LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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-BF110316.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	1.744	3	5	10	rBV	3257893	6941163	51.30%	2.083%
2	1.824	10	12	15	rVB	1728880	2565275	18.96%	0.770%
3	2.510	67	72	73	rBV	818684	1664346	12.30%	0.499%
4	2.544	73	75	77	rVB	855021	1262181	9.33%	0.379%
5	2.750	86	93	98	rVB2	515565	1361228	10.06%	0.409%
6	2.933	98	109	112	rBV	2071058	5287980	39.08%	1.587%
7	3.081	115	122	126	rBV	1641564	3682726	27.22%	1.105%
8	3.173	126	130	134	rVB	863267	1844028	13.63%	0.553%
9	3.321	138	143	144	rBV	773031	1643924	12.15%	0.493%
10	3.527	155	161	164	rBV	1585280	4037994	29.84%	1.212%
11	3.710	170	177	180	rBV3	1946982	5150062	38.06%	1.546%
12	3.893	188	193	195	rBV2	594650	1373975	10.15%	0.412%
13	3.950	195	198	201	rVB	591492	1147599	8.48%	0.344%
14	4.110	210	212	216	rVB2	1236262	2534990	18.73%	0.761%
15	4.236	219	223	226	rBV2	1111795	1991036	14.71%	0.598%
16	4.350	231	233	236	rVB2	710578	1070356	7.91%	0.321%
17	4.476	241	244	246	rBV	1111391	1537232	11.36%	0.461%
18	4.602	253	255	257	rVB	1921929	2271129	16.78%	0.682%
19	4.659	257	260	261	rBV2	387854	933027	6.90%	0.280%
20	4.693	261	263	267	rVB	3139553	4327643	31.98%	1.299%
21	4.762	267	269	271	rBV	3118764	3937120	29.10%	1.182%
22	4.830	274	275	278	rVB2	692688	882278	6.52%	0.265%
23	4.899	278	281	284	rVB2	854156	1763798	13.04%	0.529%
24	4.990	286	289	290	rBV	2736399	4201393	31.05%	1.261%
25	5.036	290	293	295	rVB2	1020499	2087387	15.43%	0.626%
26	5.093	295	298	303	rBV2	2649388	5425302	40.10%	1.628%
27	5.162	303	304	305	rBV	978909	1311154	9.69%	0.393%
28	5.196	305	307	309	rVB	2938753	3218633	23.79%	0.966%
29	5.230	309	310	312	rVB	1413104	1416818	10.47%	0.425%
30	5.276	312	314	318	rVB2	1529118	2603264	19.24%	0.781%
31	5.333	318	319	321	rBV	746358	1003602	7.42%	0.301%
32	5.367	321	322	325	rBV	2063923	2690237	19.88%	0.807%
33	5.413	325	326	328	rVB	1899061	2049105	15.14%	0.615%
34	5.459	328	330	335	rBV3	2017600	3968449	29.33%	1.191%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : MW-3

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-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.539	335	337	339	rVB	1057055	1335455	9.87%	0.401%
36	5.630	339	345	347	rBV2	2772365	4806928	35.53%	1.443%
37	5.699	347	351	355	rBV5	1559754	4761020	35.19%	1.429%
38	5.779	355	358	360	rVB2	3452303	5385000	39.80%	1.616%
39	5.836	360	363	365	rBV2	2008320	3384339	25.01%	1.016%
40	5.882	365	367	370	rBV4	4254282	7578978	56.01%	2.275%
41	5.939	370	372	376	rBV3	1959578	4113349	30.40%	1.234%
42	6.087	381	385	387	rBV2	2615556	4821123	35.63%	1.447%
43	6.156	387	391	397	rVB3	3580849	13531036	100.00%	4.061%
44	6.247	397	399	400	rBV	2835450	3972201	29.36%	1.192%
45	6.385	409	411	412	rBV	2312797	3346020	24.73%	1.004%
46	6.419	412	414	419	rVB3	3739144	6071198	44.87%	1.822%
47	6.499	419	421	423	rBV	1230646	1911743	14.13%	0.574%
48	6.602	427	430	432	rBV4	1216310	3582068	26.47%	1.075%
49	6.647	432	434	435	rVV2	1739886	1851126	13.68%	0.556%
50	6.682	435	437	438	rVV	3227720	3816026	28.20%	1.145%
51	6.716	438	440	442	rVV2	739839	1321302	9.76%	0.397%
52	6.807	444	448	450	rVV2	3767831	7225732	53.40%	2.169%
53	6.945	452	460	461	rBV3	3069368	11567404	85.49%	3.472%
54	6.979	461	463	464	rVV2	2052424	2520036	18.62%	0.756%
55	7.002	464	465	467	rVV	2247621	3250530	24.02%	0.976%
56	7.048	467	469	472	rVB2	2160928	3346378	24.73%	1.004%
57	7.196	478	482	483	rBV3	2893106	6189282	45.74%	1.857%
58	7.310	489	492	494	rBV3	2249593	4439718	32.81%	1.332%
59	7.379	494	498	499	rVV3	2191850	4823687	35.65%	1.448%
60	7.436	499	503	504	rVV3	2558900	6161529	45.54%	1.849%
61	7.505	507	509	511	rVV2	1159741	1316316	9.73%	0.395%
62	7.573	511	515	516	rVV3	2419850	5127901	37.90%	1.539%
63	7.630	518	520	522	rVV2	2184705	3978599	29.40%	1.194%
64	7.676	522	524	525	rVV2	2076051	3236355	23.92%	0.971%
65	7.710	525	527	529	rVV2	2101189	3182902	23.52%	0.955%
66	7.768	529	532	534	rVB2	1694200	3133984	23.16%	0.941%
67	7.813	534	536	540	rVB	1347150	2538992	18.76%	0.762%
68	7.939	540	547	548	rBV5	3137685	8586235	63.46%	2.577%
69	7.962	548	549	551	rVV2	2167120	2992943	22.12%	0.898%
70	8.019	552	554	557	rVB2	2883942	4003750	29.59%	1.202%
71	8.122	560	563	564	rBV3	1131897	2350537	17.37%	0.705%

LSC Area Percent Report

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Sample : H5609-10
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Instrument : BNA_F
ClientSampleId : MW-3

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	8.236	569	573	575	rVV4	2008532	5909431	43.67%	1.773%
73	8.293	577	578	580	rVV2	1721508	2270564	16.78%	0.681%
74	8.328	580	581	583	rVV2	2633497	2492169	18.42%	0.748%
75	8.373	583	585	587	rVV	2738997	3853830	28.48%	1.157%
76	8.545	598	600	602	rVV3	995364	2548570	18.83%	0.765%
77	8.636	606	608	610	rVB2	1554356	1775115	13.12%	0.533%
78	8.751	616	618	620	rVB3	1681033	2200253	16.26%	0.660%
79	8.842	622	626	628	rBV4	1618487	4508956	33.32%	1.353%
80	8.968	636	637	640	rVB2	2613631	2281357	16.86%	0.685%
81	9.013	640	641	644	rVB	3631900	3679572	27.19%	1.104%
82	9.322	661	668	672	rBV4	1758281	6999352	51.73%	2.101%
83	9.425	674	677	681	rVB4	3163348	7099264	52.47%	2.131%
84	9.551	685	688	690	rBV	1705850	2748739	20.31%	0.825%
85	9.631	693	695	698	rBV2	992651	2132710	15.76%	0.640%
86	9.688	698	700	703	rVB2	2209584	2600819	19.22%	0.781%
87	9.756	703	706	709	rBV	982832	1356921	10.03%	0.407%
88	9.848	711	714	720	rBV4	1500644	4381993	32.38%	1.315%
89	9.951	722	723	725	rVB2	1006123	894558	6.61%	0.268%
90	10.088	732	735	738	rVB4	540791	930006	6.87%	0.279%
91	10.316	751	755	756	rBV	1073809	1404112	10.38%	0.421%
92	10.351	756	758	759	rVV	1103922	1396616	10.32%	0.419%
93	10.476	763	769	776	rBV2	2724085	4150159	30.67%	1.246%
94	10.614	778	781	783	rBV	1667027	1880409	13.90%	0.564%
95	11.162	827	829	831	rBV	1492868	1293853	9.56%	0.388%
96	12.751	965	968	970	rVV	2991014	3346985	24.74%	1.004%
97	13.791	1057	1059	1063	rBV	963938	1056207	7.81%	0.317%
98	15.163	1177	1179	1183	rVV	796860	1030754	7.62%	0.309%
99	15.757	1229	1231	1240	rVB	497985	1240987	9.17%	0.372%
100	16.134	1261	1264	1268	rVB	529895	997801	7.37%	0.299%

Sum of corrected areas: 333210218

LSC Report - Integrated Chromatogram

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Data File : BF091155.D
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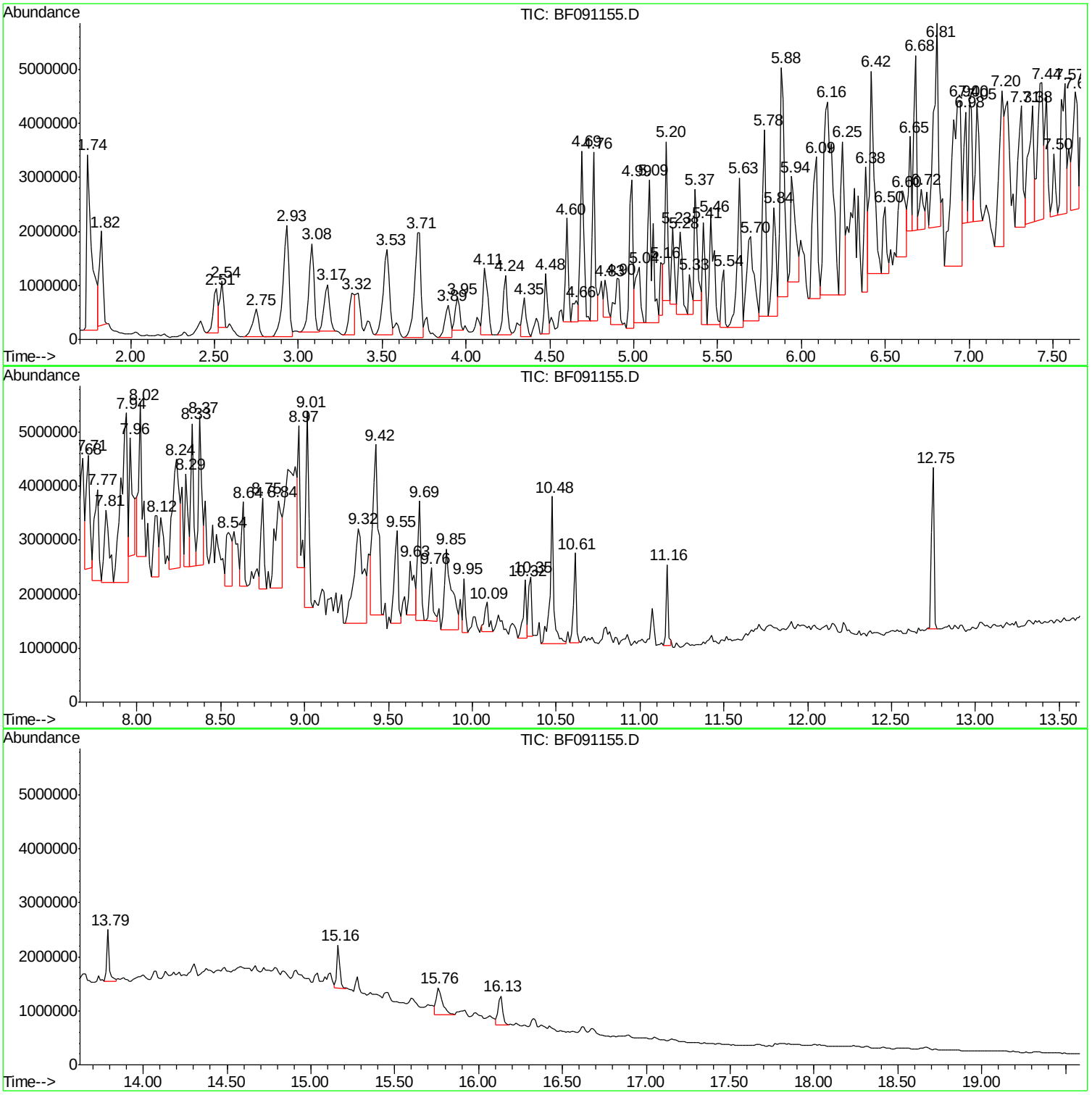
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091155.D
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Operator : UM/SJ
Sample : H5609-10
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

