	rVB	986367	916517	26.21%	0.967%
51	8.136	983	986	988	rBV3	380668	475125	13.59%	0.501%
52	8.166	988	991	992	rVV3	335048	318358	9.10%	0.336%
53	8.183	992	994	996	rVV2	633954	586804	16.78%	0.619%
54	8.225	998	1001	1003	rVV2	894075	1146535	32.79%	1.209%
55	8.248	1003	1005	1009	rVV2	1156278	1893520	54.15%	1.997%
56	8.283	1009	1011	1014	rVB	3102268	2807405	80.29%	2.961%
57	8.319	1014	1017	1022	rBV3	924173	1258247	35.98%	1.327%
58	8.383	1025	1028	1031	rBV3	337026	437613	12.52%	0.462%
59	8.413	1031	1033	1034	rVV2	288828	231757	6.63%	0.244%
60	8.436	1034	1037	1042	rVB	1306041	1263091	36.12%	1.332%
61	8.483	1042	1045	1048	rBV3	630565	778291	22.26%	0.821%
62	8.519	1048	1051	1056	rVB4	1285097	1652632	47.26%	1.743%
63	8.619	1064	1068	1070	rBV3	430886	568568	16.26%	0.600%
64	8.648	1070	1073	1075	rBV	2620636	2100615	60.08%	2.216%
65	8.672	1075	1077	1080	rVB3	597264	533981	15.27%	0.563%
66	8.742	1086	1089	1091	rBV	1239867	1092408	31.24%	1.152%
67	8.772	1091	1094	1096	rVV2	560576	575572	16.46%	0.607%
68	8.795	1096	1098	1100	rVV2	292439	242992	6.95%	0.256%
69	8.901	1114	1116	1124	rVB3	1202604	1826514	52.24%	1.926%
70	8.977	1127	1129	1132	rVB2	410799	377141	10.79%	0.398%
71	9.013	1132	1135	1140	rBV4	515328	800909	22.91%	0.845%

LSC Area Percent Report

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Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.060	1140	1143	1148	rBV2	1189244	1357352	38.82%	1.432%
73	9.136	1153	1156	1159	rVB2	824922	881160	25.20%	0.929%
74	9.177	1160	1163	1166	rBV4	446853	599037	17.13%	0.632%
75	9.248	1171	1175	1177	rBV	2529494	2001505	57.24%	2.111%
76	9.319	1183	1187	1190	rBV	2892165	2861888	81.85%	3.018%
77	9.389	1195	1199	1202	rBV	1281374	1222927	34.97%	1.290%
78	9.495	1215	1217	1221	rVB4	344219	324162	9.27%	0.342%
79	9.572	1227	1230	1231	rBV	291493	286811	8.20%	0.303%
80	9.660	1242	1245	1247	rBV	347489	322947	9.24%	0.341%
81	9.701	1249	1252	1256	rVB2	2708280	2646382	75.68%	2.791%
82	9.860	1276	1279	1281	rBV3	405380	357149	10.21%	0.377%
83	9.907	1285	1287	1289	rVV2	362176	257207	7.36%	0.271%
84	9.948	1292	1294	1297	rBV3	292335	319430	9.14%	0.337%
85	9.977	1297	1299	1301	rVV2	353710	264120	7.55%	0.279%
86	10.001	1301	1303	1308	rVB	688106	740299	21.17%	0.781%
87	10.172	1330	1332	1334	rVB	316985	225568	6.45%	0.238%
88	10.242	1340	1344	1353	rVB5	434251	797158	22.80%	0.841%
89	10.313	1353	1356	1360	rBV5	236079	336512	9.62%	0.355%
90	10.348	1360	1362	1367	rVB4	246848	286843	8.20%	0.303%
91	10.401	1369	1371	1374	rVB2	234041	226179	6.47%	0.239%
92	10.630	1406	1410	1413	rVB	815501	802728	22.96%	0.847%
93	10.801	1435	1439	1446	rBV	1846387	2213078	63.29%	2.334%
94	10.895	1451	1455	1463	rVB	1126100	1193625	34.14%	1.259%
95	11.360	1531	1534	1541	rVB	304026	319944	9.15%	0.337%
96	11.501	1554	1558	1569	rVB	725108	942966	26.97%	0.995%
97	13.083	1823	1827	1844	rBV	3071370	3496599	100.00%	3.688%
98	13.960	1973	1976	1982	rVB	213582	225101	6.44%	0.237%
99	14.154	2005	2009	2020	rVV	682642	968946	27.71%	1.022%
100	15.689	2265	2270	2282	rVB	513289	881152	25.20%	0.929%

Sum of corrected areas: 94813518

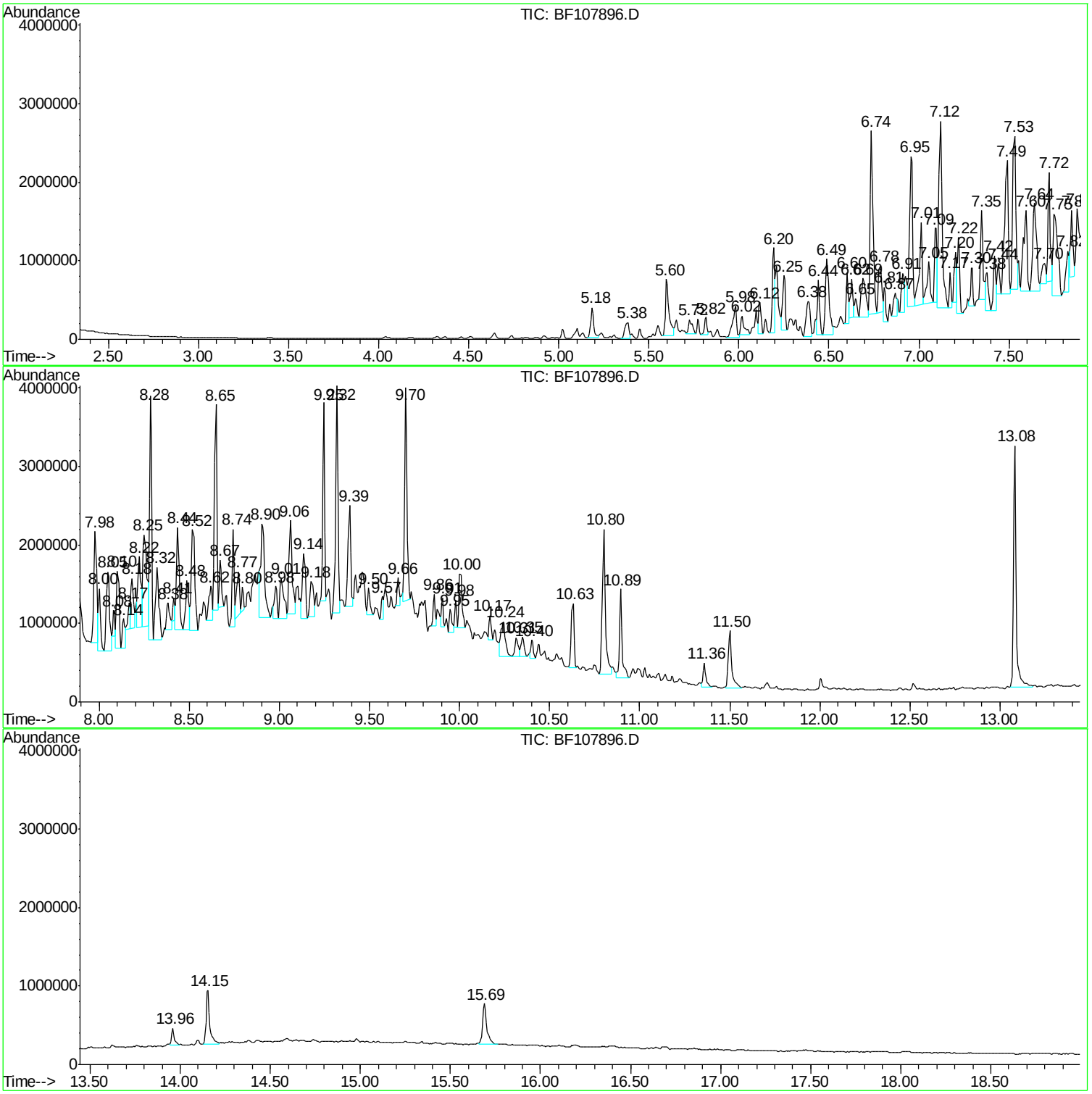
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

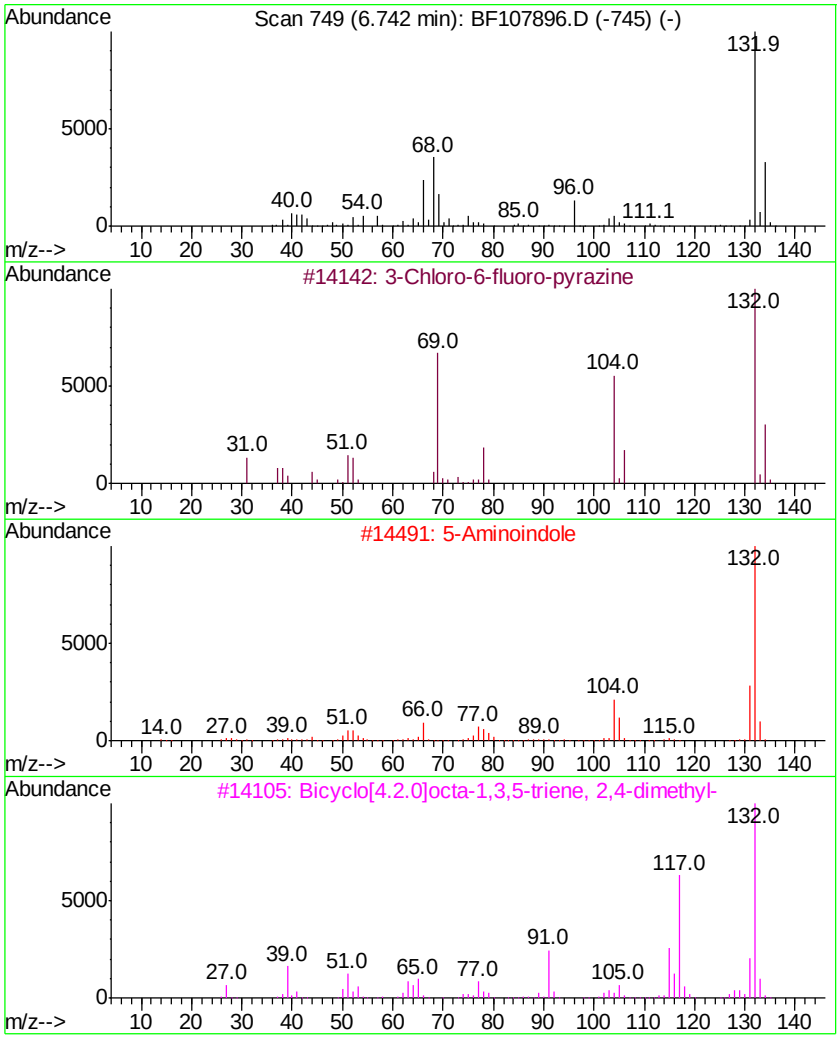
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

