LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

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-BF121815.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	4.373	197	200	205	rBV	156780	187968	7.04%	0.533%
2	5.024	254	257	260	rBV	369889	463167	17.34%	1.314%
3	5.173	260	270	275	rVV2	20196	84928	3.18%	0.241%
4	5.310	280	282	284	rVB	58041	70497	2.64%	0.200%
5	5.413	289	291	294	rBV	141467	229558	8.59%	0.651%
6	5.459	294	295	298	rVB	609834	604946	22.65%	1.716%
7	5.676	312	314	317	rBV	167320	231905	8.68%	0.658%
8	5.847	327	329	332	rBV	53031	72249	2.70%	0.205%
9	6.304	367	369	371	rVB	61847	51241	1.92%	0.145%
10	6.373	373	375	376	rVV	279703	227122	8.50%	0.644%
11	6.407	376	378	380	rVB	94054	101335	3.79%	0.287%
12	6.453	380	382	383	rBV	144211	161549	6.05%	0.458%
13	6.487	383	385	388	rVV2	475129	523992	19.62%	1.486%
14	6.533	388	389	391	rVB	185767	141317	5.29%	0.401%
15	6.624	394	397	399	rVV	842580	1113319	41.68%	3.158%
16	6.670	399	401	404	rVB2	382515	544857	20.40%	1.545%
17	6.784	409	411	415	rBV2	65739	96872	3.63%	0.275%
18	6.853	415	417	418	rBV	319775	424166	15.88%	1.203%
19	6.910	420	422	425	rVB2	514267	711352	26.63%	2.018%
20	7.002	428	430	434	rVB	1275991	1867318	69.91%	5.297%
21	7.104	437	439	440	rBV	64159	67191	2.52%	0.191%
22	7.127	440	441	443	rVB	133973	112964	4.23%	0.320%
23	7.173	443	445	447	rBV	281542	254593	9.53%	0.722%
24	7.253	449	452	456	rBV2	70549	146494	5.48%	0.416%
25	7.322	456	458	462	rVB2	148409	255280	9.56%	0.724%
26	7.413	462	466	469	rBV2	1157296	1687962	63.19%	4.788%
27	7.505	472	474	475	rBV	56262	68165	2.55%	0.193%
28	7.539	475	477	482	rVB2	149382	250321	9.37%	0.710%
29	7.630	482	485	486	rBV	104782	162523	6.08%	0.461%
30	7.653	486	487	489	rVB	306932	212887	7.97%	0.604%
31	7.802	498	500	503	rVB2	193763	316462	11.85%	0.898%
32	7.870	503	506	508	rBV2	598354	870076	32.57%	2.468%
33	7.905	508	509	511	rVB	94790	81583	3.05%	0.231%
34	7.973	511	515	517	rBV	737664	727701	27.24%	2.064%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.042	520	521	523	rBV	68833	65779	2.46%	0.187%
36	8.133	523	529	530	rBV2	837136	1122662	42.03%	3.184%
37	8.327	544	546	548	rVB	227131	239901	8.98%	0.680%
38	8.373	548	550	552	rBV2	151747	256345	9.60%	0.727%
39	8.407	552	553	555	rVV	225249	245105	9.18%	0.695%
40	8.453	555	557	559	rVB	152533	215101	8.05%	0.610%
41	8.522	559	563	564	rBV	225267	273956	10.26%	0.777%
42	8.567	564	567	569	rVV4	61543	107614	4.03%	0.305%
43	8.602	569	570	571	rVV	188881	148524	5.56%	0.421%
44	8.636	571	573	576	rVV2	873736	865662	32.41%	2.455%
45	8.693	576	578	579	rVV2	65232	95614	3.58%	0.271%
46	8.727	579	581	583	rVV2	172170	224237	8.40%	0.636%
47	8.796	583	587	588	rVV2	615783	615828	23.06%	1.747%
48	8.842	588	591	593	rVB	400421	503186	18.84%	1.427%
49	8.899	593	596	598	rBV2	63273	78133	2.93%	0.222%
50	8.945	598	600	602	rVV2	420712	669443	25.06%	1.899%
51	8.990	602	604	605	rVV2	129309	152538	5.71%	0.433%
52	9.036	605	608	609	rVV2	48673	83523	3.13%	0.237%
53	9.070	609	611	615	rVV4	136841	326335	12.22%	0.926%
54	9.150	615	618	619	rVV2	57651	117492	4.40%	0.333%
55	9.173	619	620	621	rVV	108997	97857	3.66%	0.278%
56	9.208	621	623	625	rVV	2060913	2671039	100.00%	7.576%
57	9.310	628	632	633	rVV2	204394	320725	12.01%	0.910%
58	9.356	633	636	643	rVV4	280889	572340	21.43%	1.623%
59	9.470	643	646	649	rVV2	149782	244745	9.16%	0.694%
60	9.562	649	654	657	rVV3	1007539	1678189	62.83%	4.760%
61	9.665	660	663	665	rVV3	140409	292355	10.95%	0.829%
62	9.710	665	667	668	rVV	46577	70881	2.65%	0.201%
63	9.745	668	670	673	rVV3	68289	123744	4.63%	0.351%
64	9.825	673	677	679	rVV3	160953	308939	11.57%	0.876%
65	9.882	679	682	684	rVV	656381	863040	32.31%	2.448%
66	9.916	684	685	687	rVV2	44136	63034	2.36%	0.179%
67	9.985	690	691	694	rVV	86394	105739	3.96%	0.300%
68	10.065	694	698	699	rVV4	30033	71940	2.69%	0.204%
69	10.088	699	700	703	rVV3	80209	124997	4.68%	0.355%
70	10.133	703	704	707	rVV3	44345	88200	3.30%	0.250%
71	10.202	709	710	714	rVV2	35868	68532	2.57%	0.194%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.271	714	716	717	rVV	36919	52728	1.97%	0.150%
73	10.316	719	720	722	rVB	122992	156563	5.86%	0.444%
74	10.385	722	726	728	rVB4	52804	95778	3.59%	0.272%
75	10.431	728	730	731	rBV	71178	85010	3.18%	0.241%
76	10.499	734	736	737	rVV	84624	95873	3.59%	0.272%
77	10.533	737	739	741	rVV3	90216	176507	6.61%	0.501%
78	10.579	741	743	746	rVV4	27579	76803	2.88%	0.218%
79	10.636	746	748	749	rVV2	54008	91613	3.43%	0.260%
80	10.671	749	751	753	rVB	994348	1088173	40.74%	3.087%
81	10.728	753	756	758	rBV	124076	122334	4.58%	0.347%
82	10.796	759	762	765	rVV2	153367	211766	7.93%	0.601%
83	10.968	775	777	779	rBV2	48775	72740	2.72%	0.206%
84	11.242	798	801	803	rBV	176613	199250	7.46%	0.565%
85	11.368	809	812	814	rBV	833119	752390	28.17%	2.134%
86	11.493	820	823	824	rBV2	35253	52775	1.98%	0.150%
87	11.665	836	838	840	rBV	89191	77698	2.91%	0.220%
88	11.756	843	846	851	rVB6	62069	142081	5.32%	0.403%
89	11.905	857	859	860	rBV	65725	74313	2.78%	0.211%
90	12.076	872	874	878	rVB2	62830	84864	3.18%	0.241%
91	12.351	896	898	900	rBV2	38923	56805	2.13%	0.161%
92	12.465	905	908	910	rBV2	68450	88607	3.32%	0.251%
93	12.682	925	927	930	rBV2	53348	101175	3.79%	0.287%
94	12.831	939	940	942	rBV	147504	141886	5.31%	0.402%
95	12.957	948	951	953	rBV	2257766	2491266	93.27%	7.066%
96	13.322	980	983	987	rBV3	72553	126920	4.75%	0.360%
97	13.528	999	1001	1005	rBV4	46753	100872	3.78%	0.286%
98	14.008	1040	1043	1045	rBV	449708	591430	22.14%	1.678%
99	15.437	1165	1168	1172	rVB	397729	471449	17.65%	1.337%
100	16.100	1224	1226	1232	rVB2	43725	78347	2.93%	0.222%

Sum of corrected areas: 35255150

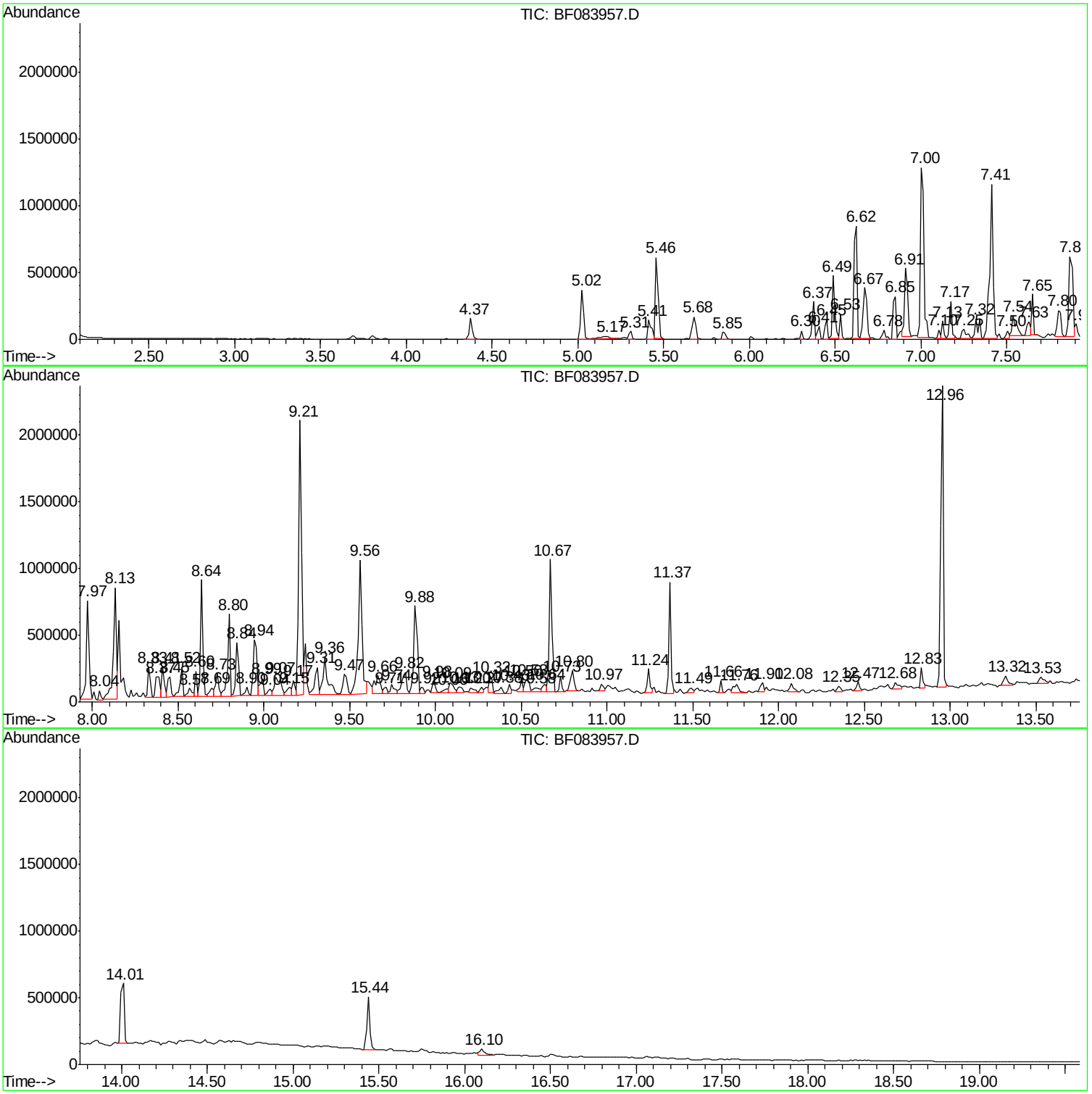
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