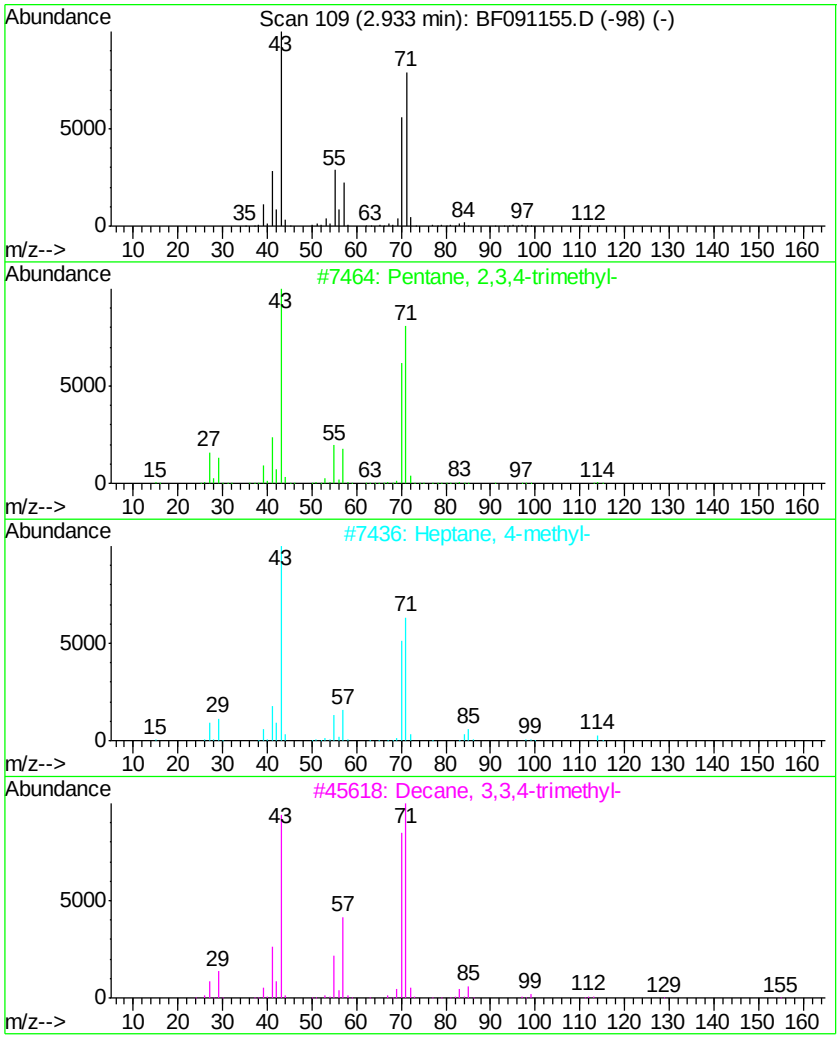
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

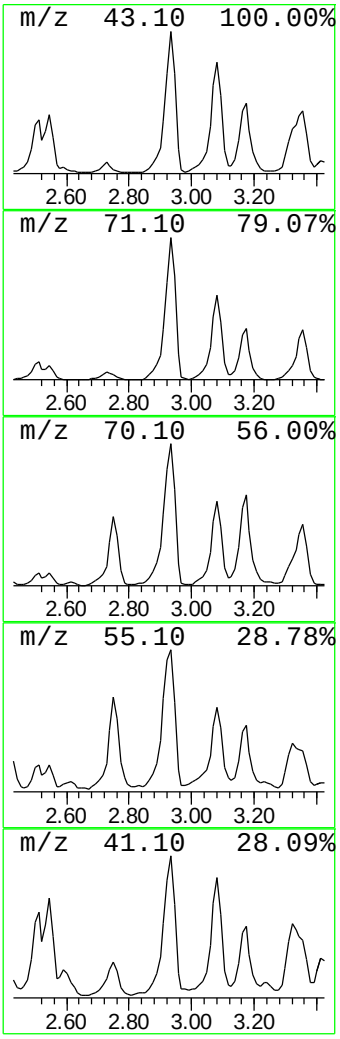
****

Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	57.13 ng	5287980	1,4-Dichlorobenzene-d4	6.65

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	83
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

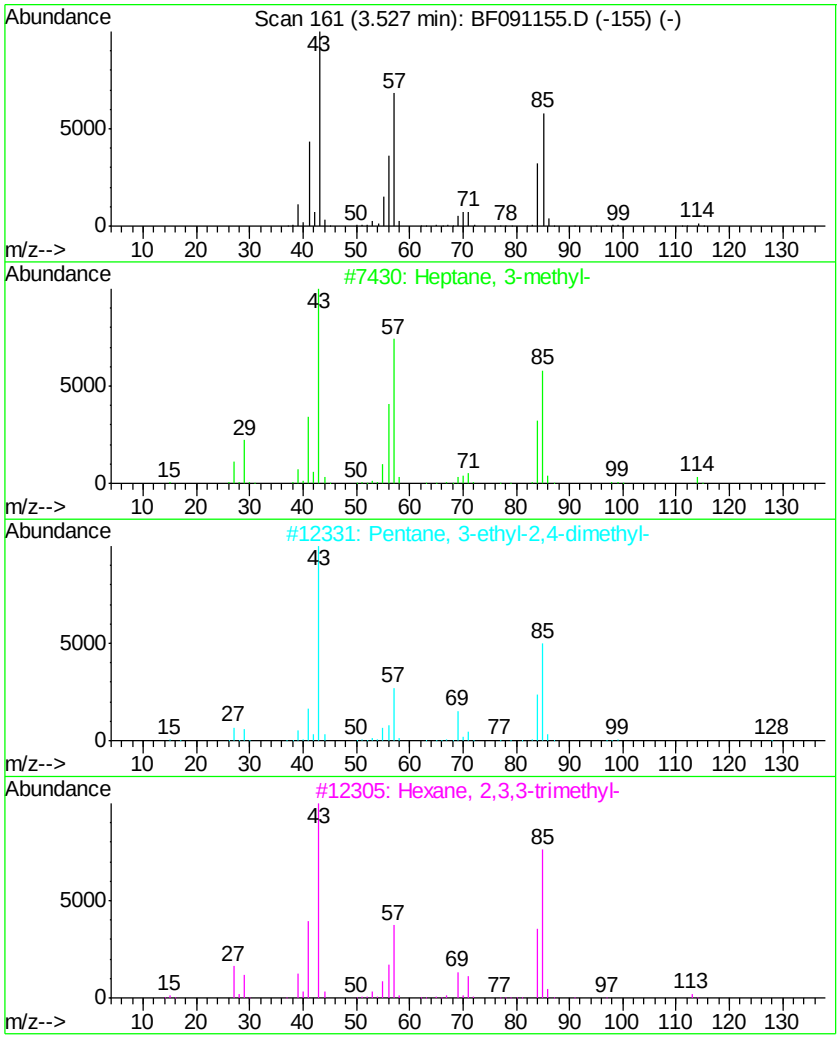
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

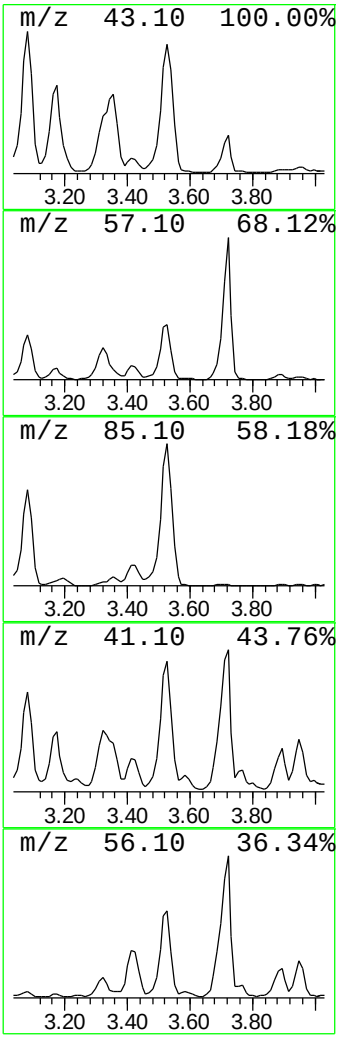
****

Peak Number 3 Heptane, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	43.63 ng	4037990	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	83
2	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	72
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	72
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
5	Hexane, 2-methyl-	100	C7H16	000591-76-4	64





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Sample : H5609-10
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Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

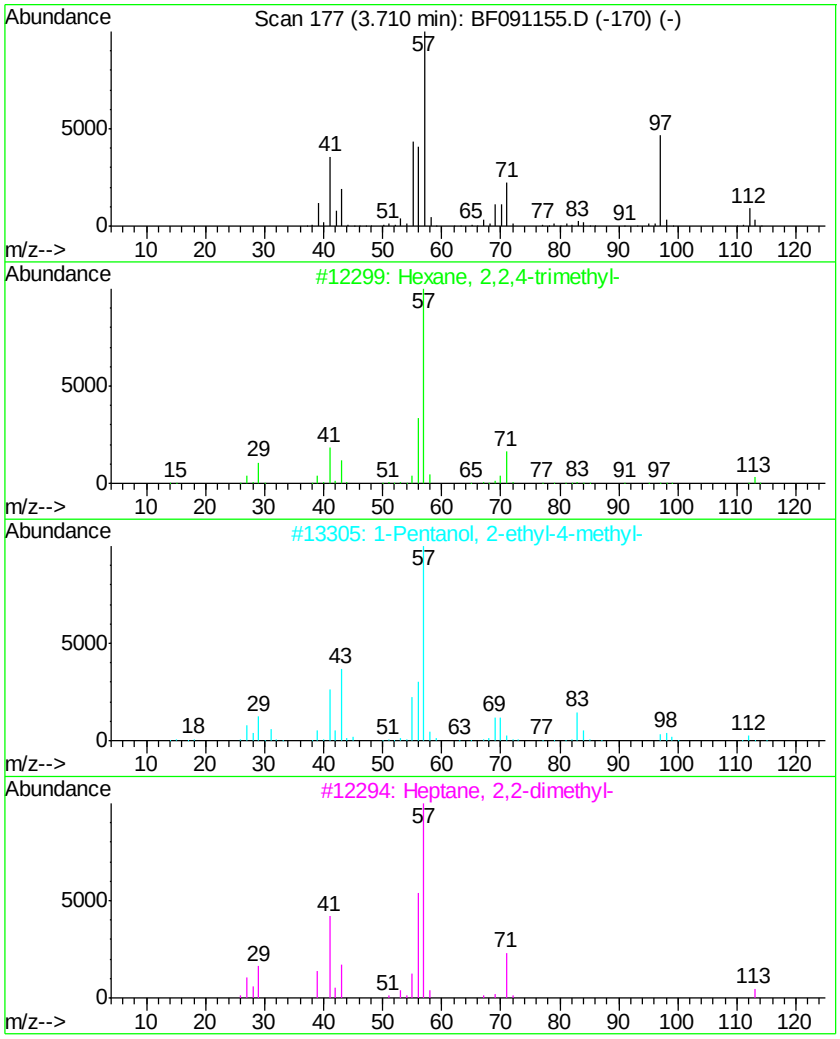
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