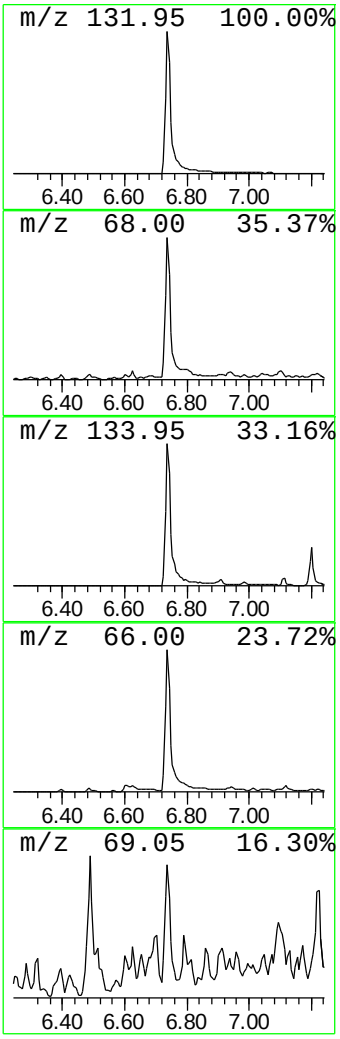
****

Peak Number 1 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	24.25 ng	2515650	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

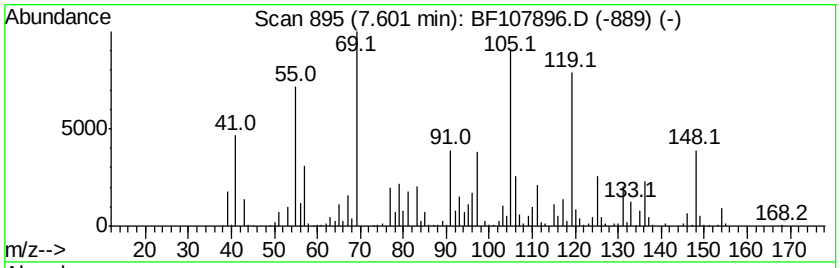
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

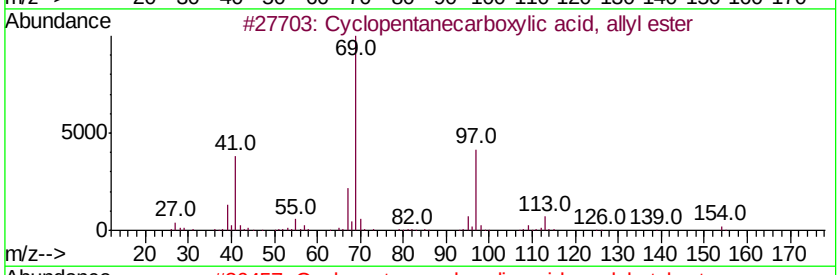
****

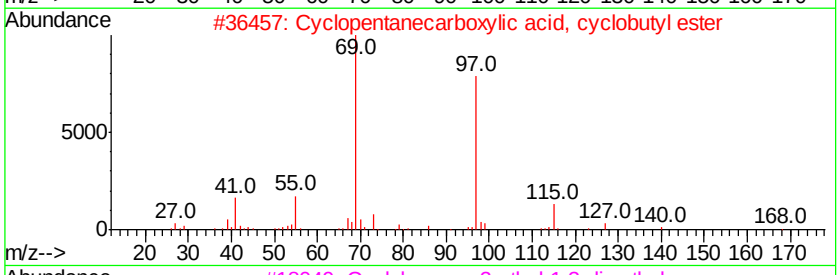
Peak Number 3 unknown7.60 Concentration Rank 16

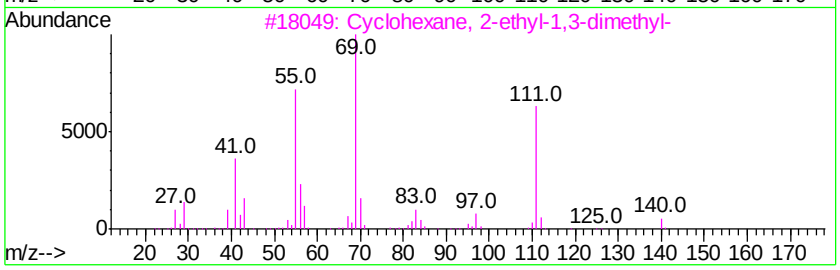
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	15.35 ng	1592310	1,4-Dichlorobenzene-d4	6.97

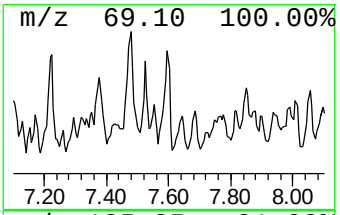
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, all...	154	C9H14O2	178905-33-4	38
2	Cyclopentanecarboxylic acid, cyc...	168	C10H16O2	1000282-76-8	38
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27
4	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	25
5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	22

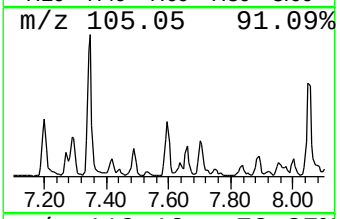


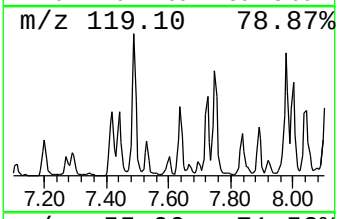


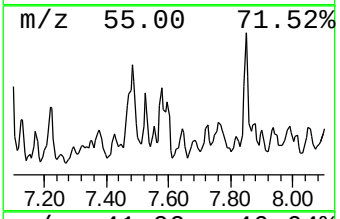


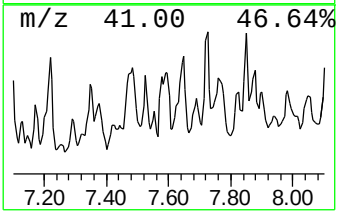












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

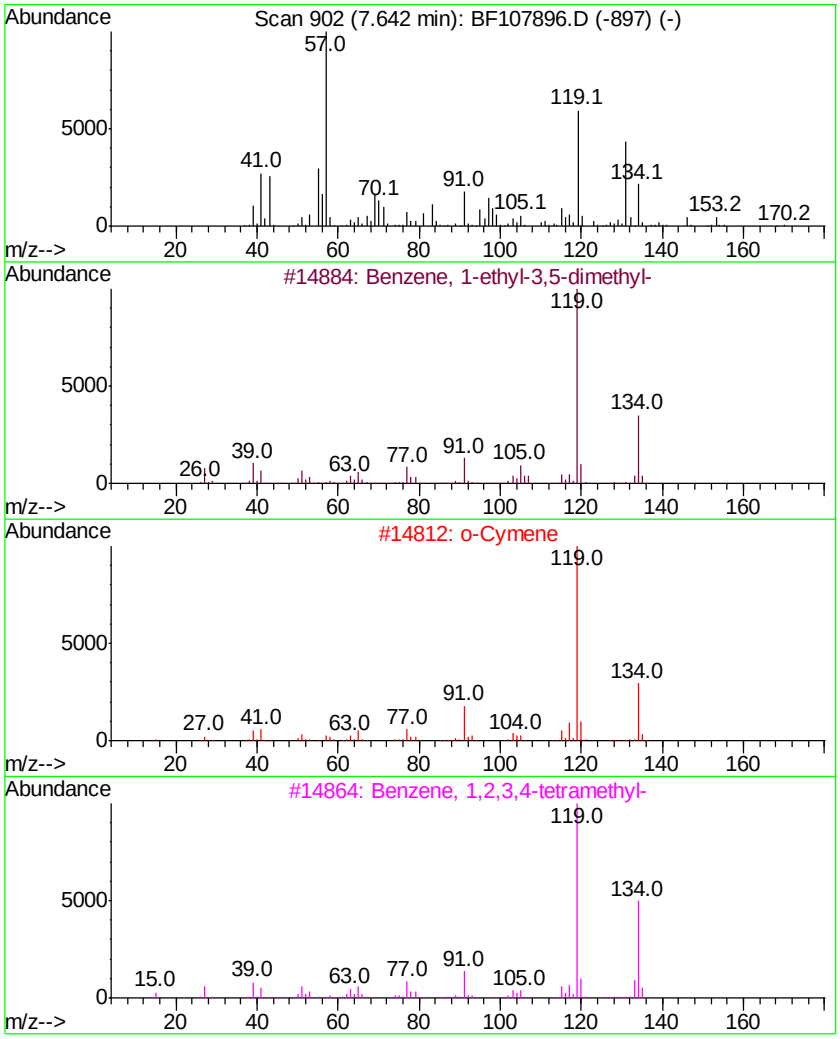
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

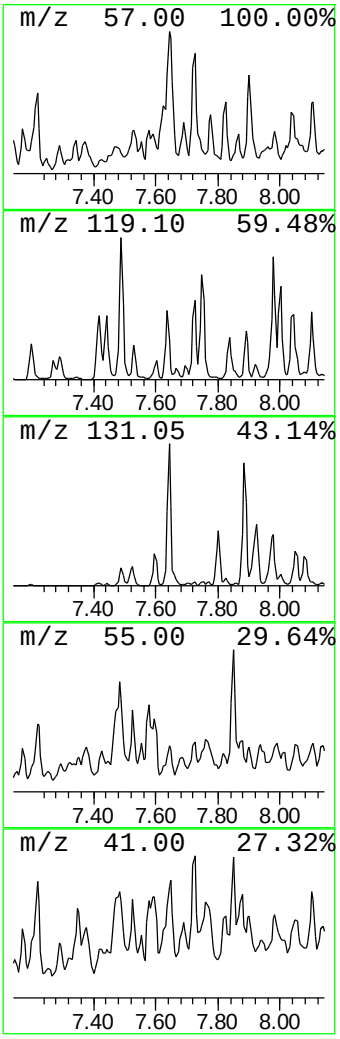
****

Peak Number 4 unknown7.64 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	18.27 ng	1729950	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	30
2	o-Cymene	134	C10H14	000527-84-4	30
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	30
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	30
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

