LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

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-BF013017.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	2.213	3	11	14	rVB	1820831	6172444	43.23%	1.406%
2	2.453	29	32	36	rVB2	526294	1130870	7.92%	0.258%
3	2.910	63	72	75	rBV3	552530	2043769	14.31%	0.466%
4	3.001	75	80	82	rBV	911116	2233431	15.64%	0.509%
5	3.047	82	84	86	rVB	942684	1461711	10.24%	0.333%
6	3.104	86	89	94	rVB3	427590	1349472	9.45%	0.307%
7	3.276	96	104	110	rVB3	393750	1307406	9.16%	0.298%
8	3.493	110	123	125	rBV	2868259	9037673	63.29%	2.059%
9	3.641	129	136	139	rBV	2977312	6576029	46.05%	1.498%
10	3.721	139	143	146	rVB	1287909	2412192	16.89%	0.549%
11	3.847	149	154	158	rVB2	2429222	6398359	44.81%	1.457%
12	3.916	158	160	163	rBV2	472016	1259307	8.82%	0.287%
13	3.996	163	167	170	rVB	3436774	6911689	48.41%	1.574%
14	4.144	174	180	183	rBV	3161910	6544187	45.83%	1.491%
15	4.304	189	194	195	rBV	1280178	2308073	16.16%	0.526%
16	4.338	195	197	200	rBV	895052	1418938	9.94%	0.323%
17	4.487	207	210	213	rVB2	1537819	3197232	22.39%	0.728%
18	4.601	216	220	224	rBV2	2319796	4032713	28.24%	0.919%
19	4.693	224	228	231	rVB	1350894	2131436	14.93%	0.485%
20	4.807	235	238	239	rBV	1037339	1300412	9.11%	0.296%
21	4.921	246	248	250	rVB	1353104	1912405	13.39%	0.436%
22	5.001	250	255	259	rBV2	3575224	7579143	53.08%	1.726%
23	5.070	259	261	264	rBV	1981096	2799695	19.61%	0.638%
24	5.139	264	267	269	rVB4	875404	1419984	9.94%	0.323%
25	5.207	269	273	274	rVB2	721831	1158080	8.11%	0.264%
26	5.276	277	279	281	rBV	2193285	3437232	24.07%	0.783%
27	5.310	281	282	285	rVB2	1142289	1551157	10.86%	0.353%
28	5.379	285	288	289	rBV2	2736503	5209327	36.48%	1.187%
29	5.401	289	290	291	rVB	3286073	2254246	15.79%	0.513%
30	5.481	291	297	300	rVB2	4134695	9639644	67.51%	2.196%
31	5.539	300	302	307	rBV3	1149698	3448263	24.15%	0.785%
32	5.607	307	308	310	rVB	995297	1213590	8.50%	0.276%
33	5.653	310	312	314	rBV	1962440	3043324	21.31%	0.693%
34	5.699	314	316	317	rVB	1377749	1524078	10.67%	0.347%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.756	317	321	322	rBV2	1732526	3858202	27.02%	0.879%
36	5.790	322	324	327	rVB3	1083135	1625052	11.38%	0.370%
37	5.904	331	334	336	rVB2	2007144	3212638	22.50%	0.732%
38	5.950	336	338	342	rBV3	1815542	4012281	28.10%	0.914%
39	6.042	342	346	348	rBV2	2867768	4989760	34.95%	1.137%
40	6.087	348	350	353	rVB2	1131569	1300817	9.11%	0.296%
41	6.144	353	355	358	rBV2	3556175	6092380	42.67%	1.388%
42	6.190	358	359	361	rVB	1338016	1295274	9.07%	0.295%
43	6.327	368	371	374	rBV3	2843475	6771652	47.42%	1.542%
44	6.396	374	377	378	rVB2	3624532	4303254	30.14%	0.980%
45	6.430	378	380	383	rVB2	4006430	5325757	37.30%	1.213%
46	6.487	383	385	391	rVB2	3505900	5863573	41.06%	1.336%
47	6.579	391	393	396	rVB3	1756336	3390744	23.75%	0.772%
48	6.670	396	401	405	rBV4	2803144	7174458	50.25%	1.634%
49	6.739	405	407	410	rBV4	971089	2145363	15.02%	0.489%
50	6.842	413	416	419	rBV2	1660688	4483096	31.40%	1.021%
51	6.922	419	423	425	rVB2	3348859	6167190	43.19%	1.405%
52	6.967	425	427	428	rBV	1392441	1865230	13.06%	0.425%
53	7.059	428	435	436	rBV2	3780635	8843826	61.94%	2.014%
54	7.093	436	438	439	rVB	4217061	5237722	36.68%	1.193%
55	7.162	439	444	445	rBV	4771499	8384990	58.72%	1.910%
56	7.230	448	450	454	rVB3	4086025	11187896	78.35%	2.548%
57	7.299	454	456	458	rBV	3431660	5360143	37.54%	1.221%
58	7.379	461	463	465	rVB	1524578	2125458	14.89%	0.484%
59	7.459	465	470	471	rBV	6156104	13724360	96.12%	3.126%
60	7.493	471	473	476	rVB2	4929006	6955277	48.71%	1.584%
61	7.562	476	479	481	rBV3	3371493	5644126	39.53%	1.286%
62	7.630	481	485	487	rBV2	2108131	5090836	35.65%	1.160%
63	7.687	487	490	495	rVB2	4008122	10629456	74.44%	2.421%
64	7.825	498	502	504	rBV4	2881119	9551173	66.89%	2.176%
65	7.882	504	507	509	rVB4	3498243	7255221	50.81%	1.653%
66	7.950	509	513	516	rBV5	4705580	11616483	81.35%	2.646%
67	8.076	522	524	526	rVB	2244296	2635969	18.46%	0.600%
68	8.202	528	535	536	rBV4	4037777	14278831	100.00%	3.252%
69	8.259	538	540	542	rVB2	2595978	5361210	37.55%	1.221%
70	8.362	547	549	550	rBV2	1584416	2629687	18.42%	0.599%
71	8.407	550	553	554	rVB2	2438362	3693834	25.87%	0.841%

LSC Area Percent Report

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Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

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-BF013017.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.487	554	560	564	rBV5	2902544	10606968	74.28%	2.416%
73	8.556	564	566	567	rVV	1227546	1321853	9.26%	0.301%
74	8.590	567	569	570	rVB2	2093201	2197401	15.39%	0.501%
75	8.636	570	573	575	rBV	3050256	5175467	36.25%	1.179%
76	8.716	578	580	581	rBV	2595525	2739486	19.19%	0.624%
77	9.036	604	608	609	rVV2	2475749	5486137	38.42%	1.250%
78	9.230	621	625	628	rBV3	2740829	6017821	42.15%	1.371%
79	9.356	634	636	639	rBV2	1591265	4022738	28.17%	0.916%
80	9.550	650	653	655	rVB2	2011799	3874586	27.14%	0.883%
81	9.630	655	660	663	rBV5	2454461	8821446	61.78%	2.009%
82	9.825	676	677	679	rBV2	1082285	1632682	11.43%	0.372%
83	9.996	690	692	697	rVB5	1427603	3817415	26.73%	0.870%
84	10.076	697	699	701	rVB	1568100	2471724	17.31%	0.563%
85	10.133	701	704	705	rBV3	1205657	2808747	19.67%	0.640%
86	10.213	709	711	715	rVB3	2516093	4993553	34.97%	1.137%
87	10.282	715	717	719	rBV2	1717373	3323236	23.27%	0.757%
88	10.373	723	725	728	rBV3	1201050	2477518	17.35%	0.564%
89	10.511	735	737	742	rBV5	1386092	4119047	28.85%	0.938%
90	10.613	744	746	749	rVB2	2119879	4178370	29.26%	0.952%
91	10.888	767	770	773	rVB2	3054337	5576132	39.05%	1.270%
92	11.345	807	810	813	rVB	2936525	5082997	35.60%	1.158%
93	11.471	818	821	825	rBV3	1328734	3470528	24.31%	0.790%
94	11.688	838	840	845	rVB4	1874797	2801931	19.62%	0.638%
95	11.951	861	863	864	rBV	1179086	1280710	8.97%	0.292%
96	12.419	902	904	908	rVB	1535011	2554254	17.89%	0.582%
97	12.499	908	911	912	rBV2	1261519	2022408	14.16%	0.461%
98	13.025	954	957	961	rVB	2710968	4171987	29.22%	0.950%
99	14.065	1045	1048	1050	rBV	1260255	1314662	9.21%	0.299%
100	15.505	1171	1174	1183	rVB	839746	1170343	8.20%	0.267%

Sum of corrected areas: 439032877

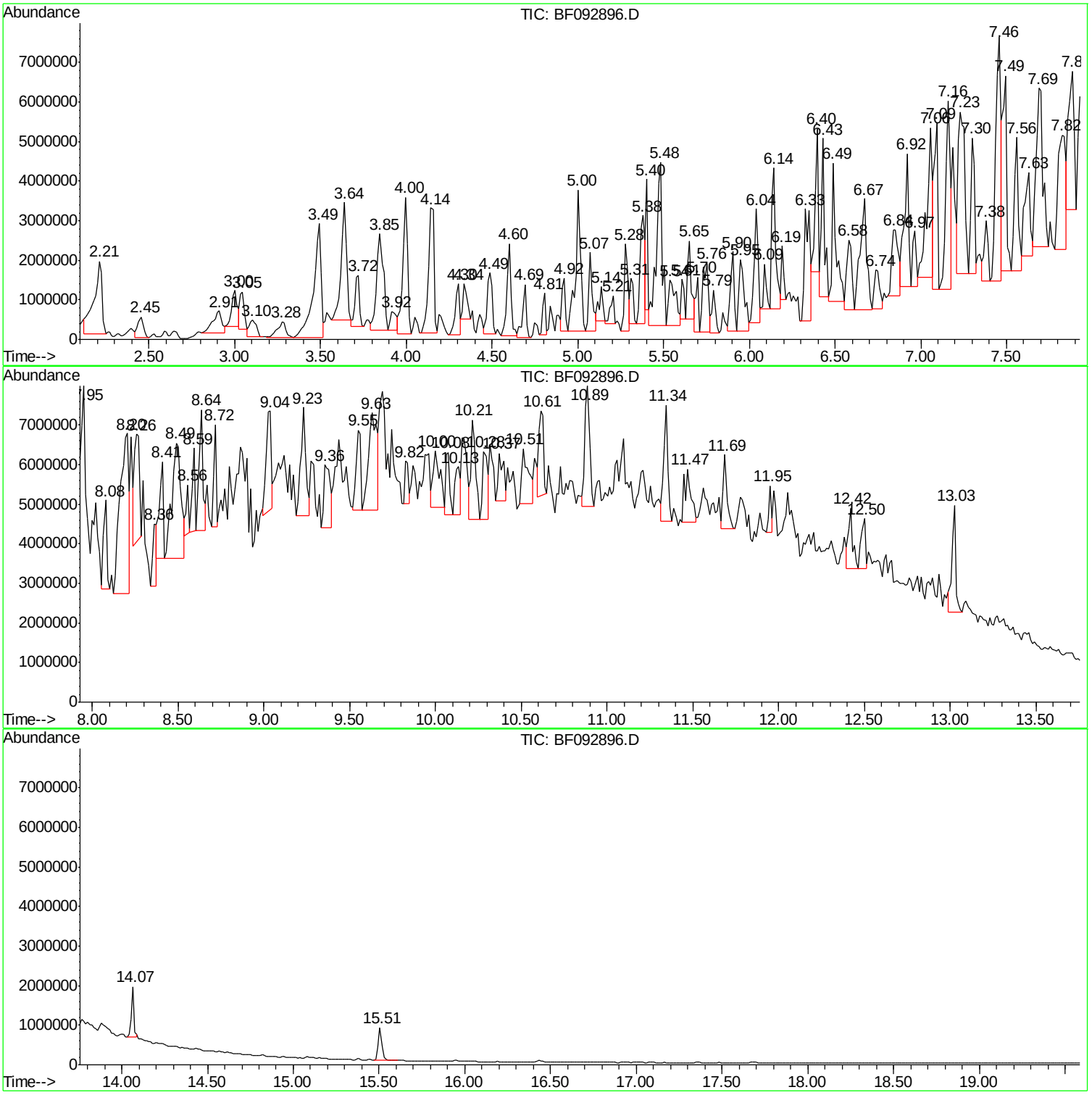
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
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Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

