LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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	2.178	6	8	13	rVB	420232	590374	1.72%	0.180%
2	3.915	153	160	162	rBV	13493273	34415349	100.00%	10.485%
3	4.304	192	194	196	rBV	354234	428811	1.25%	0.131%
4	4.464	204	208	210	rBV2	2626206	4337461	12.60%	1.321%
5	4.761	231	234	236	rBV	291755	407969	1.19%	0.124%
6	4.875	242	244	248	rVB	515619	795257	2.31%	0.242%
7	5.035	255	258	261	rVV2	178572	435129	1.26%	0.133%
8	5.093	261	263	266	rVV3	480610	832674	2.42%	0.254%
9	5.218	272	274	276	rVB2	559184	826673	2.40%	0.252%
10	5.367	284	287	289	rBV	8548065	11368257	33.03%	3.464%
11	5.401	289	290	292	rVV	1215665	1386128	4.03%	0.422%
12	5.493	294	298	302	rVB2	14701014	29399516	85.43%	8.957%
13	5.653	310	312	313	rBV	323088	423521	1.23%	0.129%
14	5.687	313	315	316	rVV	617393	628143	1.83%	0.191%
15	5.744	316	320	321	rVV	7410367	7416926	21.55%	2.260%
16	5.767	321	322	325	rVV2	527352	600676	1.75%	0.183%
17	5.813	325	326	327	rVB	761767	522191	1.52%	0.159%
18	5.950	333	338	340	rBV3	589163	1281697	3.72%	0.390%
19	6.064	346	348	351	rBV	1813836	2072294	6.02%	0.631%
20	6.110	351	352	356	rVB4	492859	976448	2.84%	0.297%
21	6.213	359	361	363	rBV2	971907	1561719	4.54%	0.476%
22	6.338	369	372	373	rBV3	425945	893418	2.60%	0.272%
23	6.361	373	374	376	rVB	1456270	1150802	3.34%	0.351%
24	6.430	376	380	381	rBV2	3985084	4283392	12.45%	1.305%
25	6.464	381	383	385	rBV	1052069	1204678	3.50%	0.367%
26	6.498	385	386	388	rVB	1748496	2116677	6.15%	0.645%
27	6.556	388	391	392	rBV	1046463	1803237	5.24%	0.549%
28	6.613	392	396	398	rVB3	1313472	2715205	7.89%	0.827%
29	6.681	398	402	404	rBV	3860197	5879125	17.08%	1.791%
30	6.727	404	406	408	rVB	5130478	4936845	14.34%	1.504%
31	6.784	408	411	414	rBV4	872316	1542010	4.48%	0.470%
32	6.830	414	415	417	rVB2	622626	486105	1.41%	0.148%
33	6.910	419	422	425	rBV3	2006390	4134613	12.01%	1.260%
34	6.967	425	427	433	rVB	3079372	3847647	11.18%	1.172%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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	7.059	433	435	438	rBV2	4940701	6032439	17.53%	1.838%
36	7.116	438	440	442	rVB2	1547767	1429716	4.15%	0.436%
37	7.241	447	451	456	rVB4	1768588	5037961	14.64%	1.535%
38	7.310	456	457	460	rBV2	1724371	2891095	8.40%	0.881%
39	7.470	464	471	472	rBV	4871189	8104370	23.55%	2.469%
40	7.504	472	474	475	rVV2	370540	458542	1.33%	0.140%
41	7.561	477	479	480	rVB	2538608	2920783	8.49%	0.890%
42	7.607	480	483	484	rBV2	1189232	2468921	7.17%	0.752%
43	7.699	484	491	493	rVB4	3968874	14988777	43.55%	4.567%
44	7.744	493	495	496	rVB2	2581212	2450485	7.12%	0.747%
45	7.790	496	499	501	rBV4	2358013	4240969	12.32%	1.292%
46	7.859	501	505	507	rVB4	2752395	4911543	14.27%	1.496%
47	7.904	507	509	511	rBV2	2102007	2998289	8.71%	0.913%
48	7.939	511	512	515	rVB2	1818268	2108966	6.13%	0.643%
49	7.996	515	517	518	rBV2	918737	1629968	4.74%	0.497%
50	8.030	518	520	522	rBV3	1608368	2373172	6.90%	0.723%
51	8.064	522	523	526	rVB3	1624528	2848051	8.28%	0.868%
52	8.121	526	528	529	rBV2	624851	805879	2.34%	0.246%
53	8.144	529	530	533	rVB3	813933	832735	2.42%	0.254%
54	8.213	533	536	538	rVB2	4298727	8658248	25.16%	2.638%
55	8.270	538	541	544	rVB5	946163	1479115	4.30%	0.451%
56	8.316	544	545	547	rBV2	324432	370925	1.08%	0.113%
57	8.373	547	550	552	rBV3	2455127	4292900	12.47%	1.308%
58	8.442	554	556	557	rBV2	1164321	1315456	3.82%	0.401%
59	8.464	557	558	560	rVB2	787324	1037645	3.02%	0.316%
60	8.544	560	565	567	rBV2	2373901	6549011	19.03%	1.995%
61	8.579	567	568	570	rVB	2393787	1754234	5.10%	0.534%
62	8.670	570	576	578	rBV7	2129536	7781232	22.61%	2.371%
63	8.784	584	586	591	rVB3	4680148	9824379	28.55%	2.993%
64	8.864	591	593	595	rBV	1901206	3808935	11.07%	1.160%
65	8.979	601	603	604	rBV2	1798361	2321979	6.75%	0.707%
66	9.013	604	606	607	rVB	3211029	4224093	12.27%	1.287%
67	9.047	607	609	610	rBV	943640	1209900	3.52%	0.369%
68	9.093	612	613	615	rVB2	1643861	1631340	4.74%	0.497%
69	9.139	615	617	619	rBV2	1998404	4193738	12.19%	1.278%
70	9.196	619	622	624	rVV2	2563160	4976225	14.46%	1.516%
71	9.242	624	626	627	rVV	1625458	2294889	6.67%	0.699%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