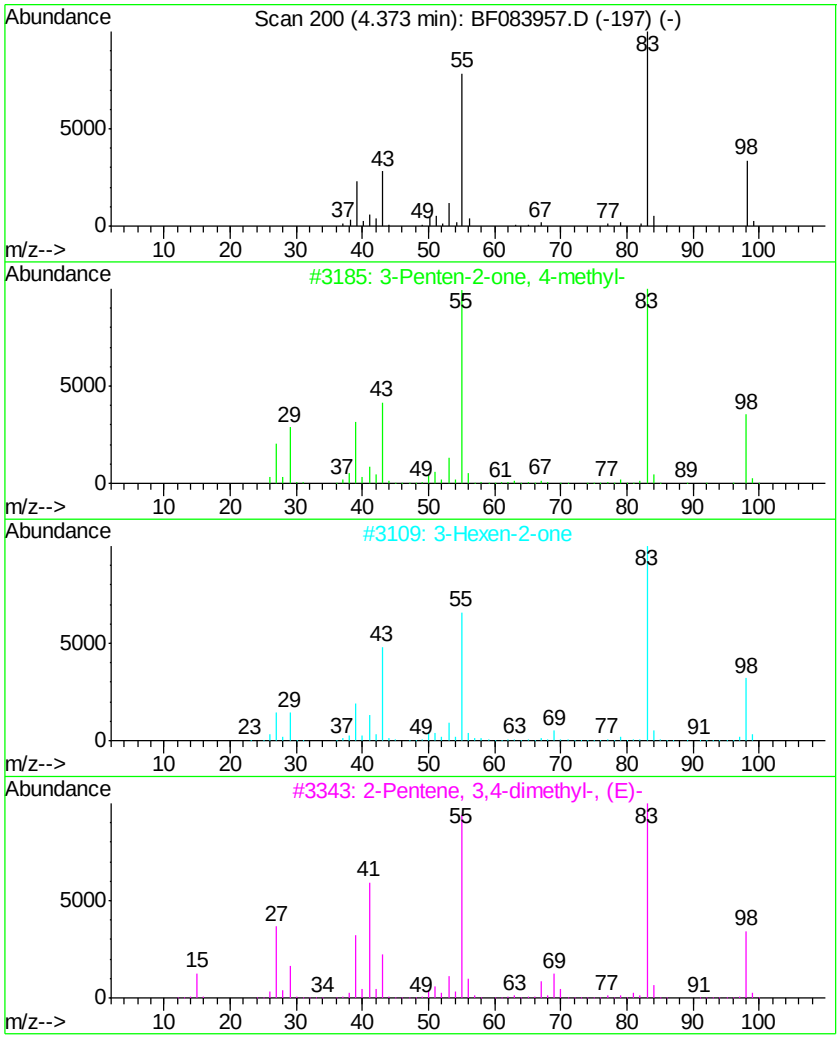
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

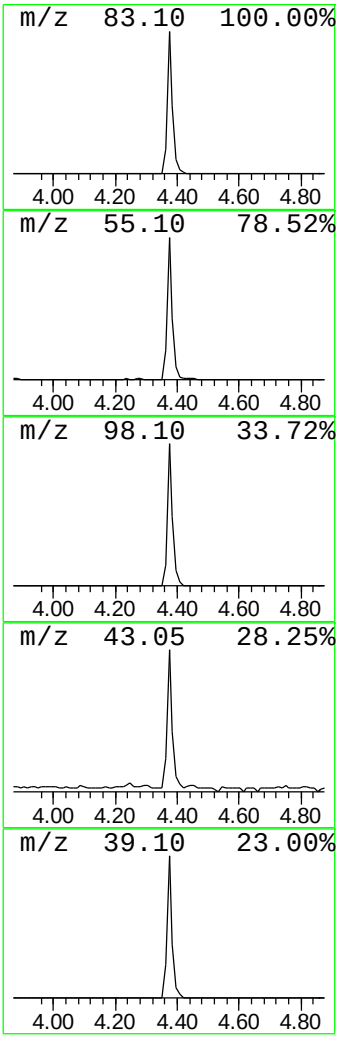
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	8.86 ng	187968	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

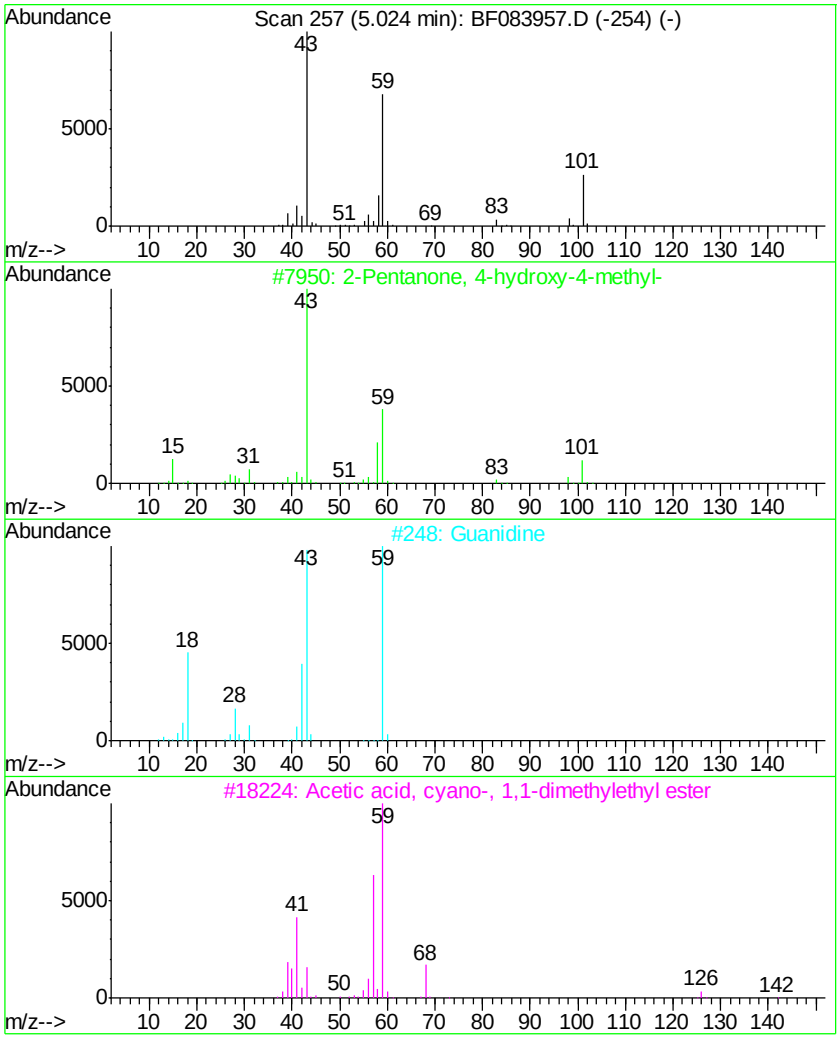
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

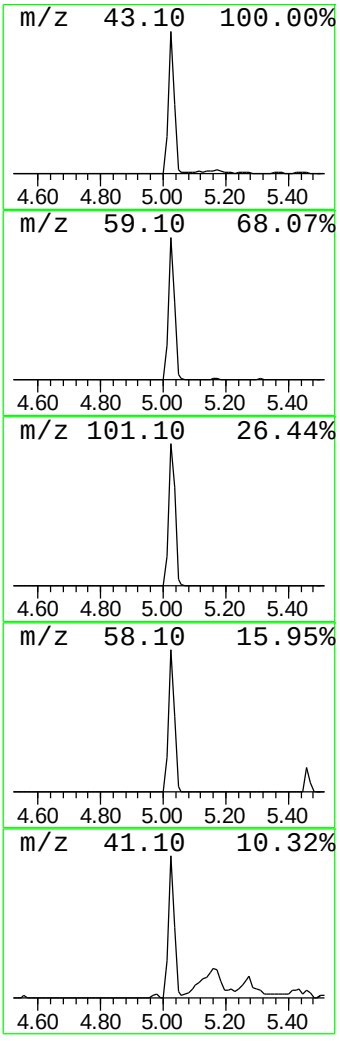
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	21.84 ng	463167	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5	Acetone	58	C3H6O	000067-64-1	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