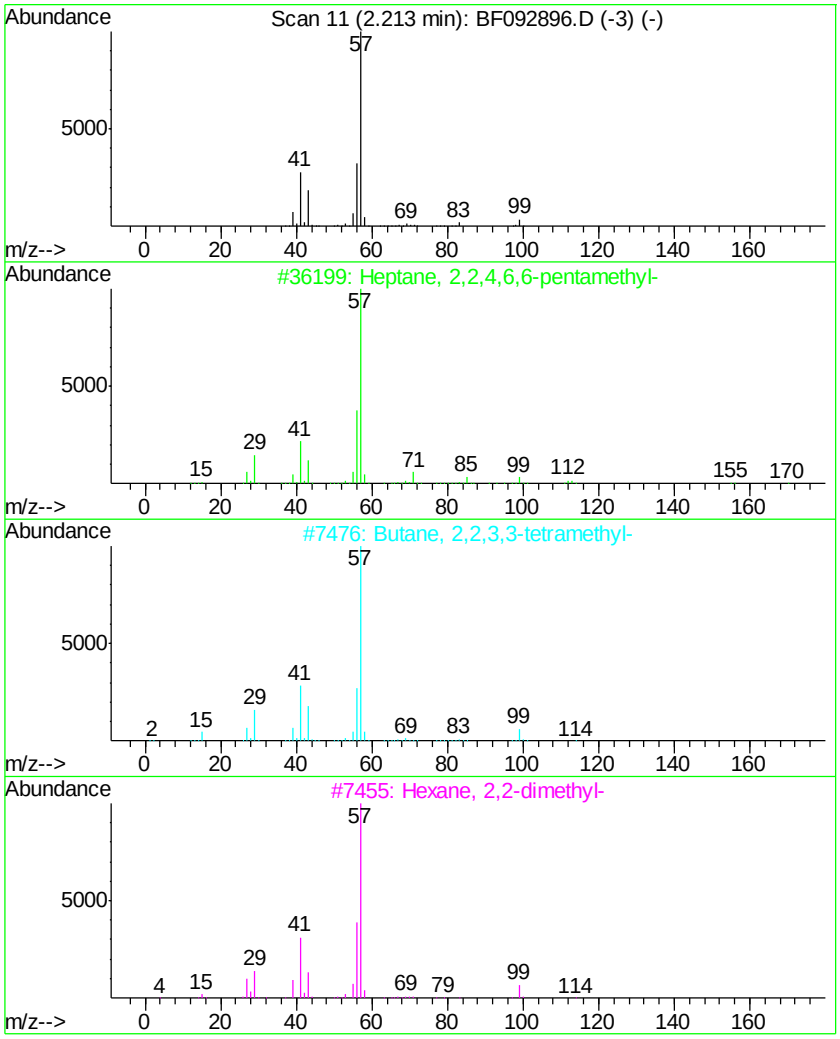
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

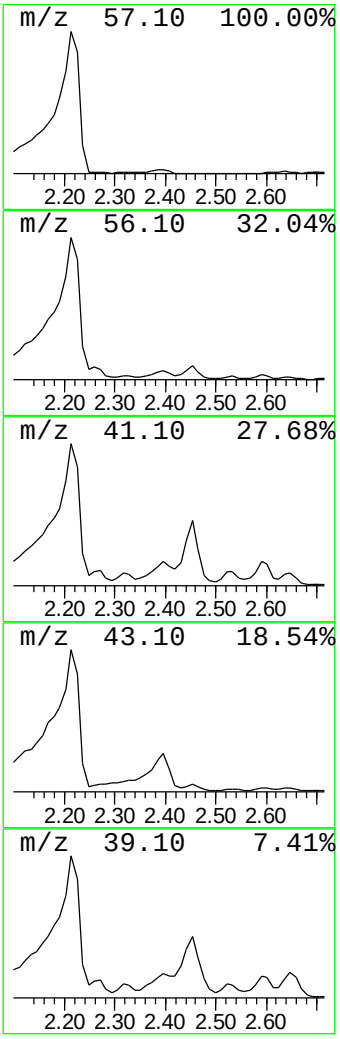
****

Peak Number 1 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	20.02 ng	6172440	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	78
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	72
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

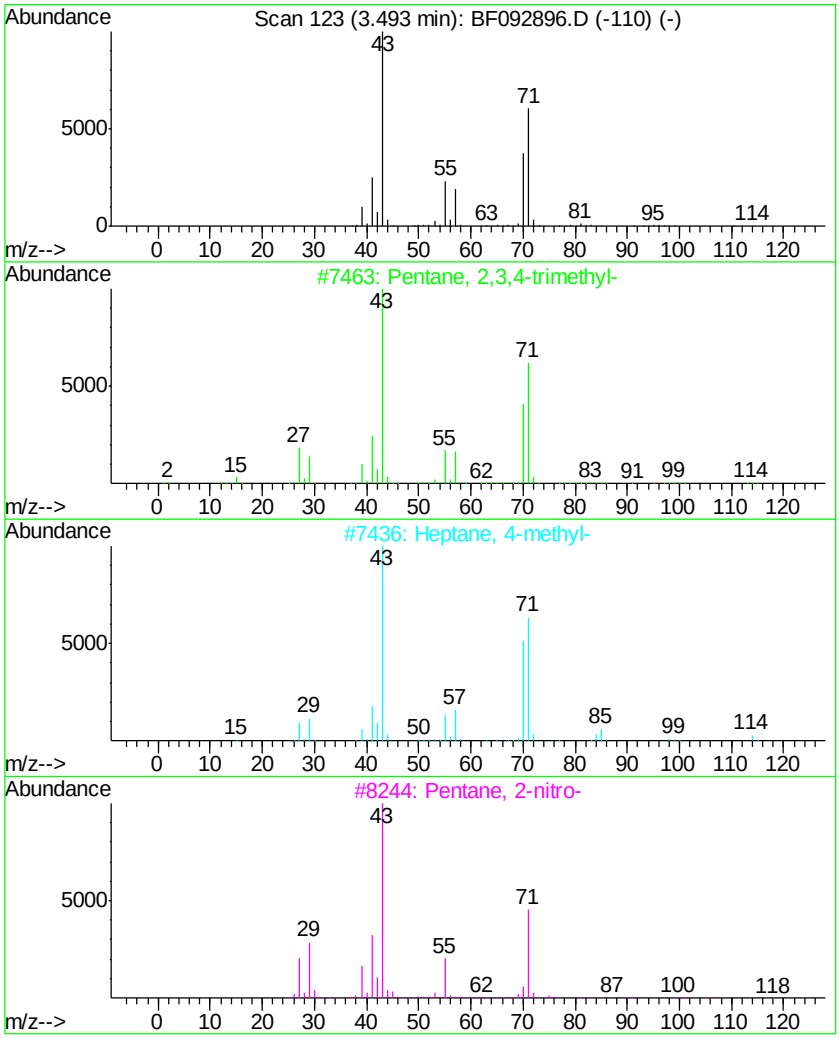
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

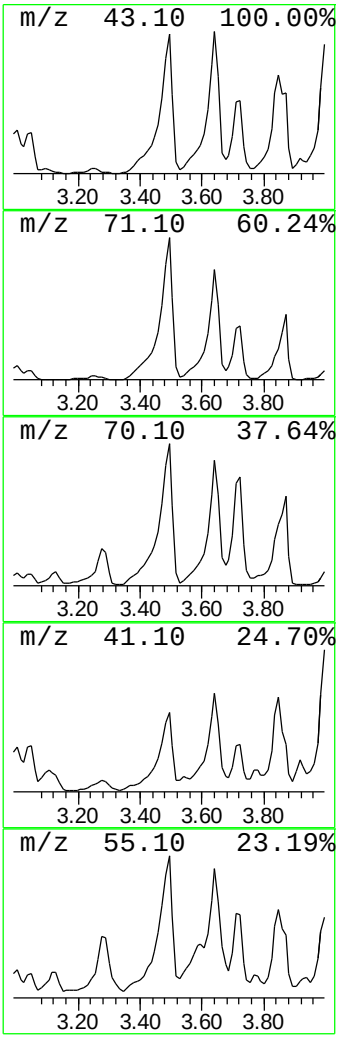
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.49	29.31 ng	9037670	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
3	Pentane, 2-nitro-	117	C5H11NO2	004609-89-6	45
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	45
5	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	39





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

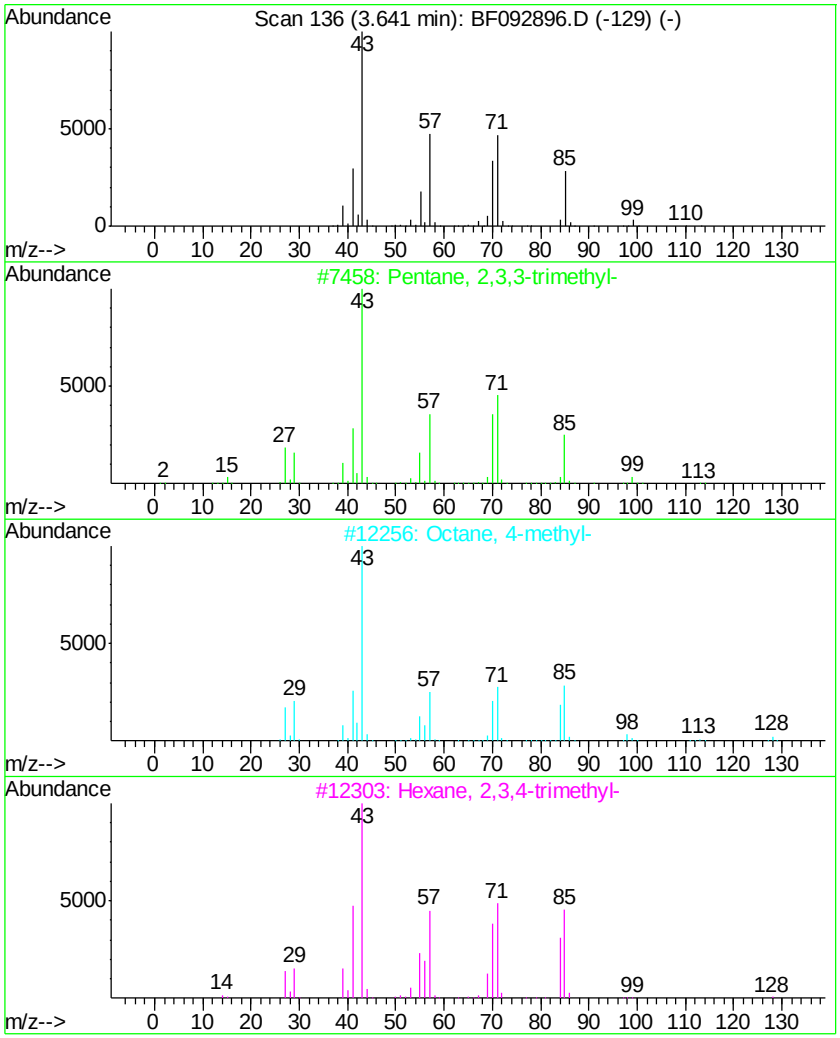
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