72	9.276	627	629	631	rVB2	7107036	9097557	26.43%	2.772%
73	9.322	631	633	636	rVB4	1632972	2820748	8.20%	0.859%
74	9.367	636	637	640	rBV3	729840	1504112	4.37%	0.458%
75	9.424	640	642	643	rBV2	757671	1093754	3.18%	0.333%
76	9.482	643	647	649	rVB4	1481999	3000432	8.72%	0.914%
77	9.539	651	652	656	rVB4	986210	1537187	4.47%	0.468%
78	9.619	657	659	661	rVB3	998895	1557674	4.53%	0.475%
79	9.665	661	663	664	rBV2	688382	1369760	3.98%	0.417%
80	9.767	670	672	675	rVB2	2183512	2869218	8.34%	0.874%
81	9.836	675	678	680	rVB2	1405150	2127096	6.18%	0.648%
82	9.882	680	682	684	rBV2	463966	597879	1.74%	0.182%
83	9.927	684	686	687	rBV	1302234	2044223	5.94%	0.623%
84	9.950	687	688	692	rVB	2406934	1973004	5.73%	0.601%
85	10.007	692	693	694	rBV	385586	401942	1.17%	0.122%
86	10.042	694	696	700	rVB4	562395	1023012	2.97%	0.312%
87	10.099	700	701	704	rBV3	747057	1238501	3.60%	0.377%
88	10.213	707	711	713	rBV2	1614404	2958484	8.60%	0.901%
89	10.270	713	716	717	rBV2	603123	1283438	3.73%	0.391%
90	10.305	717	719	724	rVB4	1679541	3667640	10.66%	1.117%
91	10.396	724	727	728	rBV3	658982	825419	2.40%	0.251%
92	10.647	747	749	750	rBV	329675	420315	1.22%	0.128%
93	10.693	751	753	754	rVV2	420430	526631	1.53%	0.160%
94	10.739	754	757	759	rVB2	2690416	3046115	8.85%	0.928%
95	10.865	766	768	774	rBV7	235078	663641	1.93%	0.202%
96	11.436	816	818	820	rBV	1730887	1656476	4.81%	0.505%
97	13.013	954	956	958	rBV	2272355	2971661	8.63%	0.905%
98	13.071	958	961	963	rVB	364392	468542	1.36%	0.143%
99	14.065	1046	1048	1051	rVB2	1084822	1306469	3.80%	0.398%
100	15.517	1172	1175	1178	rVB	995325	1214648	3.53%	0.370%