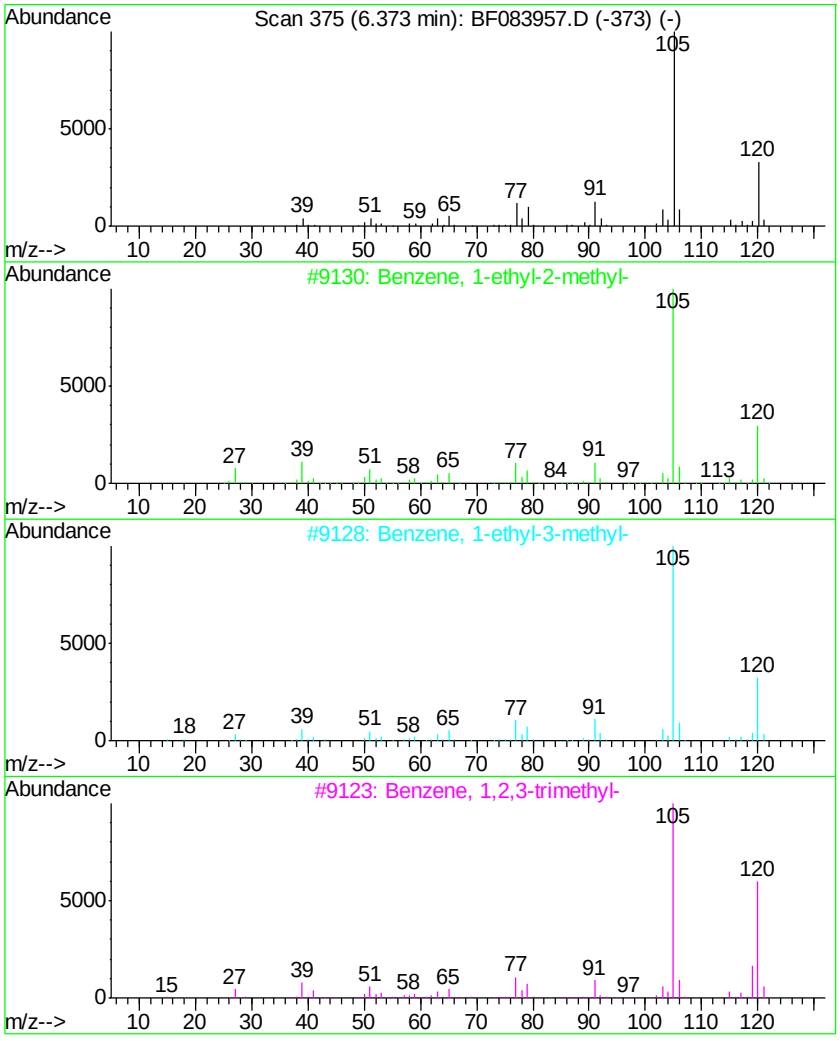
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

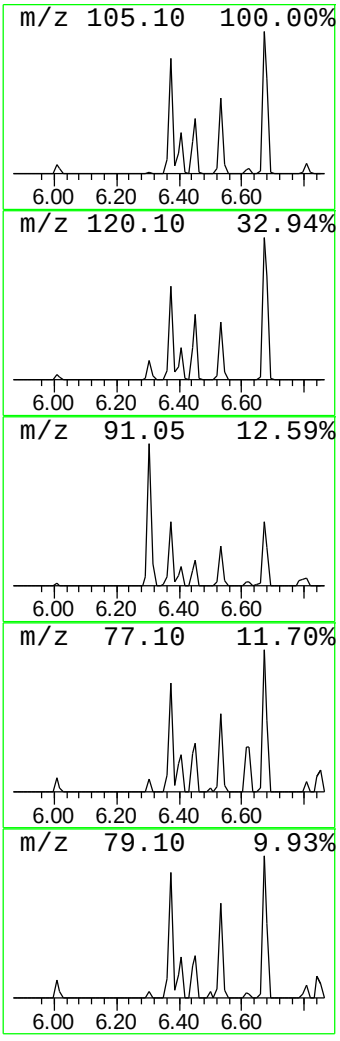
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	10.71 ng	227122	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

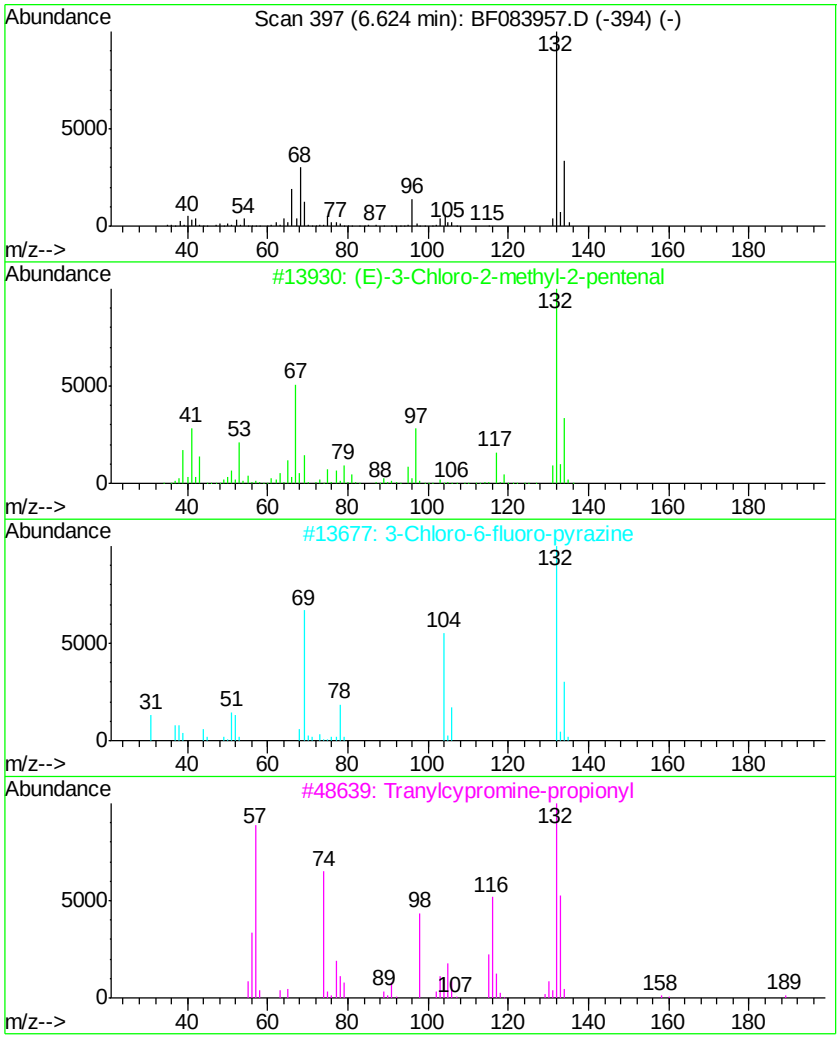
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

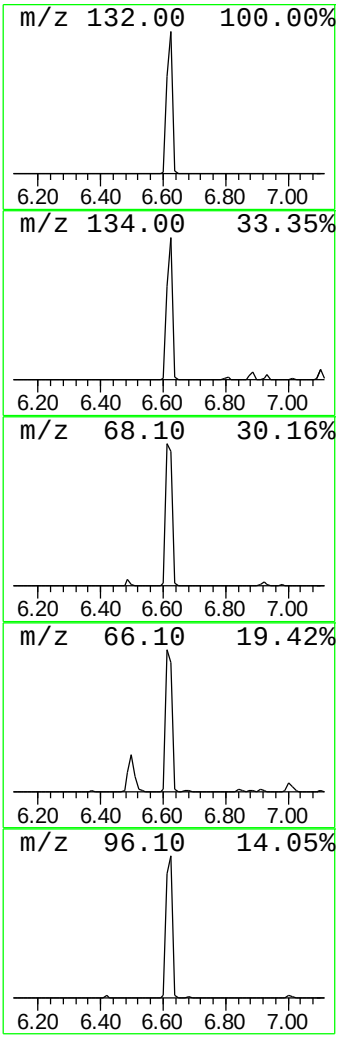
****

Peak Number 5 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	52.49 ng	1113320	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

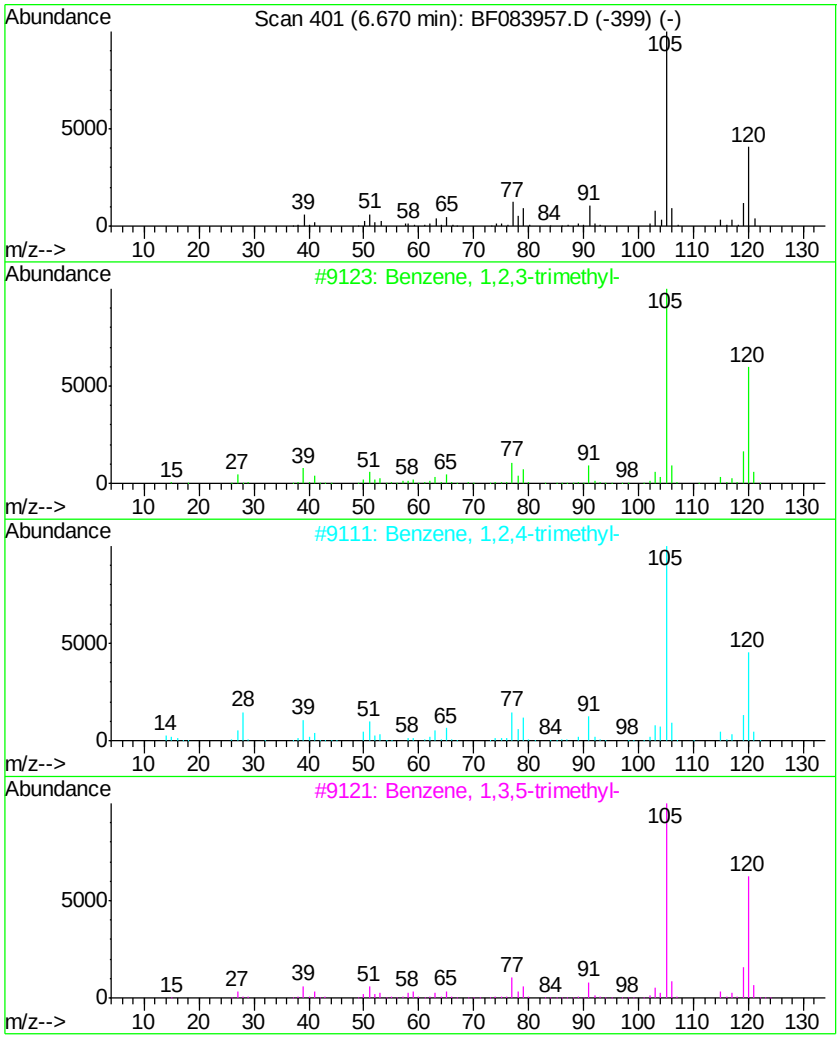
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