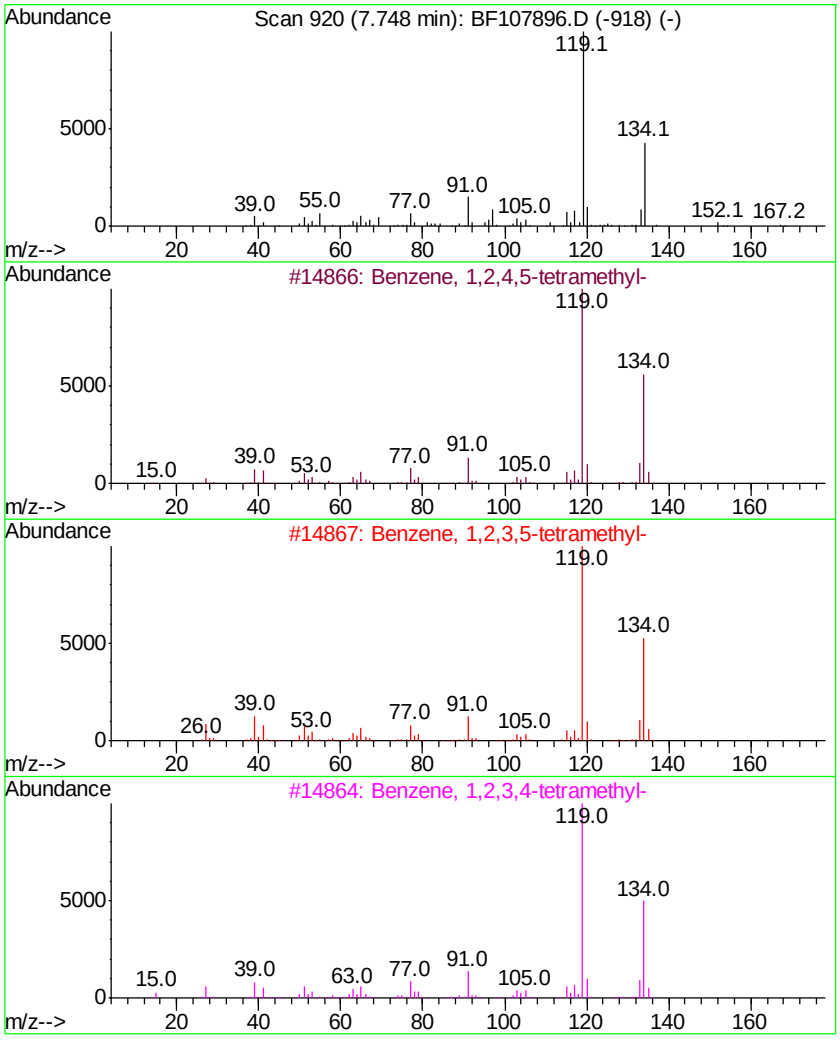
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

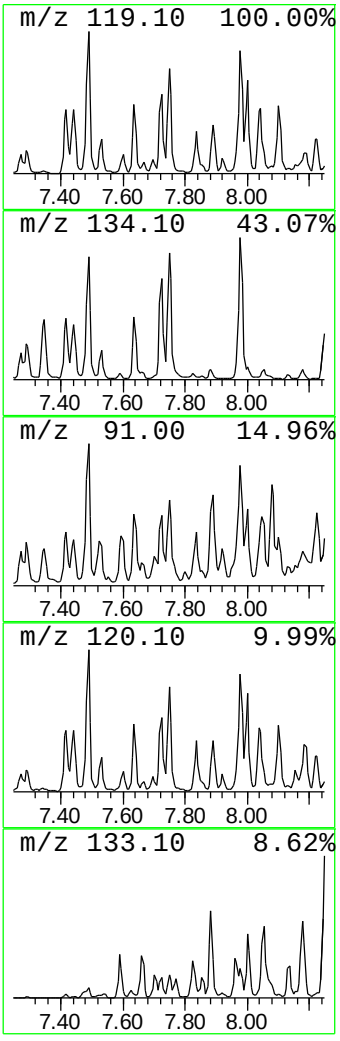
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	20.66 ng	1955870	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90





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Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

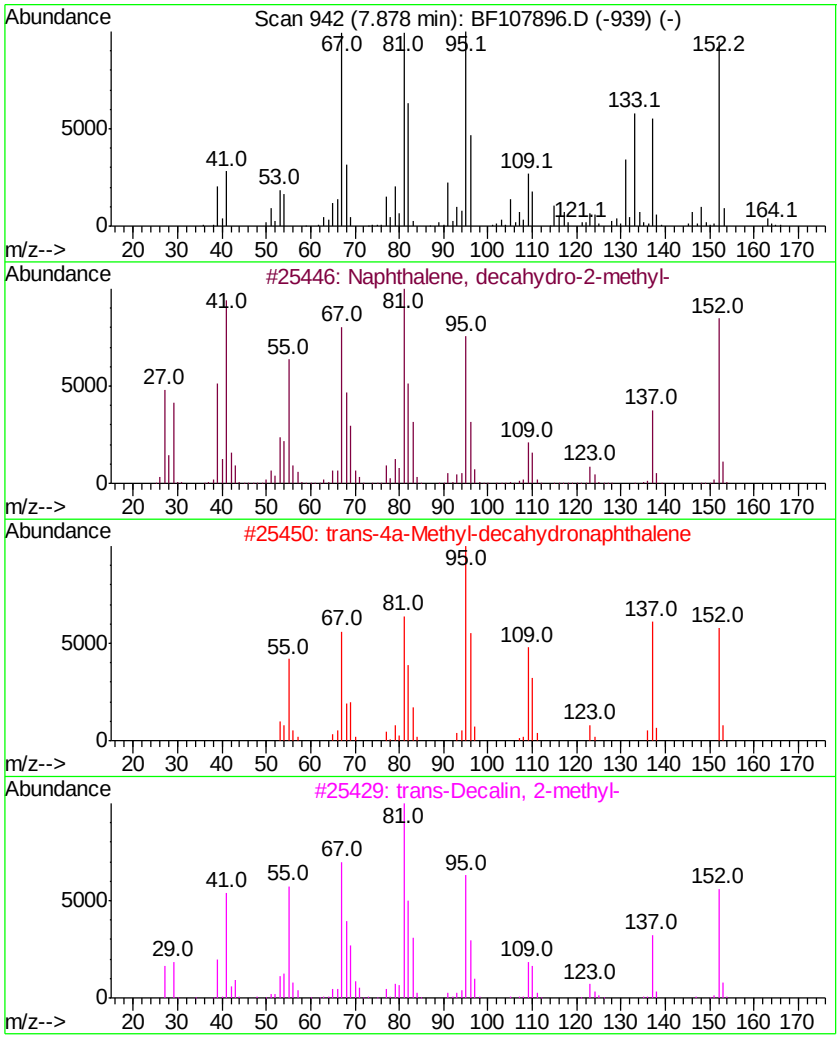
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

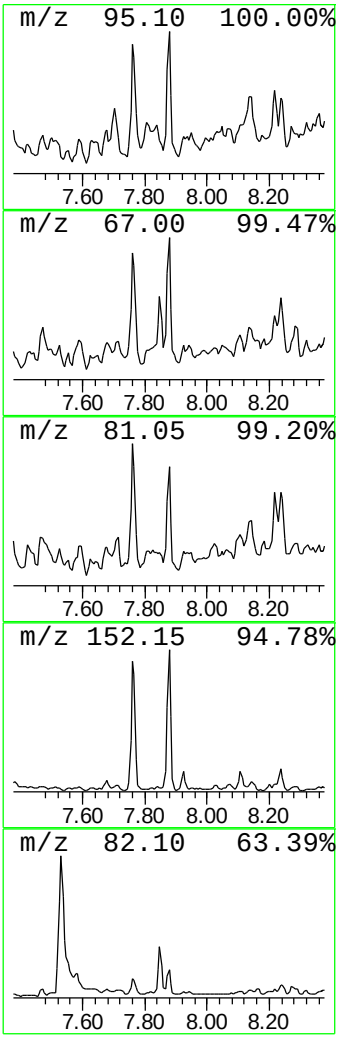
****

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	15.57 ng	1474260	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	74
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
4	3,4-Dimethoxytoluene	152	C9H12O2	000494-99-5	53
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	49





Library Search Compound Report

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Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

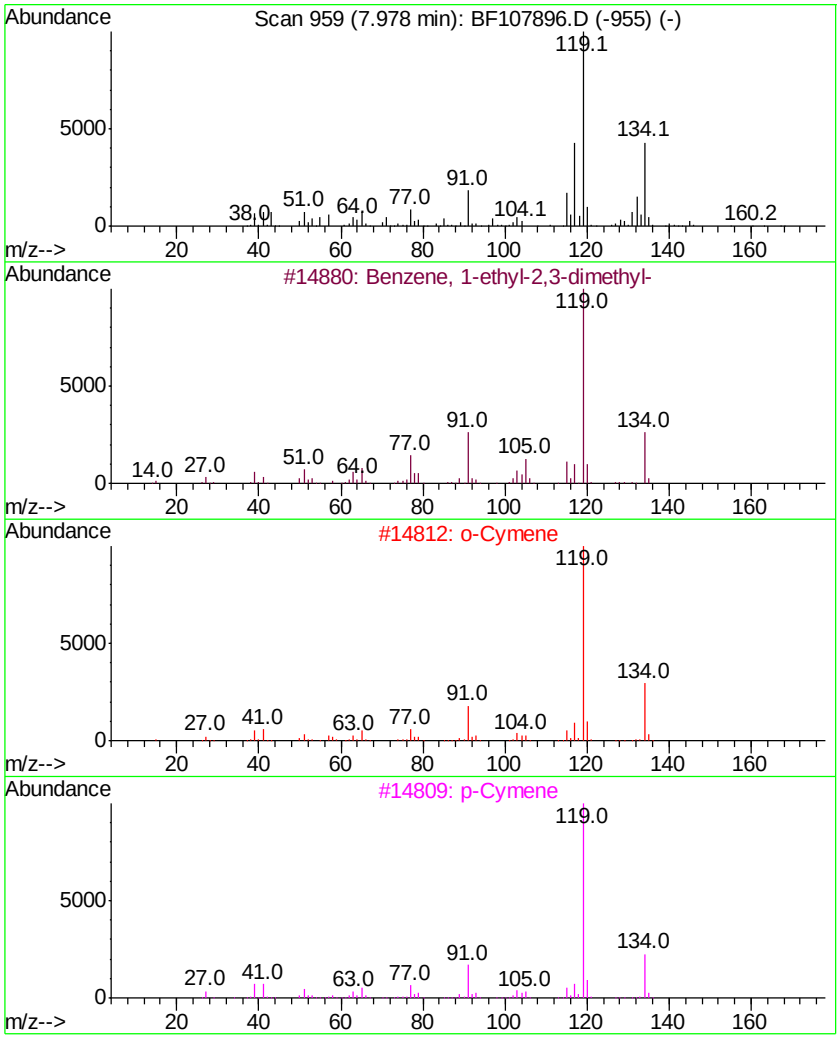
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

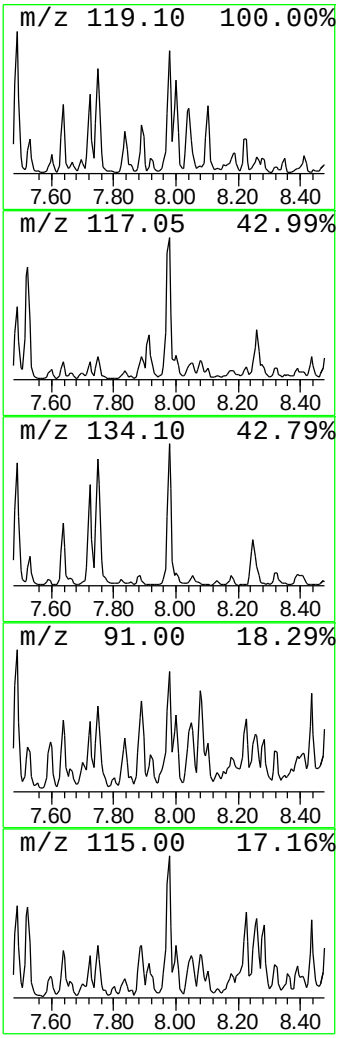
****

Peak Number 7 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	14.88 ng	1408360	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	p-Cymene	134	C10H14	000099-87-6	62
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	62
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	62