Sum of corrected areas: 328223450

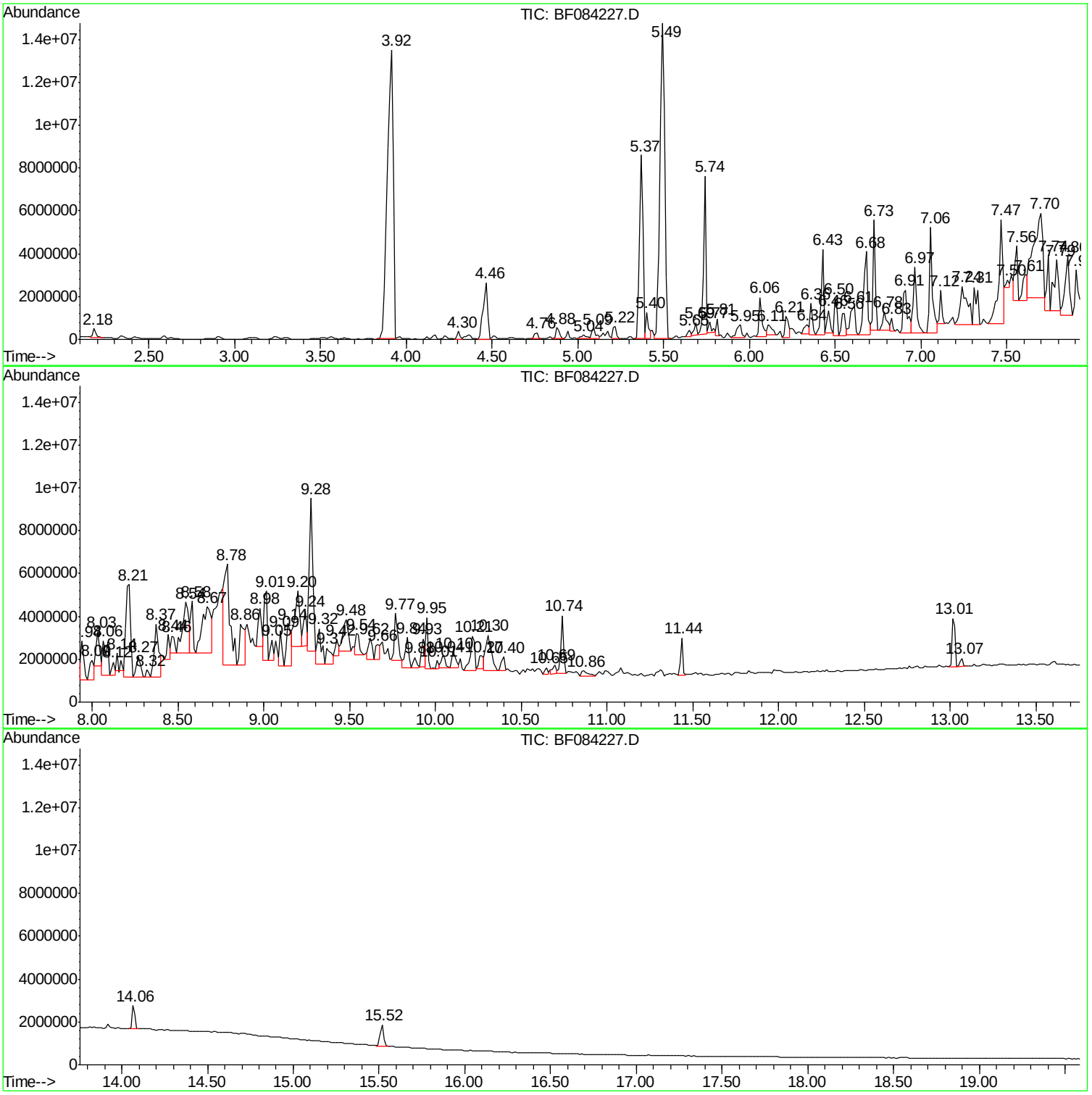
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