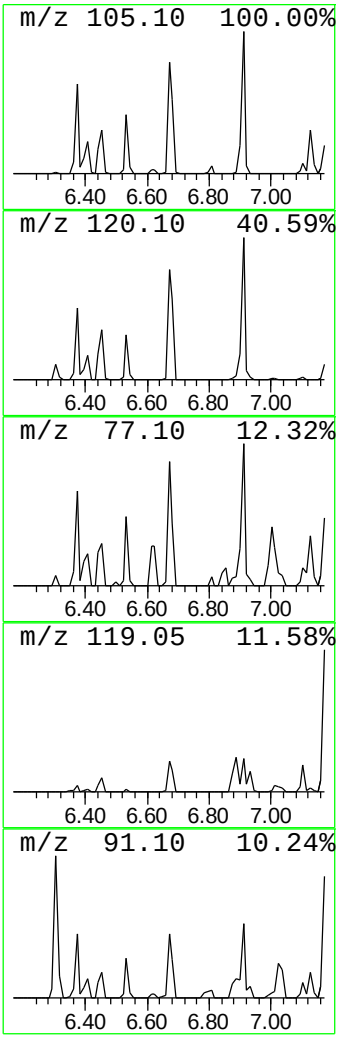
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	25.69 ng	544857	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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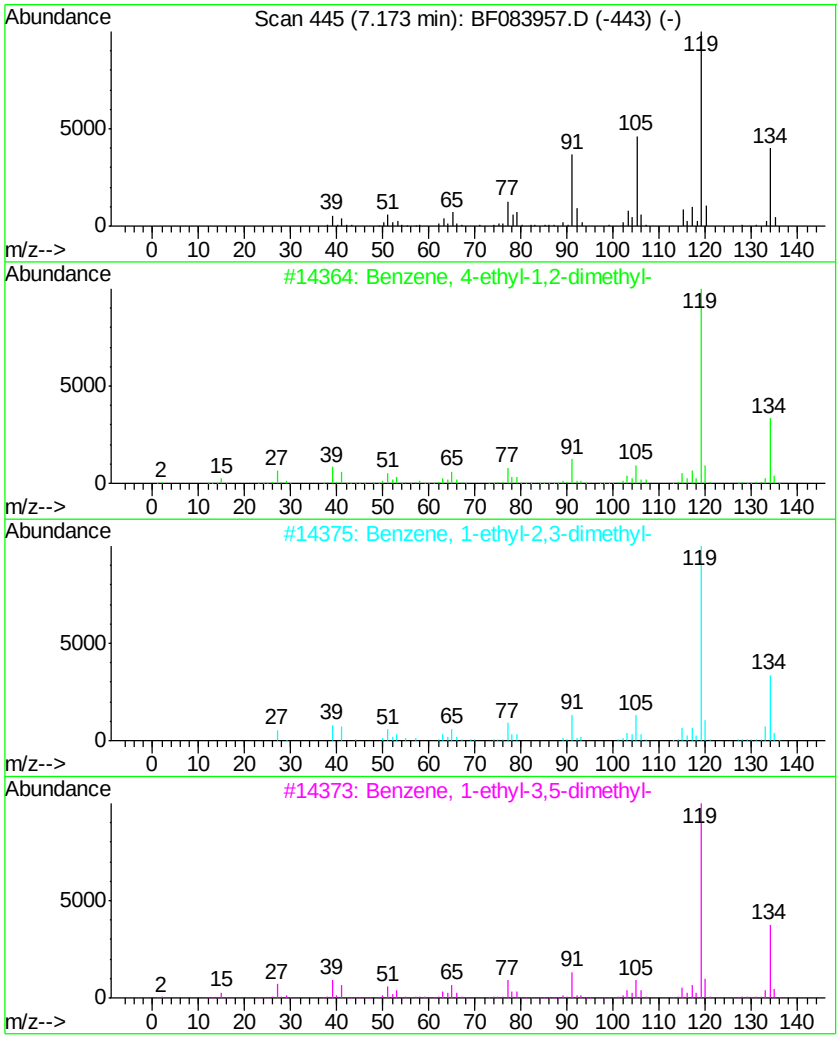
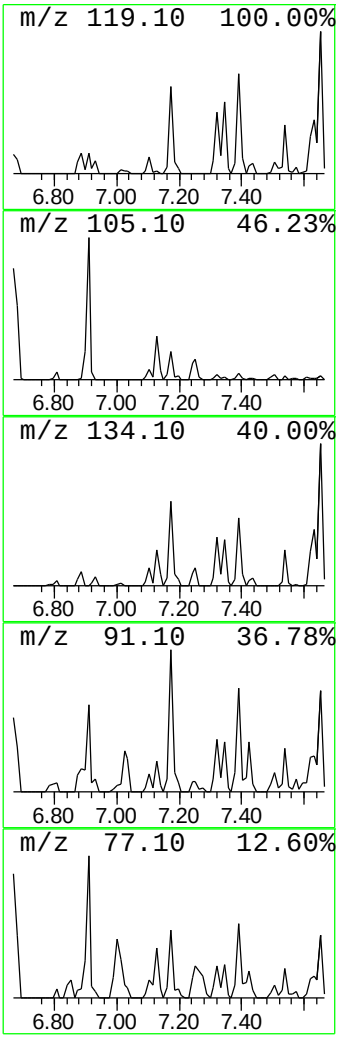
Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	12.00 ng	254593	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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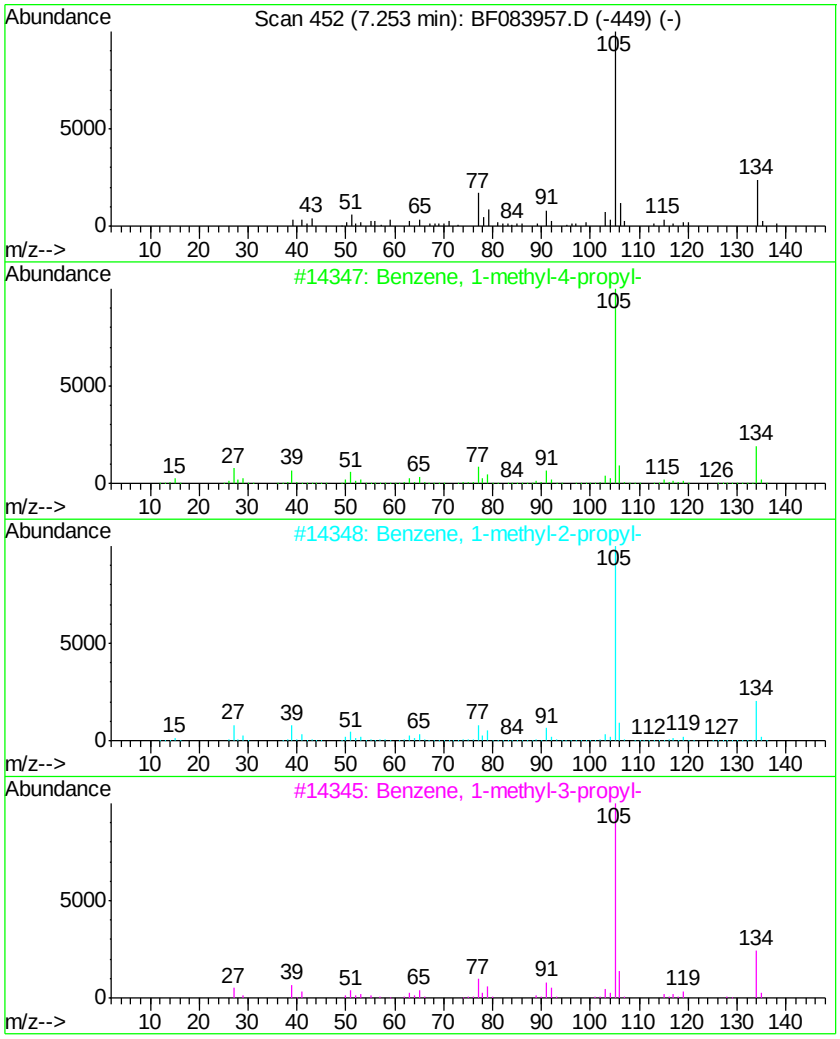
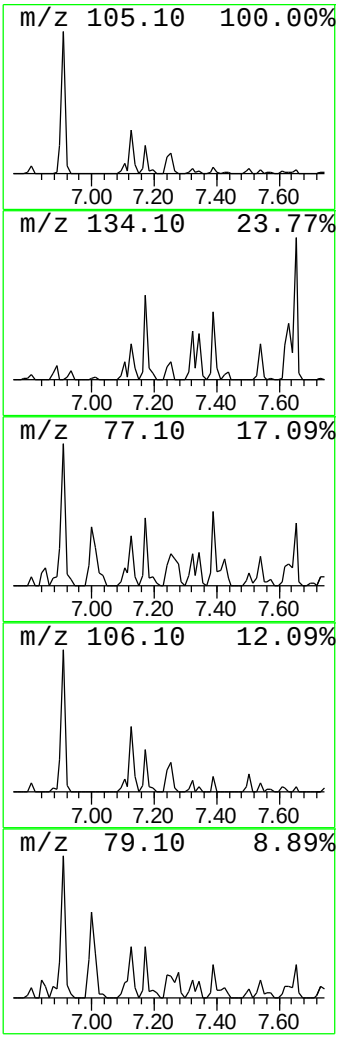
Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	6.91 ng	146494	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