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Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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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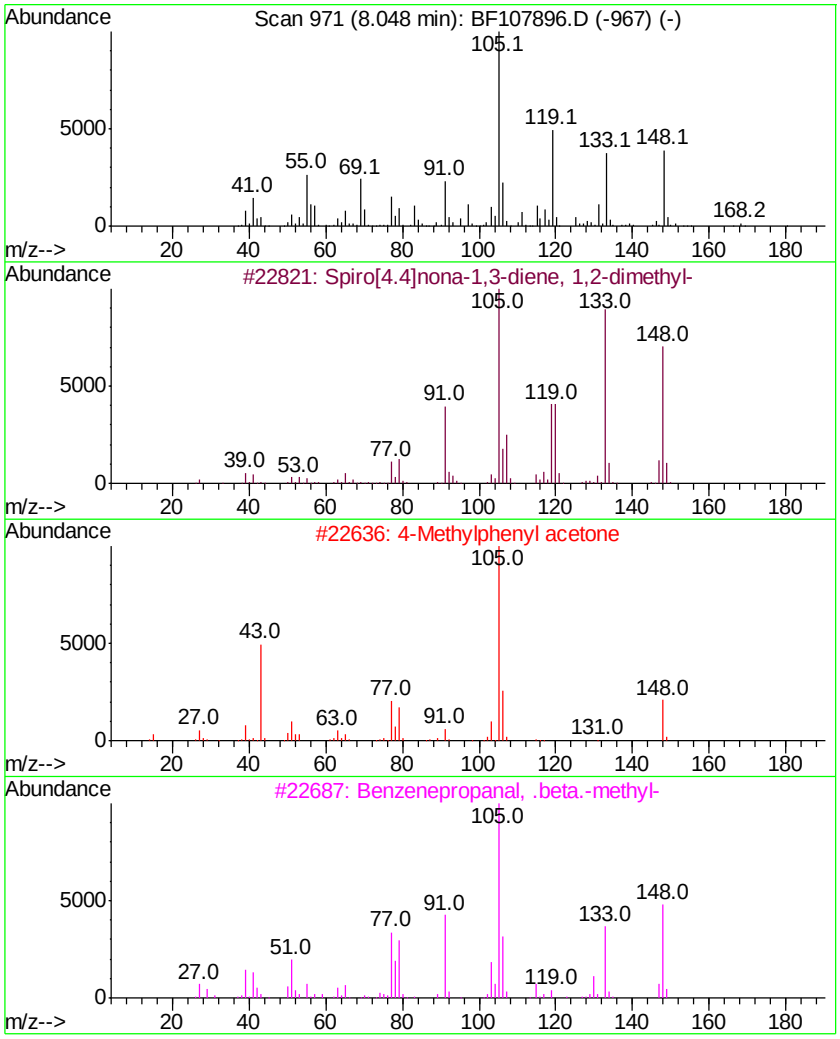
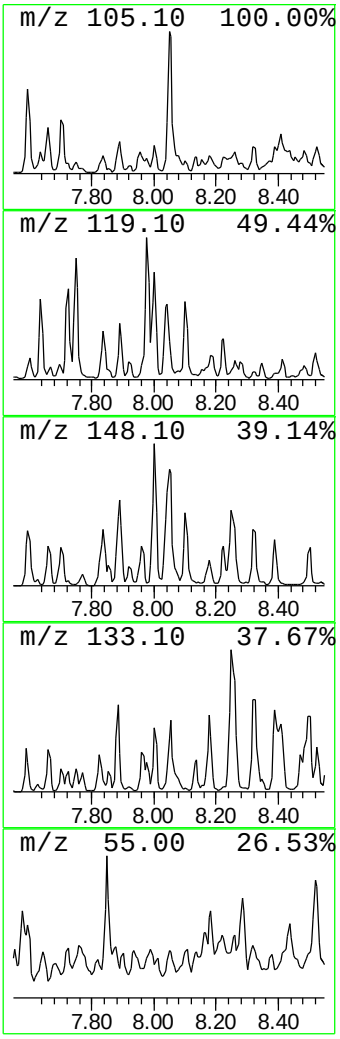
Peak Number 8 Spiro[4.4]nona-1,3-diene, 1... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	14.80 ng	1400810	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spiro[4.4]nona-1,3-diene, 1,2-di...	148	C11H16	1000163-57-6	50
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	49
4	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	49
5	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	46





Library Search Compound Report

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Operator : JU/SJ
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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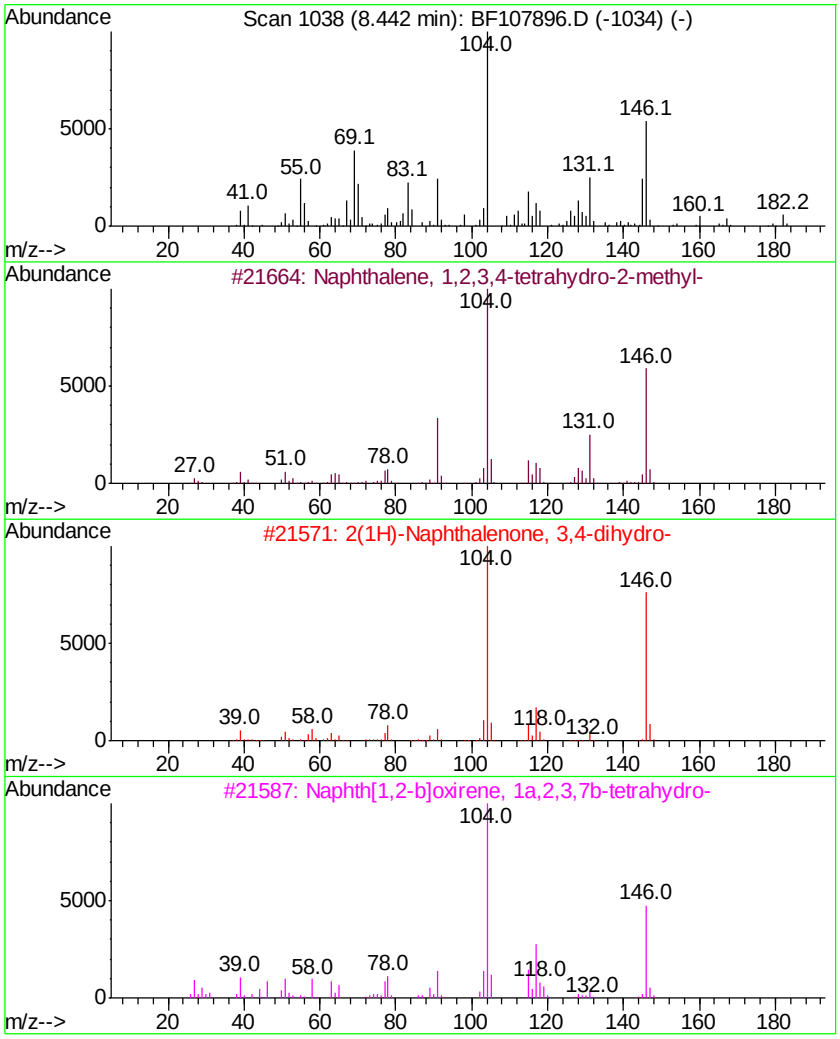
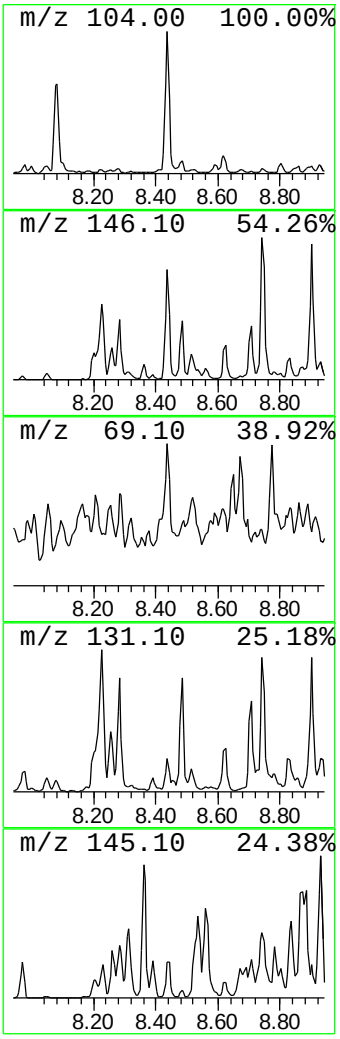
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	13.34 ng	1263090	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	70
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	47
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	46
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	43
5	Dichloroacetic acid, 2-phenyleth...	232	C10H10Cl2O2	209982-02-5	27





Library Search Compound Report

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Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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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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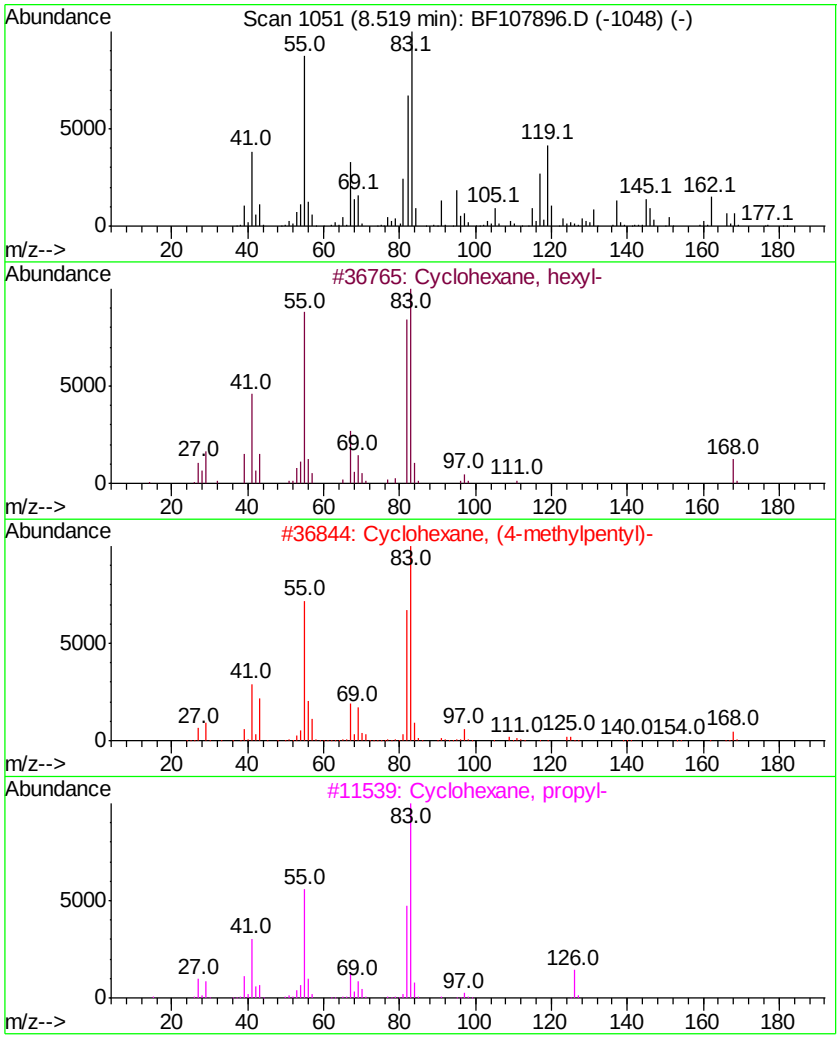
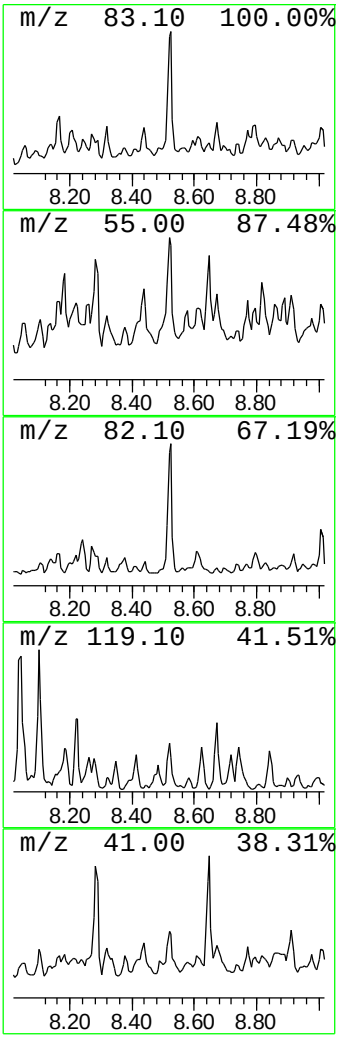
Peak Number 10 Cyclohexane, hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	17.46 ng	1652630	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	50
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	38
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	38
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	38