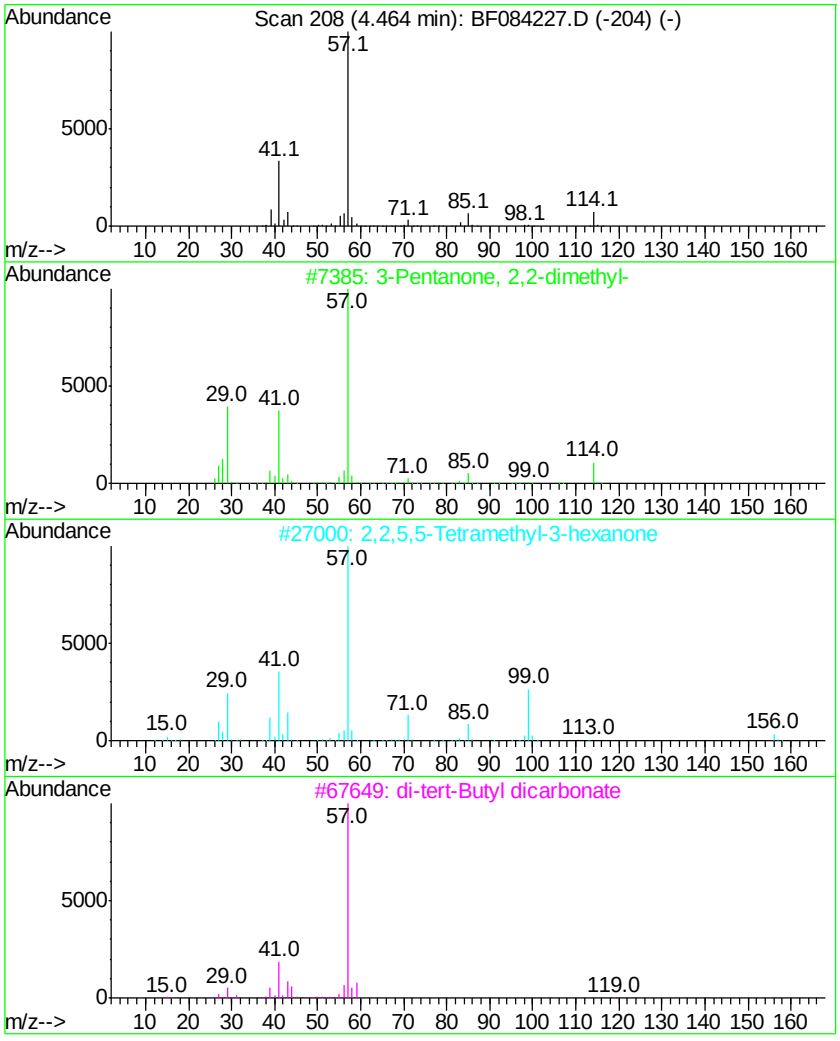
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

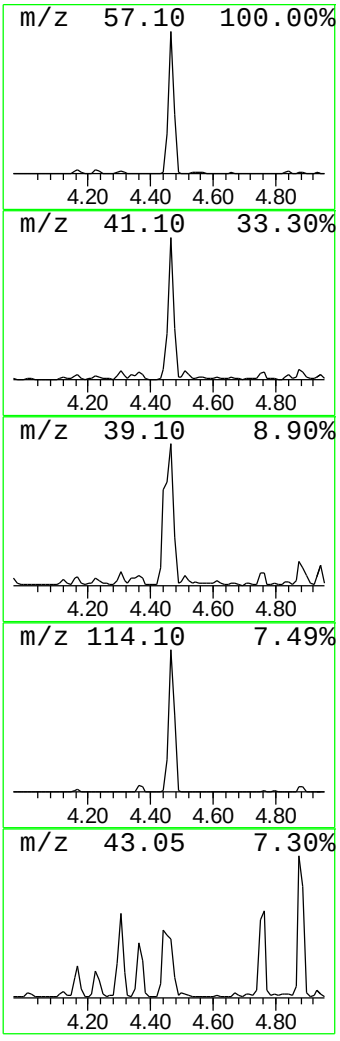
****

Peak Number 2 3-Pentanone, 2,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	20.98 ng	4337460	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,2-dimethyl-	114	C7H14O	000564-04-5	64
2	2,2,5,5-Tetramethyl-3-hexanone	156	C10H20O	000868-91-7	59
3	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	47
4	3-Hexanone, 4-methyl-	114	C7H14O	017042-16-9	43
5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	42