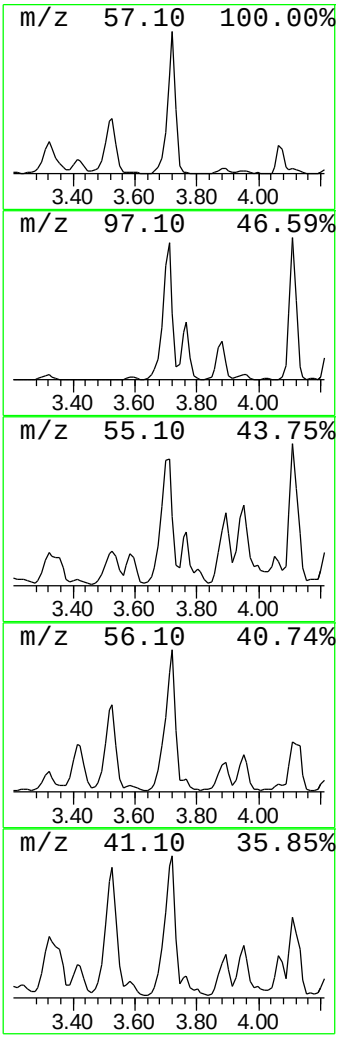
****

Peak Number 4 unknown3.71 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	55.64 ng	5150060	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	38
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	38
3	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	38
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	37





Library Search Compound Report

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Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

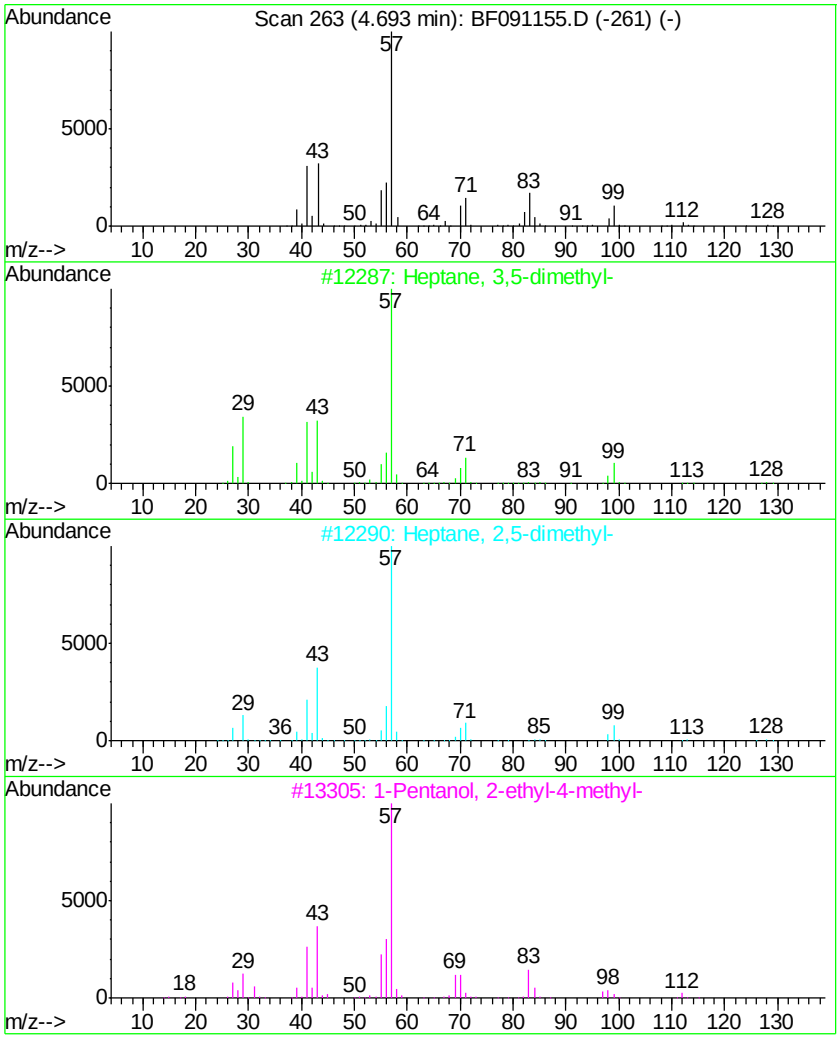
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

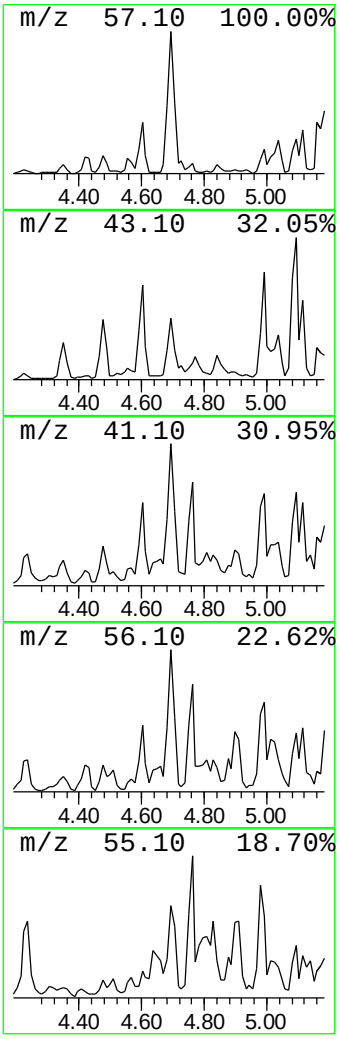
****

Peak Number 5 Heptane, 3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	46.76 ng	4327640	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	76
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	53
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	47





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Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

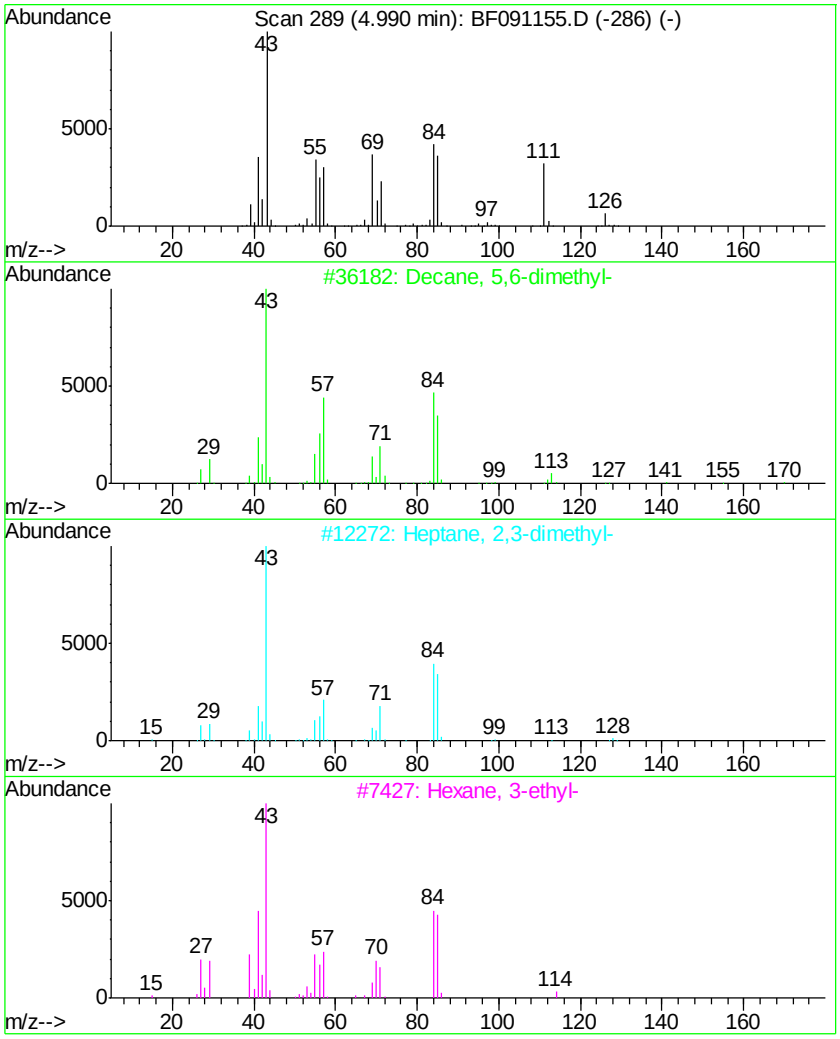
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

