LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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-BF123115.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	3.675	128	139	144	rBV2	91478	185904	4.34%	0.232%
2	4.887	239	245	248	rBV3	102012	201798	4.71%	0.252%
3	4.967	248	252	254	rBV	1800250	2762384	64.48%	3.447%
4	5.344	282	285	287	rBV2	272691	468128	10.93%	0.584%
5	5.390	287	289	292	rVB	3043563	3332053	77.78%	4.158%
6	5.618	307	309	313	rVB3	111435	199753	4.66%	0.249%
7	5.790	321	324	326	rBV2	229858	288745	6.74%	0.360%
8	5.927	334	336	339	rVB2	156980	230649	5.38%	0.288%
9	6.030	344	345	348	rVB	325929	358496	8.37%	0.447%
10	6.224	359	362	365	rBV2	147740	287776	6.72%	0.359%
11	6.316	367	370	371	rVV2	218055	326021	7.61%	0.407%
12	6.384	374	376	378	rBV	168833	183398	4.28%	0.229%
13	6.441	378	381	383	rVV	2725895	4000103	93.37%	4.991%
14	6.556	389	391	394	rVV	2787565	3816051	89.08%	4.761%
15	6.613	394	396	400	rVB2	355346	580669	13.55%	0.725%
16	6.796	410	412	415	rVB2	866281	1264070	29.51%	1.577%
17	6.853	415	417	418	rBV	213467	218054	5.09%	0.272%
18	6.944	423	425	427	rVV	2693442	2763429	64.51%	3.448%
19	7.070	429	436	438	rBV3	185654	472379	11.03%	0.589%
20	7.116	438	440	441	rBV2	345384	347981	8.12%	0.434%
21	7.184	444	446	448	rBV2	242523	261712	6.11%	0.327%
22	7.287	451	455	456	rBV2	123035	183882	4.29%	0.229%
23	7.356	456	461	464	rBV2	2234689	3137622	73.24%	3.915%
24	7.447	466	469	471	rBV3	184151	286179	6.68%	0.357%
25	7.573	477	480	481	rBV	397223	576032	13.45%	0.719%
26	7.596	481	482	484	rVB2	435498	394270	9.20%	0.492%
27	7.733	487	494	495	rBV6	232387	845643	19.74%	1.055%
28	7.756	495	496	499	rVB2	201482	274100	6.40%	0.342%
29	7.813	499	501	506	rBV4	442484	904704	21.12%	1.129%
30	7.904	506	509	511	rVB4	201722	338162	7.89%	0.422%
31	7.950	511	513	515	rBV	221061	245108	5.72%	0.306%
32	8.076	518	524	528	rBV2	1938896	3666282	85.58%	4.575%
33	8.133	528	529	534	rVV3	313543	785403	18.33%	0.980%
34	8.247	537	539	541	rBV3	95418	181745	4.24%	0.227%

LSC Area Percent Report

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Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.373	548	550	554	rVB4	279026	550918	12.86%	0.687%
36	8.464	557	558	560	rVB	455048	379399	8.86%	0.473%
37	8.510	560	562	564	rBV	744909	852389	19.90%	1.064%
38	8.544	564	565	567	rVB	321678	274698	6.41%	0.343%
39	8.590	567	569	570	rBV	136390	176340	4.12%	0.220%
40	8.682	575	577	578	rBV2	435679	507694	11.85%	0.633%
41	8.716	578	580	583	rVV4	187810	381043	8.89%	0.475%
42	8.796	583	587	588	rVB	779448	1077764	25.16%	1.345%
43	8.887	593	595	600	rVB	443353	545476	12.73%	0.681%
44	8.990	600	604	606	rBV5	191136	410536	9.58%	0.512%
45	9.070	610	611	613	rVV2	187560	188435	4.40%	0.235%
46	9.104	613	614	616	rVB	375311	467835	10.92%	0.584%
47	9.162	616	619	621	rVB	4262935	4283975	100.00%	5.345%
48	9.242	623	626	628	rBV2	494336	824312	19.24%	1.029%
49	9.299	628	631	633	rVV4	156689	409218	9.55%	0.511%
50	9.344	633	635	638	rVV2	146002	325115	7.59%	0.406%
51	9.424	639	642	644	rVV2	350753	638256	14.90%	0.796%
52	9.493	644	648	651	rVV	667275	1140803	26.63%	1.423%
53	9.562	651	654	656	rVV3	979350	2161736	50.46%	2.697%
54	9.607	656	658	661	rVB2	296332	480740	11.22%	0.600%
55	9.699	663	666	668	rBV2	543431	735879	17.18%	0.918%
56	9.745	668	670	671	rVV	878684	708761	16.54%	0.884%
57	9.779	671	673	675	rVV2	255081	284395	6.64%	0.355%
58	9.836	675	678	679	rVV	1609092	1857567	43.36%	2.318%
59	9.870	679	681	685	rVV4	195238	340303	7.94%	0.425%
60	9.939	685	687	689	rVB2	231605	321428	7.50%	0.401%
61	9.996	689	692	693	rBV3	106955	185384	4.33%	0.231%
62	10.030	693	695	697	rVB	285077	346507	8.09%	0.432%
63	10.076	697	699	700	rVB	257004	221586	5.17%	0.276%
64	10.156	703	706	709	rBV3	301315	576503	13.46%	0.719%
65	10.236	711	713	715	rBV2	357388	448838	10.48%	0.560%
66	10.373	724	725	726	rBV	206213	194849	4.55%	0.243%
67	10.487	733	735	738	rVB2	407613	559550	13.06%	0.698%
68	10.545	738	740	742	rVB3	122879	198713	4.64%	0.248%
69	10.625	744	747	749	rBV	2396377	2748370	64.15%	3.429%
70	10.659	749	750	753	rVB2	162246	195639	4.57%	0.244%
71	10.762	756	759	761	rBV	977606	1422183	33.20%	1.775%

LSC Area Percent Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.922	771	773	775	rBV3	92393	172740	4.03%	0.216%
73	10.956	775	776	779	rVB3	154233	189550	4.42%	0.237%
74	11.196	795	797	798	rVV	213282	265895	6.21%	0.332%
75	11.219	798	799	802	rVB	415338	422685	9.87%	0.527%
76	11.310	805	807	811	rBV2	1081627	1660211	38.75%	2.072%
77	11.619	833	834	837	rVB2	192740	184711	4.31%	0.230%
78	11.848	852	854	856	rVB	160529	200079	4.67%	0.250%
79	11.928	859	861	865	rVB4	248457	453819	10.59%	0.566%
80	12.293	892	893	896	rVB2	103359	183069	4.27%	0.228%
81	12.362	897	899	901	rBV	153289	208643	4.87%	0.260%
82	12.408	901	903	905	rVV	137849	208789	4.87%	0.261%
83	12.522	911	913	916	rBV	1228882	1184684	27.65%	1.478%
84	12.751	930	933	935	rBV	1261479	1286758	30.04%	1.606%
85	12.899	944	946	949	rVB	3136462	3056273	71.34%	3.813%
86	12.968	949	952	956	rBV4	109654	203748	4.76%	0.254%
87	13.082	958	962	964	rVB2	177272	329040	7.68%	0.411%
88	13.185	969	971	972	rBV	205080	223568	5.22%	0.279%
89	13.699	1013	1016	1017	rBV2	123590	187876	4.39%	0.234%
90	13.836	1027	1028	1034	rVB4	79777	196616	4.59%	0.245%
91	13.951	1034	1038	1043	rBV2	1222513	2481814	57.93%	3.097%
92	14.956	1124	1126	1131	rBV	706152	1362214	31.80%	1.700%
93	15.059	1133	1135	1137	rVB	164445	173229	4.04%	0.216%
94	15.242	1148	1151	1154	rVB	400082	524606	12.25%	0.655%
95	15.299	1154	1156	1159	rVV	521107	615216	14.36%	0.768%
96	15.357	1159	1161	1167	rVB2	724705	1078450	25.17%	1.346%
97	16.408	1250	1253	1260	rVB6	77517	195050	4.55%	0.243%
98	16.717	1276	1280	1283	rBV2	237834	456050	10.65%	0.569%
99	17.117	1312	1315	1320	rVB	203957	422331	9.86%	0.527%
100	19.185	1493	1496	1506	rVB	59179	225558	5.27%	0.281%

Sum of corrected areas: 80145094

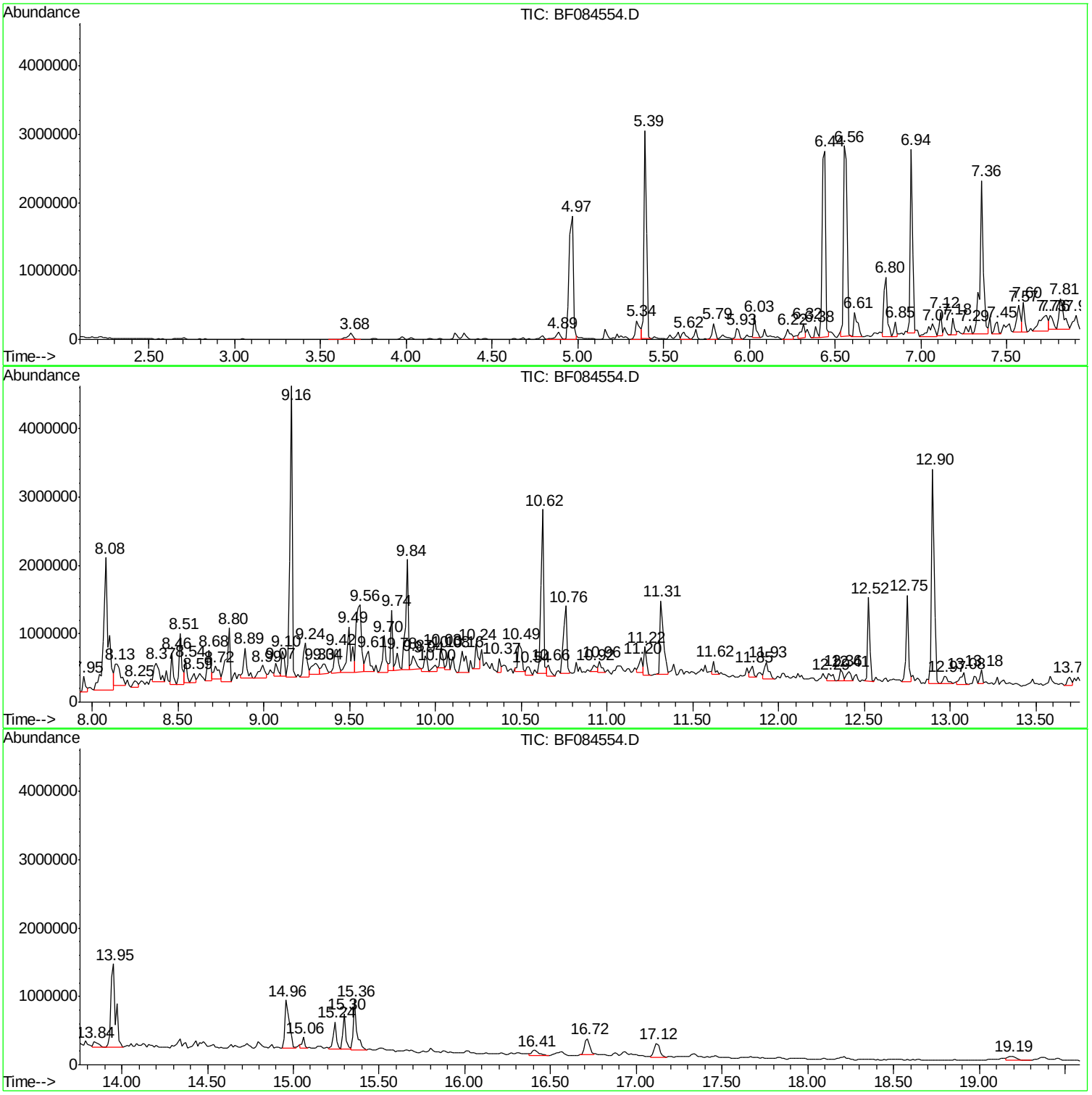
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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\BF011916\
Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
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Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