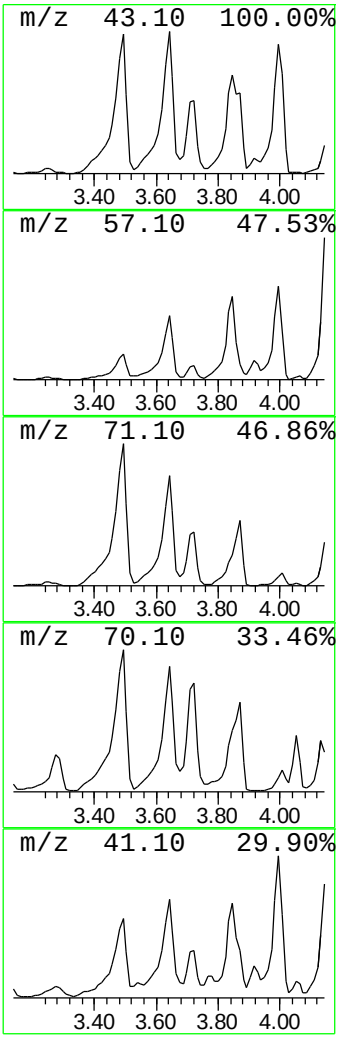
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	21.33 ng	6576030	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Octane, 4-methyl-	128	C9H20	002216-34-4	83
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	78
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	53





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

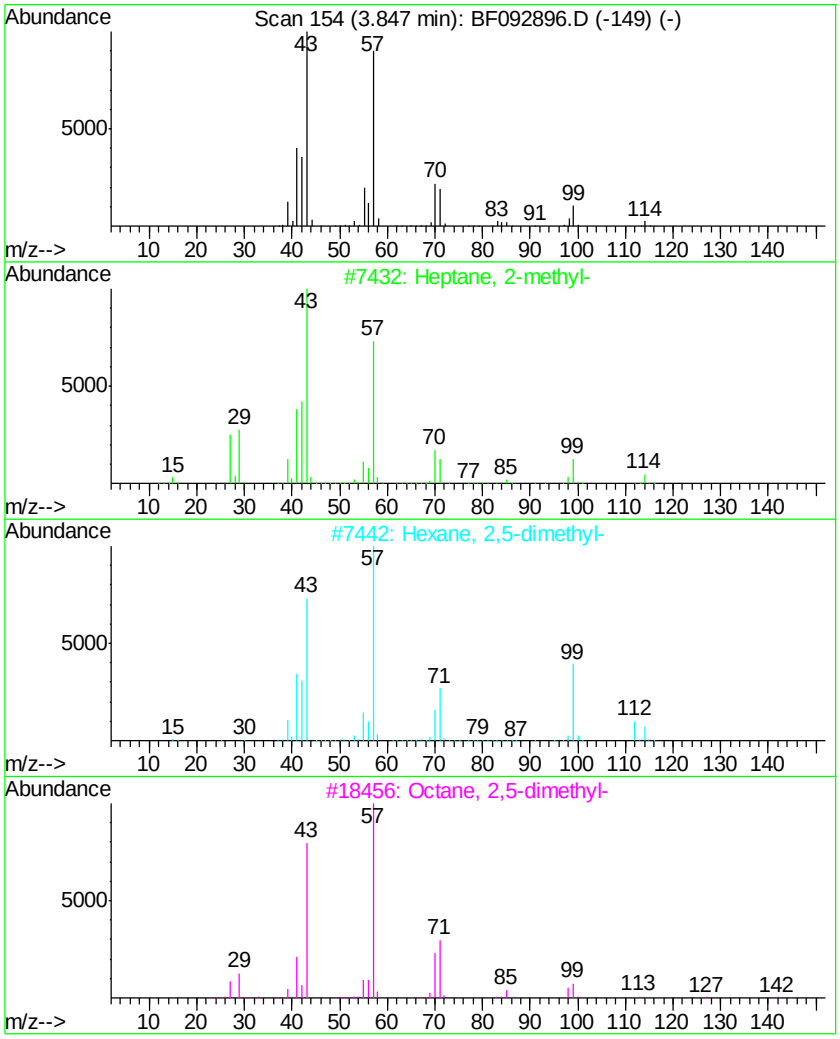
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

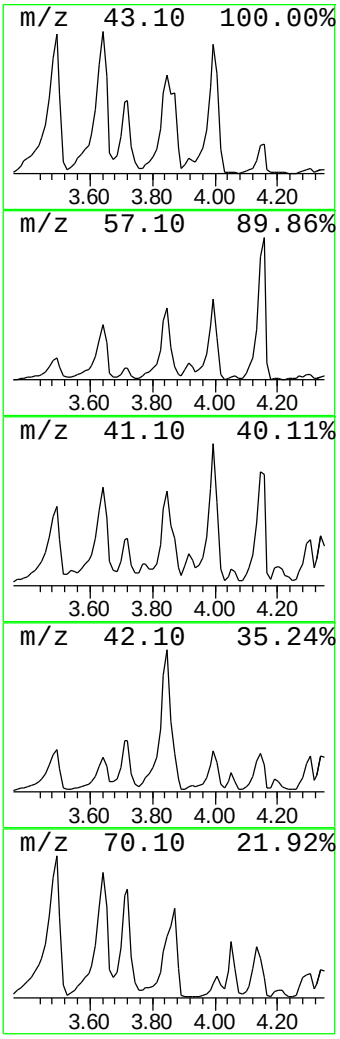
****

Peak Number 4 Heptane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	20.75 ng	6398360	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	83
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	74
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	53
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	50
5	2-Piperidinone	99	C5H9NO	000675-20-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

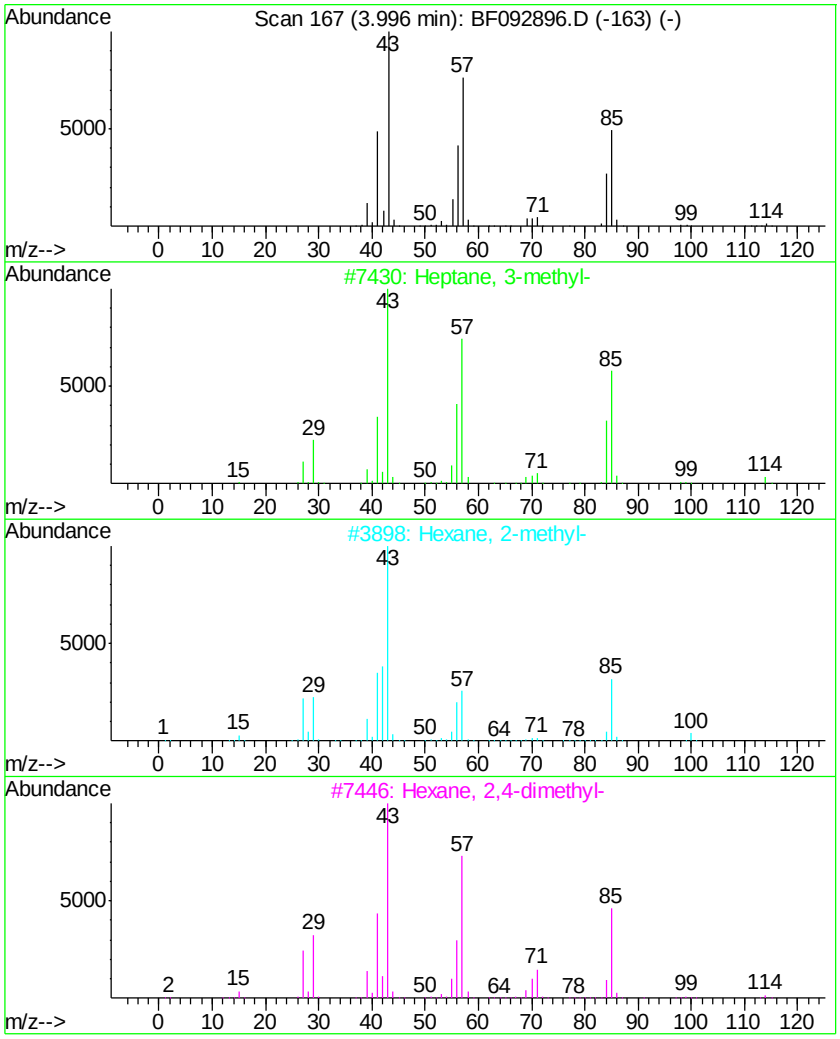
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

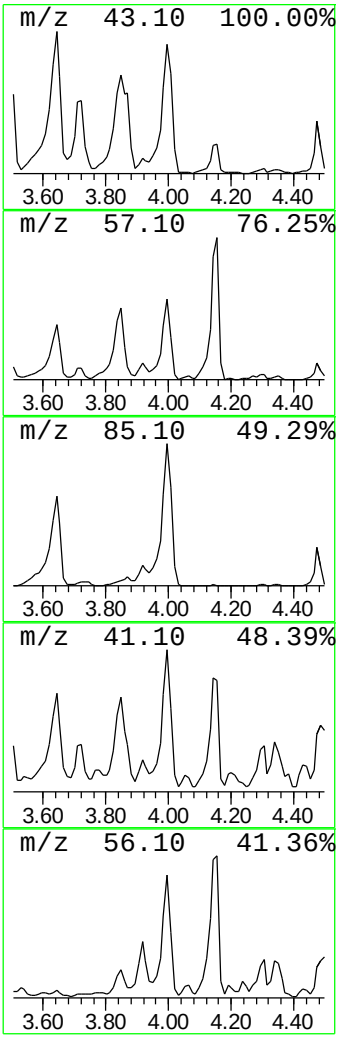
****

Peak Number 5 Heptane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	22.41 ng	6911690	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	59
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59