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Instrument : BNA_F
ClientSampleId : MW-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

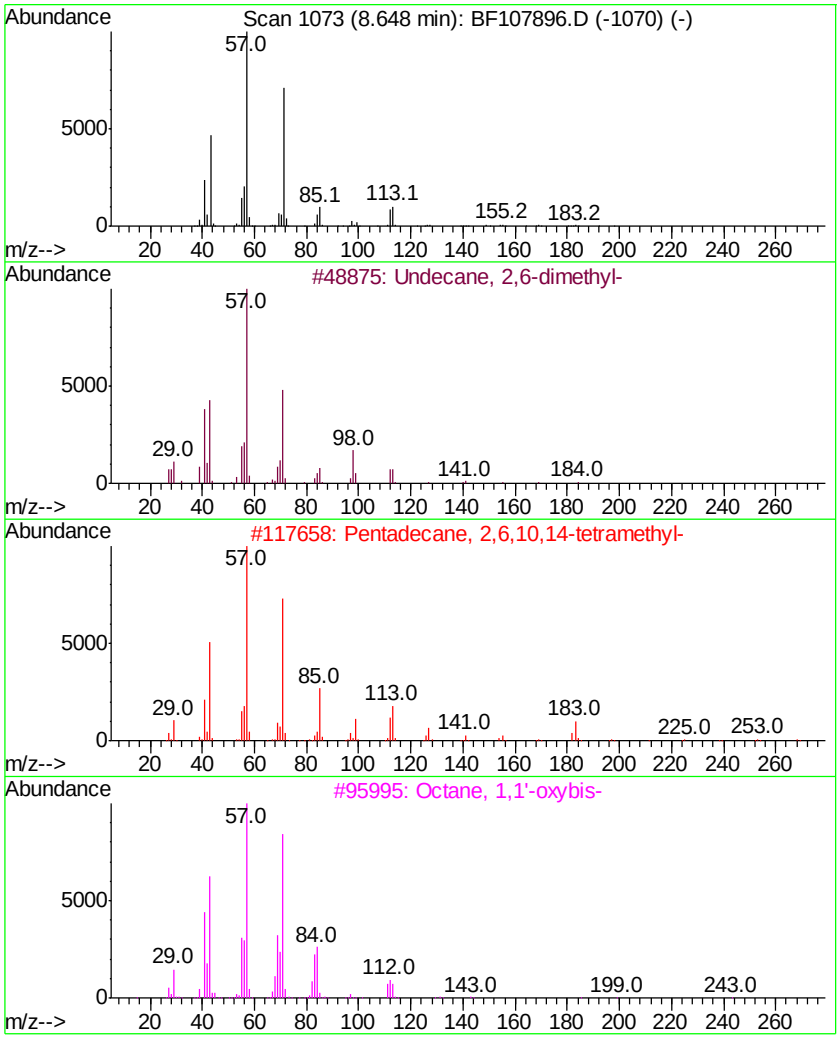
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

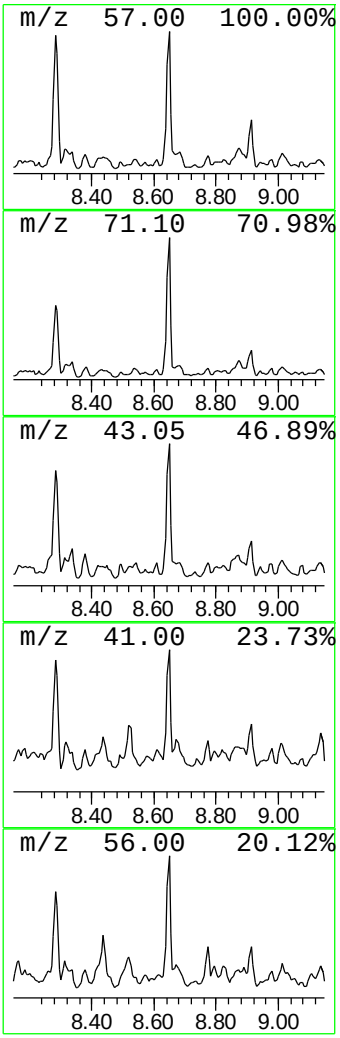
****

Peak Number 11 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	22.19 ng	2100620	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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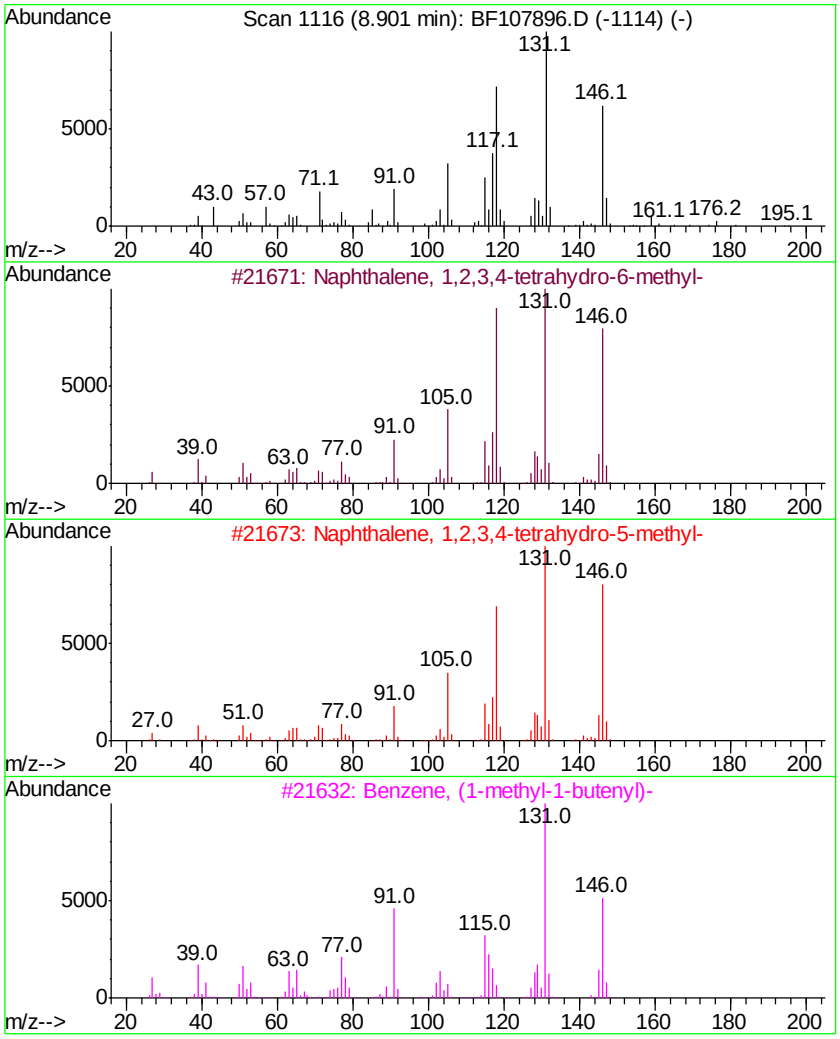
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

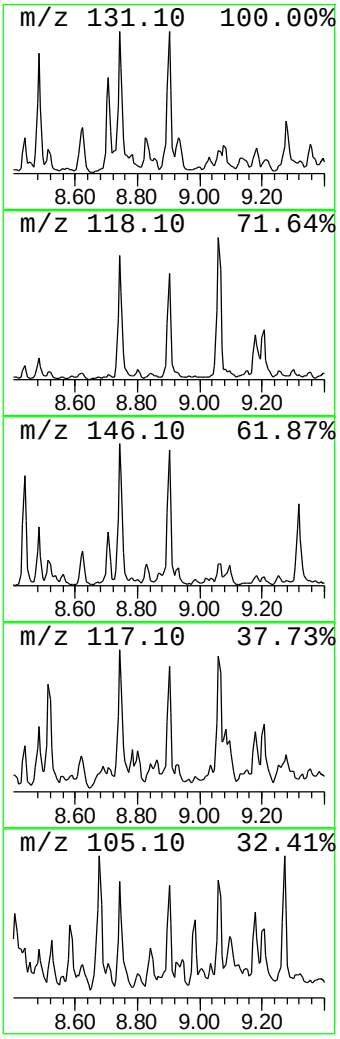
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	19.29 ng	1826510	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	70
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	64





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	14.34 ng	1357350	Naphthalene-d8	8.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	46
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	46
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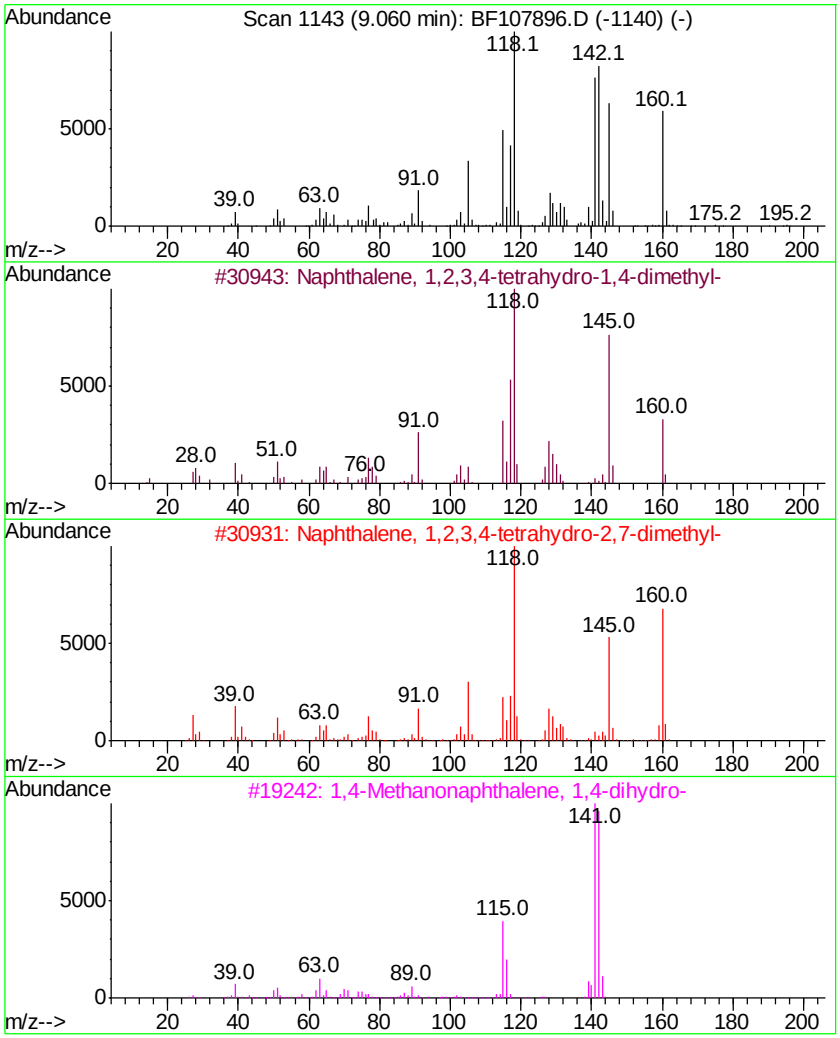