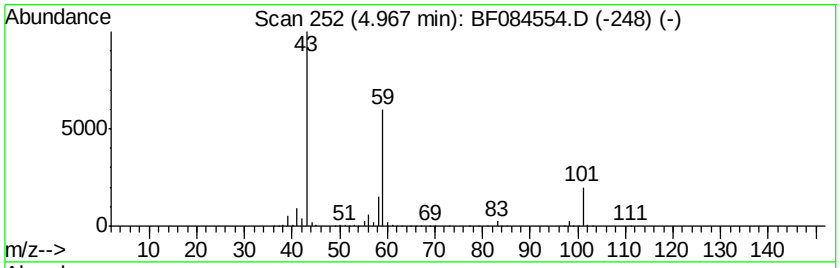
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

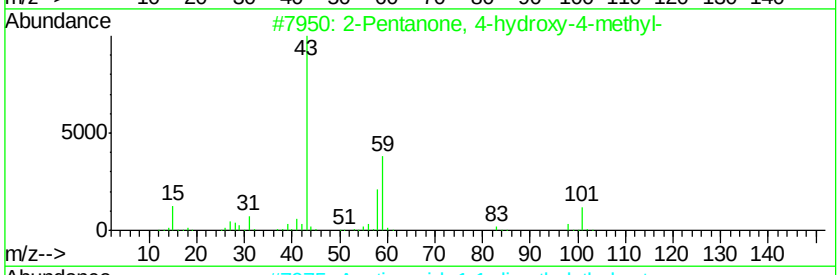
****

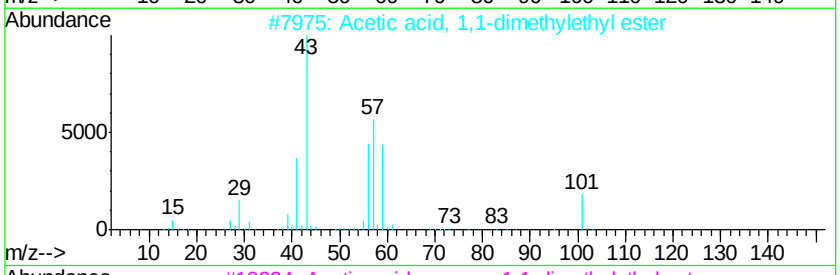
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

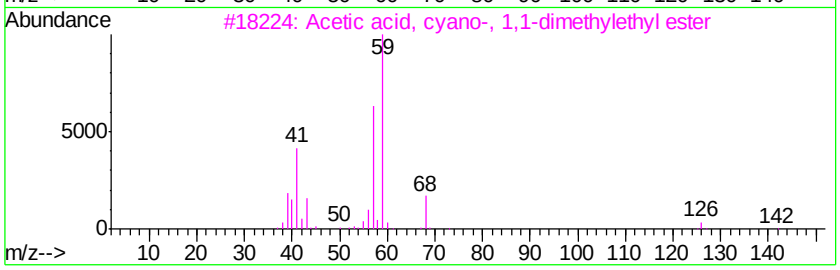
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	43.71 ng	2762380	1,4-Dichlorobenzene-d4	6.80

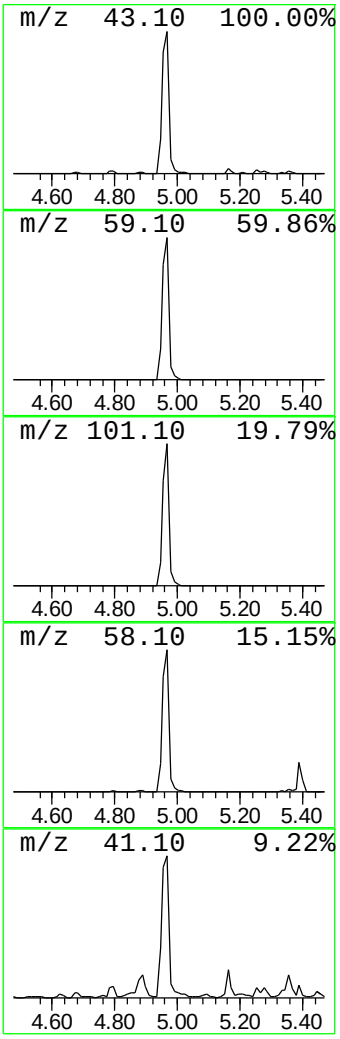
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9











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Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

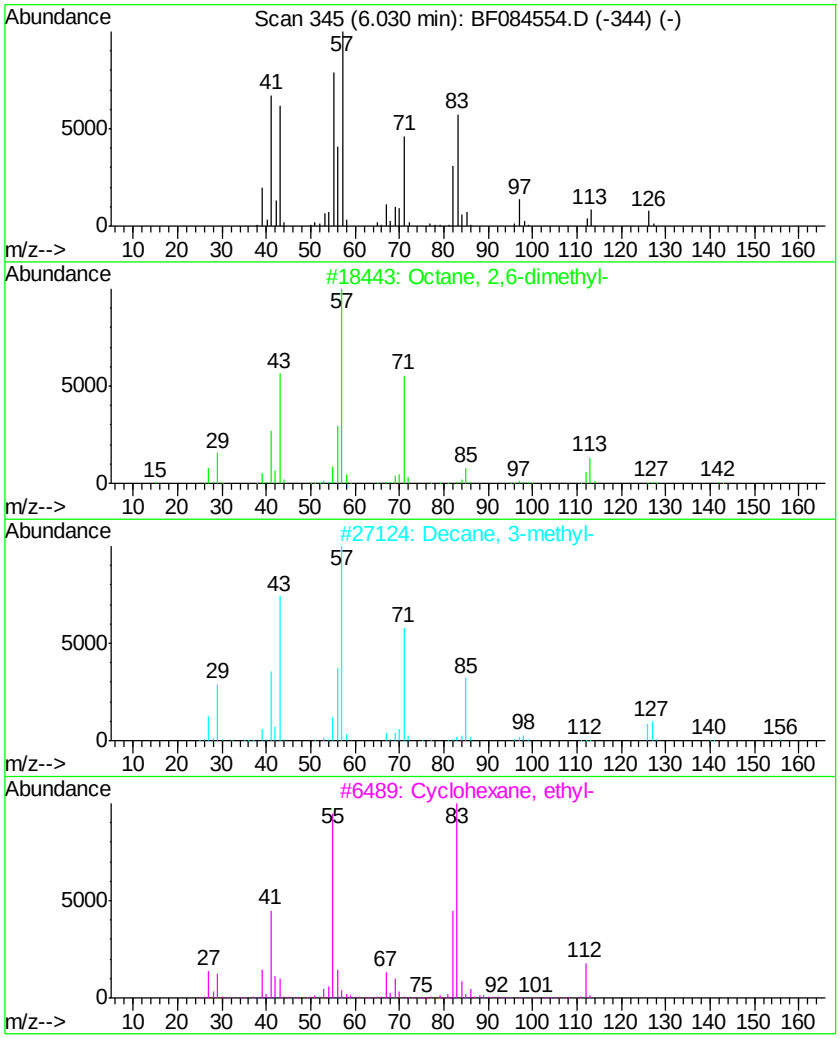
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

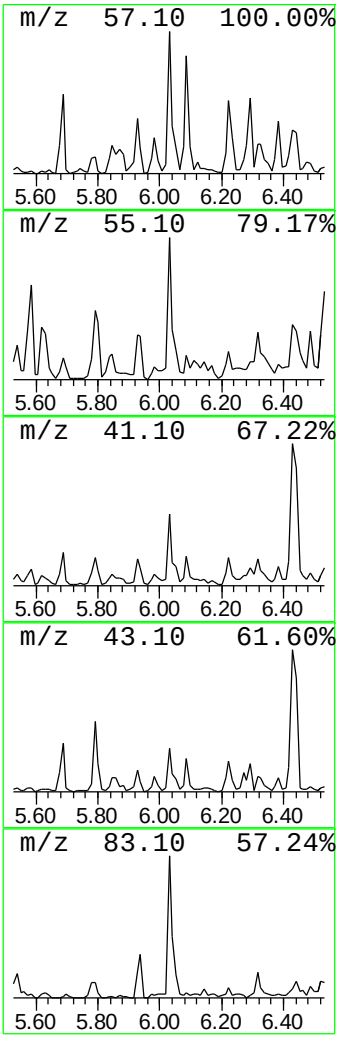
****

Peak Number 2 unknown6.03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.03	5.67 ng	358496	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
2	Decane, 3-methyl-	156	C11H24	013151-34-3	35
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	35
4	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	27
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	27