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Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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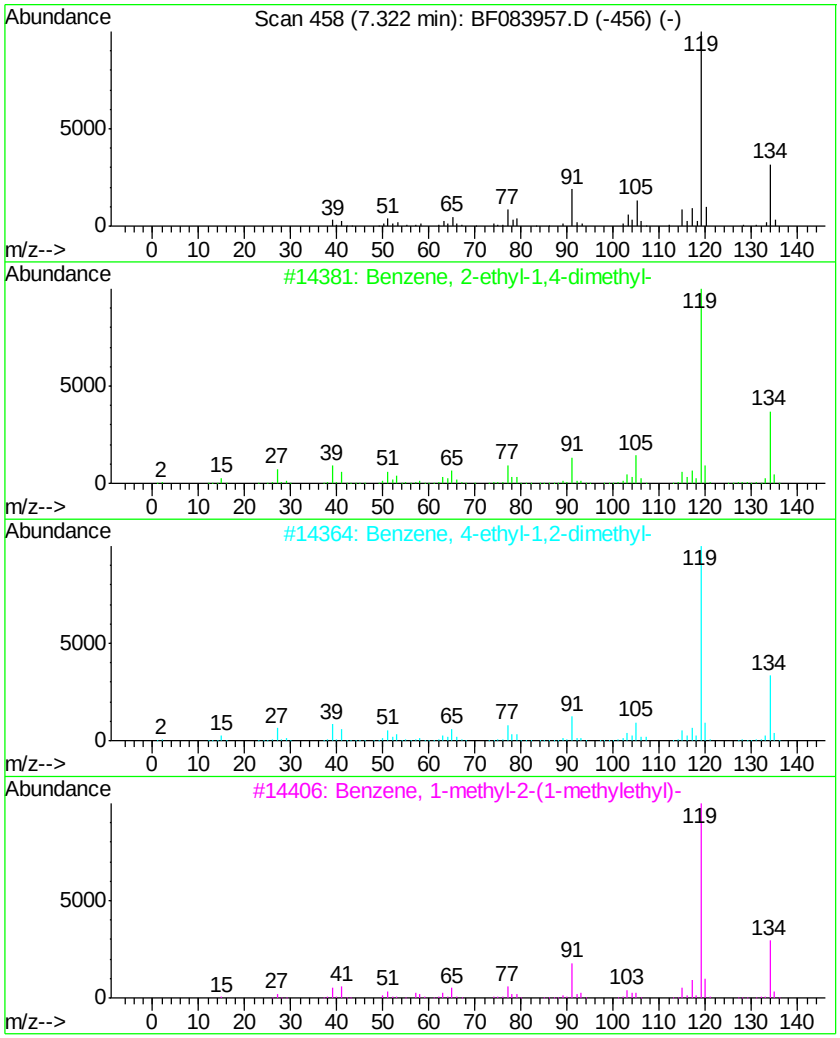
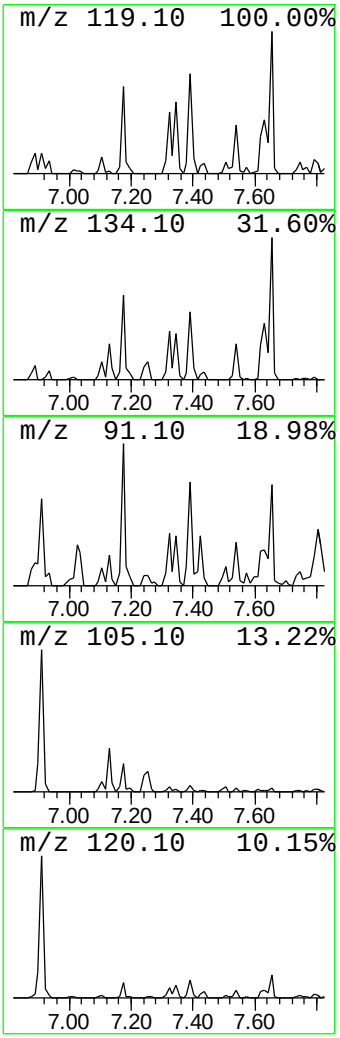
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	12.04 ng	255280	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Library Search Compound Report

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Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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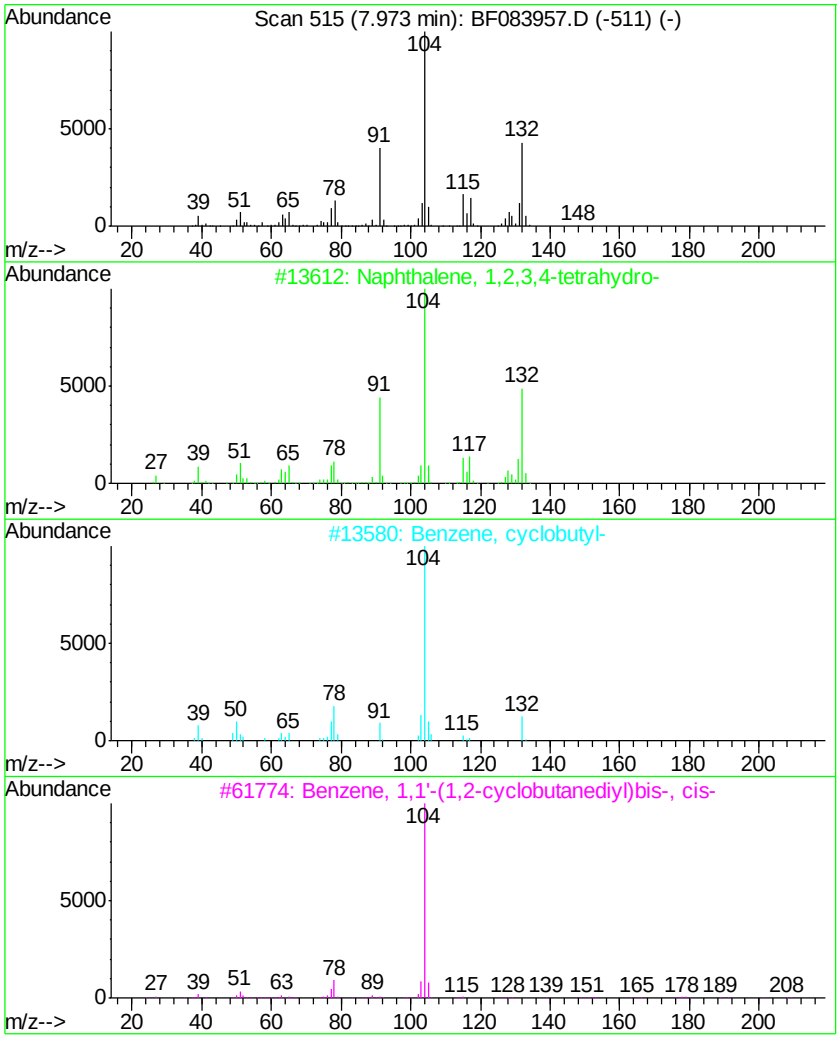
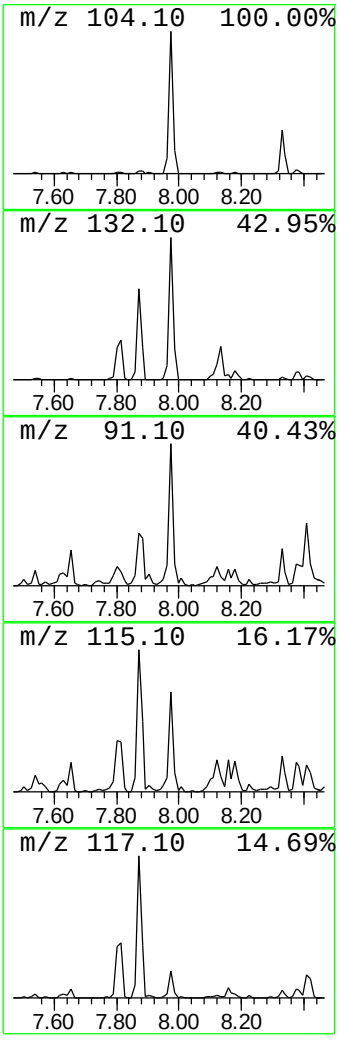
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	12.96 ng	727701	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2	Benzene, cyclobutyl-	132	C10H12	004392-30-7	59
3	Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	38
4	3(2H)-Furanone, dihydro-2,2-dime...	190	C12H14O2	063678-00-2	38
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	37