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

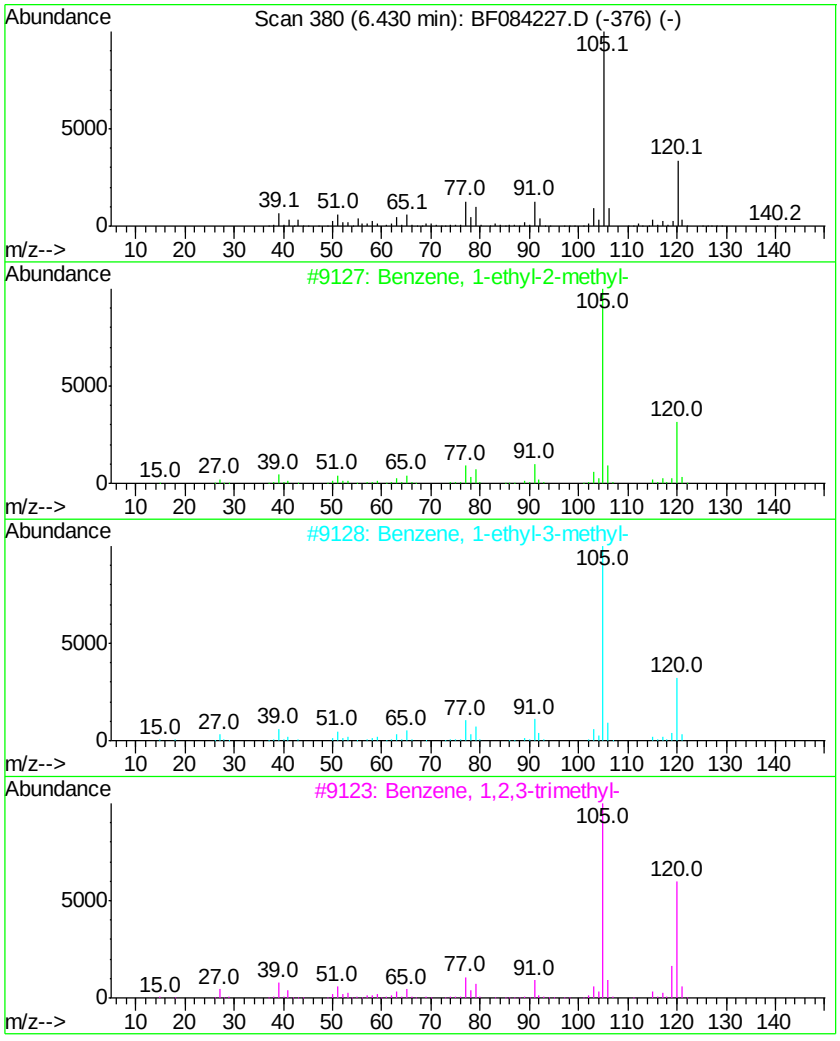
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

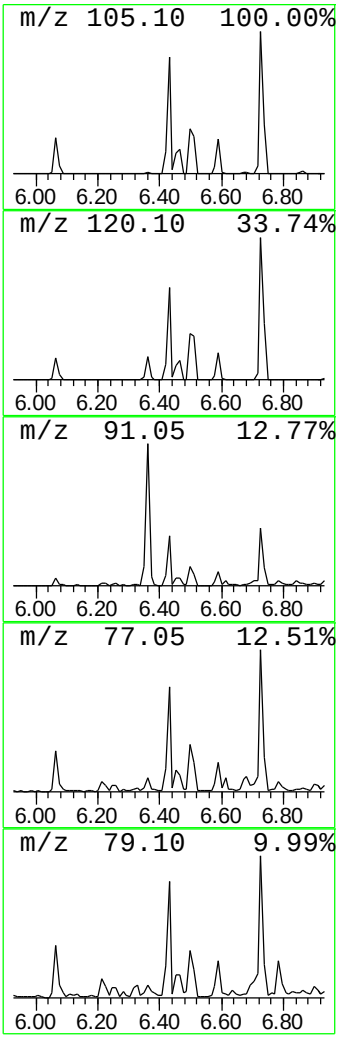
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	20.72 ng	4283390	1,4-Dichlorobenzene-d4	6.90