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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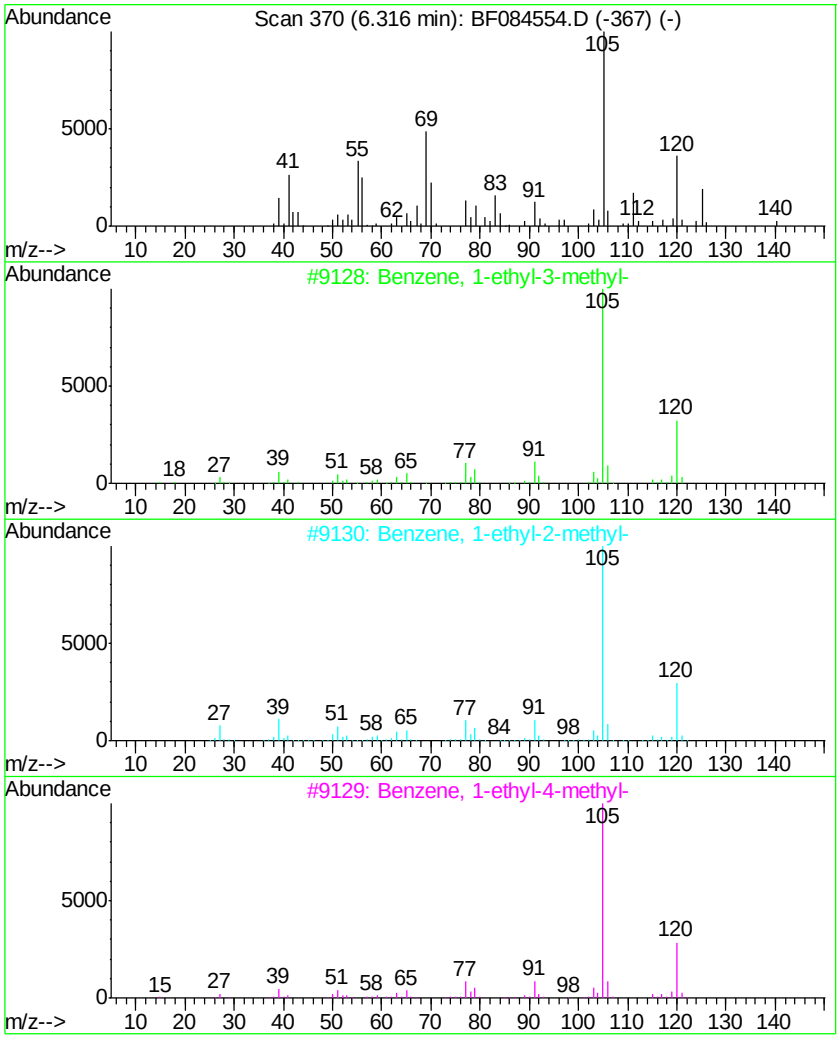
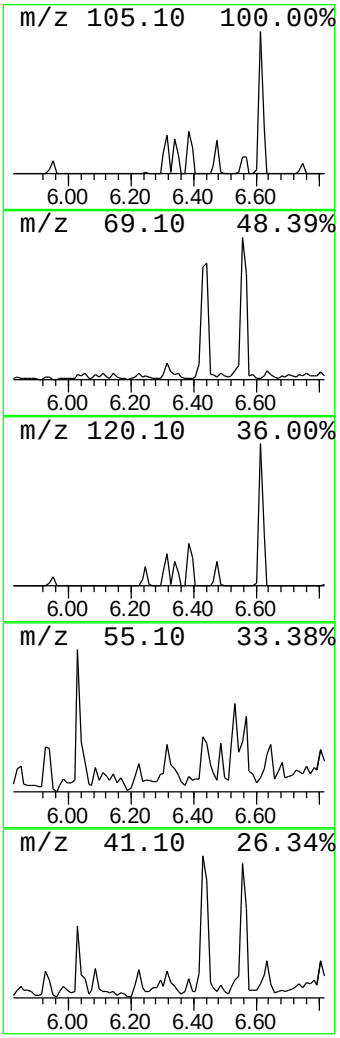
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	5.16 ng	326021	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	89
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	42
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	42





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Sample : H1169-01
Misc :
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Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

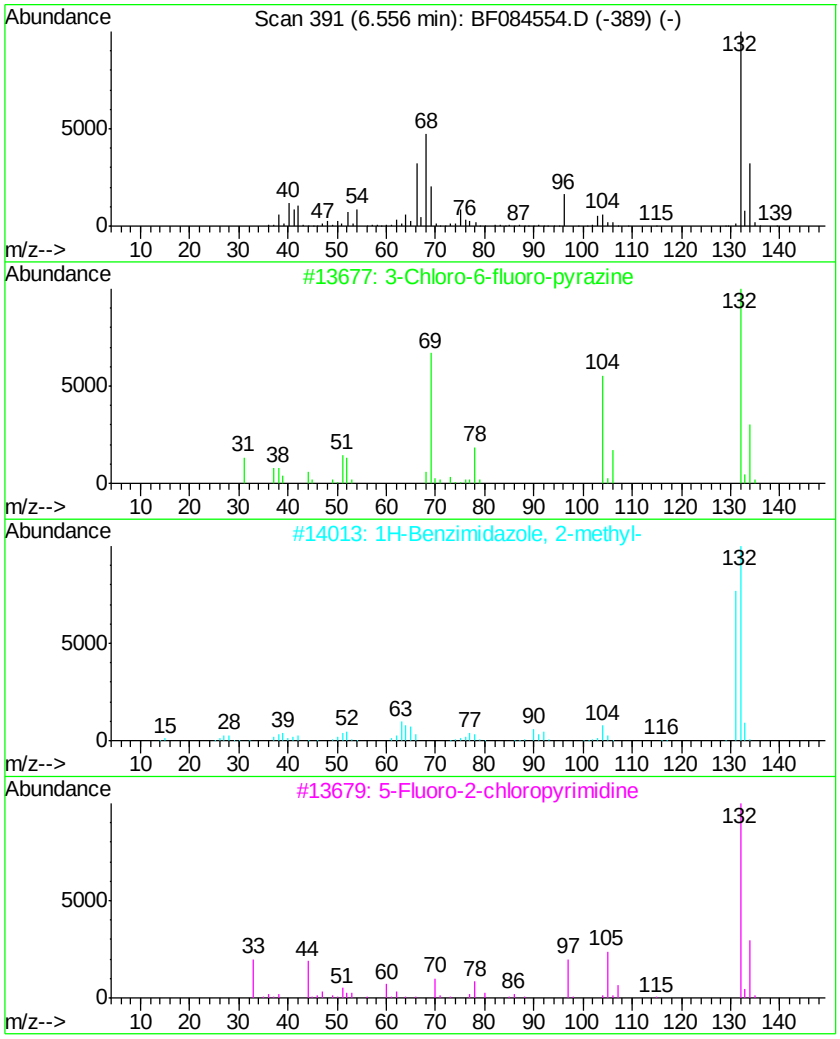
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

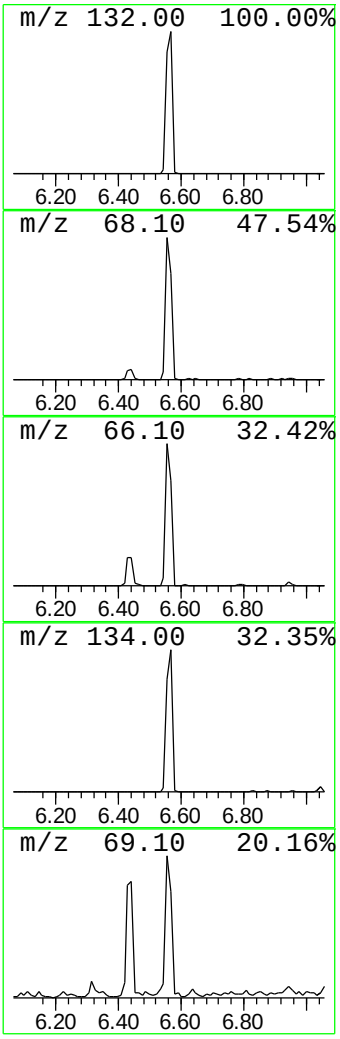
****

Peak Number 4 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	60.38 ng	3816050	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





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Data File : BF084554.D
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Sample : H1169-01
Misc :
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Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

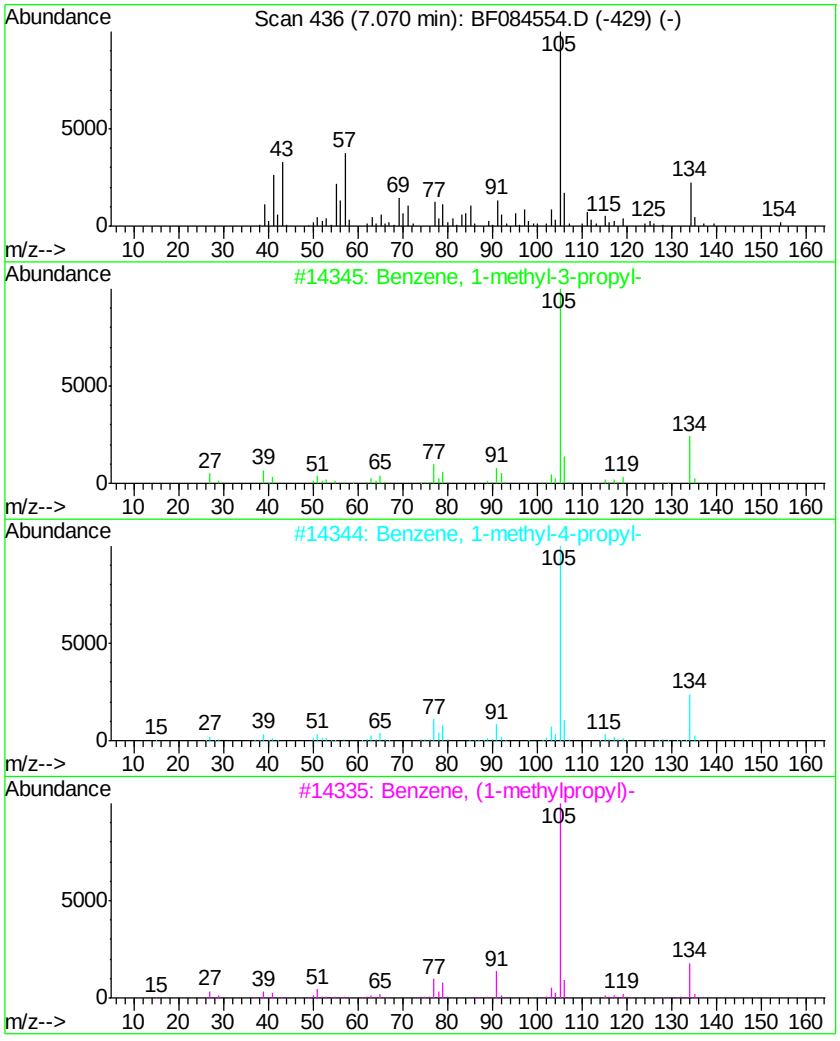
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