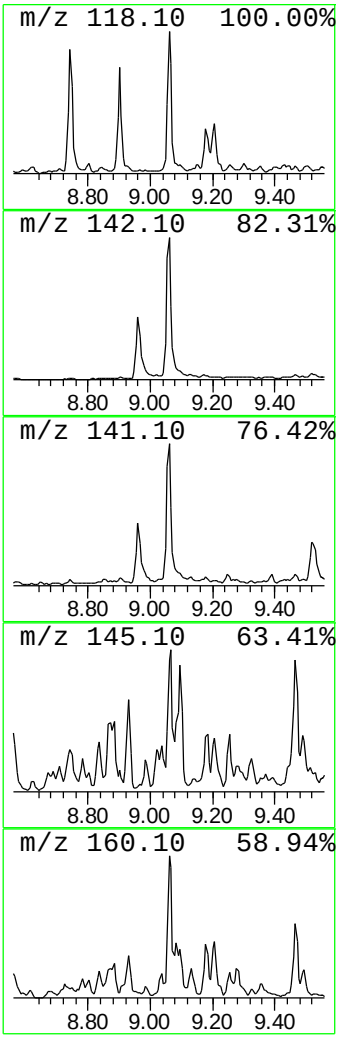

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Instrument : BNA_F
ClientSampleId : MW-09

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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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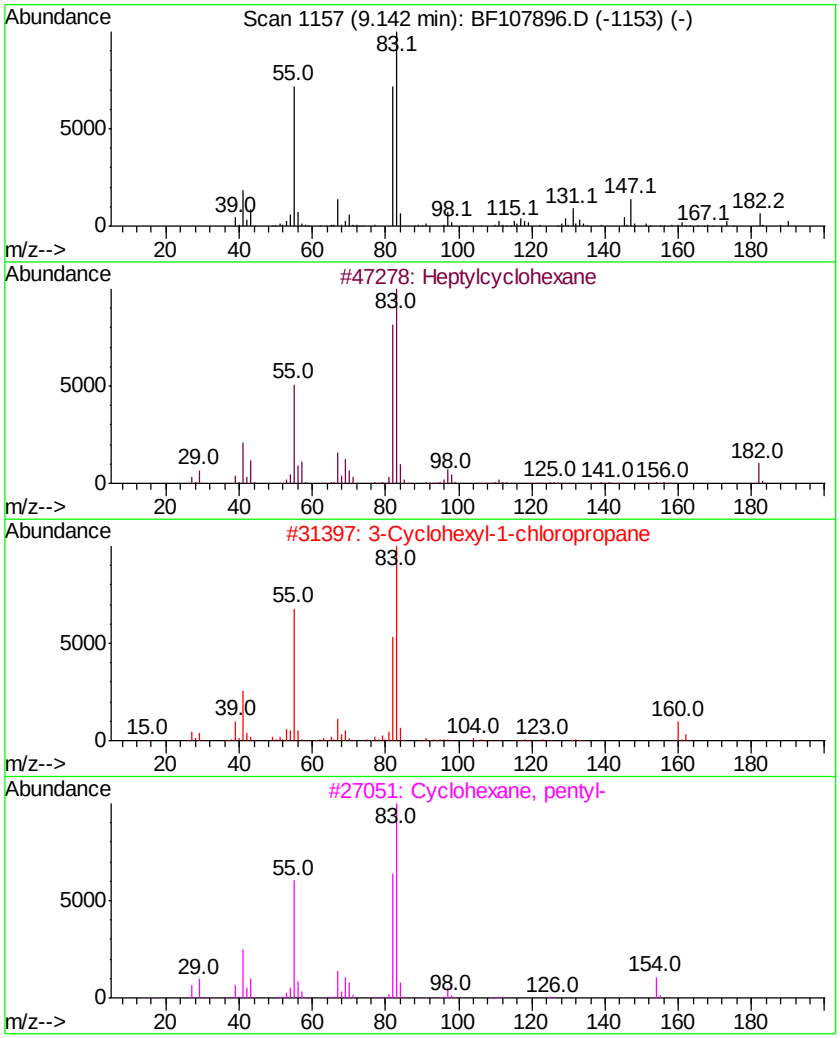
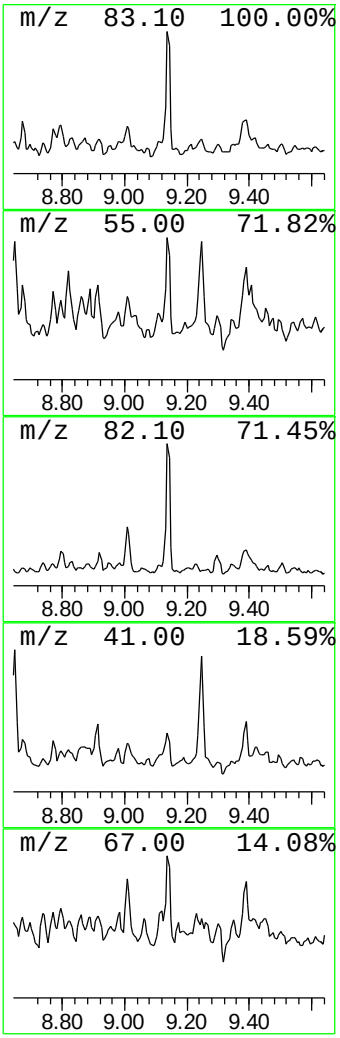
Peak Number 14 Heptylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	23.81 ng	881160	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	76
2	3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	68
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	53
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





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Instrument : BNA_F
ClientSampleId : MW-09

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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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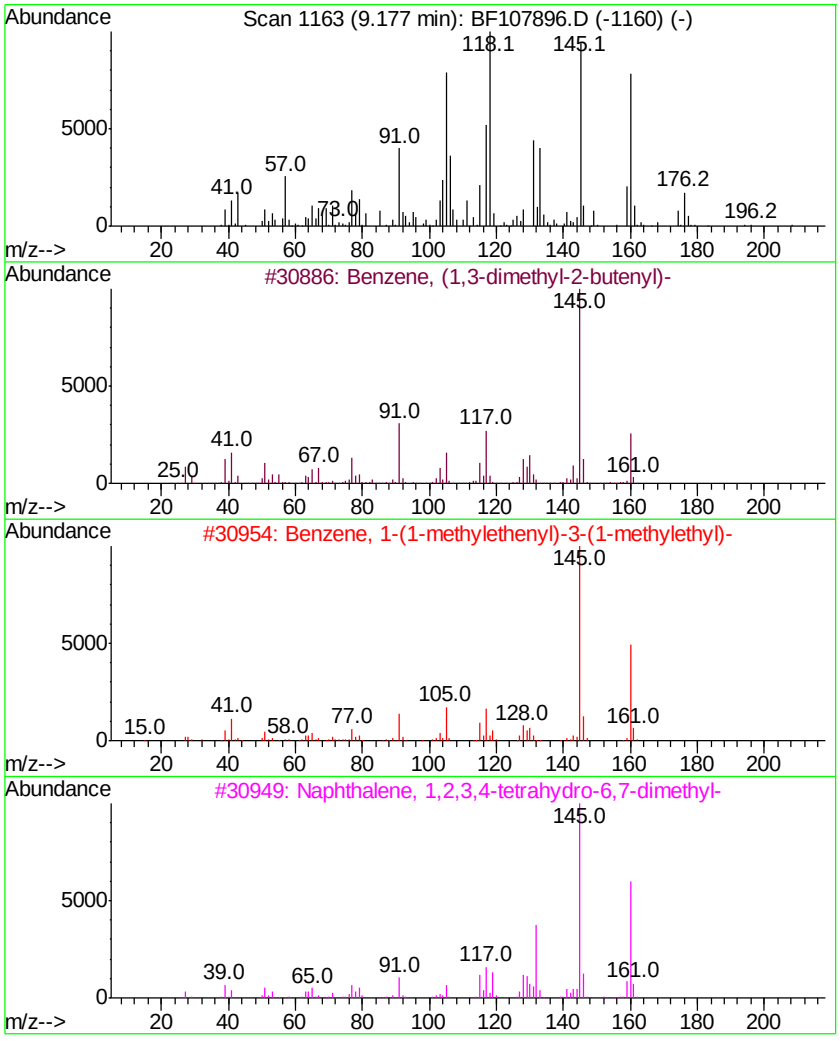
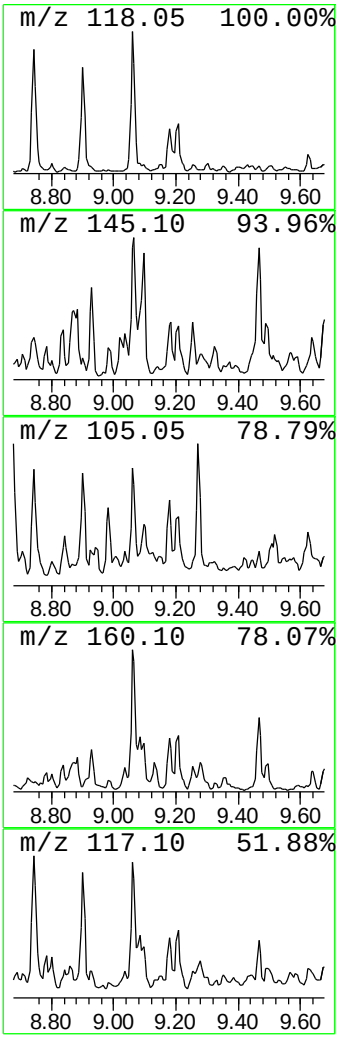
Peak Number 15 unknown9.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	16.18 ng	599037	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	41
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	35
4	5-Isopropyl-2-methylphenethyl ac...	220	C14H20O2	027913-43-5	35
5	4-(Imidazol-1-yl)phenol	160	C9H8N2O	010041-02-8	30