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Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
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Sample : I1772-05
Misc :
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Instrument : BNA_F
ClientSampleId : MW-6-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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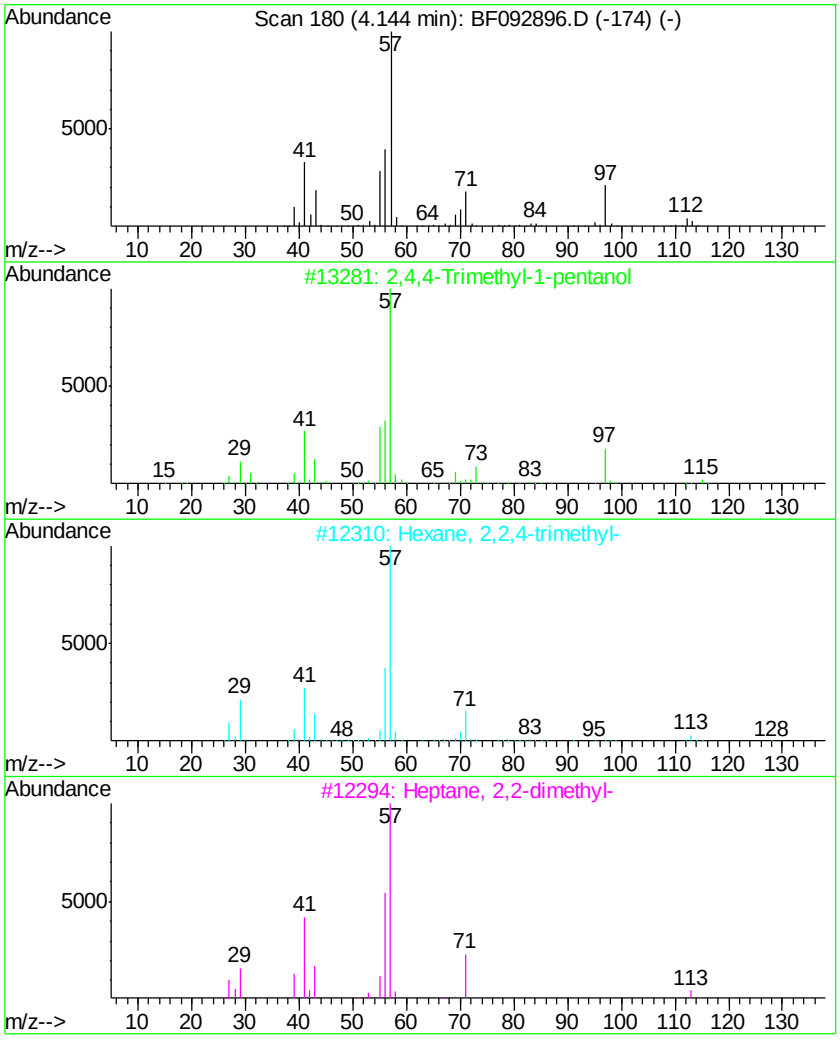
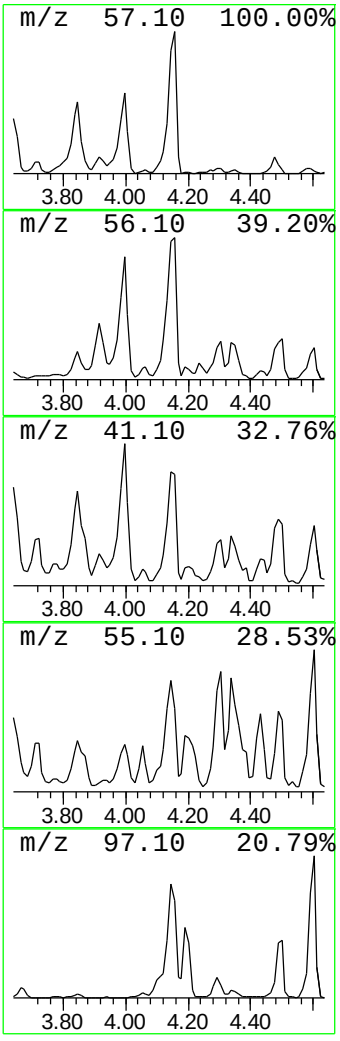
Peak Number 6 2,4,4-Trimethyl-1-pentanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.14	21.22 ng	6544190	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol	130	C8H18O	016325-63-6	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
4	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	40
5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	40





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Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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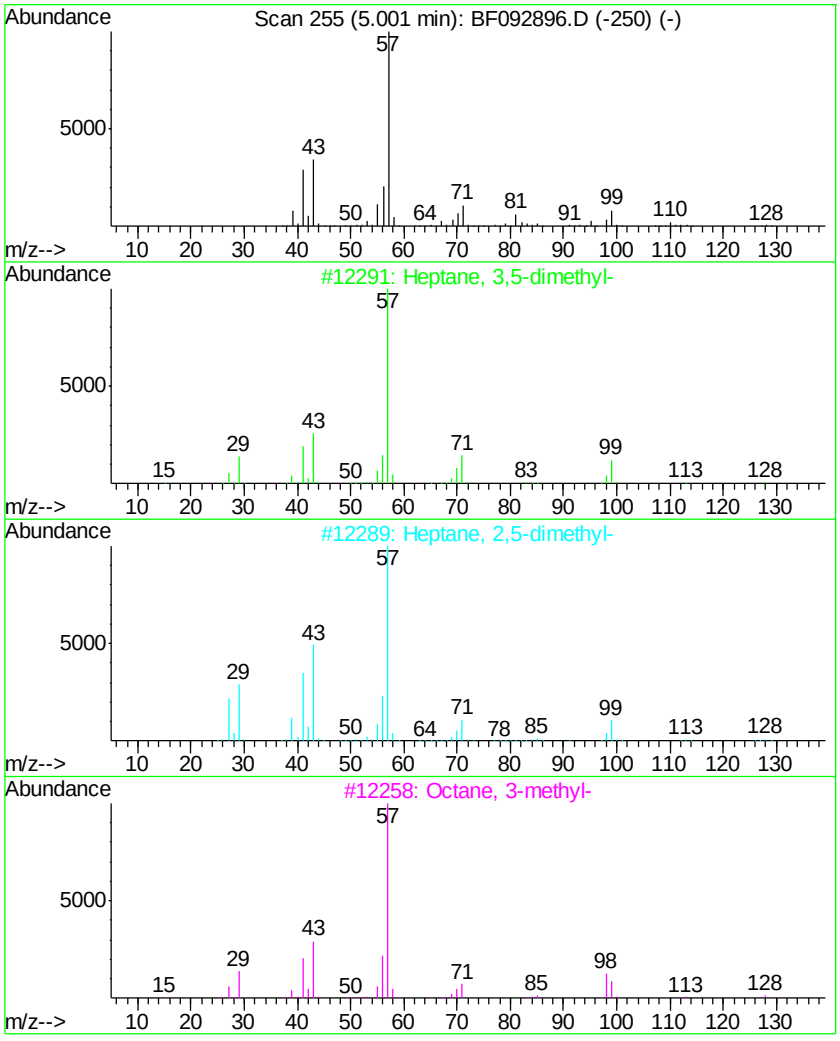
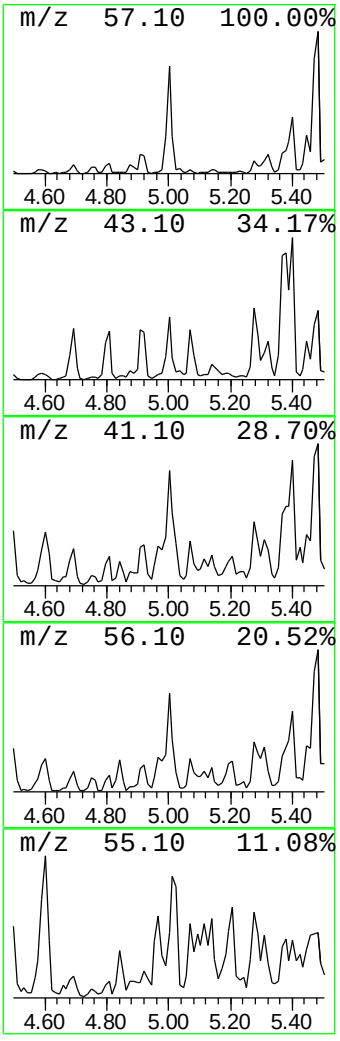
Peak Number 7 Heptane, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	24.58 ng	7579140	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	64
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53





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ClientSampleId : MW-6-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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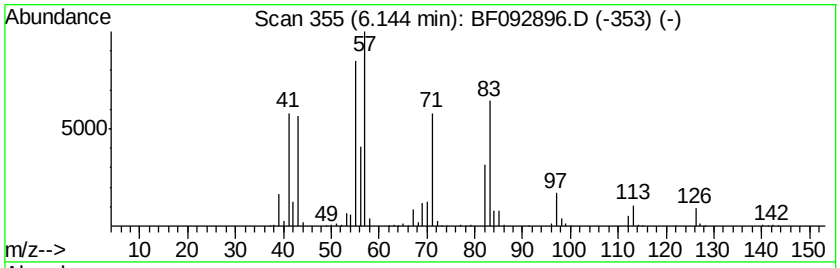
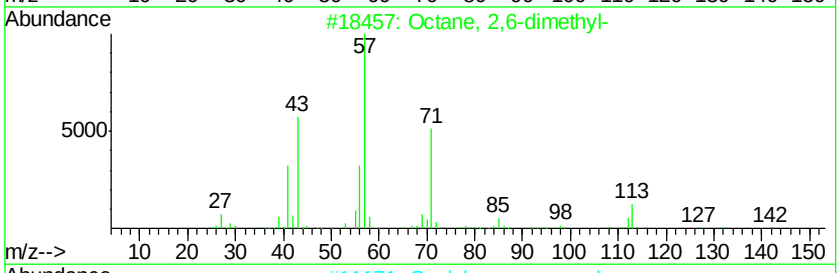
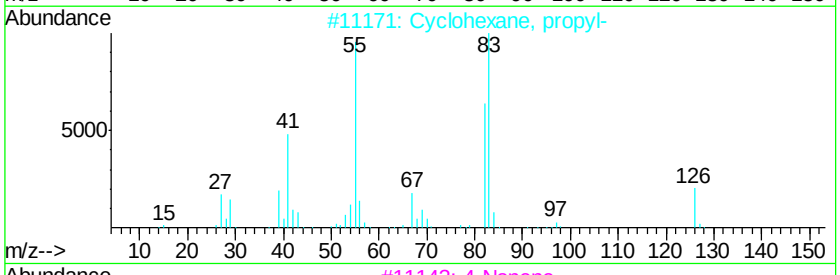
Peak Number 8 unknown6.14 Concentration Rank 20

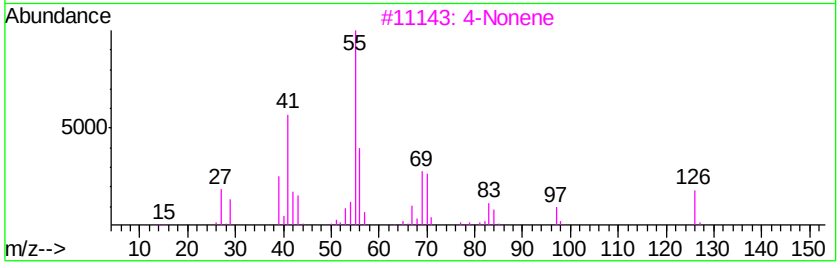
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	19.76 ng	6092380	1,4-Dichlorobenzene-d4	6.90

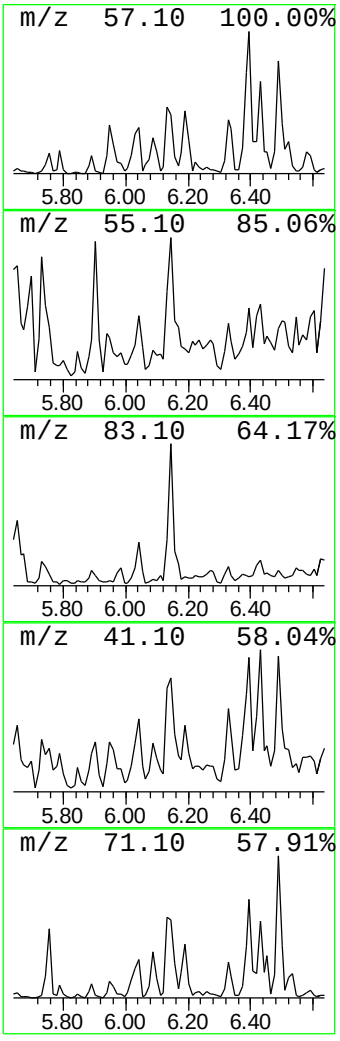
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	30
3	4-Nonene	126	C9H18	002198-23-4	30
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	30
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	27