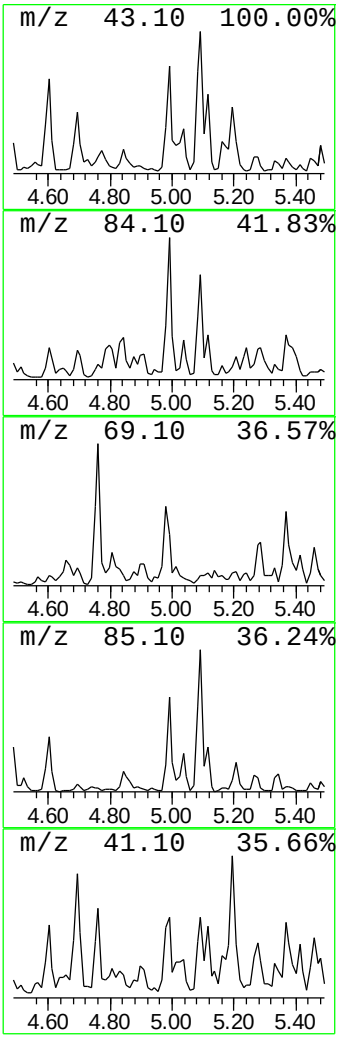
****

Peak Number 6 Decane, 5,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	45.39 ng	4201390	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	59
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	59
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53
4	1-Octene, 4-methyl-	126	C9H18	013151-12-7	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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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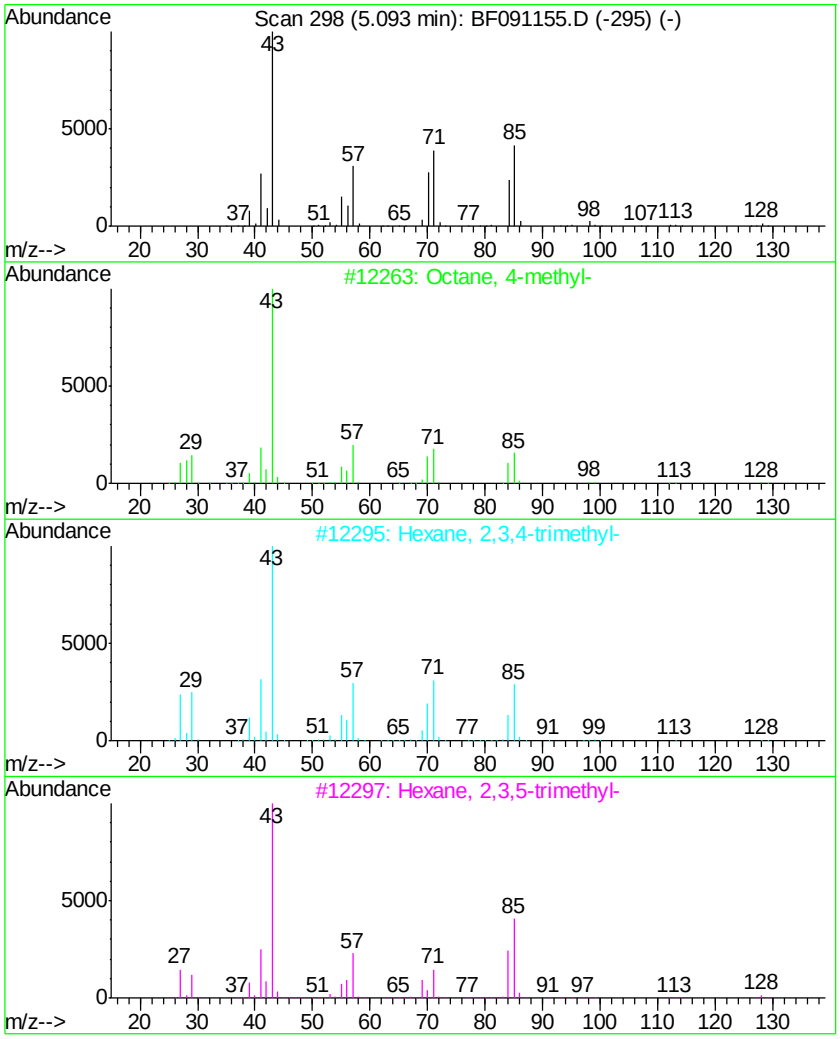
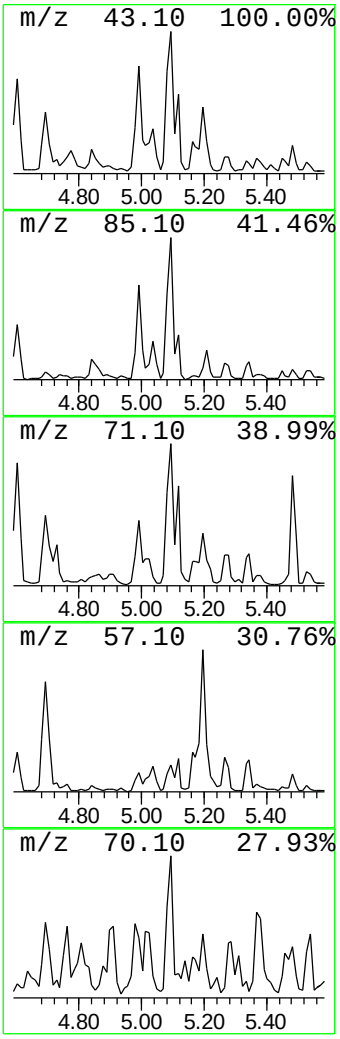
Peak Number 7 Octane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	58.62 ng	5425300	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	58
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
5	Hexane, 3-ethyl-	114	C8H18	000619-99-8	53





Library Search Compound Report

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Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

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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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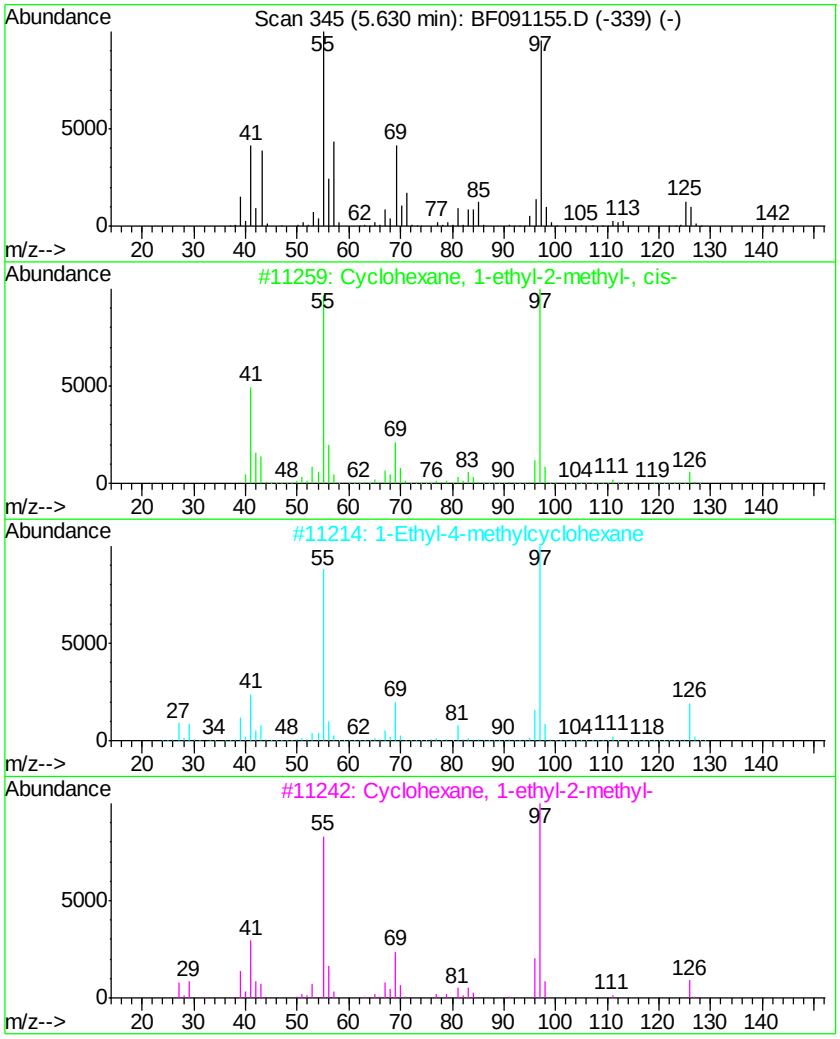
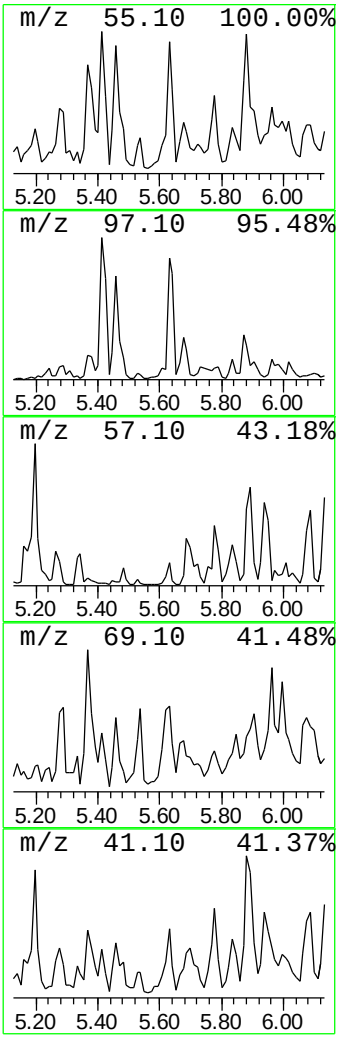
Peak Number 8 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	51.94 ng	4806930	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	62
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	53





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ClientSampleId : MW-3

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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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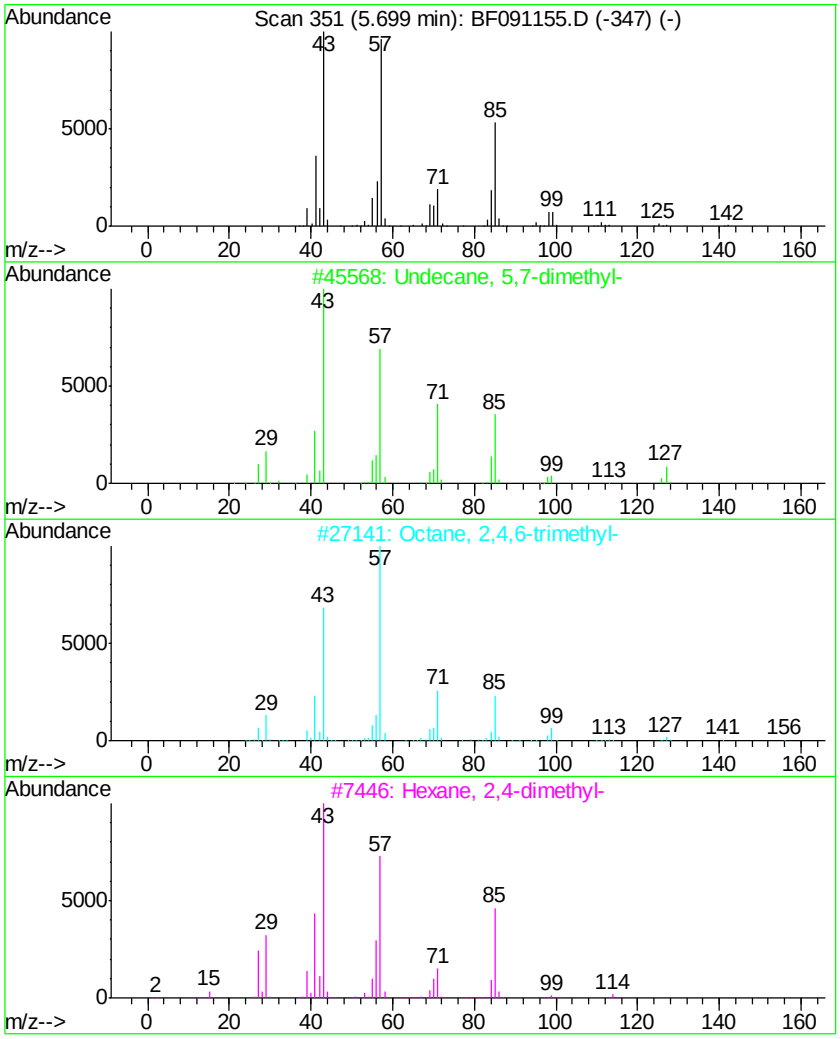
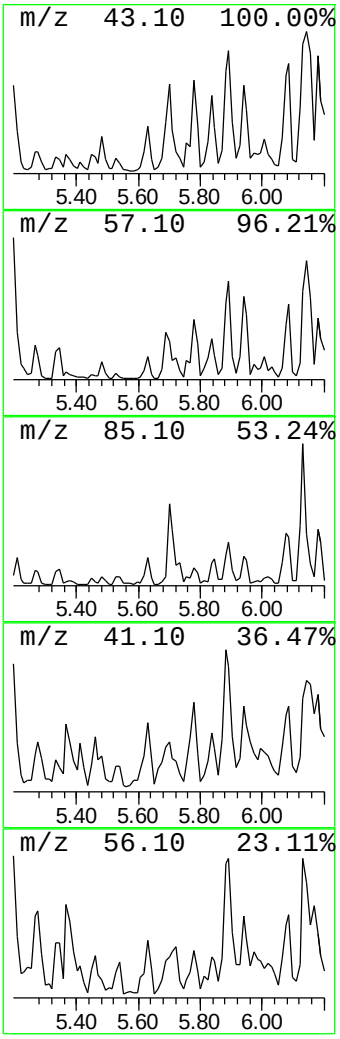
Peak Number 9 Undecane, 5,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	51.44 ng	4761020	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	78
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50