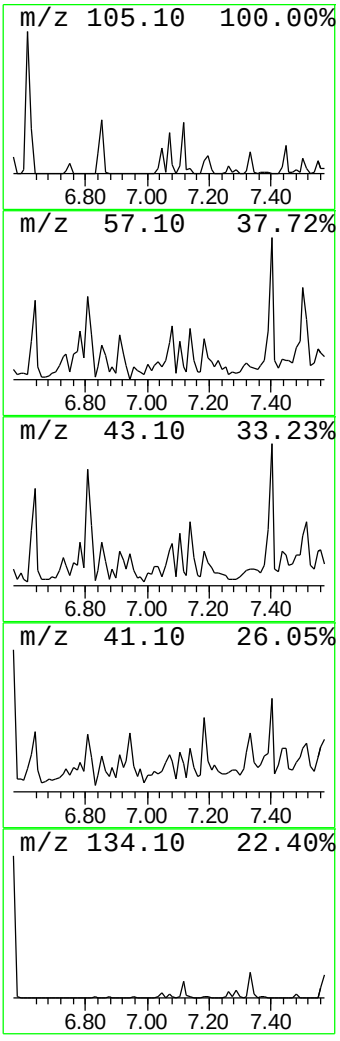
****

Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	7.47 ng	472379	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
5	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	62





Library Search Compound Report

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Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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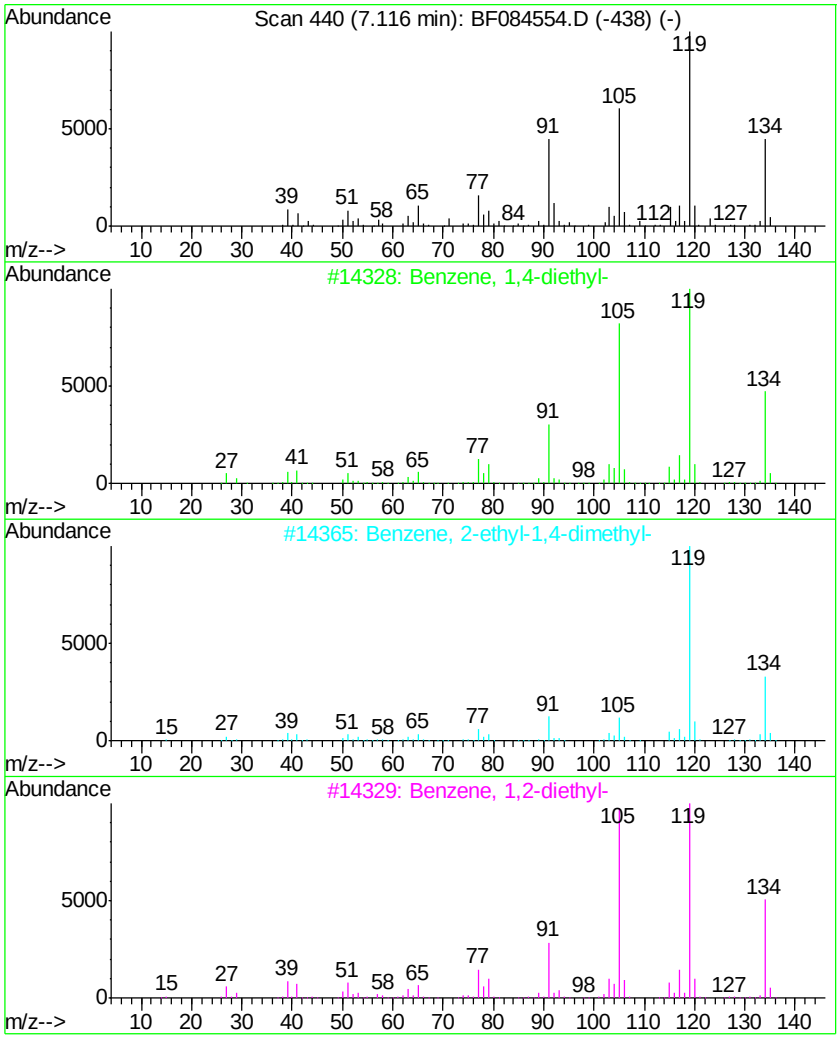
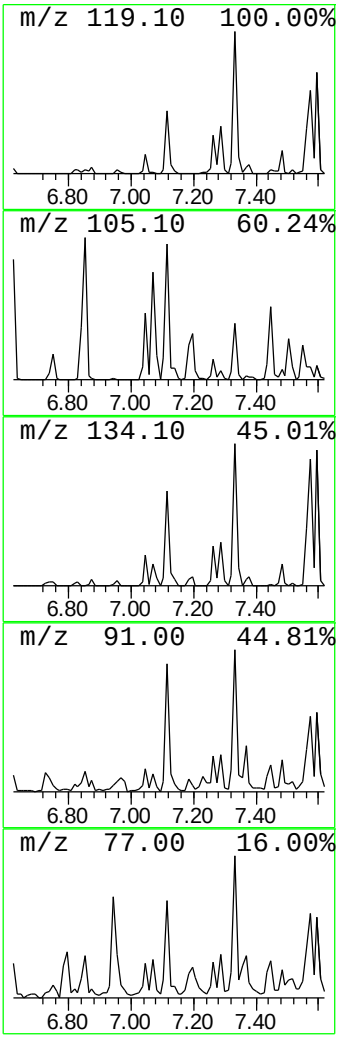
Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	5.51 ng	347981	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90





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Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

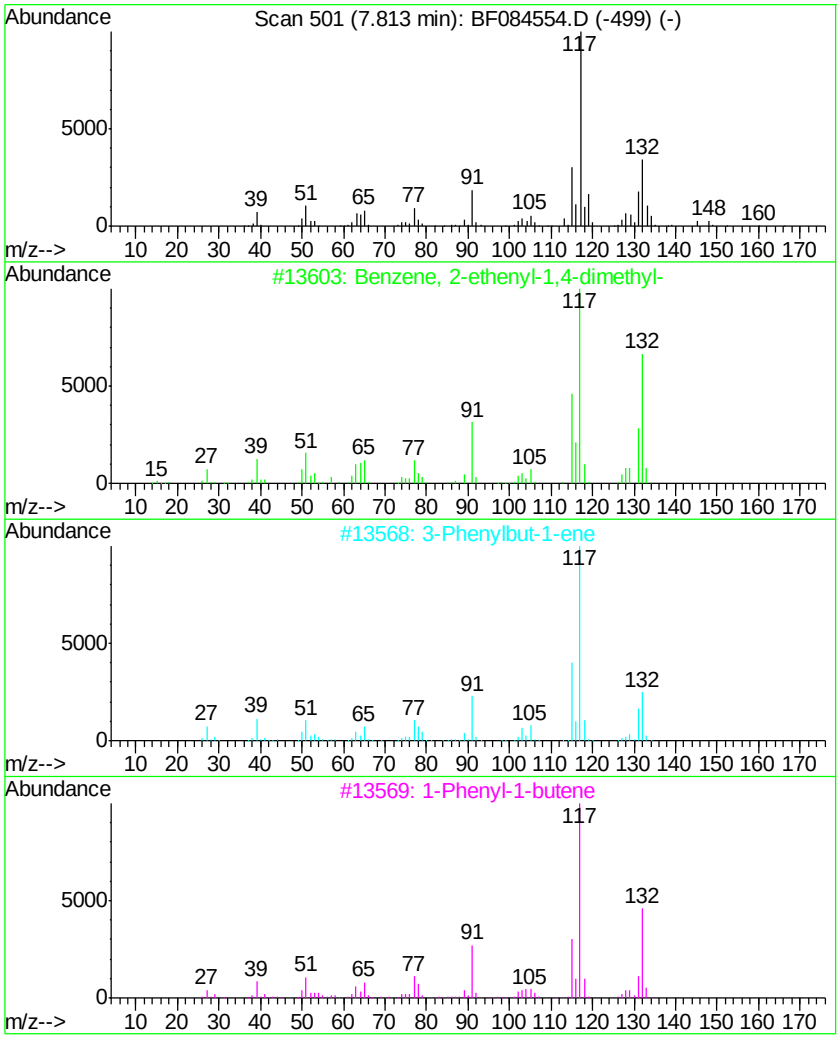
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

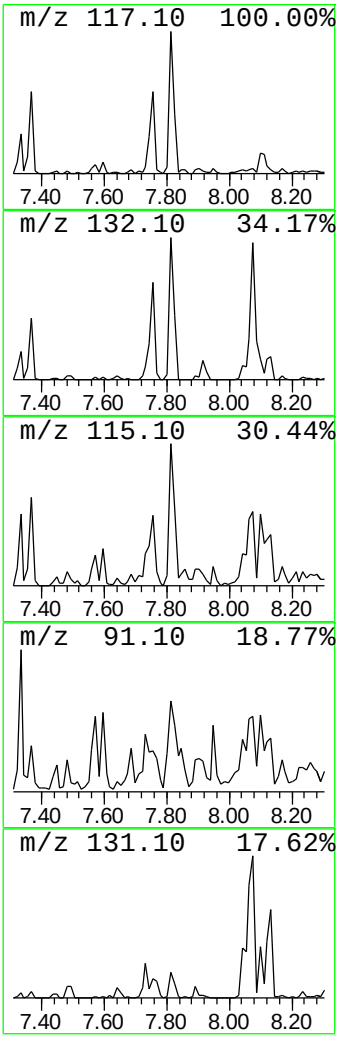
****

Peak Number 9 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	4.94 ng	904704	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





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Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

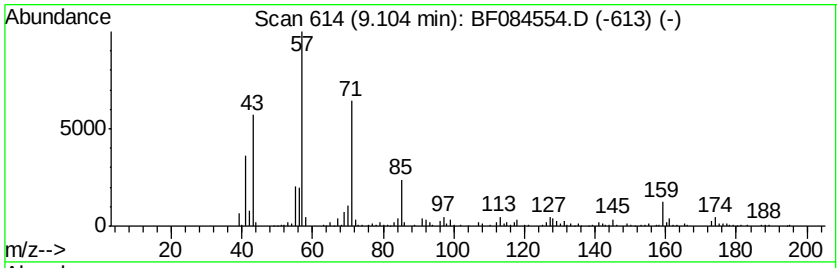
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