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Sample : I1772-05
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ClientSampleId : MW-6-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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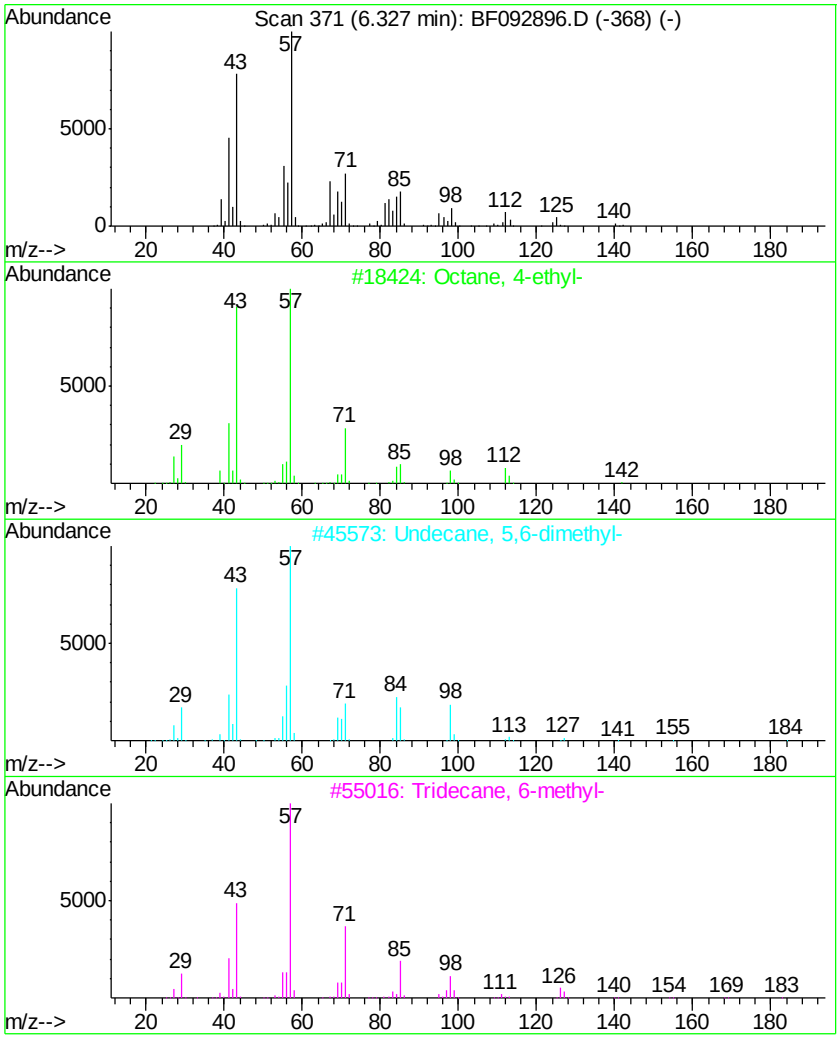
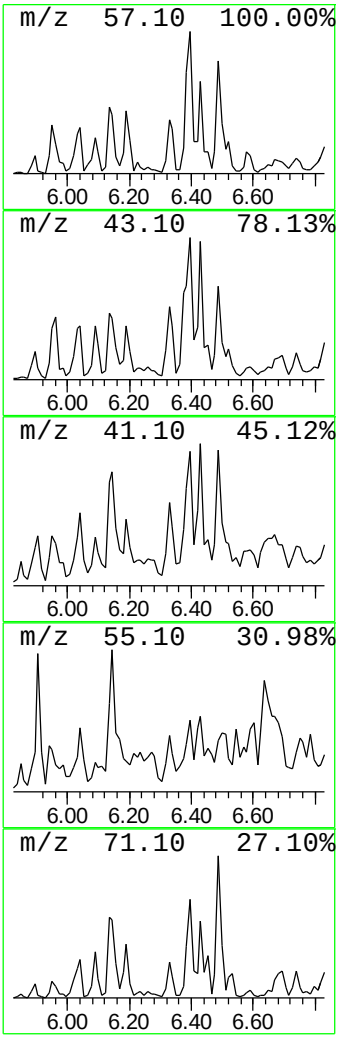
Peak Number 9 unknown6.33 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	21.96 ng	6771650	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	49
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	47
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	43
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
5	Octane	114	C8H18	000111-65-9	38





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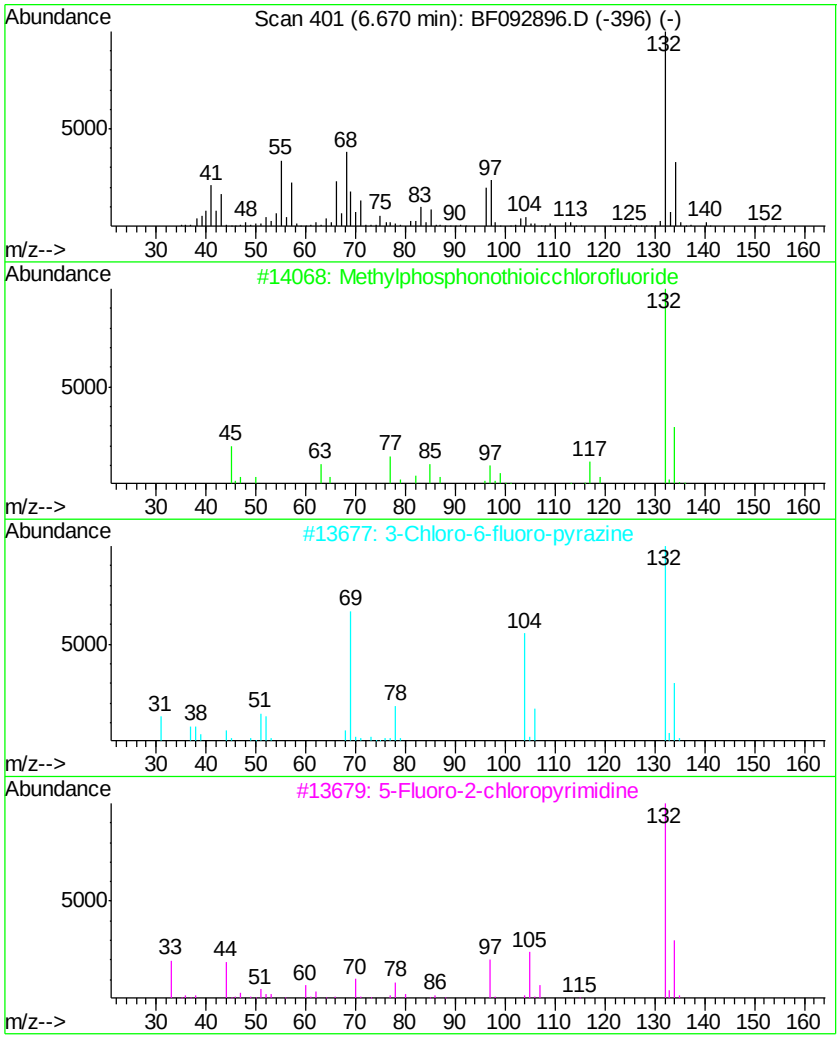
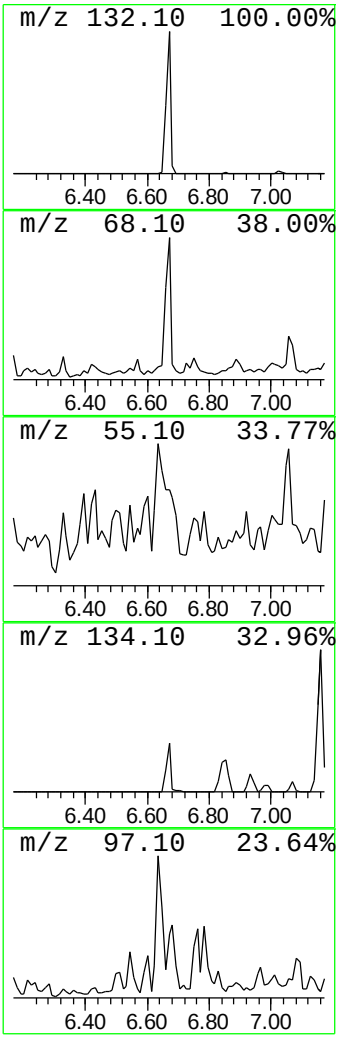
Peak Number 10 unknown6.67 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	23.27 ng	7174460	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylphosphonothioicchlorofluoride	132	CH3ClFPS	027127-27-1	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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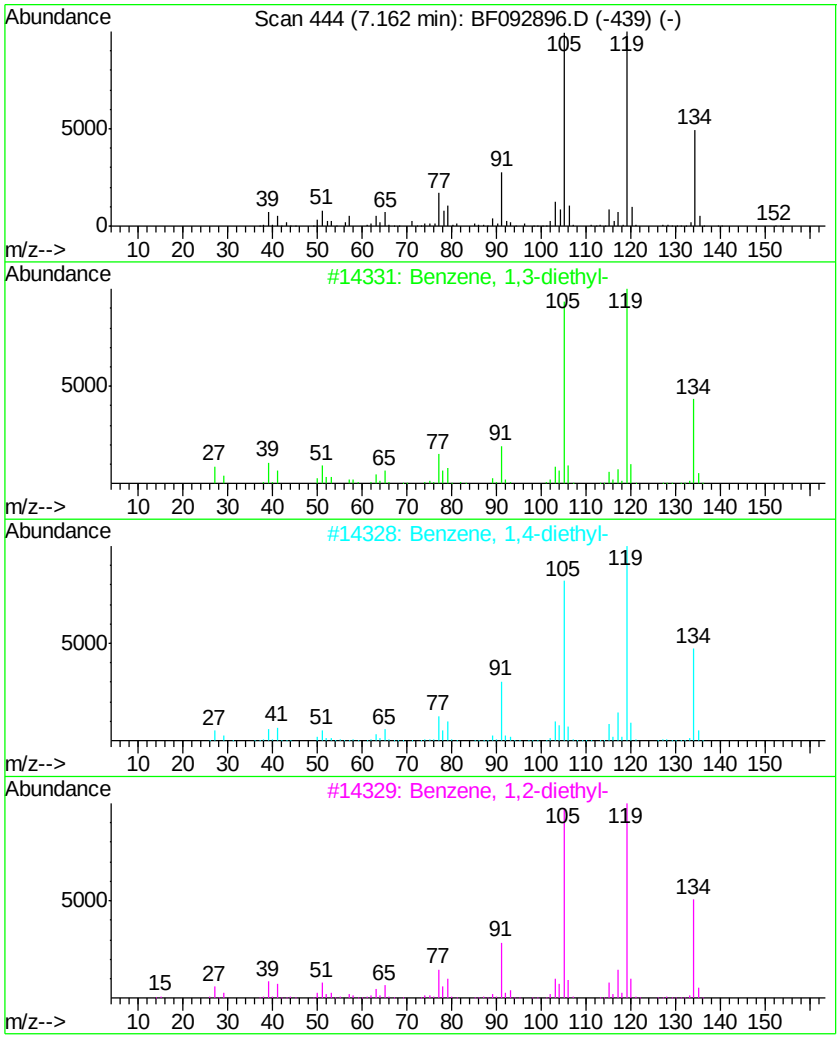
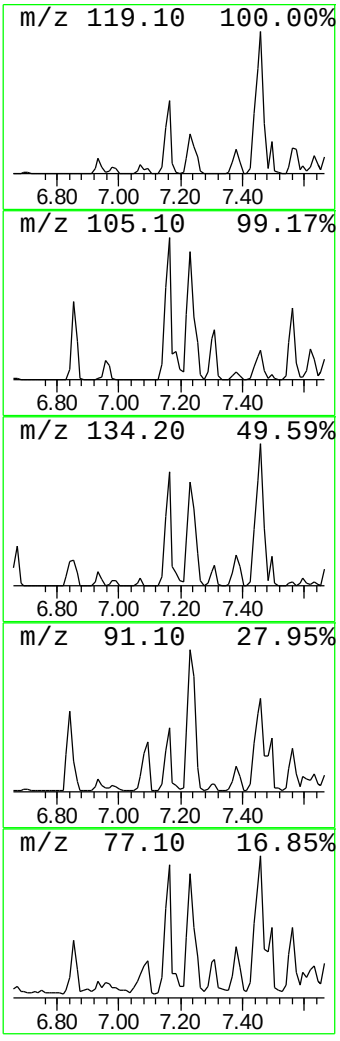
Peak Number 12 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	27.19 ng	8384990	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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ClientSampleId : MW-6-FD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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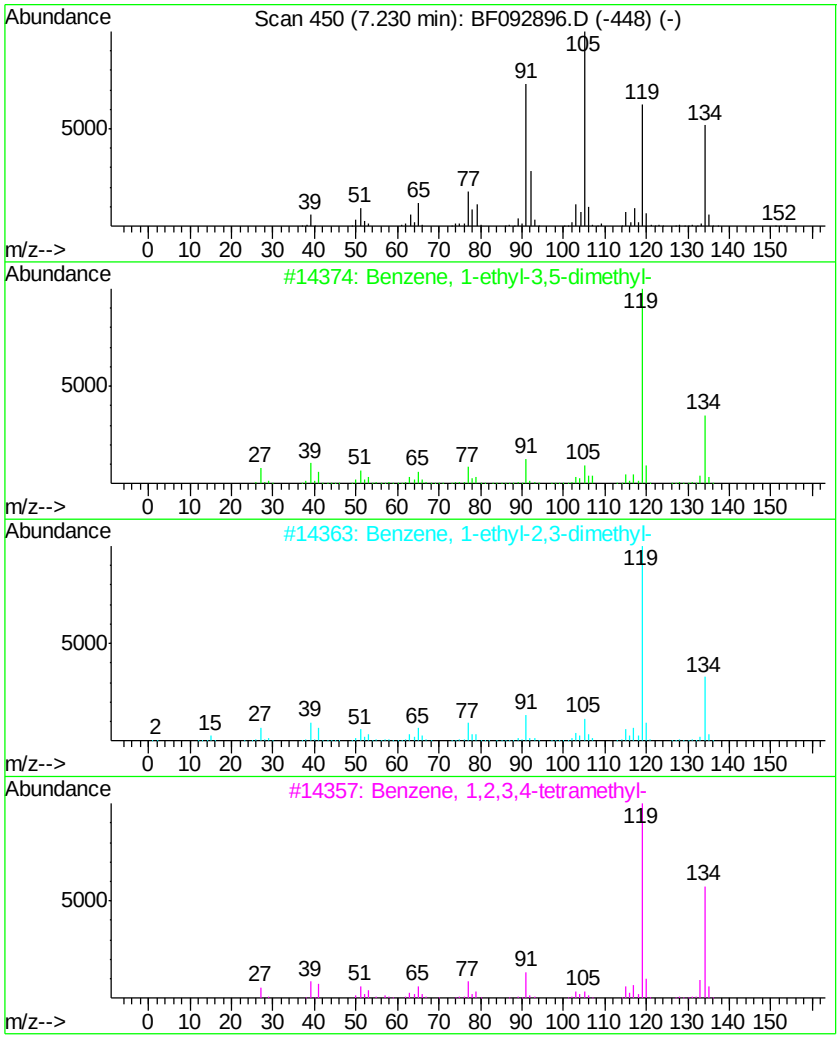
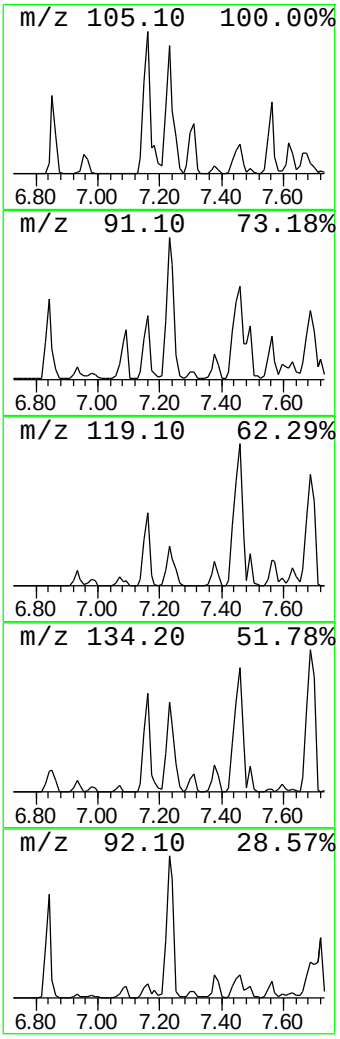
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	36.28 ng	11187900	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76