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

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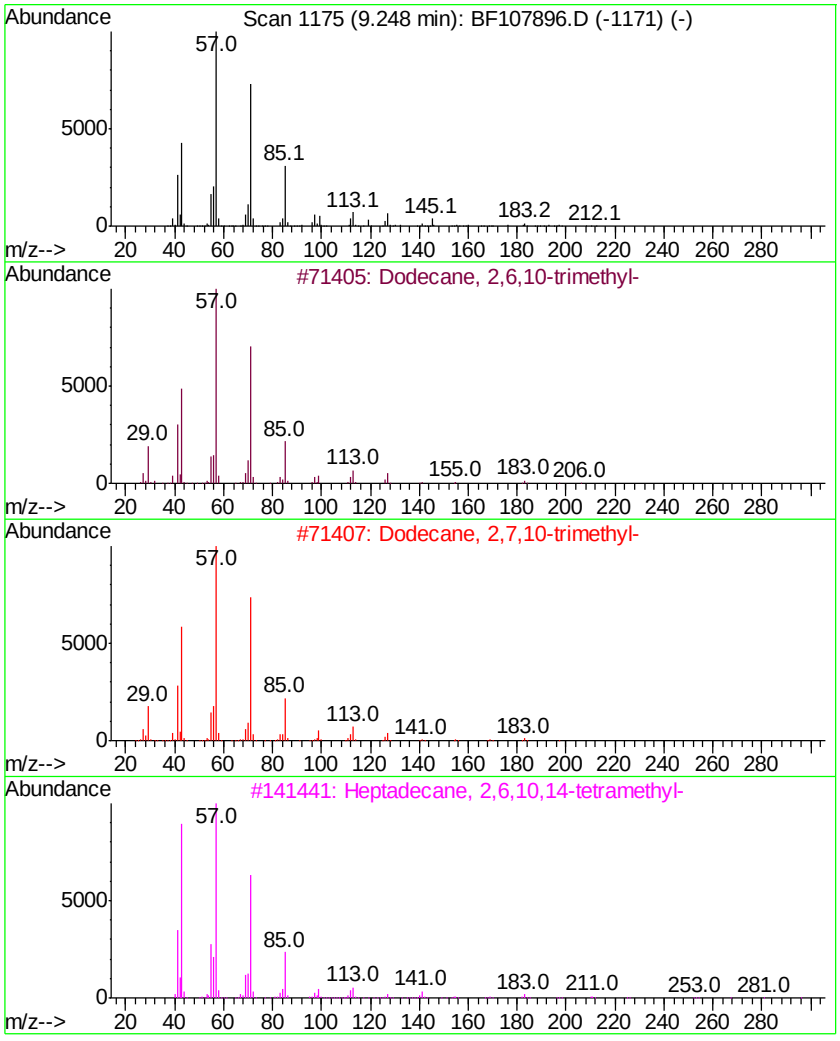
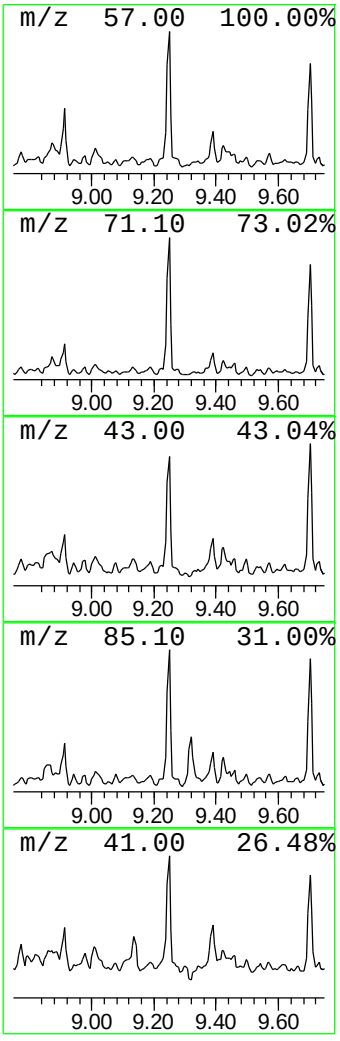
Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	54.07 ng	2001510	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

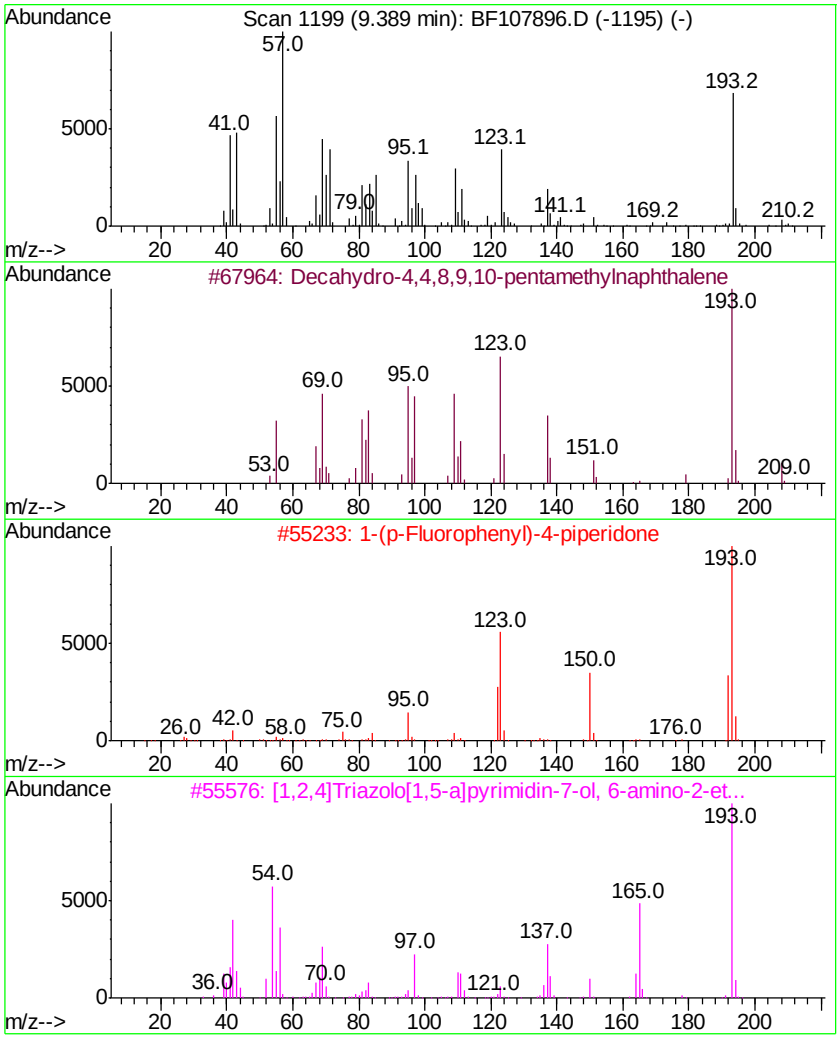
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