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ClientSampleId : MW-3

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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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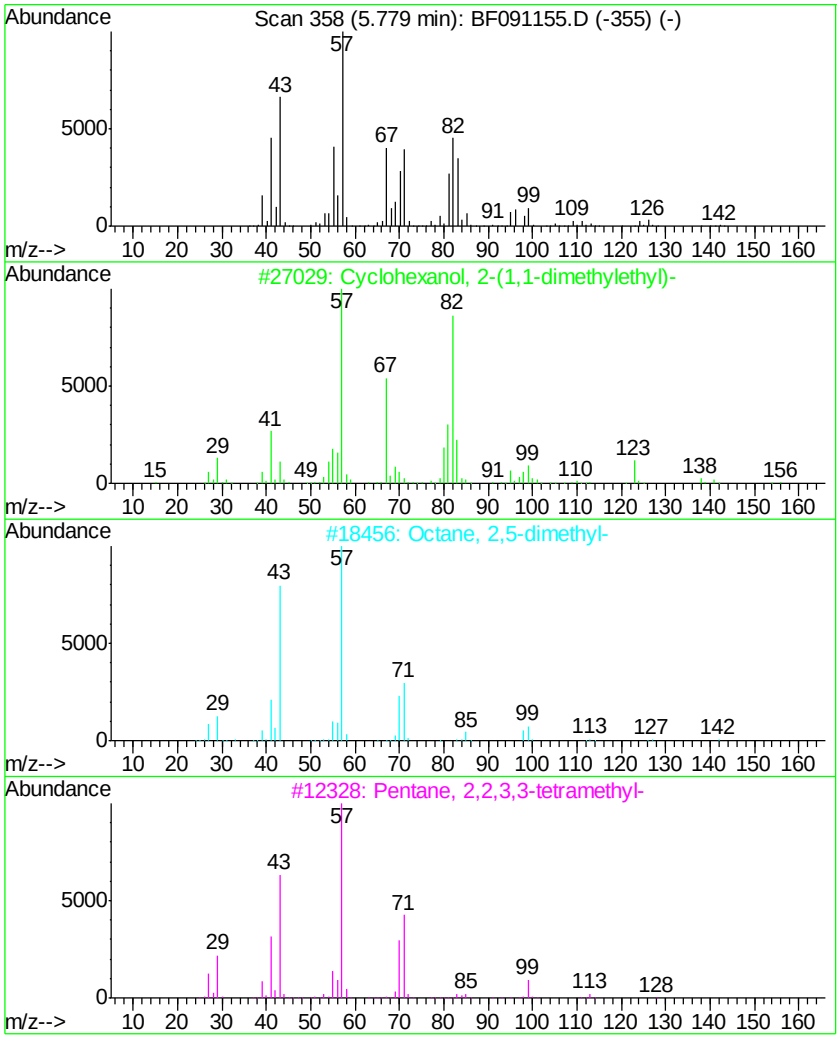
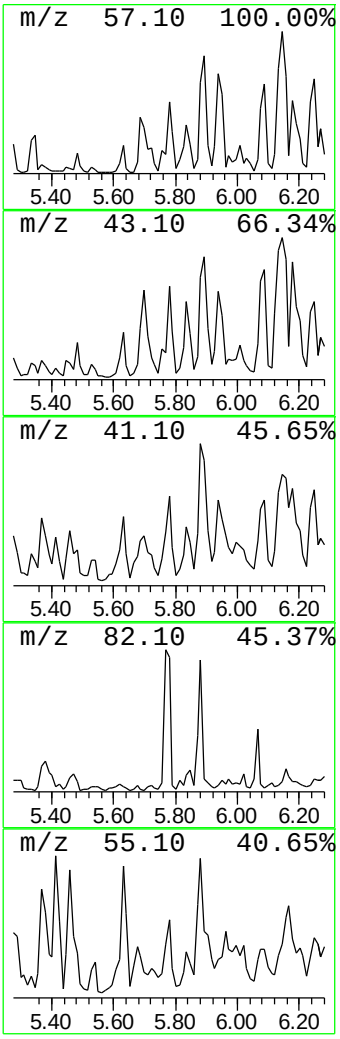
Peak Number 10 unknown5.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.78	58.18 ng	5385000	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	43
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	35
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	27
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	27





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ClientSampleId : MW-3

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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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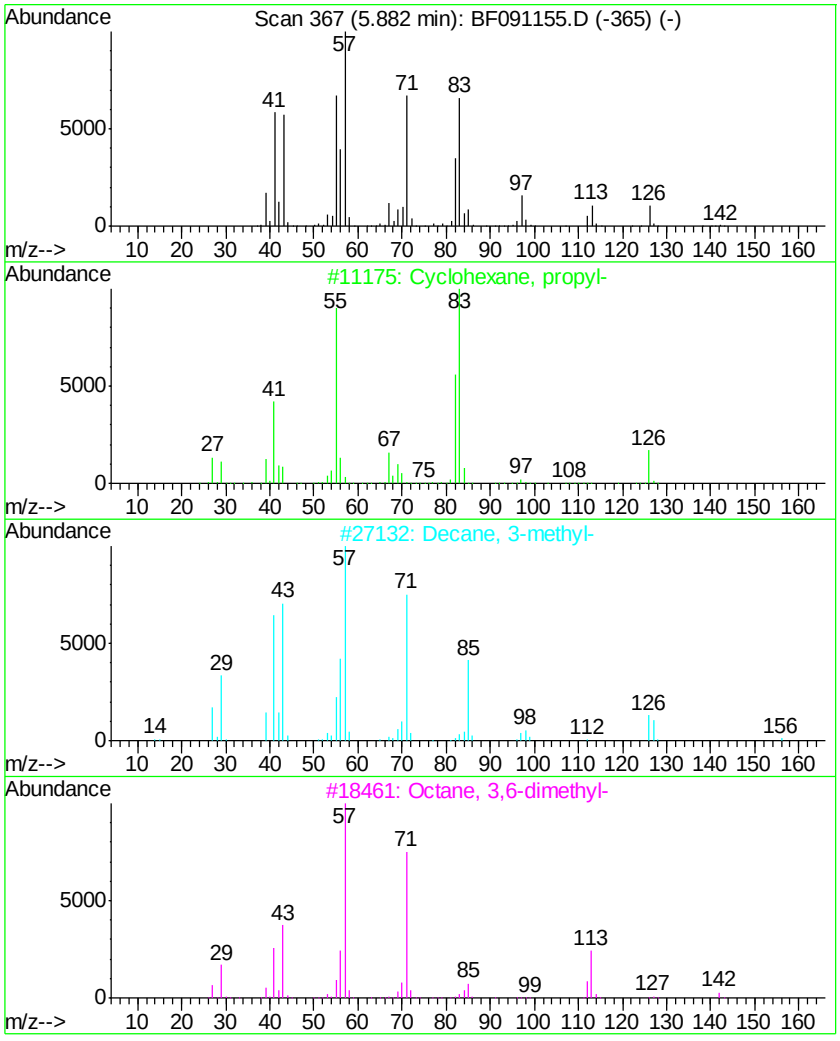
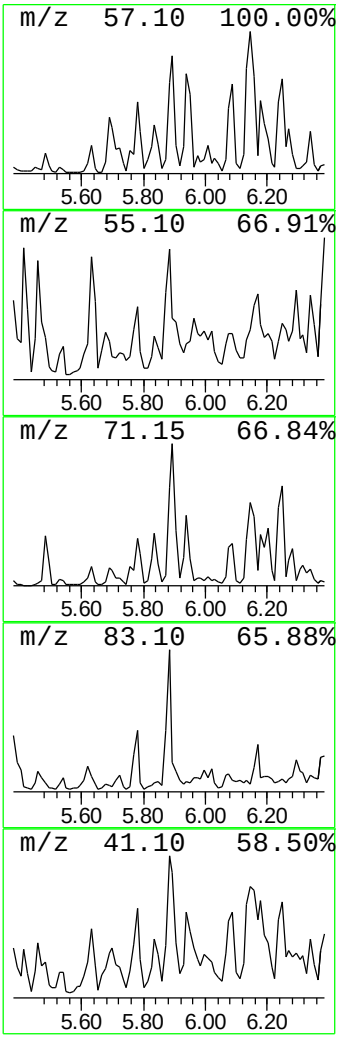
Peak Number 11 unknown5.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.88	81.89 ng	7578980	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	42
2	Decane, 3-methyl-	156	C11H24	013151-34-3	38
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	35
5	Oxirane, (3-methylbutyl)-	114	C7H14O	053229-41-7	35