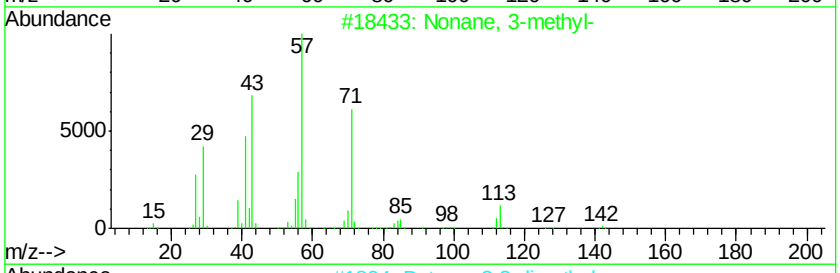
****

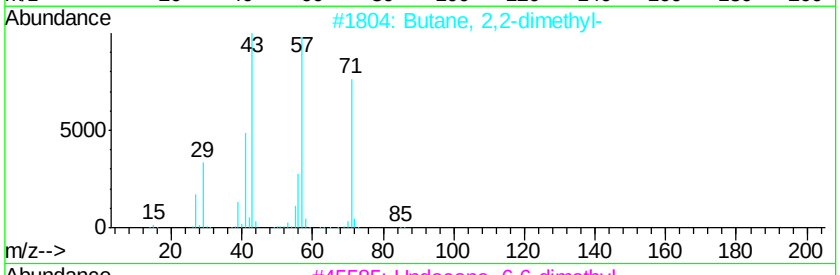
Peak Number 10 unknown9.10 Concentration Rank 19

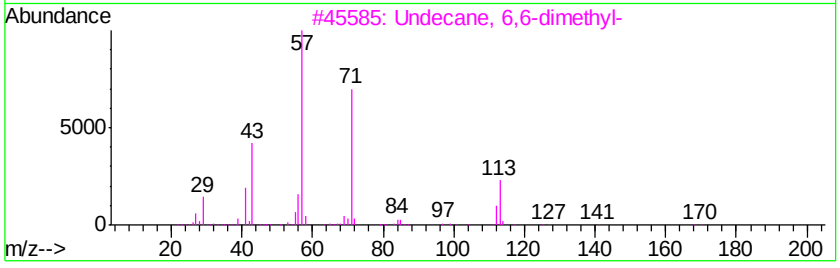
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	5.04 ng	467835	Acenaphthene-d10	9.84

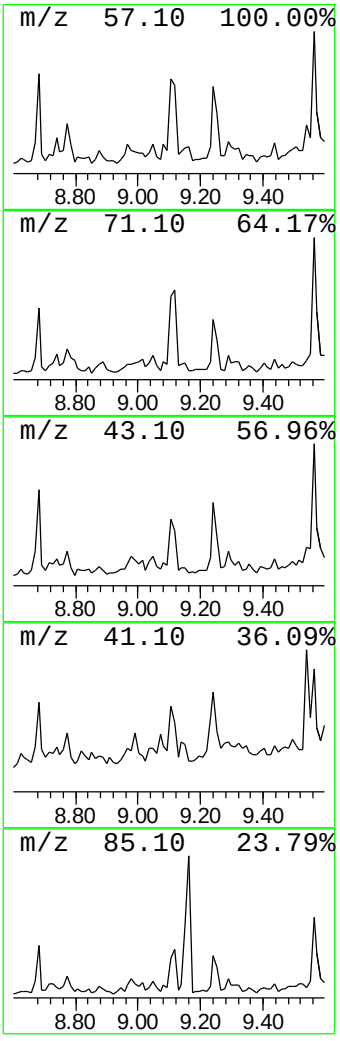
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	47
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	47
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	46











Library Search Compound Report

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Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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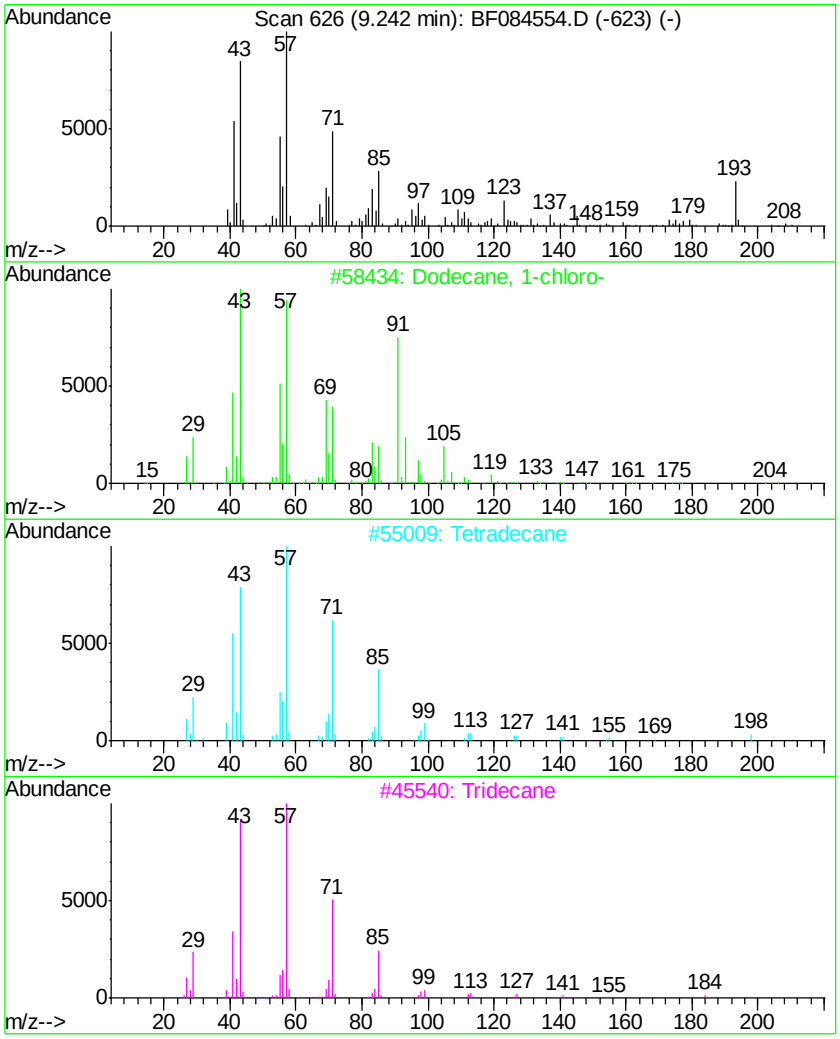
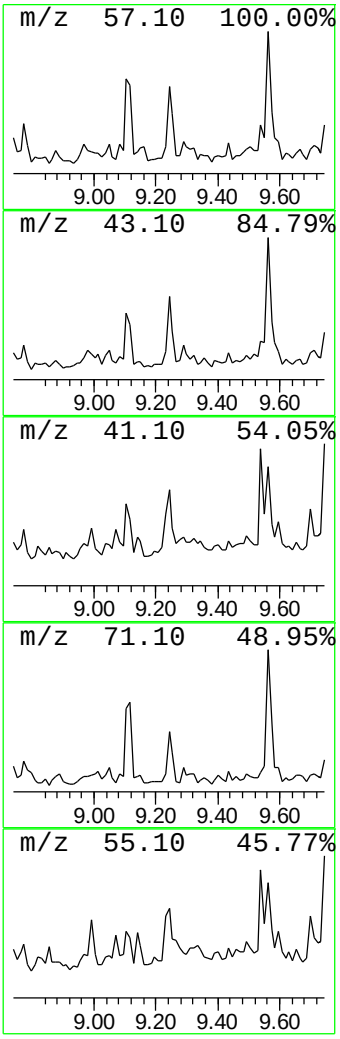
Peak Number 11 Dodecane, 1-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	8.88 ng	824312	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-chloro-	204	C12H25Cl	000112-52-7	62
2	Tetradecane	198	C14H30	000629-59-4	47
3	Tridecane	184	C13H28	000629-50-5	46
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	43
5	Hexadecane	226	C16H34	000544-76-3	38





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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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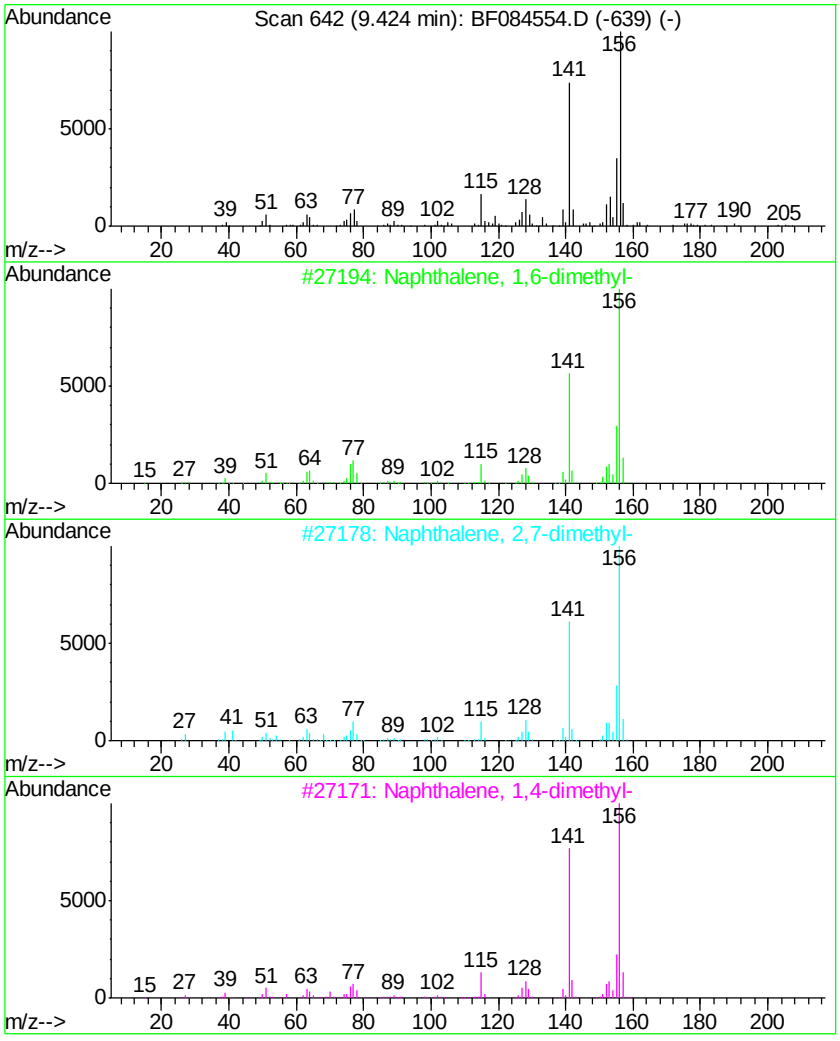
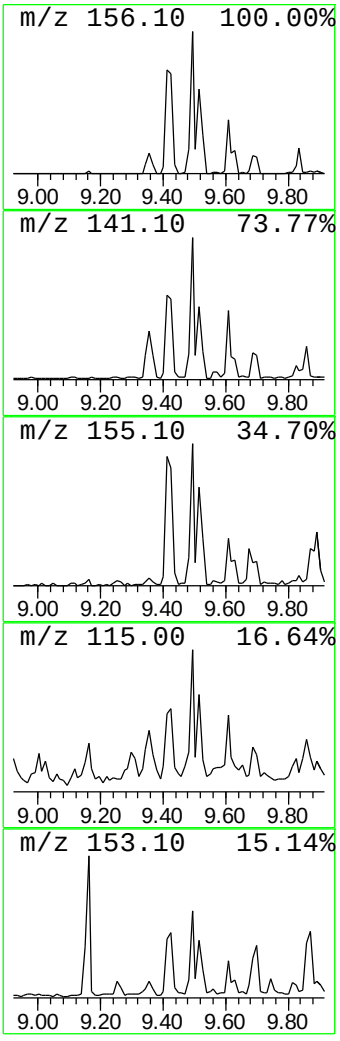
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	6.87 ng	638256	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 19 Jan 2016 16:10
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Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