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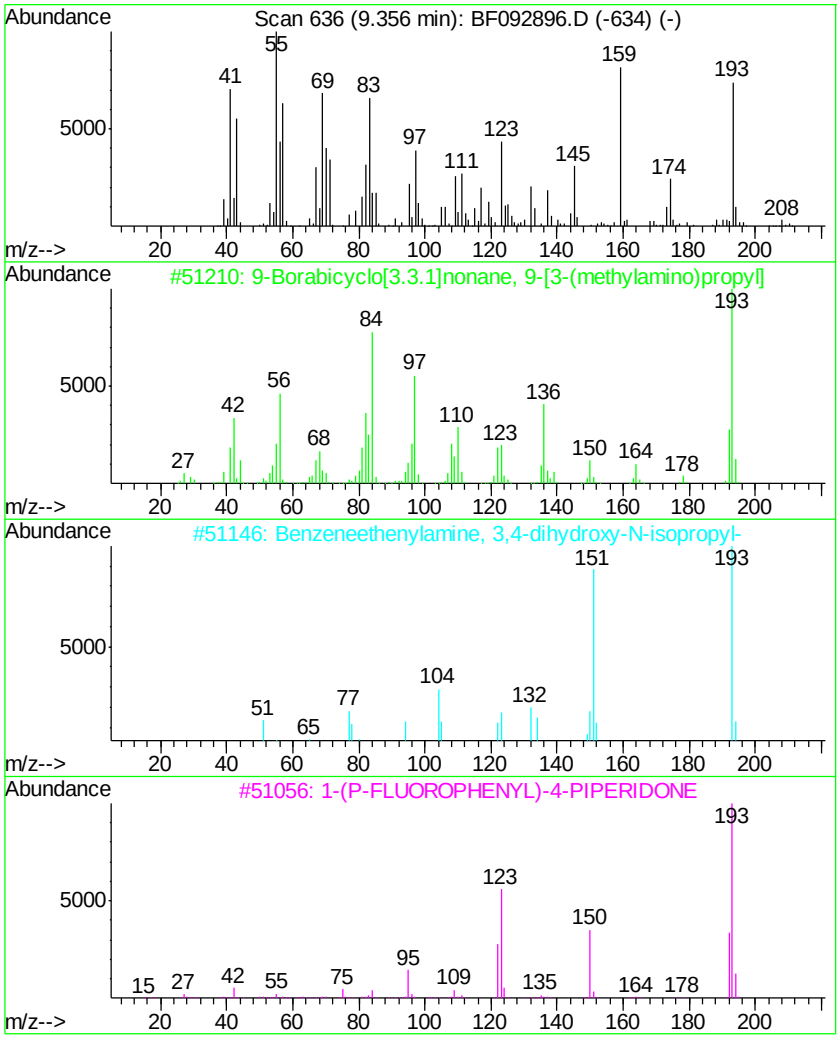
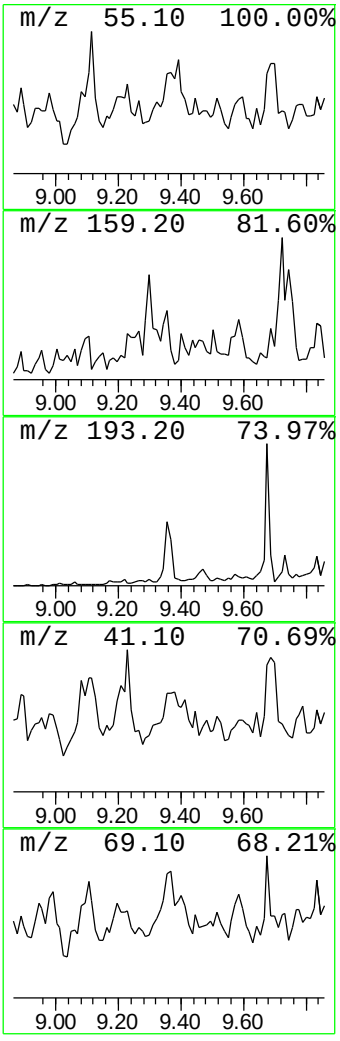
Peak Number 14 unknown9.36 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	21.08 ng	4022740	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	27
2	Benzeneethenylamine, 3,4-dihydro...	193	C11H15NO2	1000124-87-0	22
3	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	22
4	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	18
5	Benzaldehyde, p-nitro-, dimethyl...	193	C9H11N3O2	010424-92-7	14