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Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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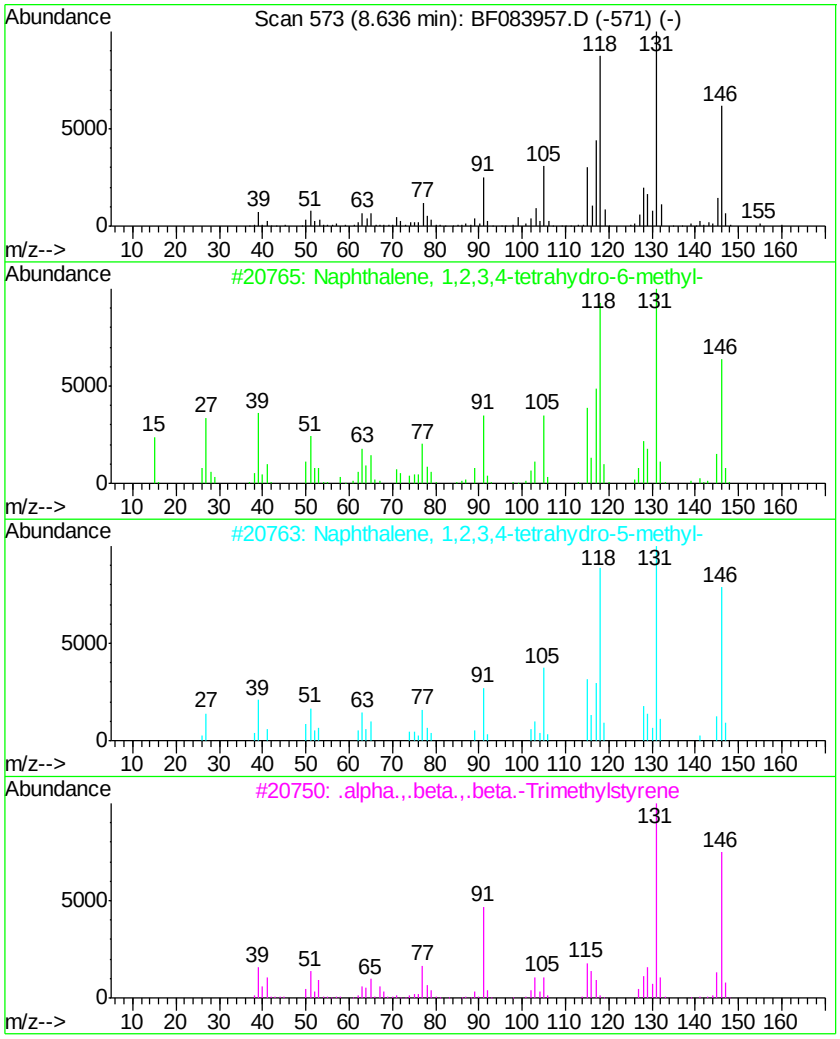
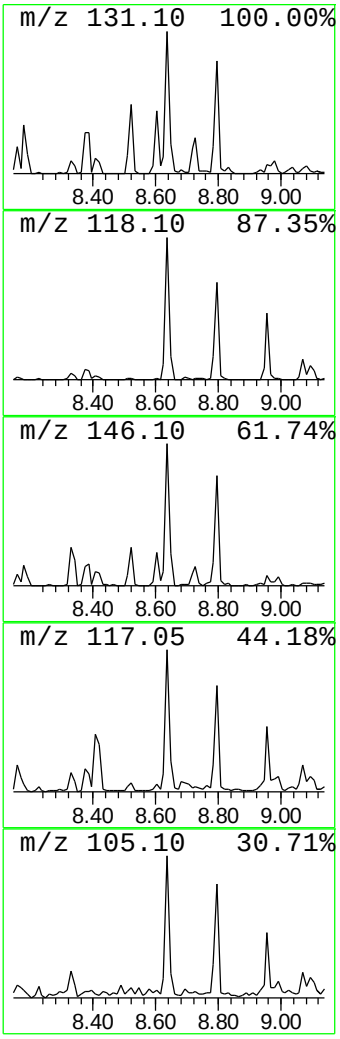
Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	15.42 ng	865662	Naphthalene-d8	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	87
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	74
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58





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Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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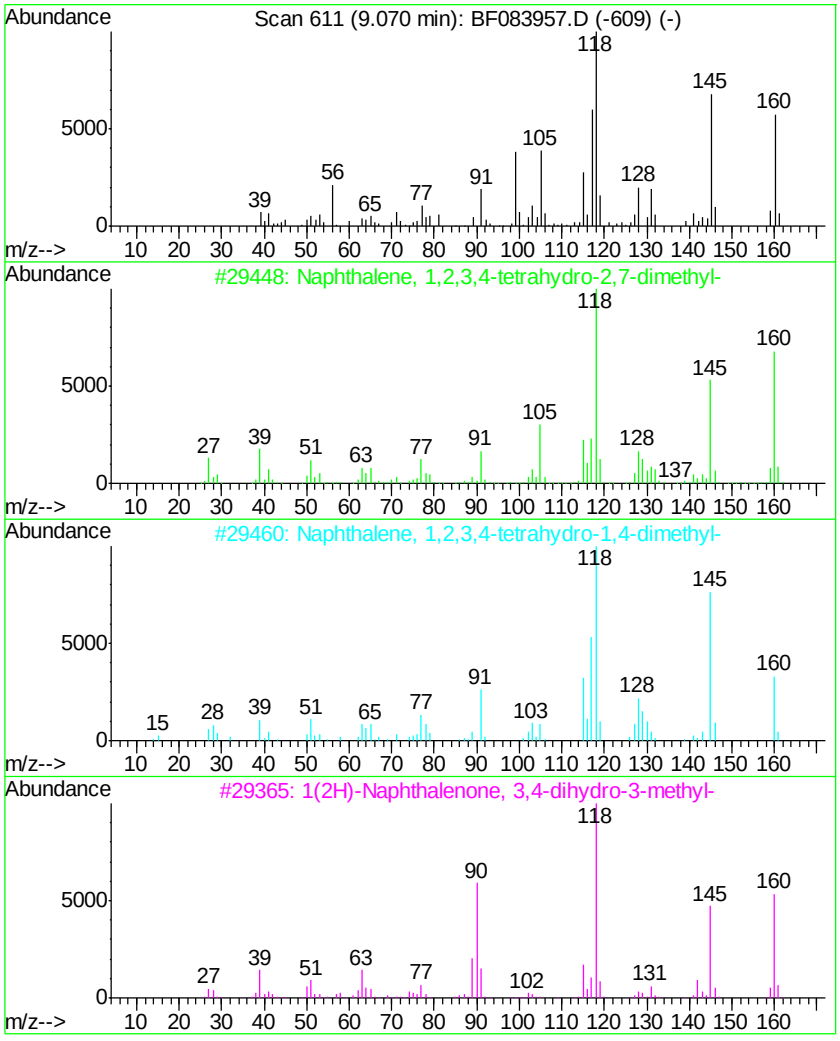
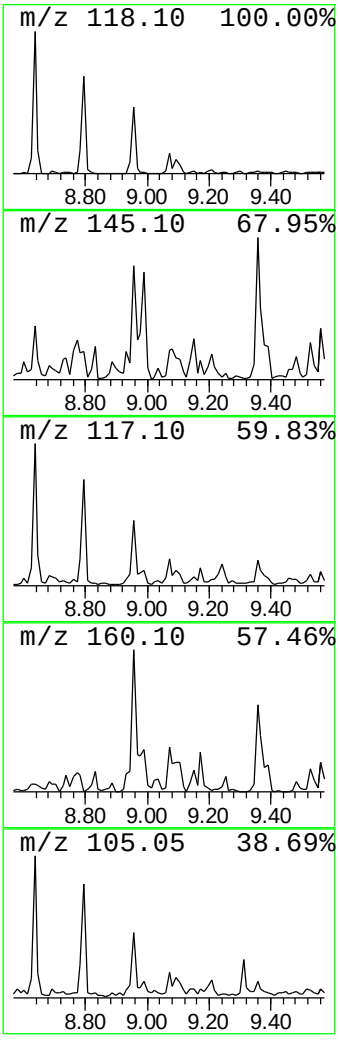
Peak Number 15 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.56 ng	326335	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	89
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
3	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	52
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49
5	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	46





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Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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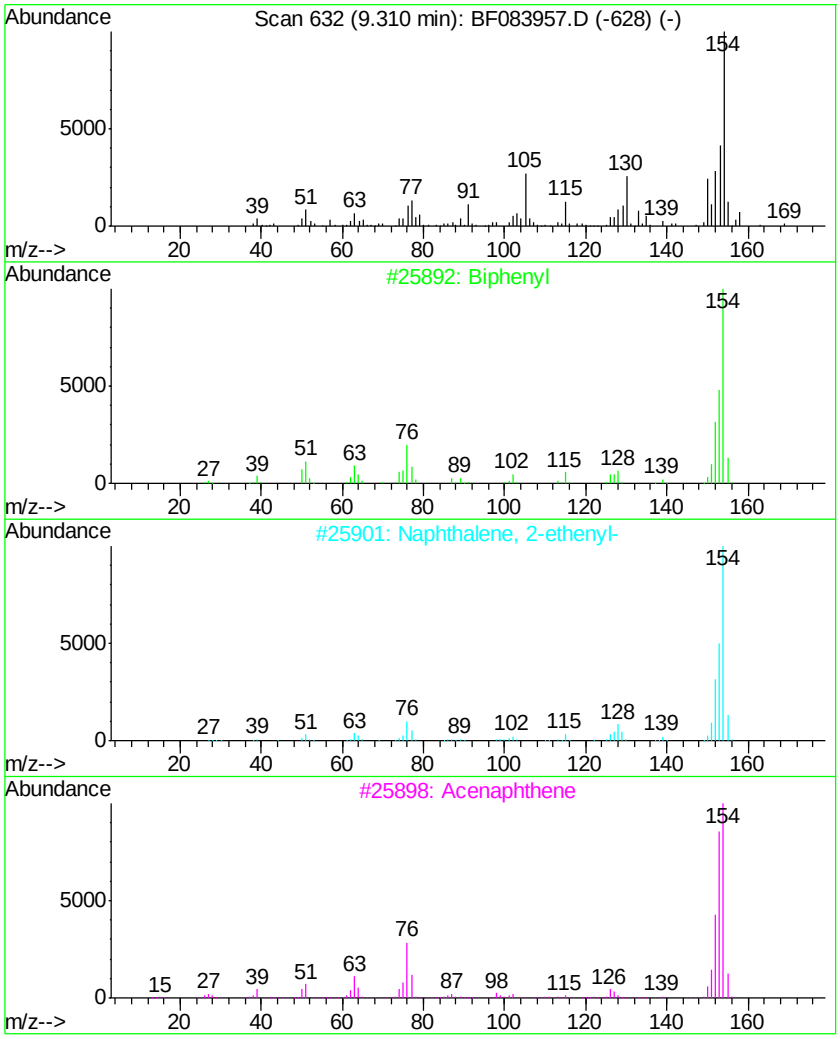
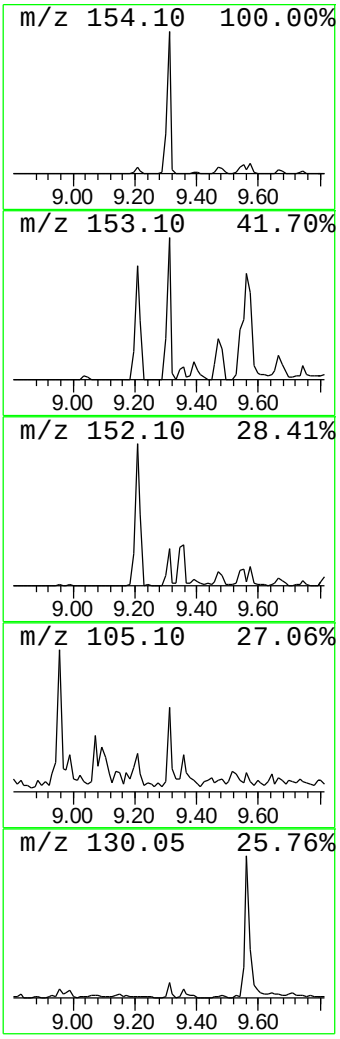
Peak Number 16 Biphenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	7.43 ng	320725	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	78
2	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	60
3	Acenaphthene	154	C12H10	000083-32-9	35
4	Propanedinitrile, (phenylmethyle...	154	C10H6N2	002700-22-3	30
5	3-Quinolinecarbonitrile	154	C10H6N2	034846-64-5	30