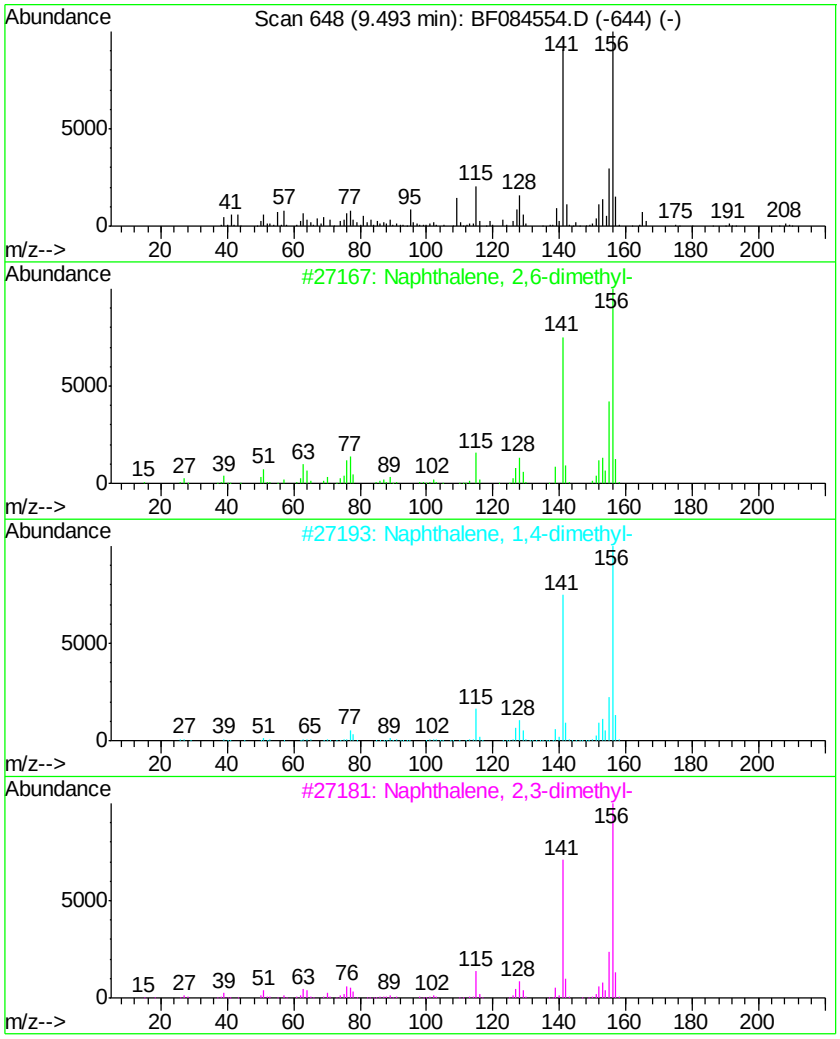
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

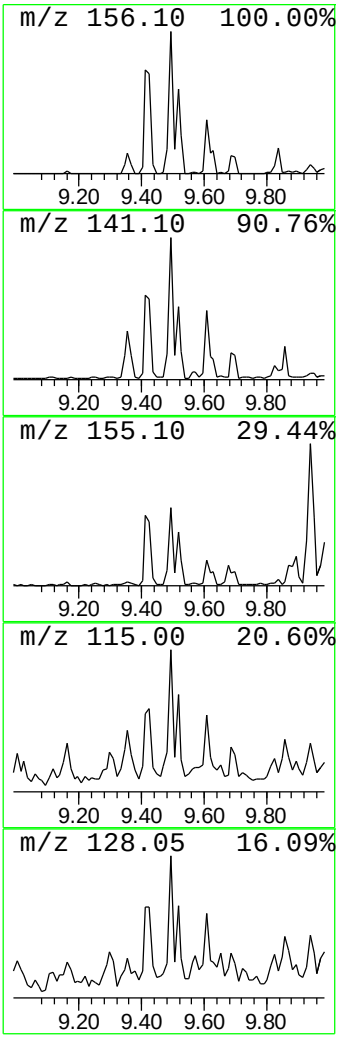
****

Peak Number 13 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	12.28 ng	1140800	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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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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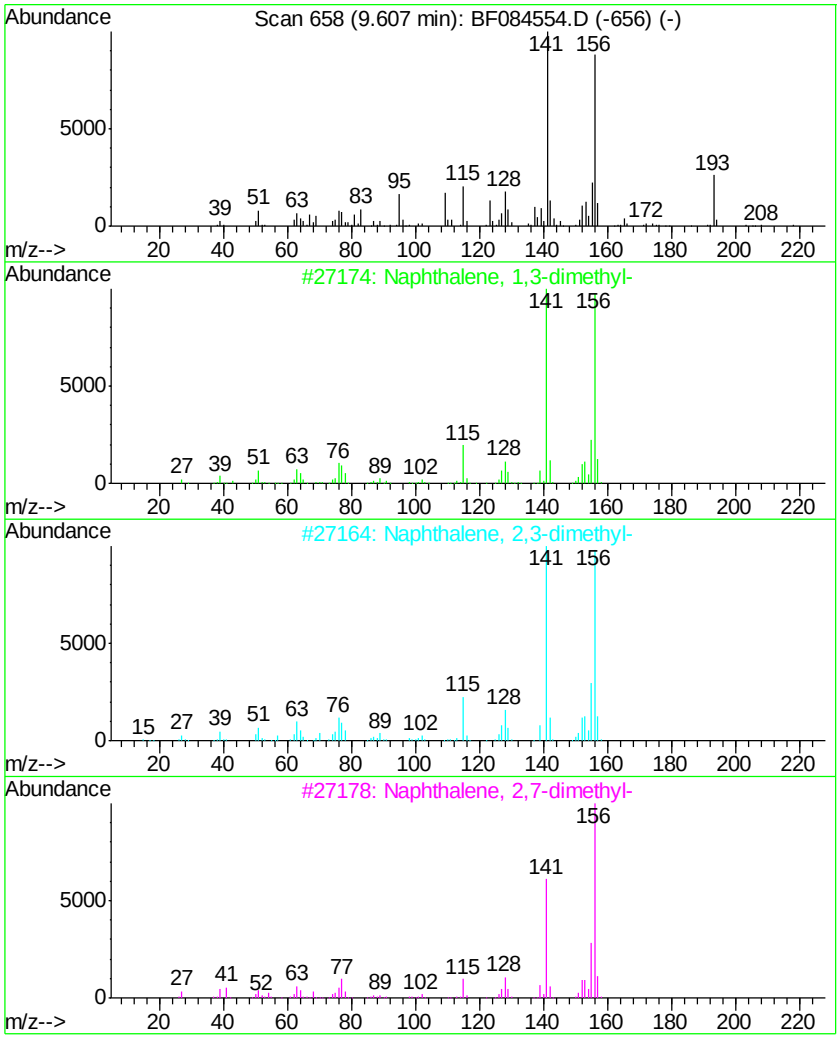
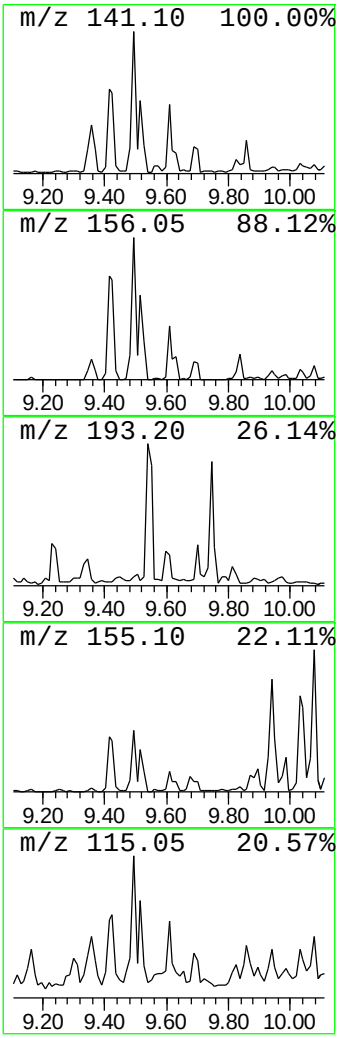
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	5.18 ng	480740	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





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Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