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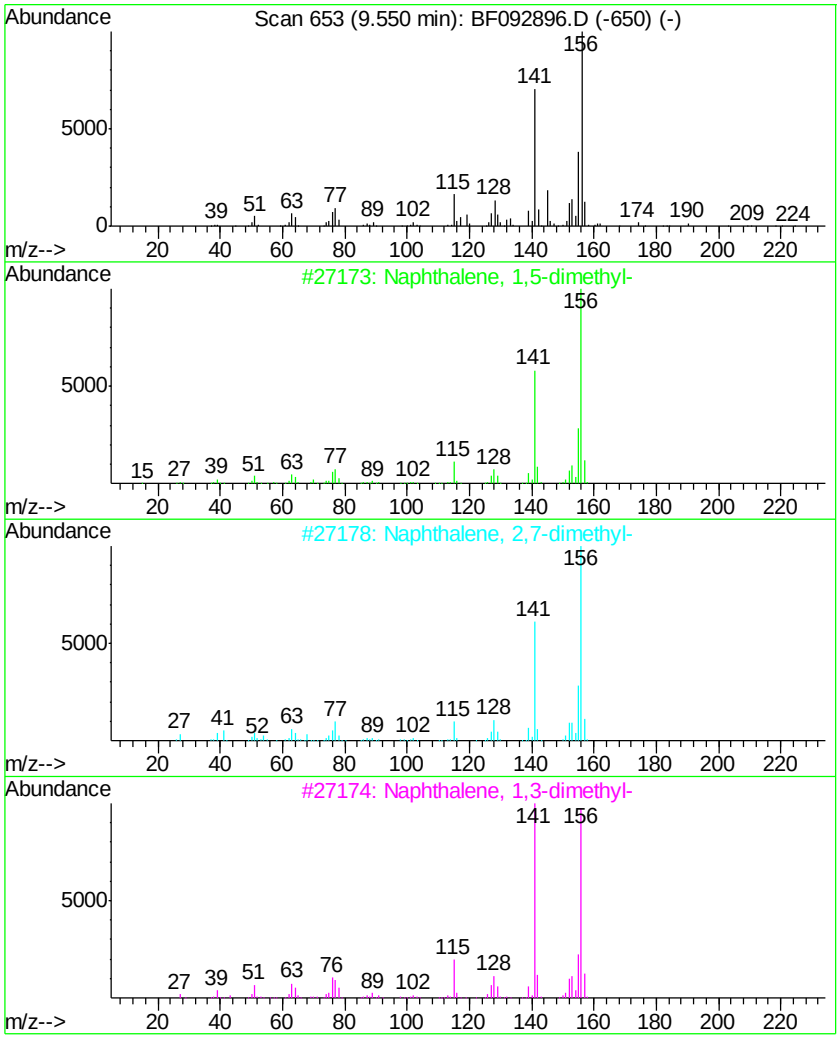
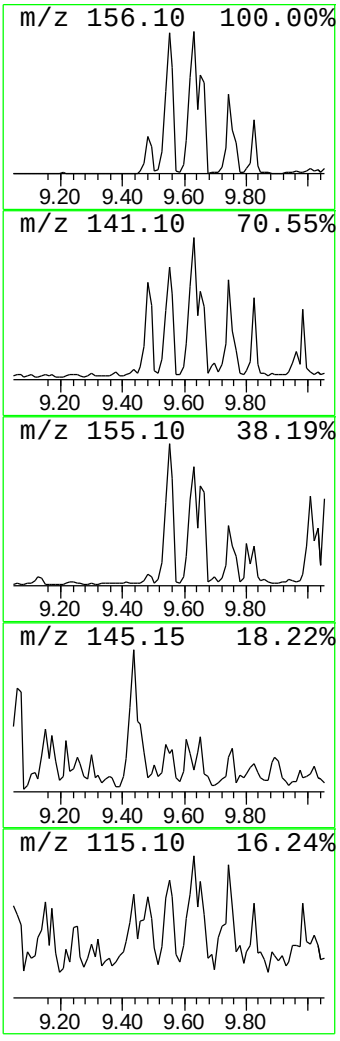
Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	20.30 ng	3874590	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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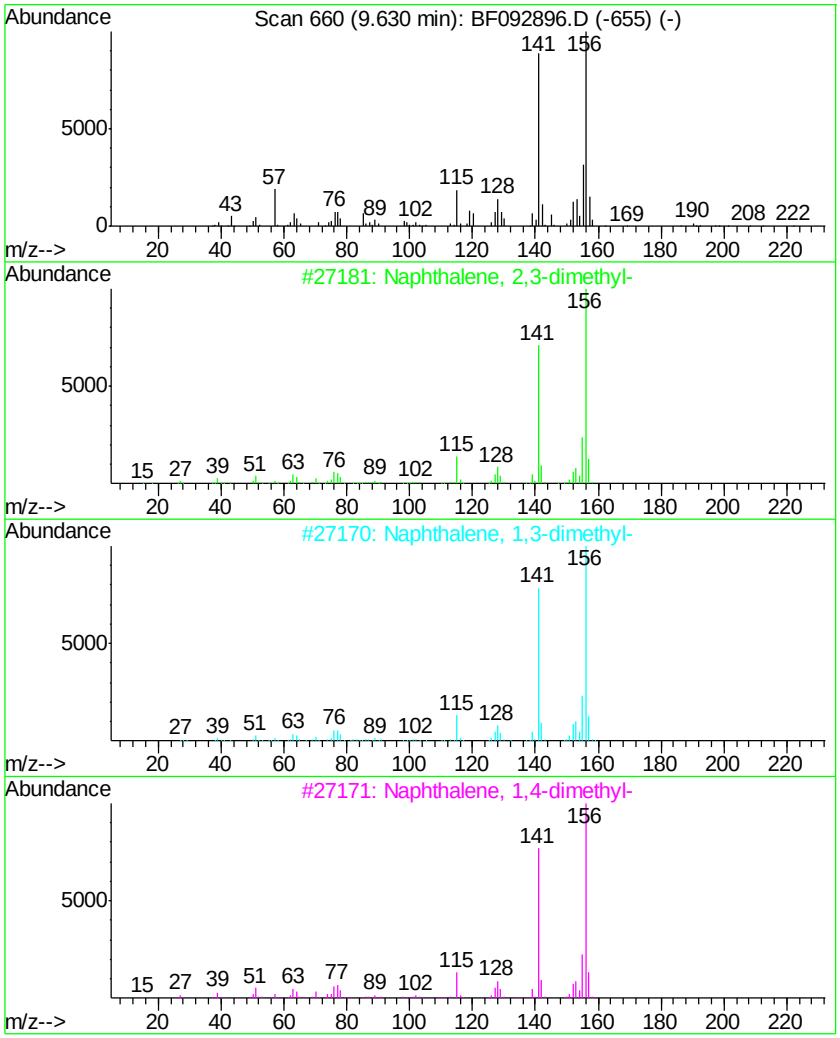
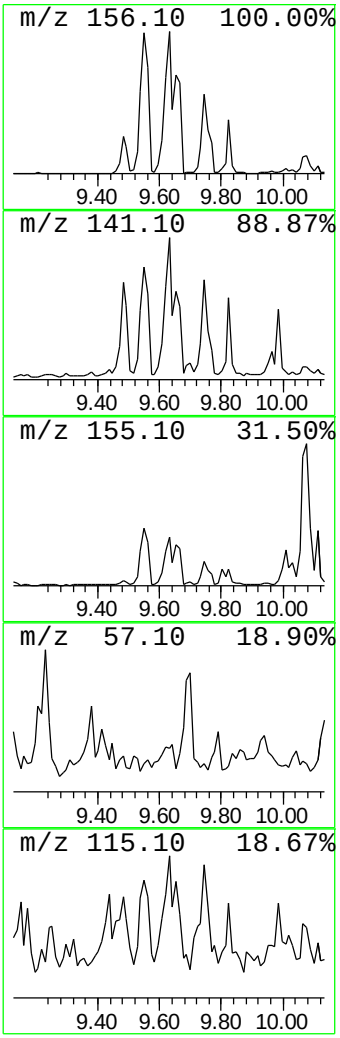
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	46.22 ng	8821450	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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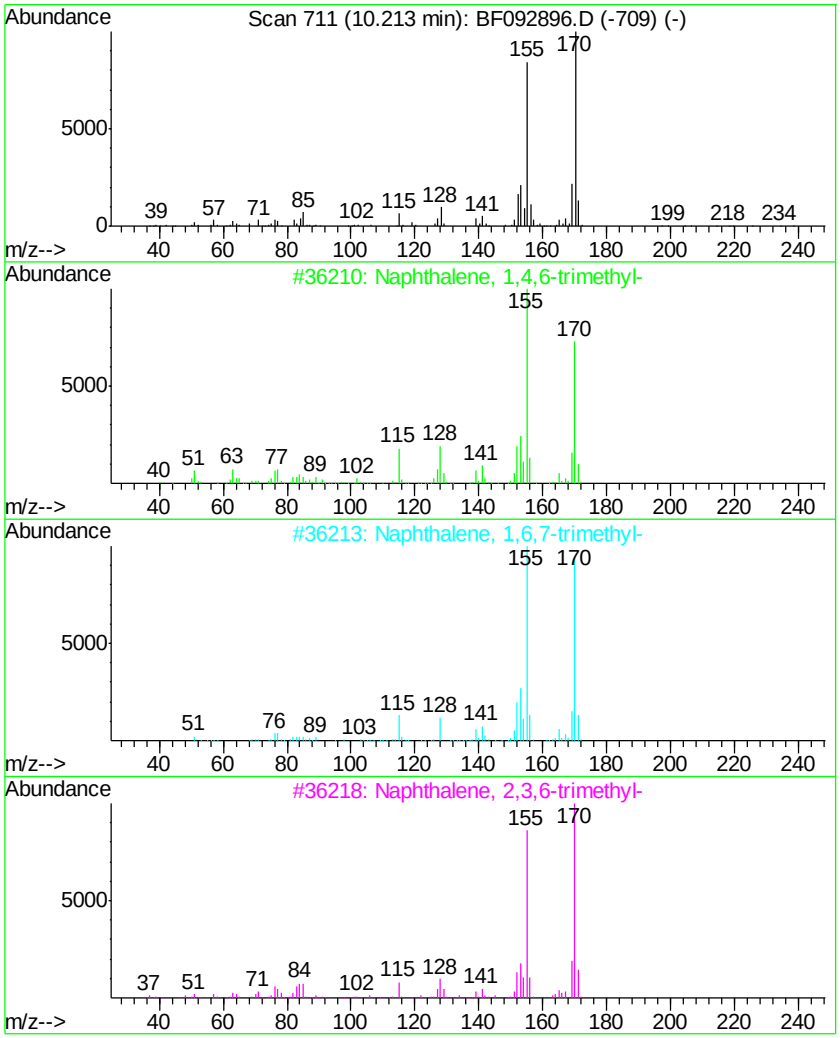
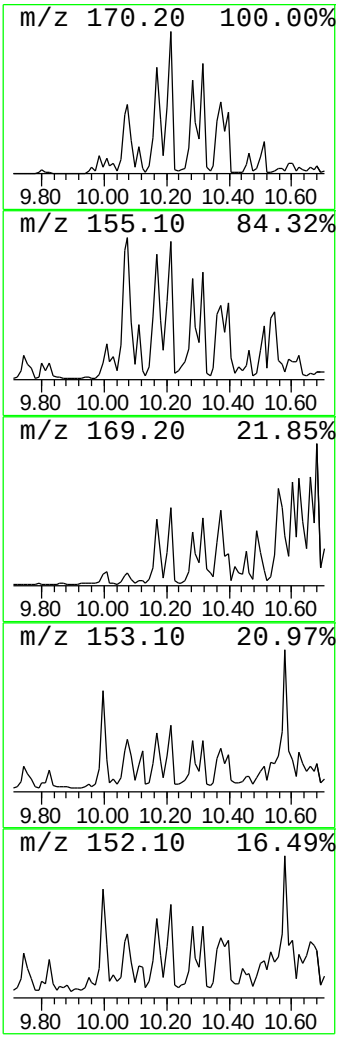
Peak Number 17 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	26.16 ng	4993550	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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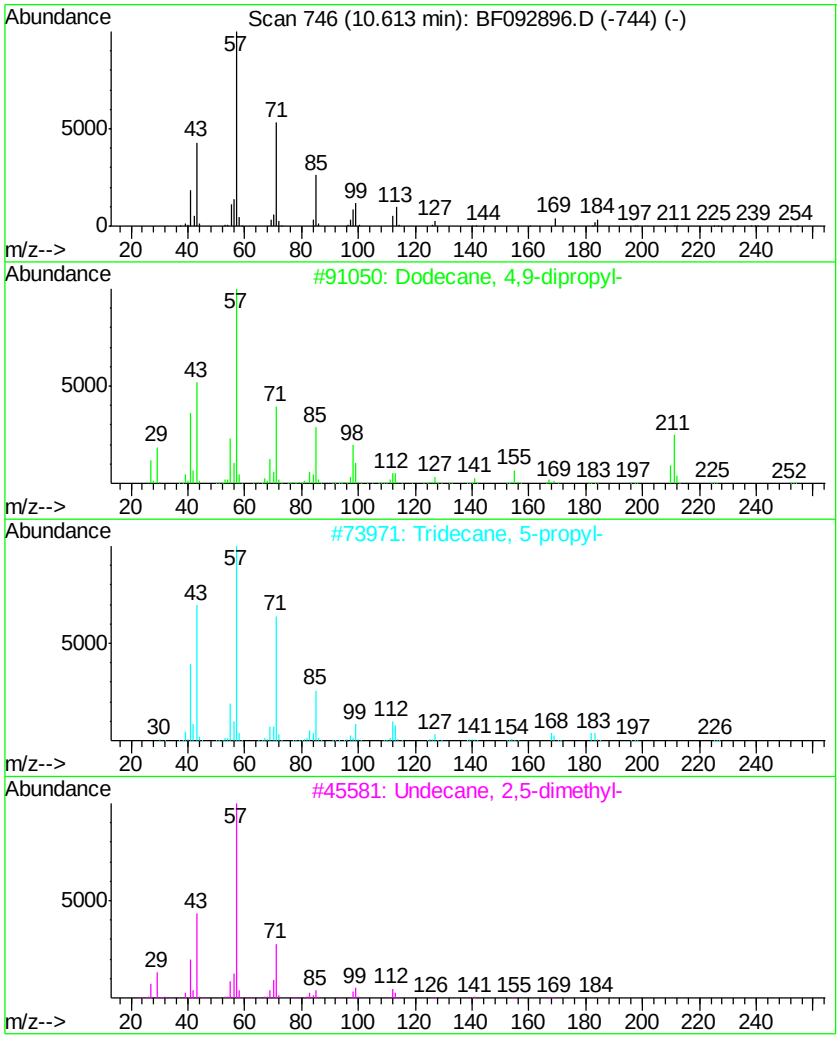
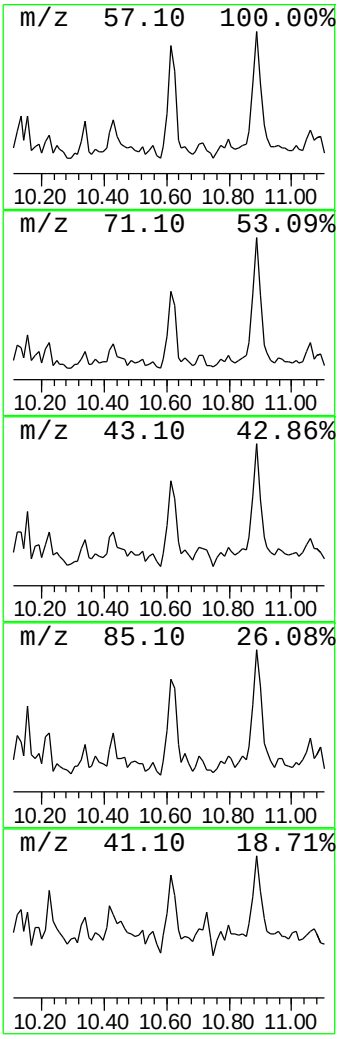
Peak Number 18 Dodecane, 4,9-dipropyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	21.89 ng	4178370	Acenaphthene-d10	9.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	86
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	68