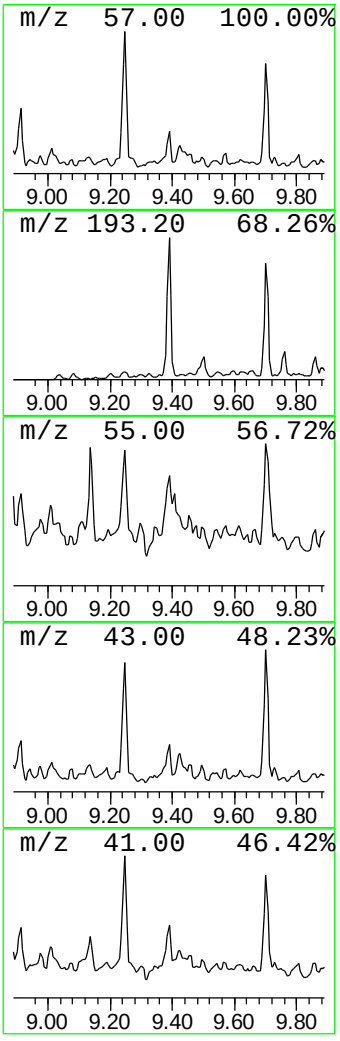
****

Peak Number 17 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	33.04 ng	1222930	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	62
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
3	[1,2,4]Triazolo[1,5-a]pyrimidin-...	193	C8H11N5O	1000351-50-1	25
4	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	25
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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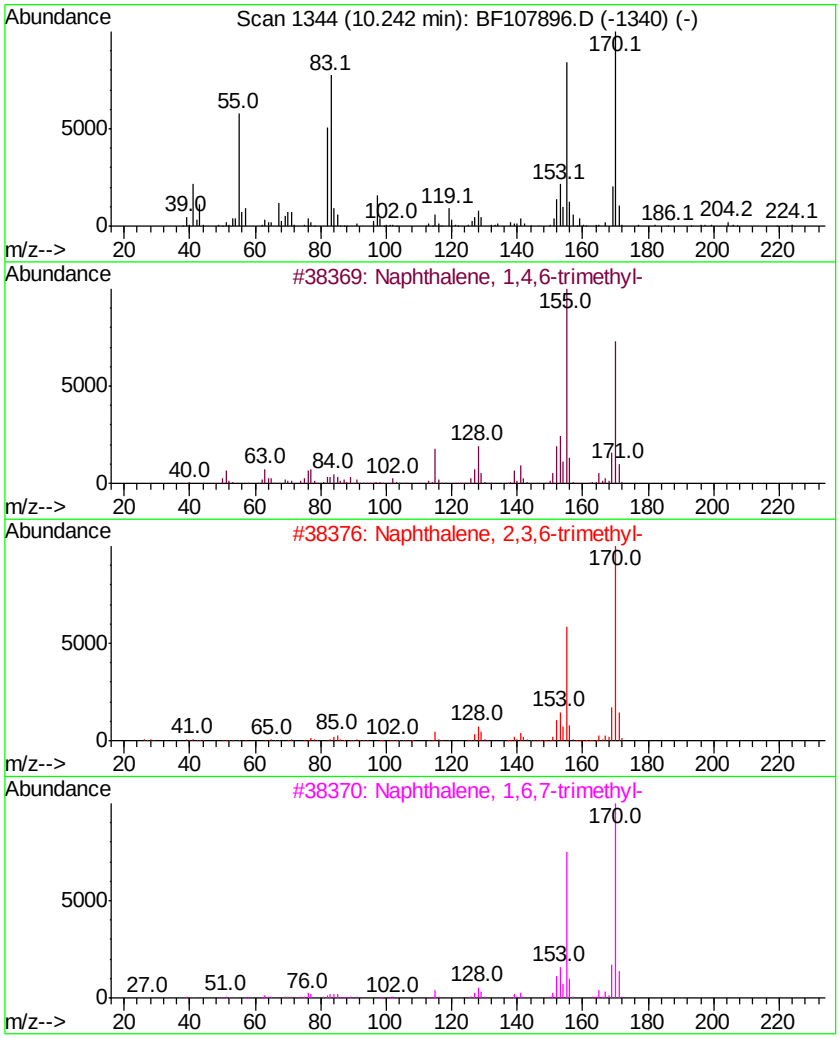
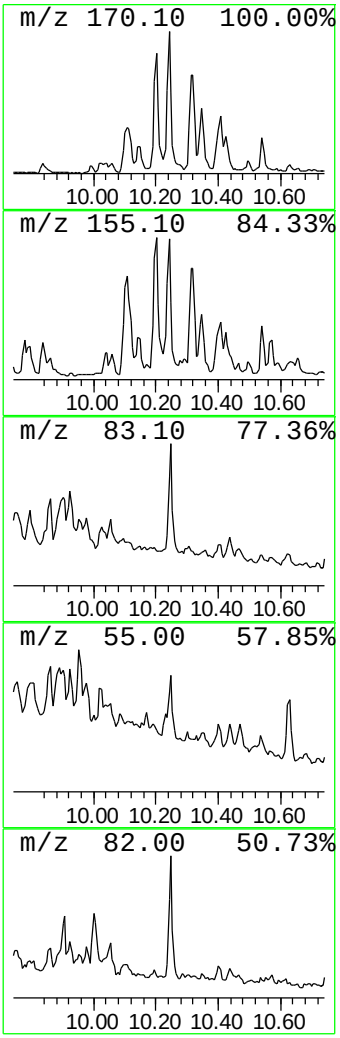
Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	21.54 ng	797158	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	78
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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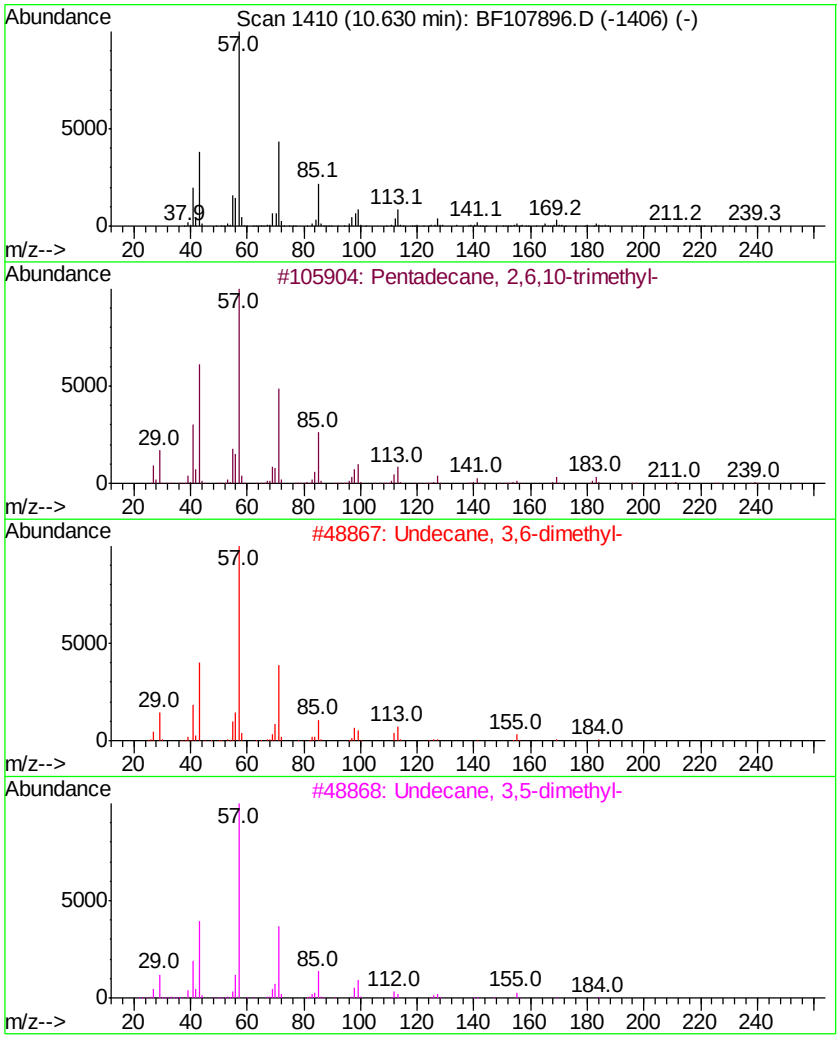
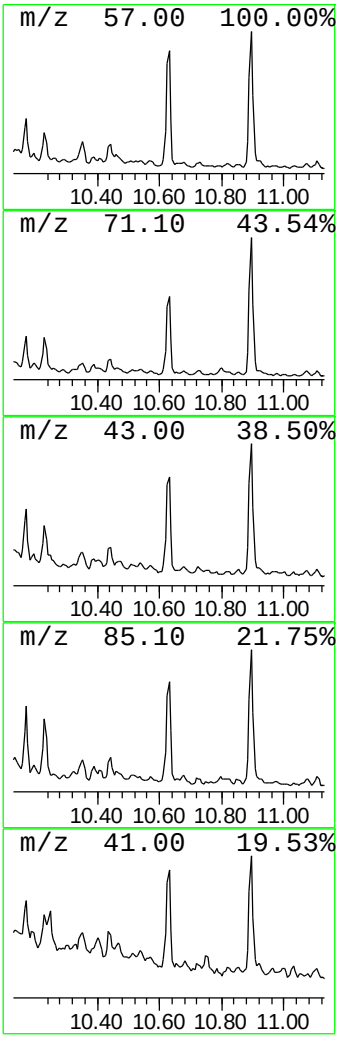
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	21.69 ng	802728	Acenaphthene-d10	10.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
4	Heneicosane	296	C21H44	000629-94-7	80
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-09

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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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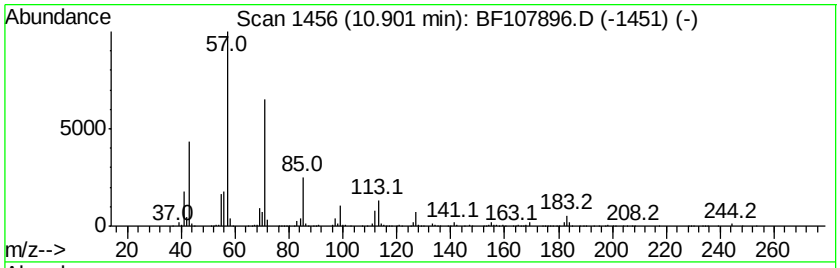
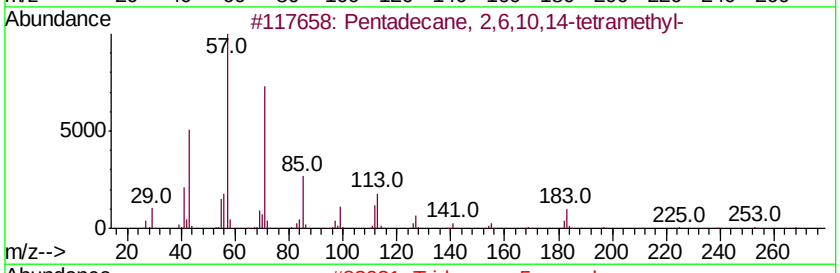
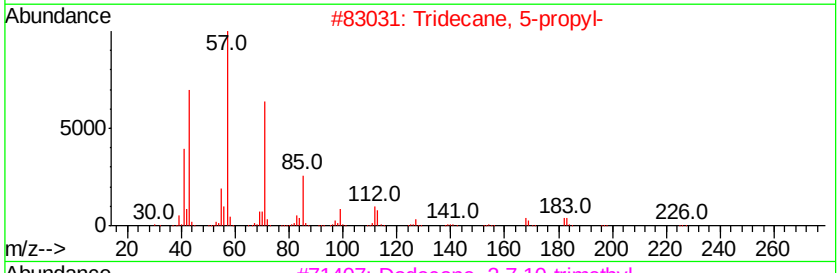
Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 4

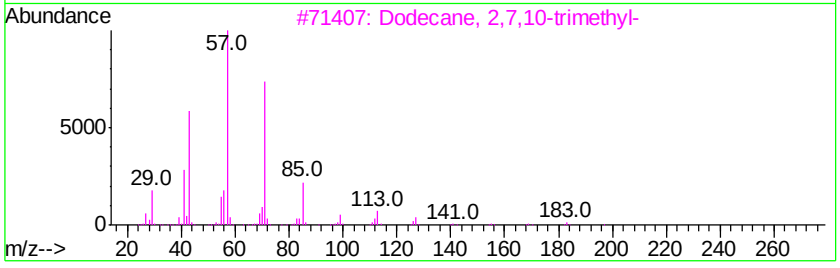
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	25.32 ng	1193630	Phenanthrene-d10	11.50

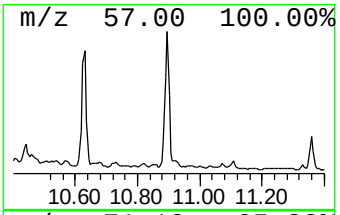
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	74

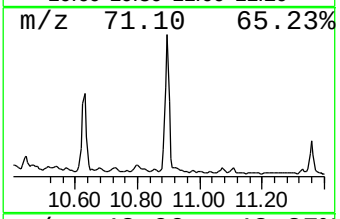


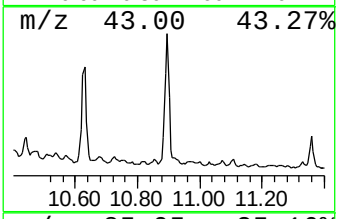


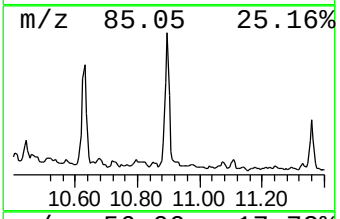


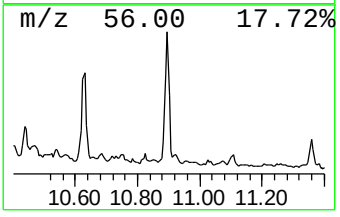












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080118\
Data File : BF107896.D
Acq On : 1 Aug 2018 18:28
Operator : JU/SJ
Sample : J4256-09
Misc :
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Instrument : BNA_F
ClientSampleId : MW-09

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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
unknown6.74	6.74	24.3	ng	2515650	1	6.97	2074590	20.0
unknown7.60	7.60	15.4	ng	1592310	1	6.97	2074590	20.0
unknown7.64	7.64	18.3	ng	1729950	2	8.25	1893520	20.0
Benzene, 1,2,4,5-...	7.75	20.7	ng	1955870	2	8.25	1893520	20.0
Naphthalene, deca...	7.88	15.6	ng	1474260	2	8.25	1893520	20.0
Benzene, 1-ethyl-...	7.98	14.9	ng	1408360	2	8.25	1893520	20.0
Spiro[4.4]nona-1,...	8.05	14.8	ng	1400810	2	8.25	1893520	20.0
Naphthalene, 1,2,...	8.44	13.3	ng	1263090	2	8.25	1893520	20.0
Cyclohexane, hexyl-	8.52	17.5	ng	1652630	2	8.25	1893520	20.0
Undecane, 2,6-dim...	8.65	22.2	ng	2100620	2	8.25	1893520	20.0
Naphthalene, 1,2,...	8.90	19.3	ng	1826510	2	8.25	1893520	20.0
Naphthalene, 1,2,...	9.06	14.3	ng	1357350	2	8.25	1893520	20.0
Heptylcyclohexane	9.14	23.8	ng	881160	3	10.01	740299	20.0
unknown9.18	9.18	16.2	ng	599037	3	10.01	740299	20.0
Dodecane, 2,6,10-...	9.25	54.1	ng	2001510	3	10.01	740299	20.0
Decahydro-4,4,8,9...	9.39	33.0	ng	1222930	3	10.01	740299	20.0
Naphthalene, 1,4,...	10.24	21.5	ng	797158	3	10.01	740299	20.0
Pentadecane, 2,6,...	10.63	21.7	ng	802728	3	10.01	740299	20.0
Pentadecane, 2,6,...	10.90	25.3	ng	1193630	4	11.50	942966	20.0