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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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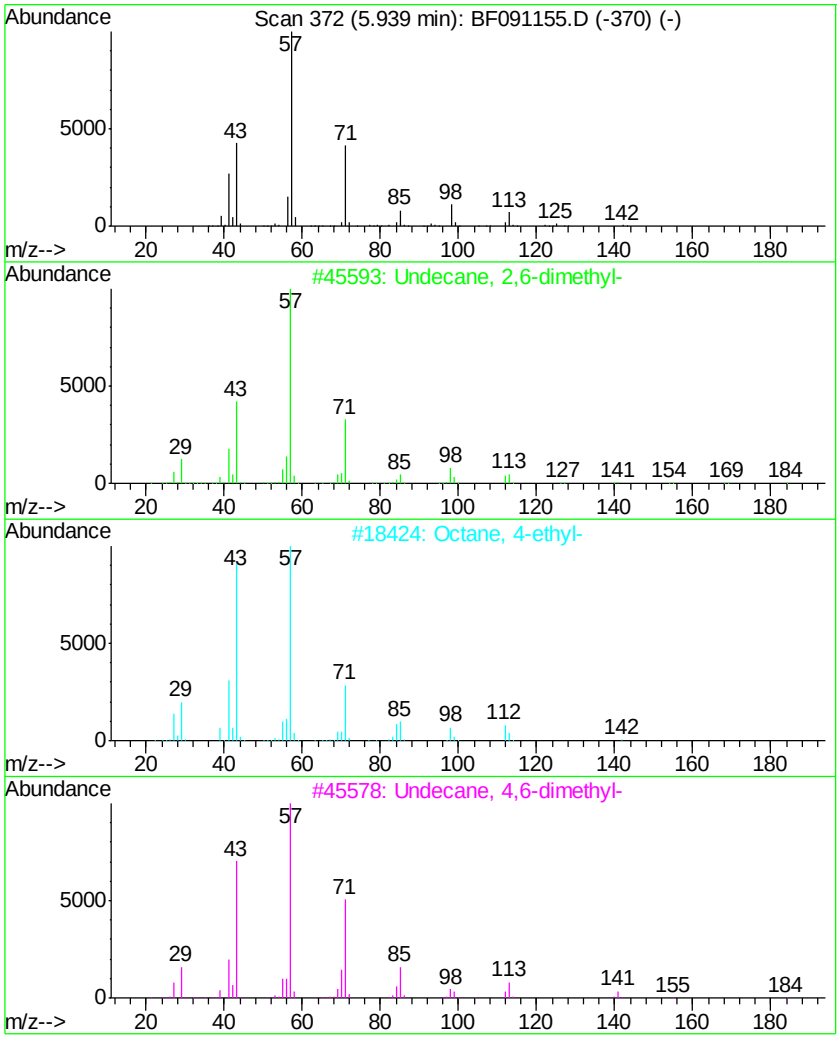
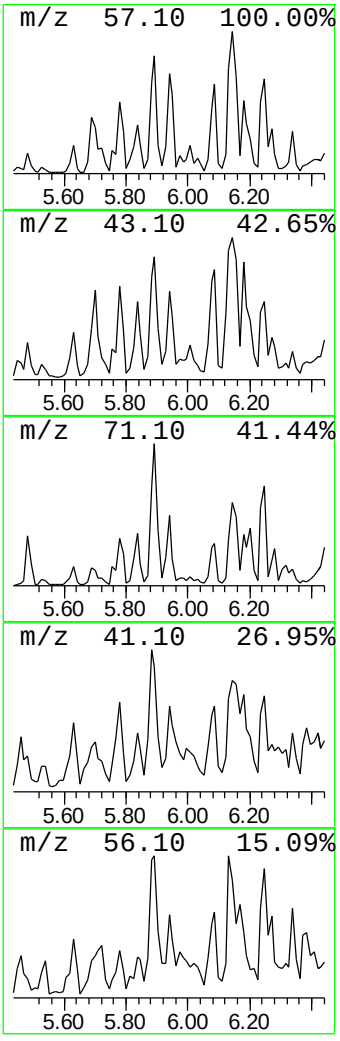
Peak Number 12 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	44.44 ng	4113350	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	64





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ClientSampleId : MW-3

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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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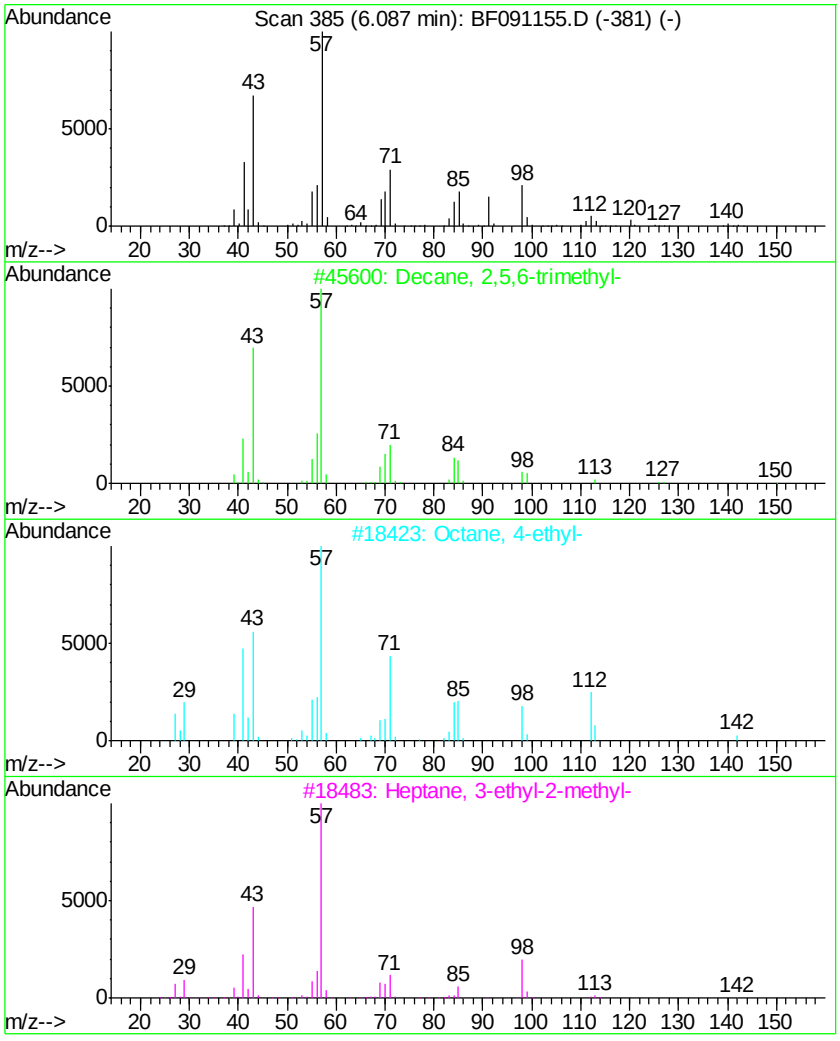
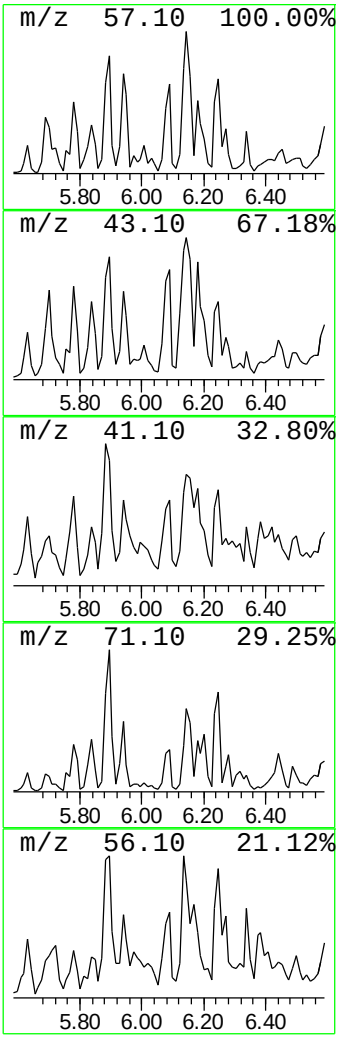
Peak Number 13 Decane, 2,5,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	52.09 ng	4821120	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47





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Instrument : BNA_F
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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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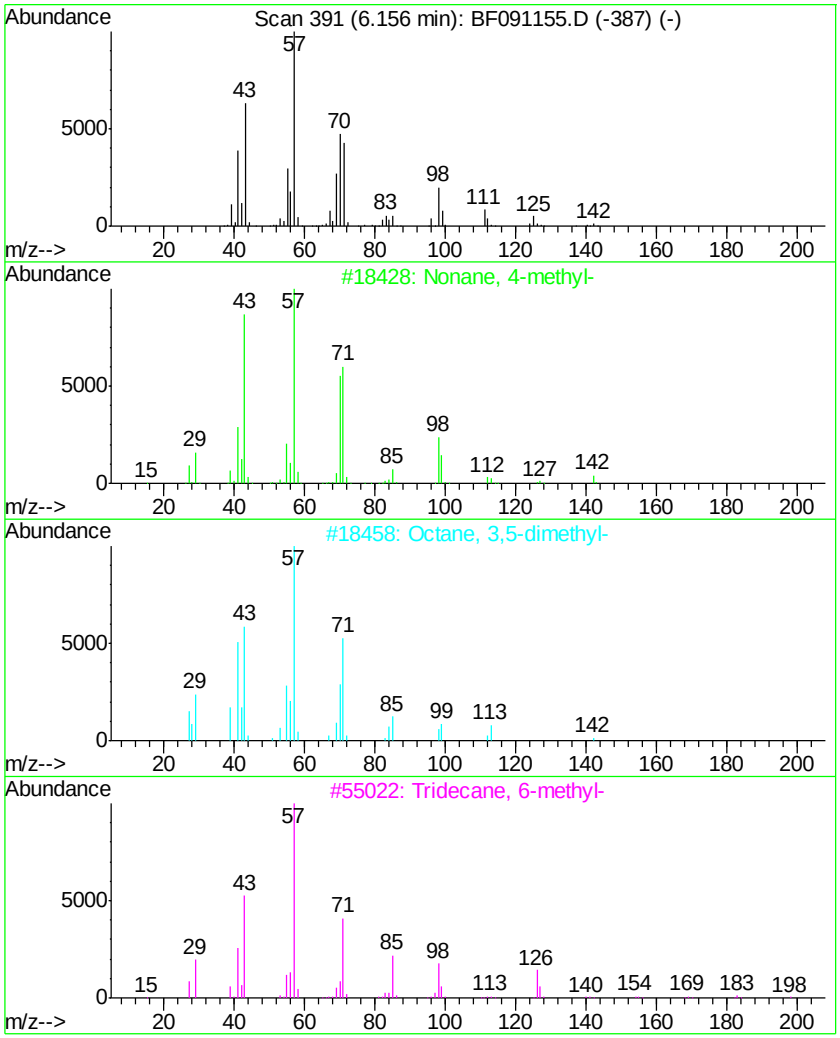
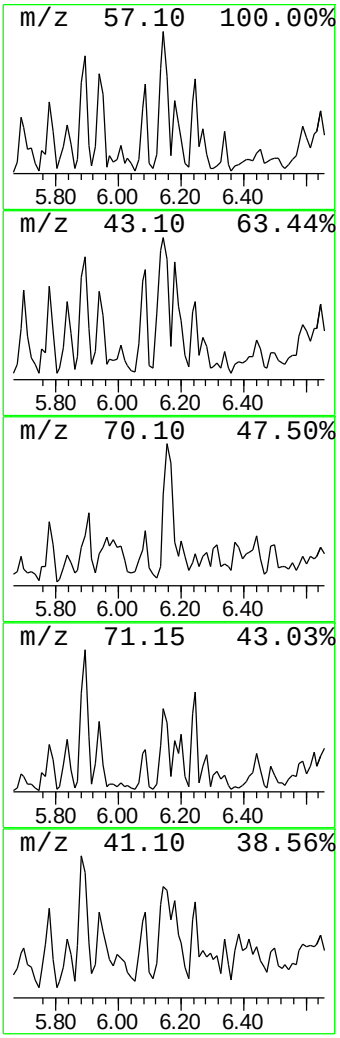
Peak Number 14 Nonane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	146.19 ng	13531000	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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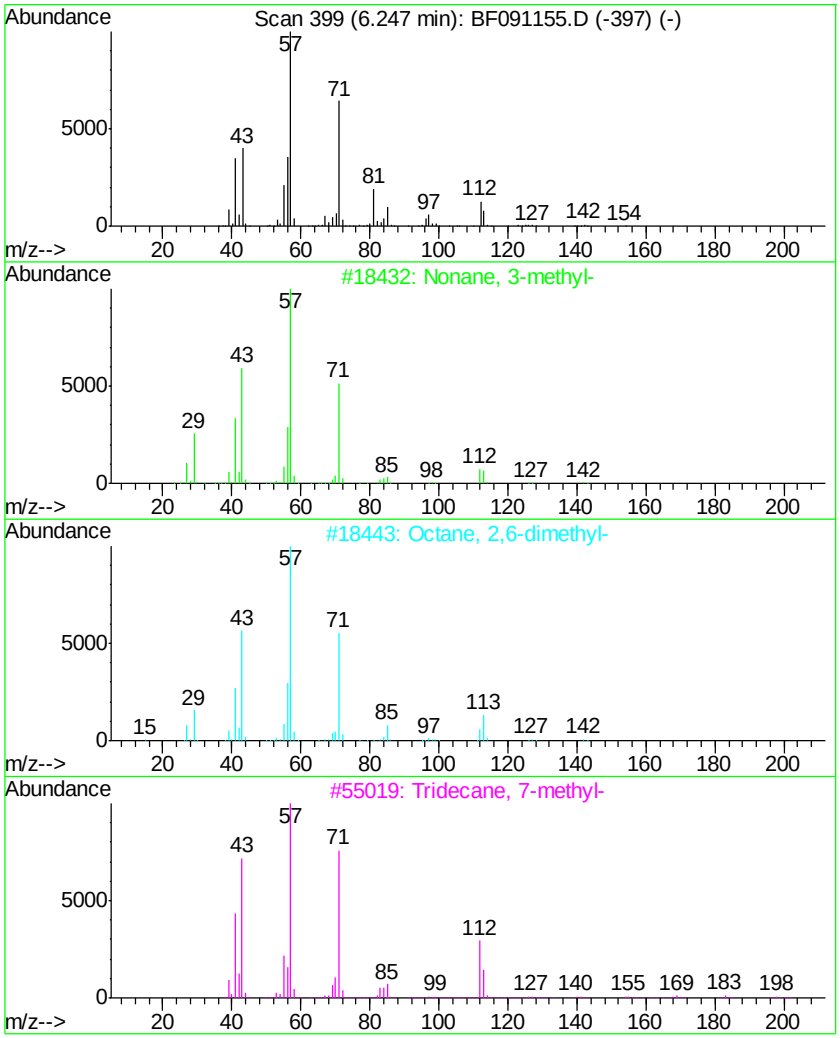
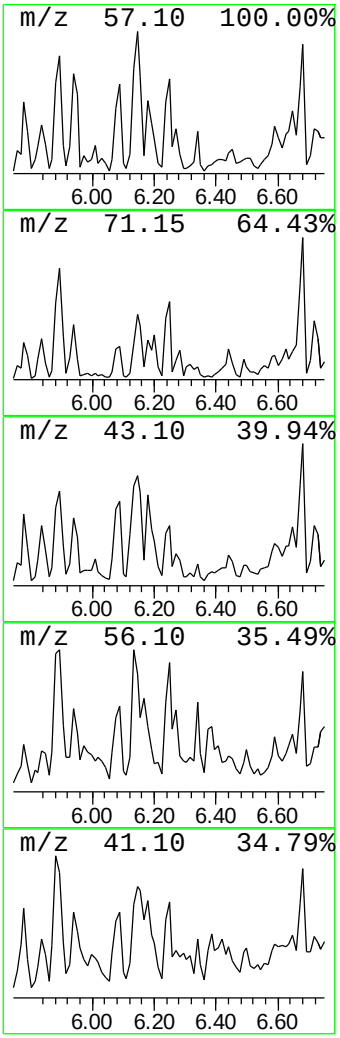
Peak Number 15 Nonane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	42.92 ng	3972200	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	53