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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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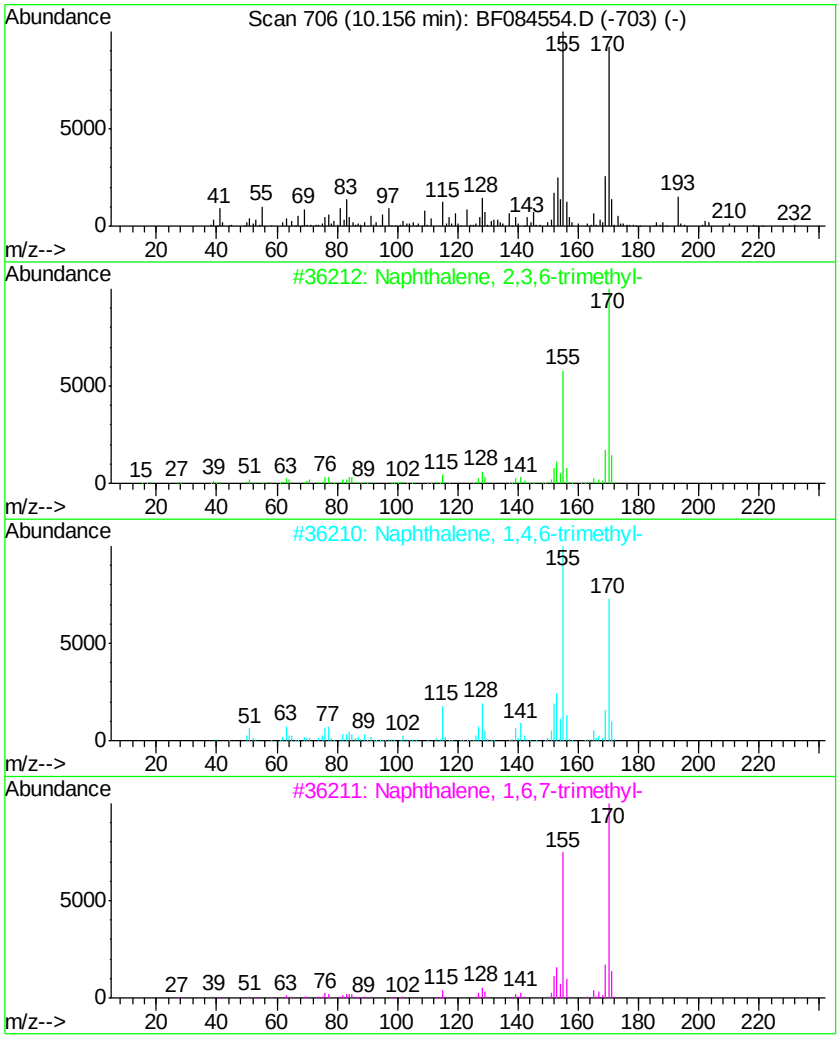
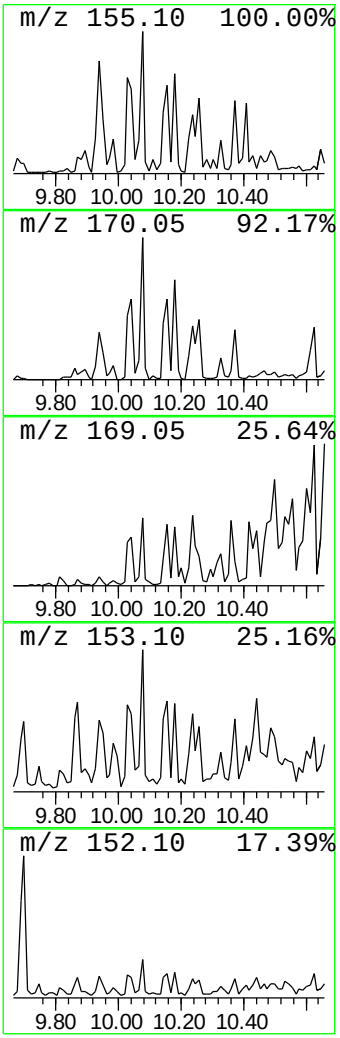
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	6.21 ng	576503	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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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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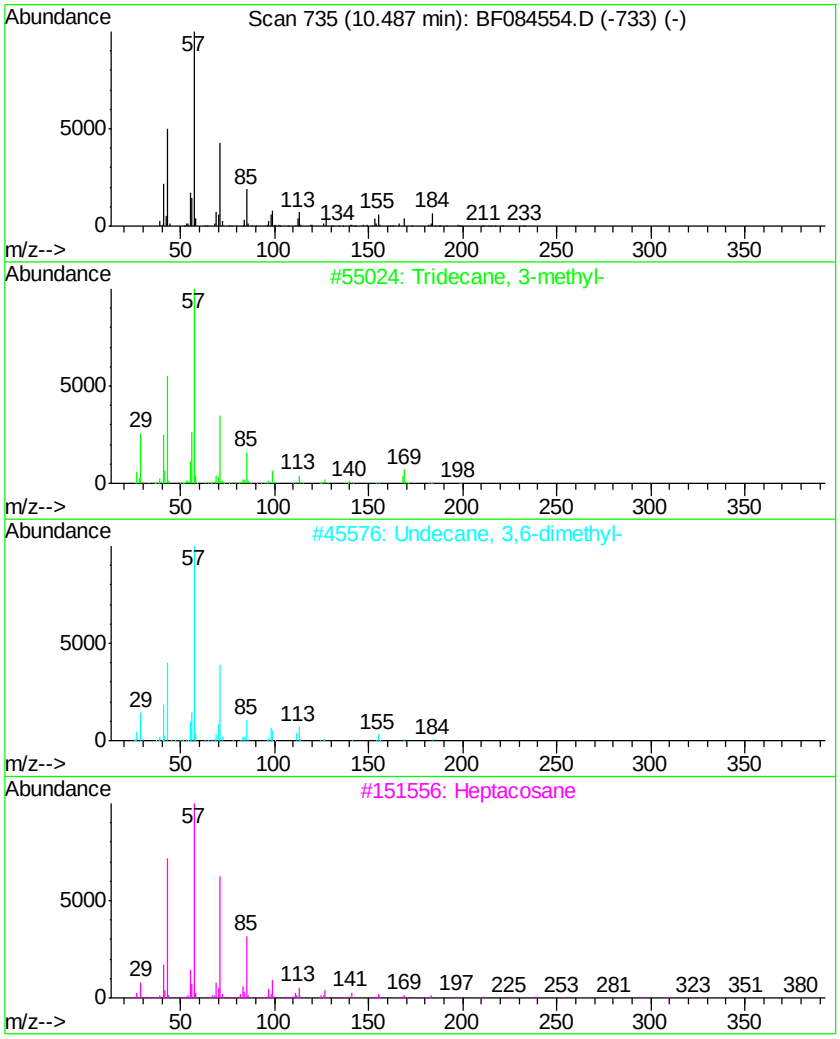
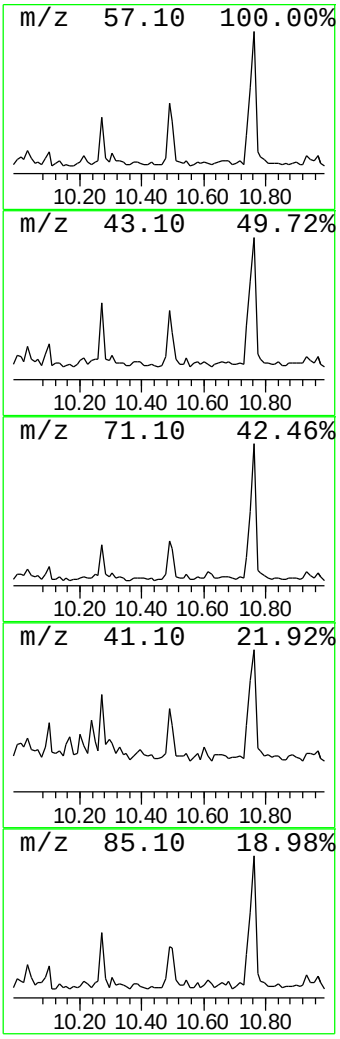
Peak Number 16 Tridecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	6.02 ng	559550	Acenaphthene-d10	9.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	68
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3	Heptacosane	380	C27H56	000593-49-7	58
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
5	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	56





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ALS Vial : 9 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