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, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

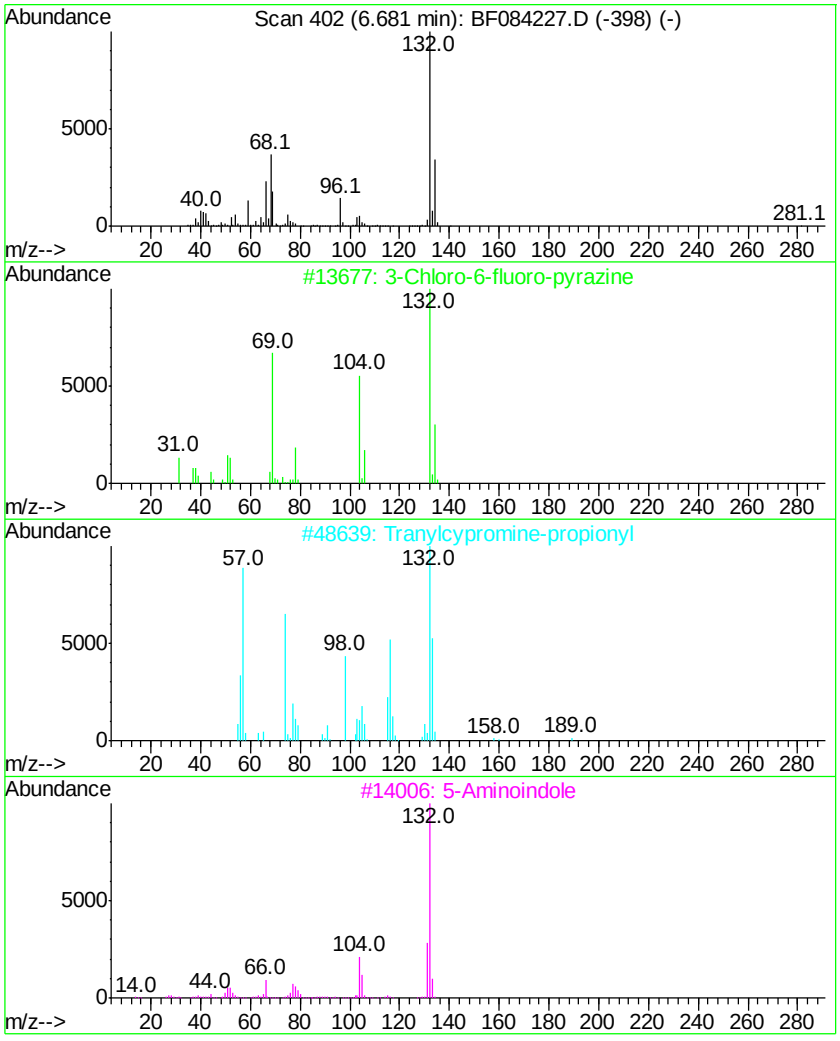
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

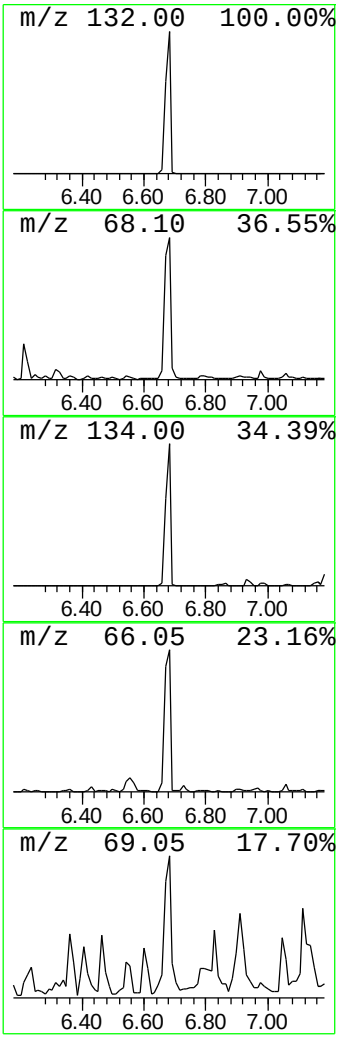
****

Peak Number 6 unknown6.68 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	28.44 ng	5879130	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	9
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