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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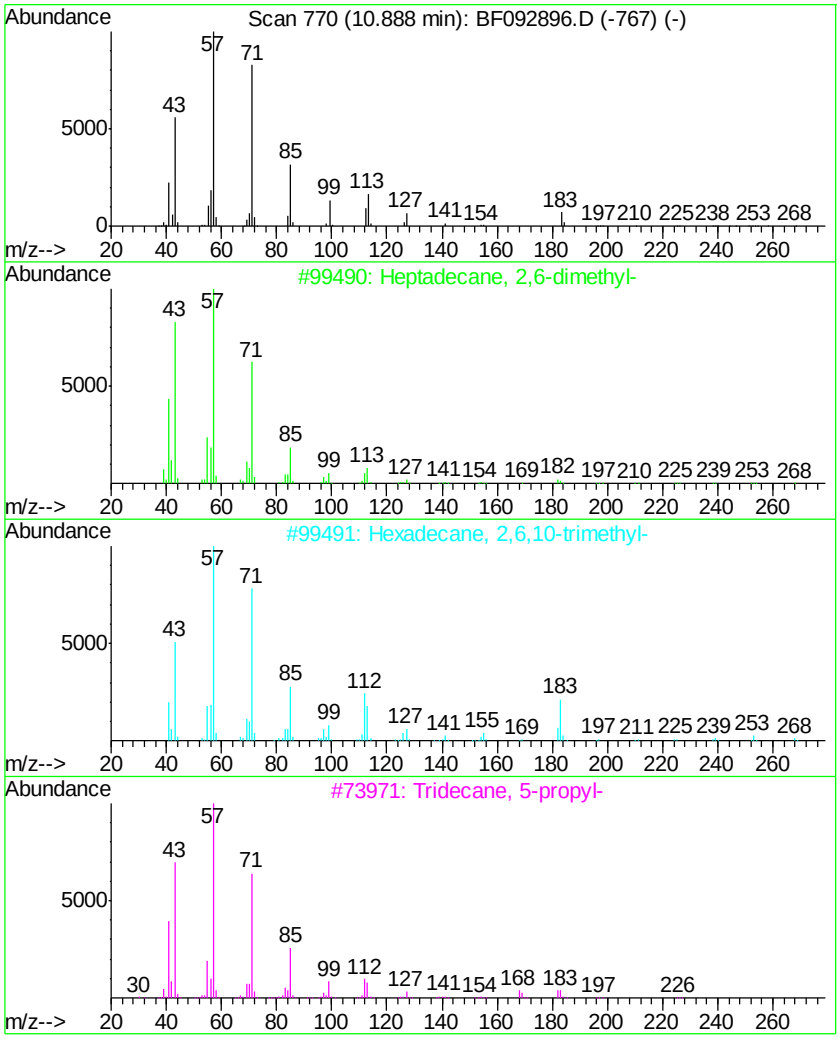
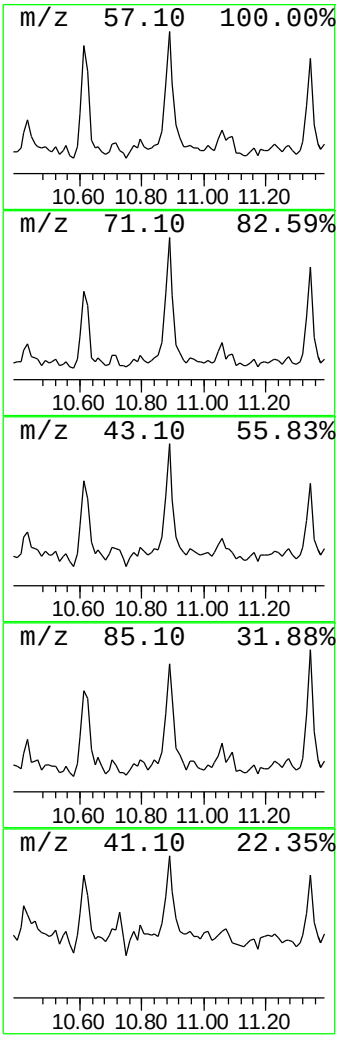
Peak Number 19 Heptadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	32.13 ng	5576130	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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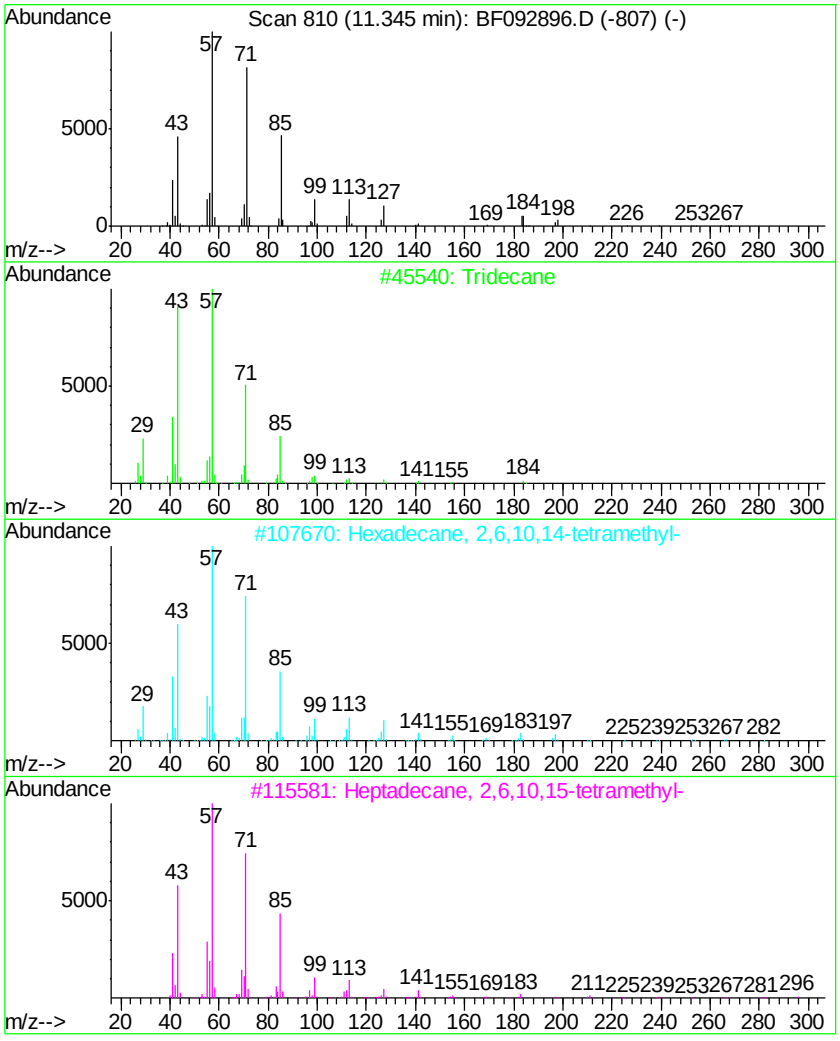
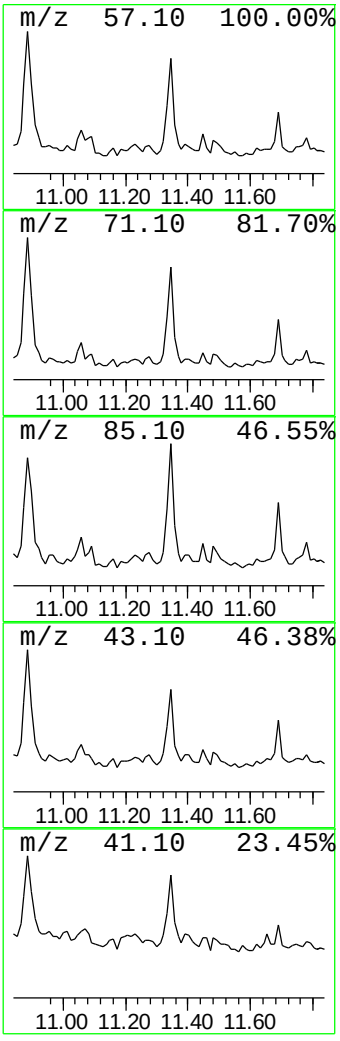
Peak Number 20 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	29.29 ng	5083000	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092896.D
Acq On : 10 Feb 2017 21:18
Operator : SJ/MA
Sample : I1772-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-6-FD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2,2,4,6,...	2.21	20.0	ng	6172440	1	6.90	6167190	20.0
Pentane, 2,3,4-tr...	3.49	29.3	ng	9037670	1	6.90	6167190	20.0
Pentane, 2,3,3-tr...	3.64	21.3	ng	6576030	1	6.90	6167190	20.0
Heptane, 2-methyl-	3.85	20.8	ng	6398360	1	6.90	6167190	20.0
Heptane, 3-methyl-	4.00	22.4	ng	6911690	1	6.90	6167190	20.0
2,4,4-Trimethyl-1...	4.14	21.2	ng	6544190	1	6.90	6167190	20.0
Heptane, 3,5-dime...	5.00	24.6	ng	7579140	1	6.90	6167190	20.0
unknown6.14	6.14	19.8	ng	6092380	1	6.90	6167190	20.0
unknown6.33	6.33	22.0	ng	6771650	1	6.90	6167190	20.0
unknown6.67	6.67	23.3	ng	7174460	1	6.90	6167190	20.0
Benzene, 1,3-diet...	7.16	27.2	ng	8384990	1	6.90	6167190	20.0
Benzene, 1-ethyl-...	7.23	36.3	ng	11187900	1	6.90	6167190	20.0
unknown9.36	9.36	21.1	ng	4022740	3	9.96	3817420	20.0
Naphthalene, 1,5-...	9.55	20.3	ng	3874590	3	9.96	3817420	20.0
Naphthalene, 2,3-...	9.63	46.2	ng	8821450	3	9.96	3817420	20.0
Naphthalene, 1,4,...	10.21	26.2	ng	4993550	3	9.96	3817420	20.0
Dodecane, 4,9-dip...	10.61	21.9	ng	4178370	3	9.96	3817420	20.0
Heptadecane, 2,6-...	10.89	32.1	ng	5576130	4	11.45	3470530	20.0
Tridecane	11.34	29.3	ng	5083000	4	11.45	3470530	20.0