Library Search Compound Report

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Acq On : 19 Dec 2015 16:29
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Misc :
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Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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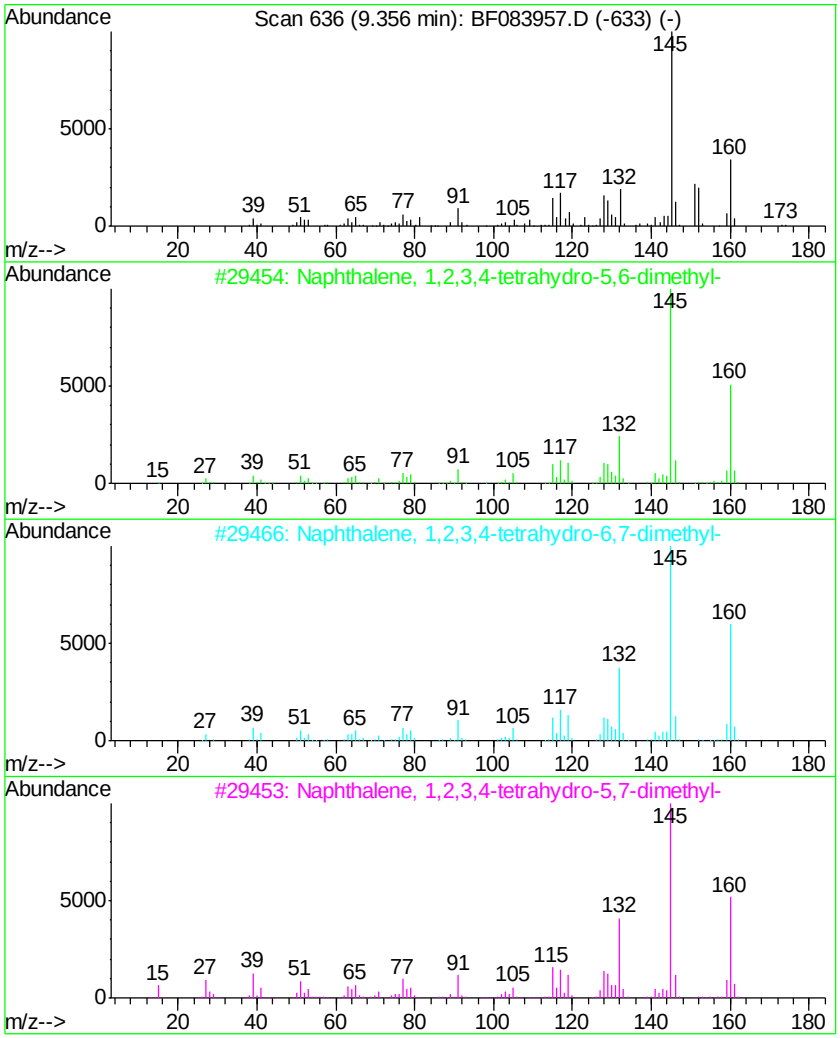
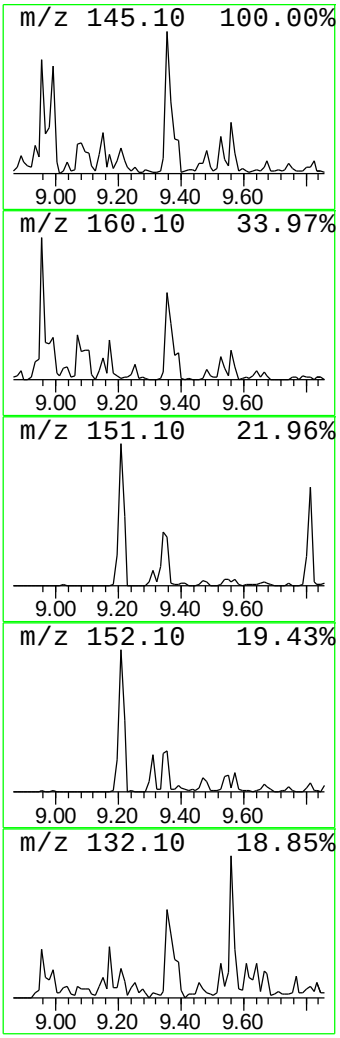
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	13.26 ng	572340	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	86
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	86
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76





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Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
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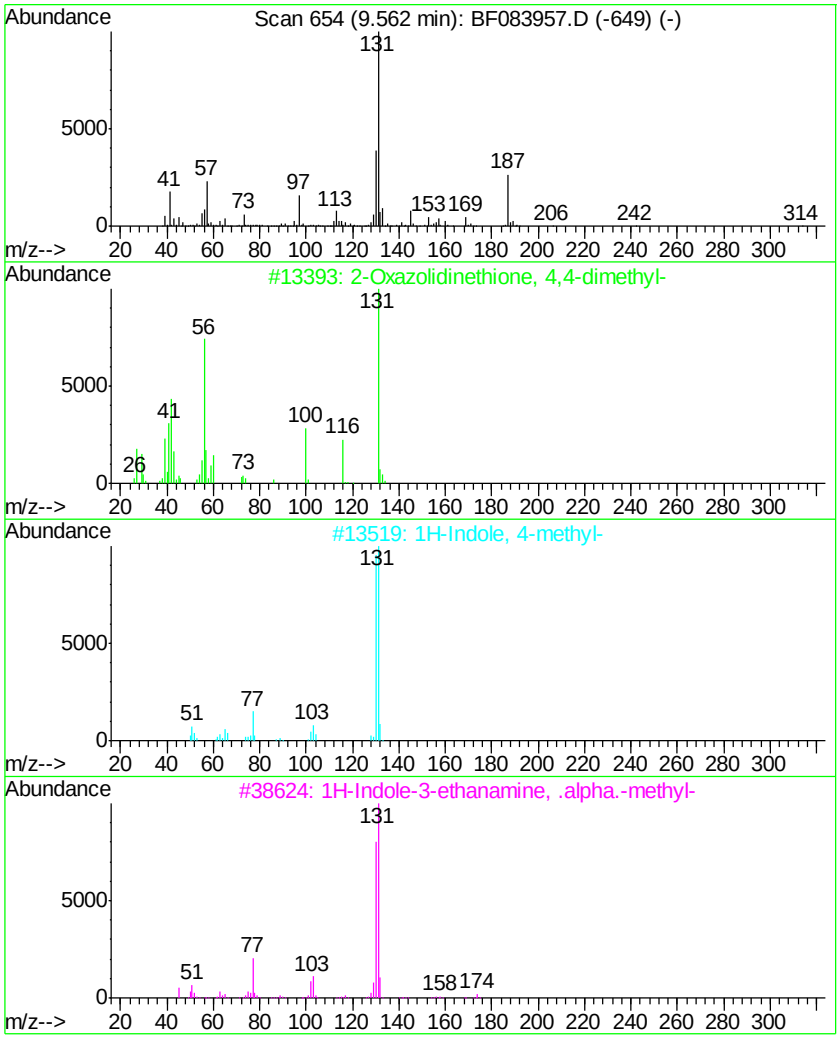
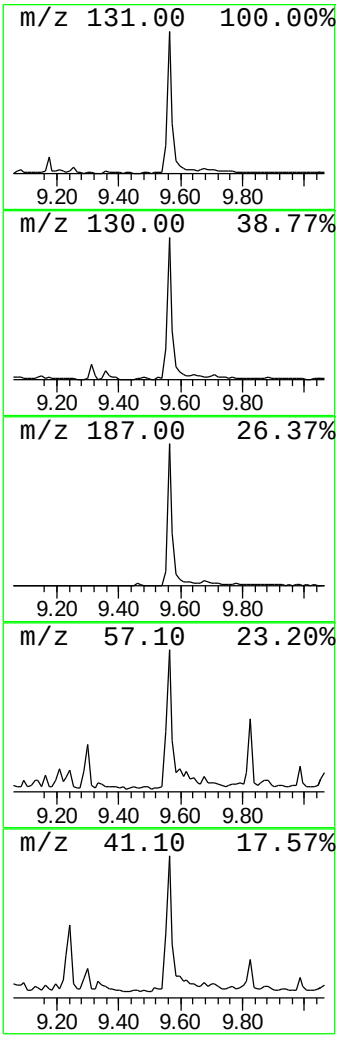
Peak Number 18 unknown9.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	38.89 ng	1678190	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxazolidinethione, 4,4-dimethyl-	131	C5H9NOS	054013-55-7	32
2	1H-Indole, 4-methyl-	131	C9H9N	016096-32-5	25
3	1H-Indole-3-ethanamine, .alpha.-...	174	C11H14N2	000299-26-3	17
4	1H-Indole, 6-methyl-	131	C9H9N	003420-02-8	17
5	1H-Indole, 5-methyl-	131	C9H9N	000614-96-0	17