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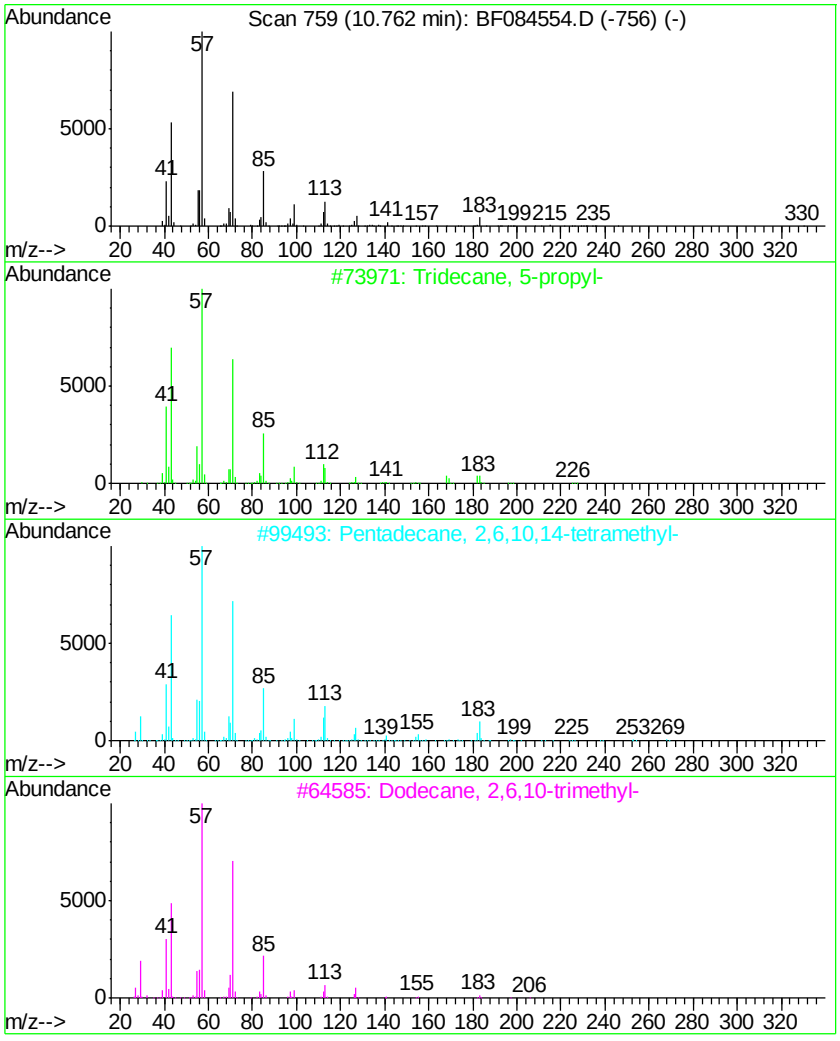
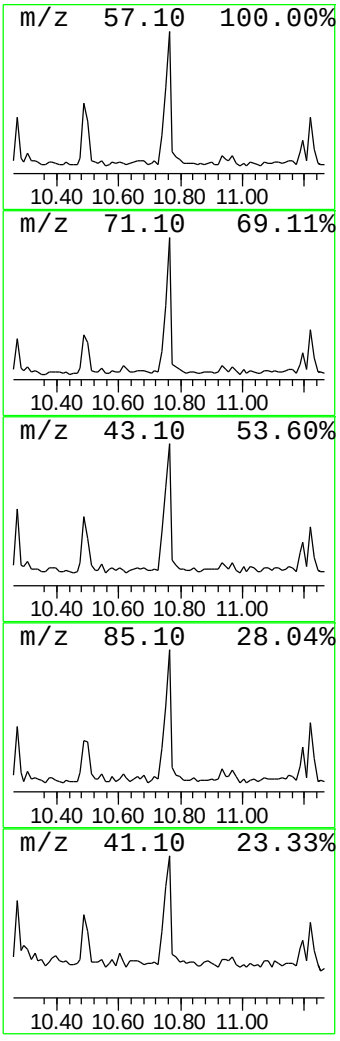
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	17.13 ng	1422180	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST02.L
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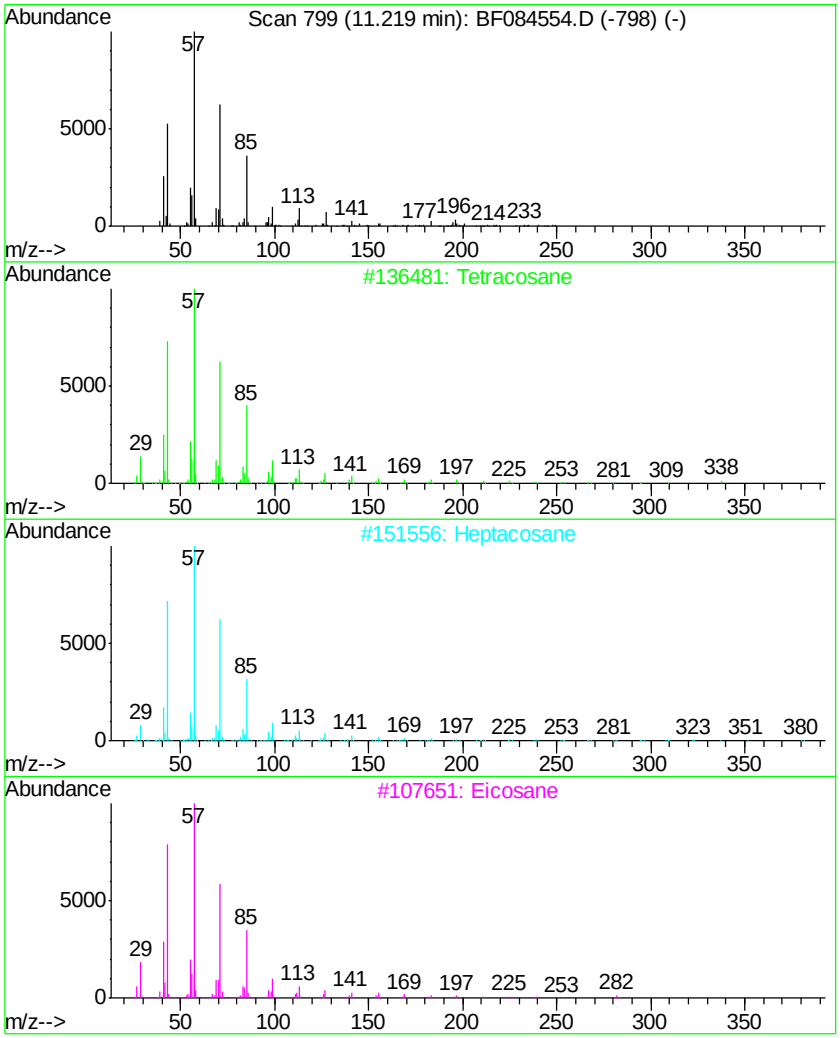
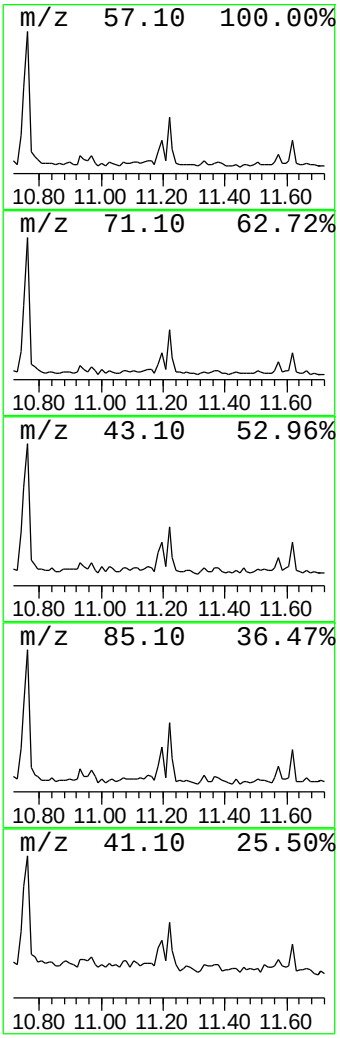
Peak Number 18 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	5.09 ng	422685	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Eicosane	282	C20H42	000112-95-8	78
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	74
5	Hexadecane, 4-methyl-	240	C17H36	025117-26-4	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

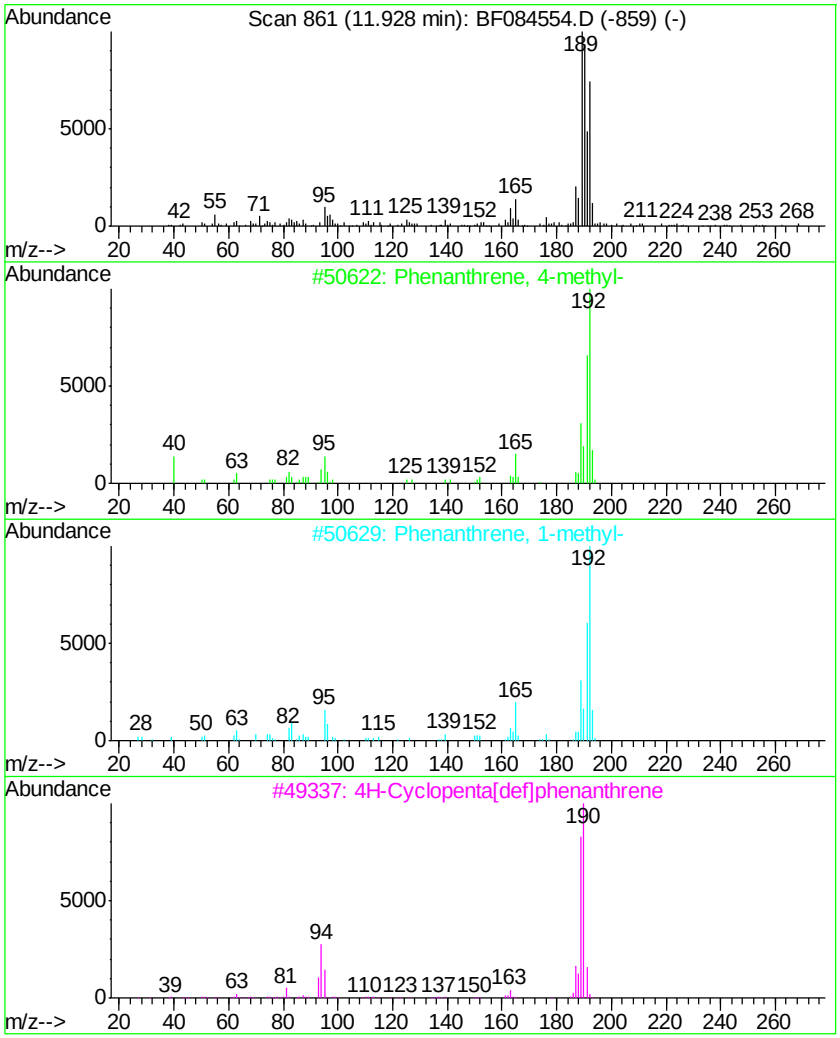
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

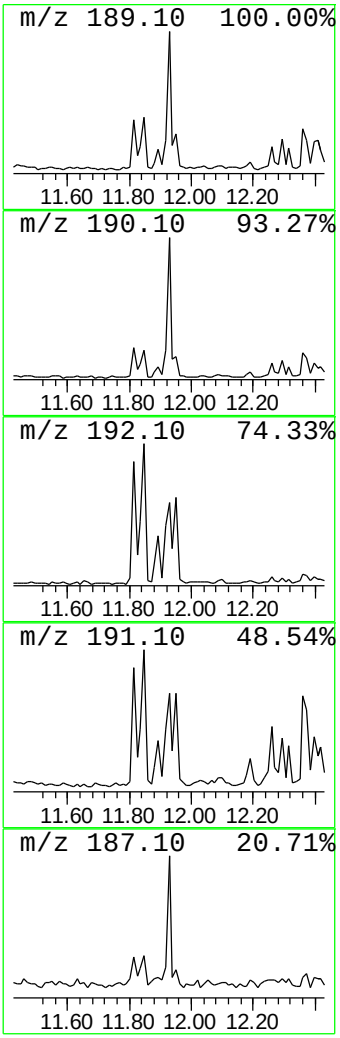
****

Peak Number 19 Phenanthrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.47 ng	453819	Phenanthrene-d10	11.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	66
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
Data File : BF084554.D
Acq On : 19 Jan 2016 16:10
Operator : SJ/UM
Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-001(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.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
2-Pentanone, 4-hy...	4.97	43.7	ng	2762380	1	6.80	1264070	20.0
unknown6.03	6.03	5.7	ng	358496	1	6.80	1264070	20.0
Benzene, 1-ethyl-...	6.32	5.2	ng	326021	1	6.80	1264070	20.0
unknown6.56	6.56	60.4	ng	3816050	1	6.80	1264070	20.0
Benzene, 1-methyl...	7.07	7.5	ng	472379	1	6.80	1264070	20.0
Benzene, 1,4-diet...	7.12	5.5	ng	347981	1	6.80	1264070	20.0
Benzene, 2-etheny...	7.81	4.9	ng	904704	2	8.08	3666280	20.0
unknown9.10	9.10	5.0	ng	467835	3	9.84	1857570	20.0
Dodecane, 1-chloro-	9.24	8.9	ng	824312	3	9.84	1857570	20.0
Naphthalene, 1,6-...	9.42	6.9	ng	638256	3	9.84	1857570	20.0
Naphthalene, 2,6-...	9.49	12.3	ng	1140800	3	9.84	1857570	20.0
Naphthalene, 1,3-...	9.61	5.2	ng	480740	3	9.84	1857570	20.0
Naphthalene, 2,3,...	10.16	6.2	ng	576503	3	9.84	1857570	20.0
Tridecane, 3-methyl-	10.49	6.0	ng	559550	3	9.84	1857570	20.0
Tridecane, 5-propyl-	10.76	17.1	ng	1422180	4	11.31	1660210	20.0
Tetracosane	11.22	5.1	ng	422685	4	11.31	1660210	20.0
Phenanthrene, 4-m...	11.93	5.5	ng	453819	4	11.31	1660210	20.0