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TIC Library : C:\DATABASE\NIST02.L
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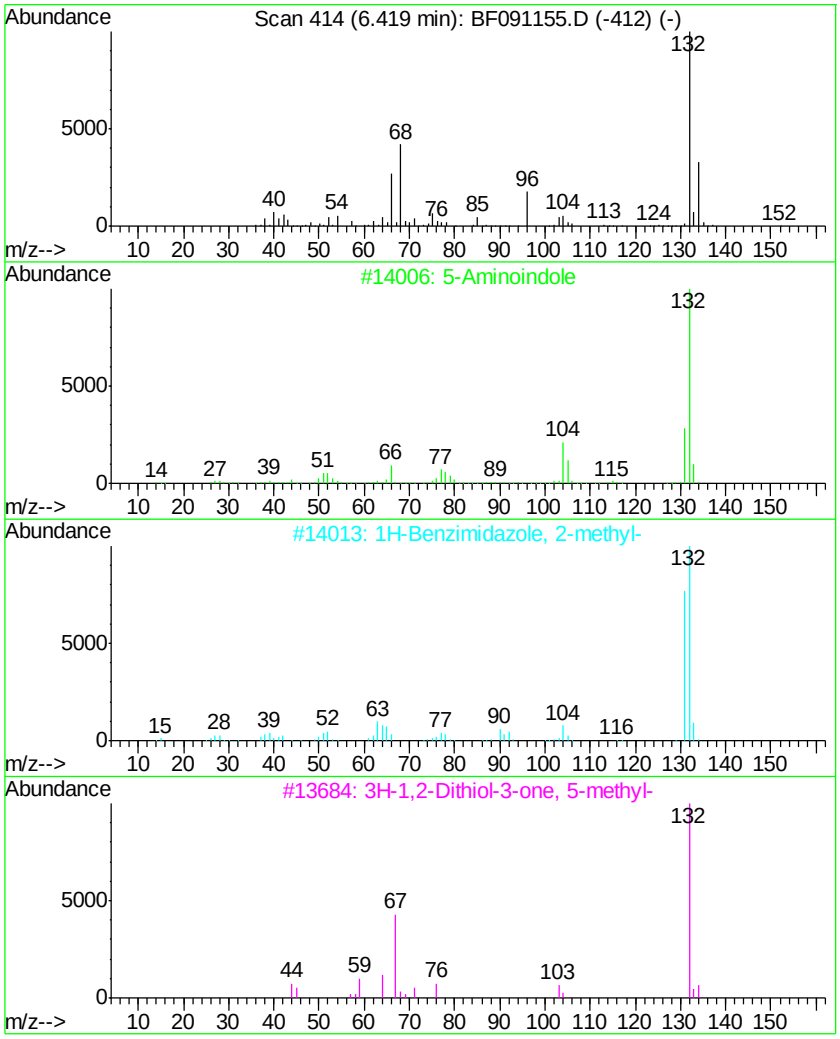
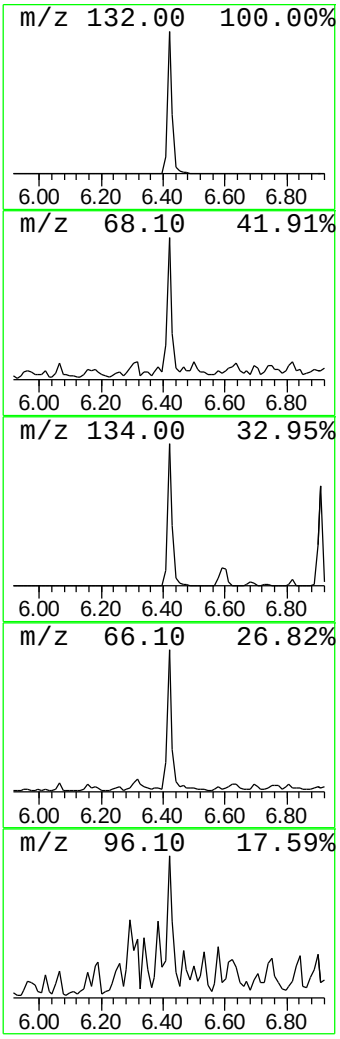
Peak Number 16 unknown6.42 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	65.59 ng	6071200	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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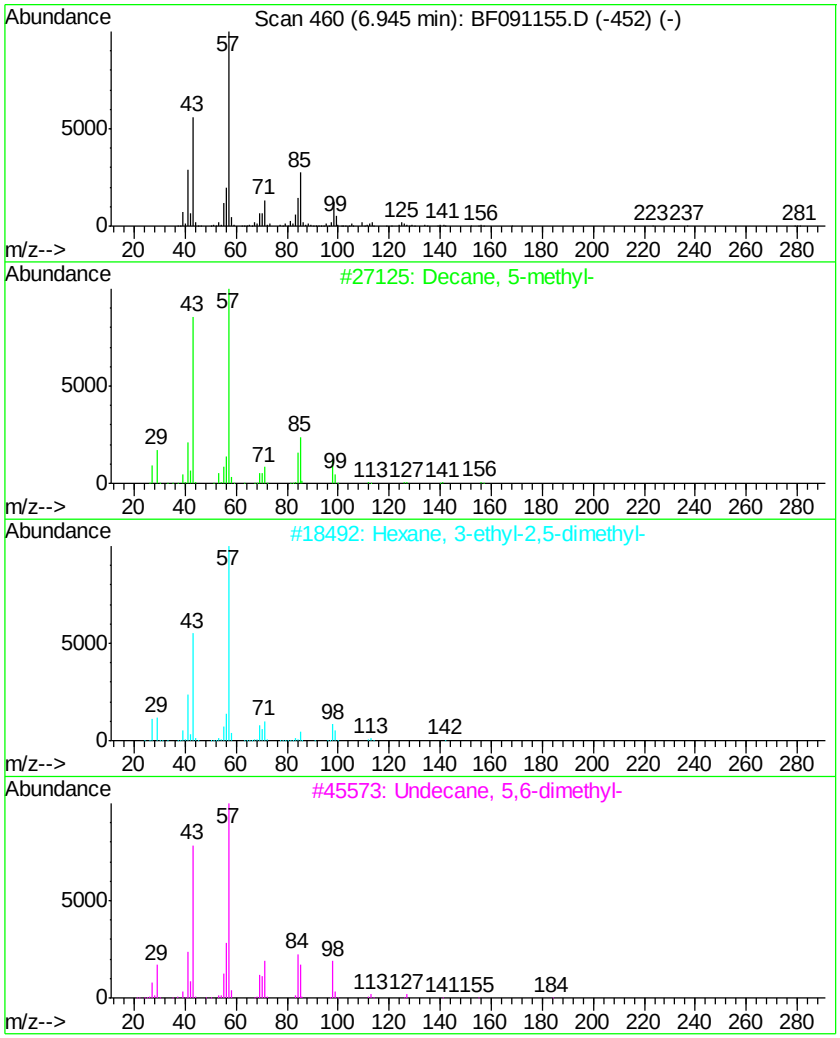
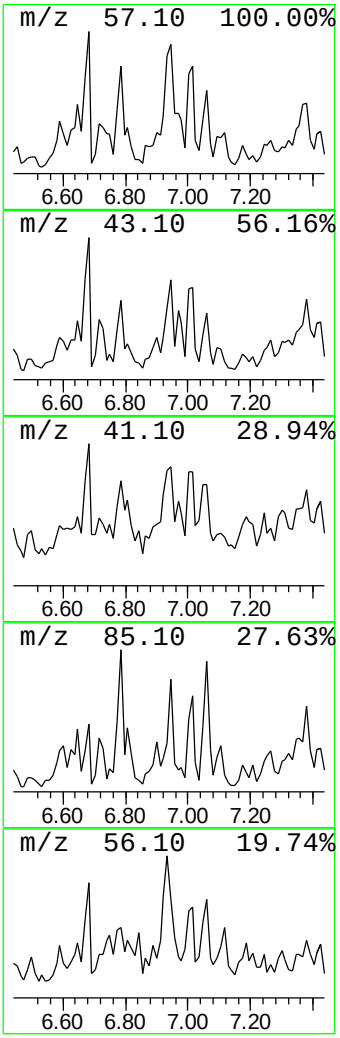
Peak Number 18 Decane, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.94	124.98 ng	11567400	1,4-Dichlorobenzene-d4	6.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
3	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	50
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	47