Library Search Compound Report

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Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-18

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.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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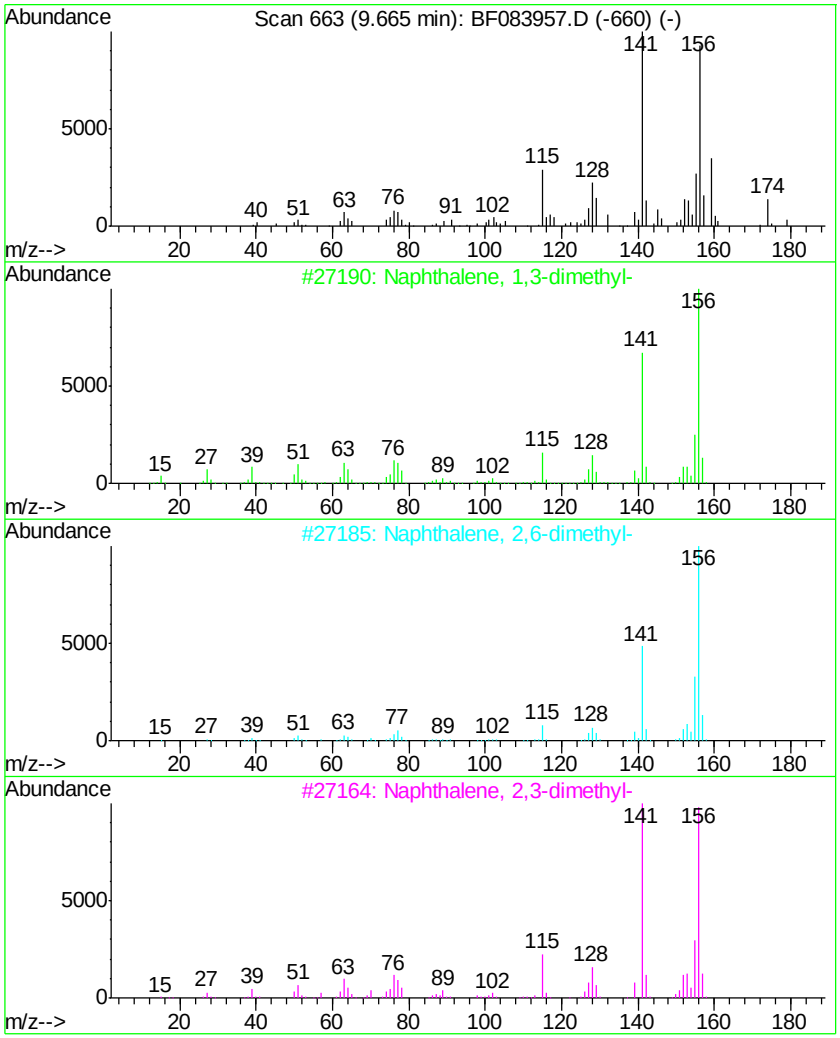
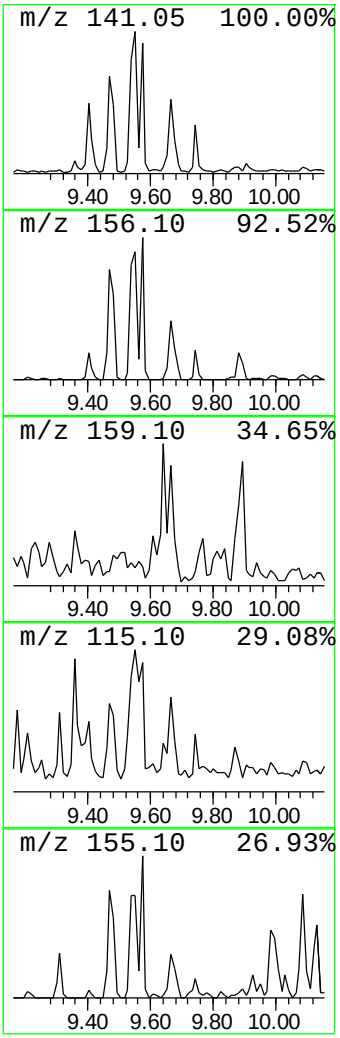
Peak Number 19 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	6.78 ng	292355	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
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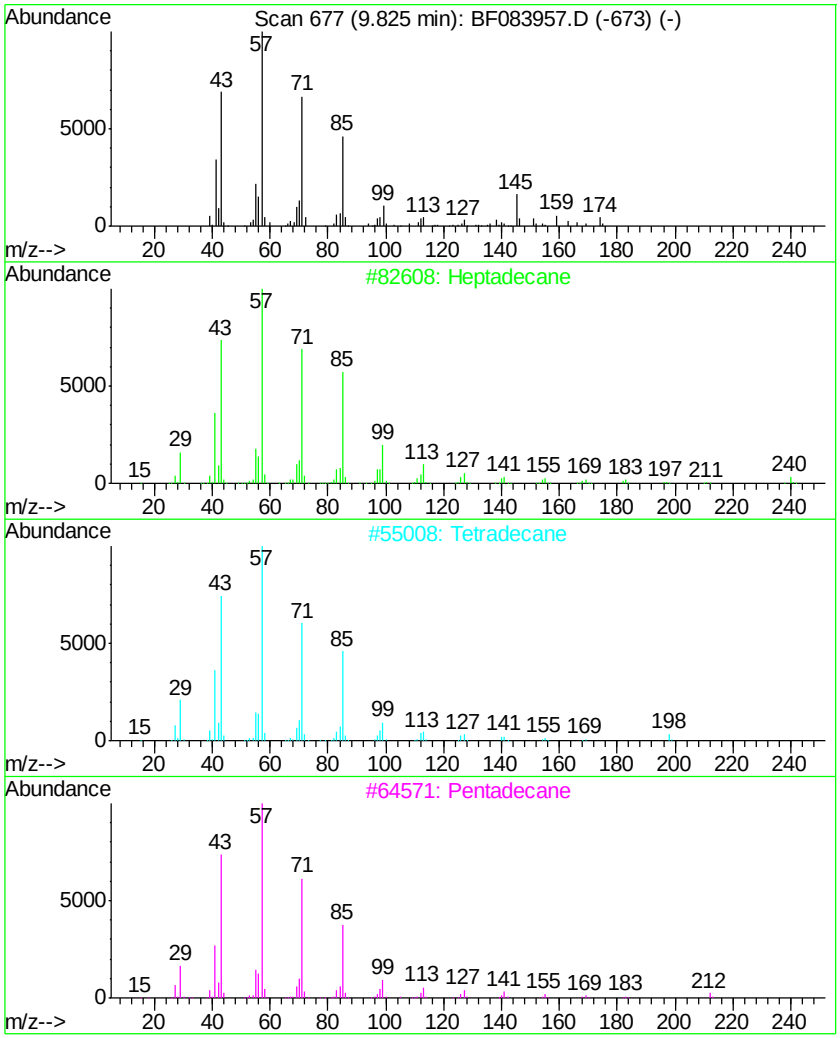
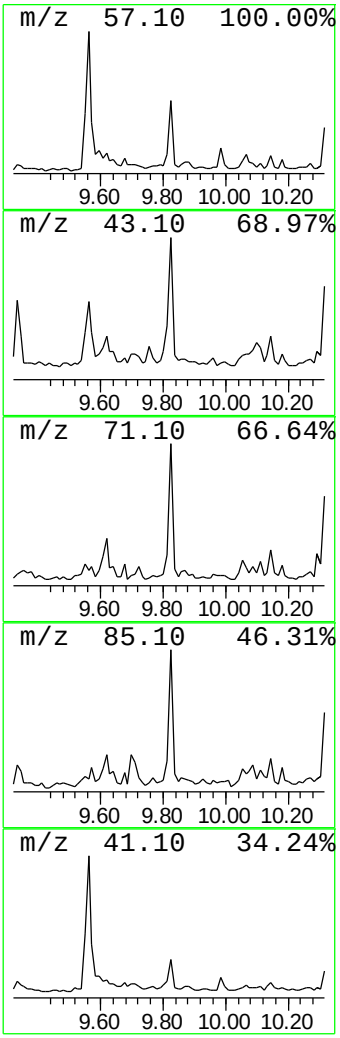
Peak Number 20 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	7.16 ng	308939	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Tetradecane	198	C14H30	000629-59-4	72
3	Pentadecane	212	C15H32	000629-62-9	72
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
5	Tridecane	184	C13H28	000629-50-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083957.D
Acq On : 19 Dec 2015 16:29
Operator : UM/SJ
Sample : G4828-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.37	8.9	ng	187968	1	6.85	424166	20.0
2-Pentanone, 4-hy...	5.02	21.8	ng	463167	1	6.85	424166	20.0
Benzene, 1-ethyl-...	6.37	10.7	ng	227122	1	6.85	424166	20.0
unknown6.62	6.62	52.5	ng	1113320	1	6.85	424166	20.0
Benzene, 1,2,3-tr...	6.67	25.7	ng	544857	1	6.85	424166	20.0
Benzene, 4-ethyl-...	7.17	12.0	ng	254593	1	6.85	424166	20.0
Benzene, 1-methyl...	7.25	6.9	ng	146494	1	6.85	424166	20.0
Benzene, 2-ethyl-...	7.32	12.0	ng	255280	1	6.85	424166	20.0
Naphthalene, 1,2,...	7.97	13.0	ng	727701	2	8.13	1122660	20.0
Naphthalene, 1,2,...	8.64	15.4	ng	865662	2	8.13	1122660	20.0
Naphthalene, 1,2,...	9.07	7.6	ng	326335	3	9.88	863040	20.0
Biphenyl	9.31	7.4	ng	320725	3	9.88	863040	20.0
Naphthalene, 1,2,...	9.36	13.3	ng	572340	3	9.88	863040	20.0
unknown9.56	9.56	38.9	ng	1678190	3	9.88	863040	20.0
Naphthalene, 1,3-...	9.66	6.8	ng	292355	3	9.88	863040	20.0
Heptadecane	9.82	7.2	ng	308939	3	9.88	863040	20.0