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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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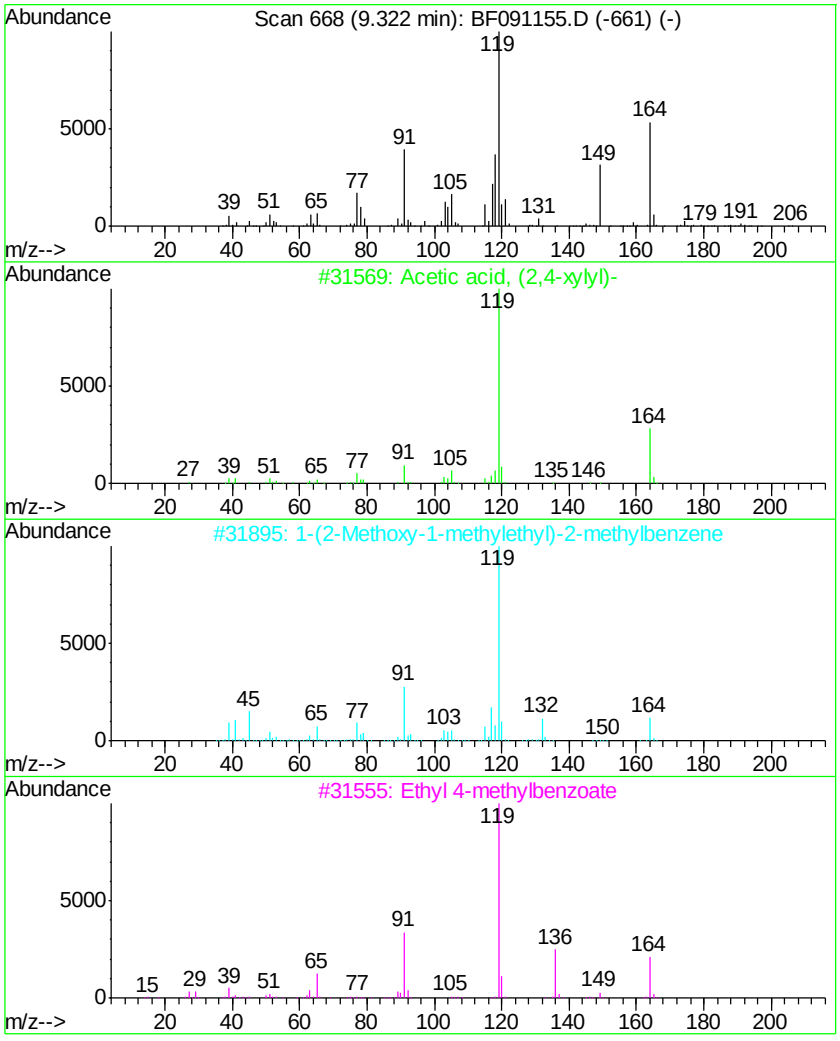
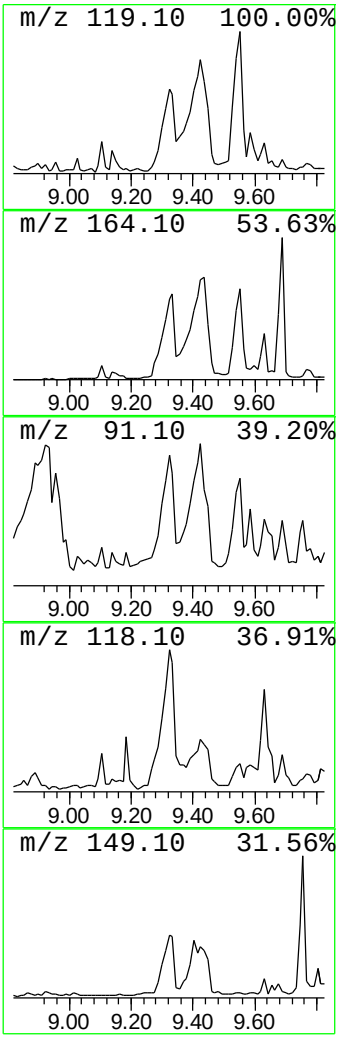
Peak Number 19 Acetic acid, (2,4-xylyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	53.82 ng	6999350	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	58
2	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	53
3	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	53
4	3,4-Dimethylbenzyl isothiocyanate	177	C10H11NS	206559-59-3	38
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	38





Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

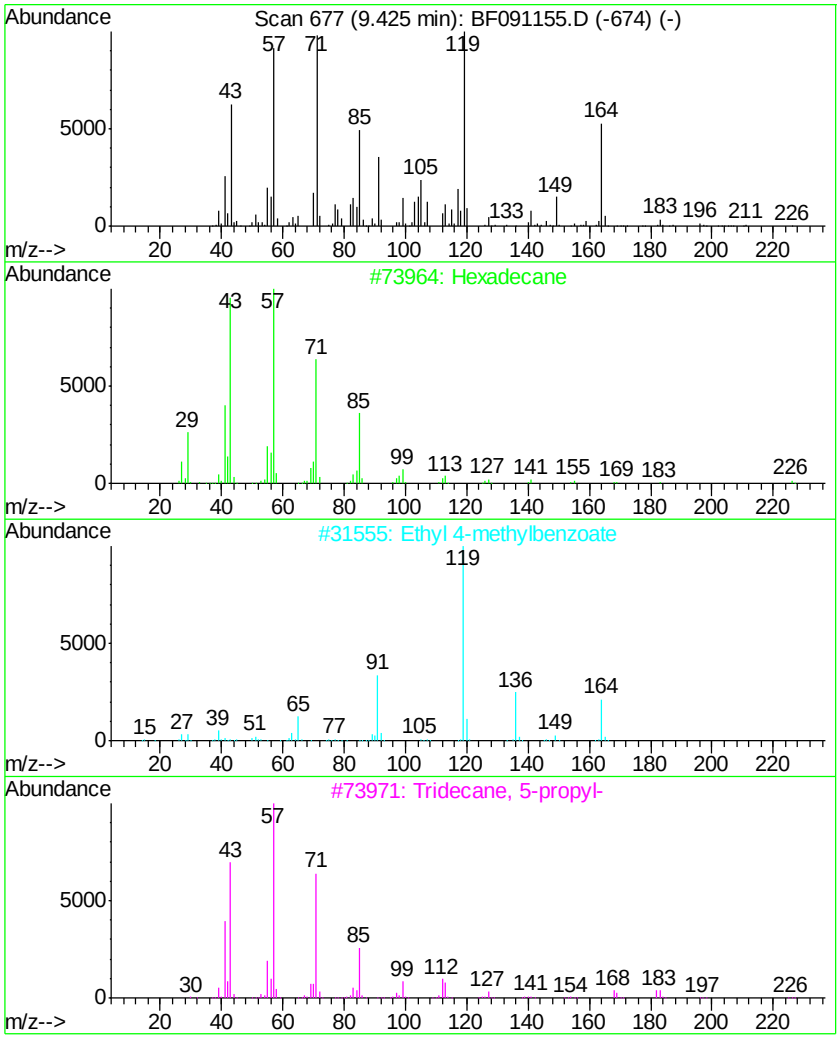
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

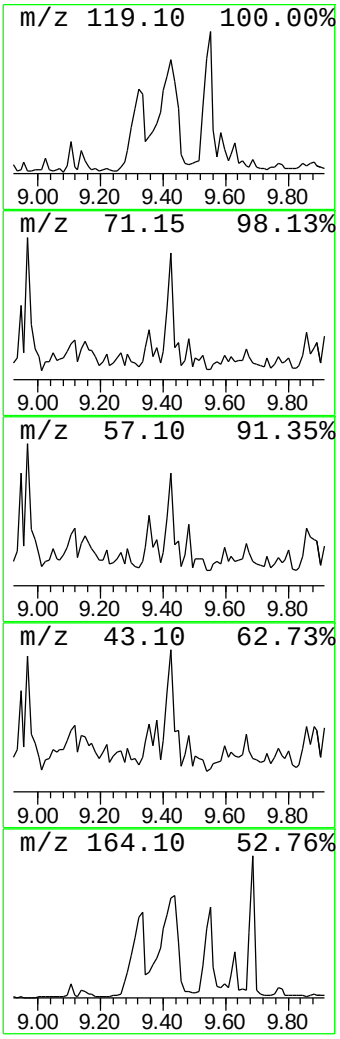
****

Peak Number 20 unknown9.42 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	54.59 ng	7099260	Acenaphthene-d10	9.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	42
2	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	38
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	38
4	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	35
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111116\
Data File : BF091155.D
Acq On : 11 Nov 2016 22:08
Operator : UM/SJ
Sample : H5609-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
Pentane, 2,3,4-tr...	2.93	57.1	ng	5287980	1	6.65	1851130	20.0
Heptane, 3-methyl-	3.53	43.6	ng	4037990	1	6.65	1851130	20.0
unknown3.71	3.71	55.6	ng	5150060	1	6.65	1851130	20.0
Heptane, 3,5-dime...	4.69	46.8	ng	4327640	1	6.65	1851130	20.0
Decane, 5,6-dimet...	4.99	45.4	ng	4201390	1	6.65	1851130	20.0
Octane, 4-methyl-	5.09	58.6	ng	5425300	1	6.65	1851130	20.0
Cyclohexane, 1-et...	5.63	51.9	ng	4806930	1	6.65	1851130	20.0
Undecane, 5,7-dim...	5.70	51.4	ng	4761020	1	6.65	1851130	20.0
unknown5.78	5.78	58.2	ng	5385000	1	6.65	1851130	20.0
unknown5.88	5.88	81.9	ng	7578980	1	6.65	1851130	20.0
Undecane, 2,6-dim...	5.94	44.4	ng	4113350	1	6.65	1851130	20.0
Decane, 2,5,6-tri...	6.09	52.1	ng	4821120	1	6.65	1851130	20.0
Nonane, 4-methyl-	6.16	146.2	ng	13531000	1	6.65	1851130	20.0
Nonane, 3-methyl-	6.25	42.9	ng	3972200	1	6.65	1851130	20.0
unknown6.42	6.42	65.6	ng	6071200	1	6.65	1851130	20.0
Decane, 5-methyl-	6.94	125.0	ng	11567400	1	6.65	1851130	20.0
Acetic acid, (2,4...	9.32	53.8	ng	6999350	3	9.69	2600820	20.0
unknown9.42	9.42	54.6	ng	7099260	3	9.69	2600820	20.0