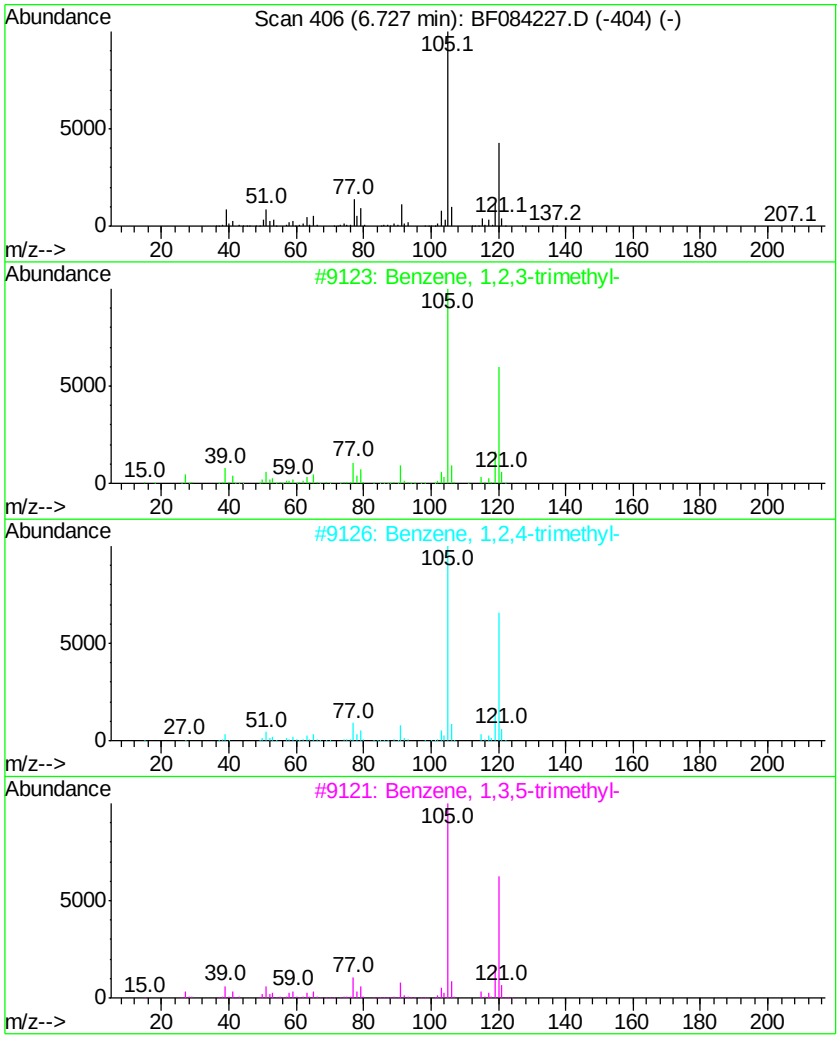
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

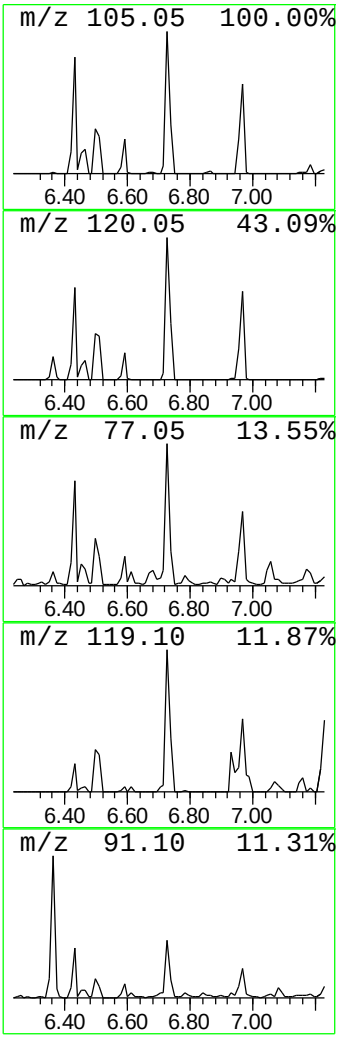
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	23.88 ng	4936850	1,4-Dichlorobenzene-d4	6.90

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-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

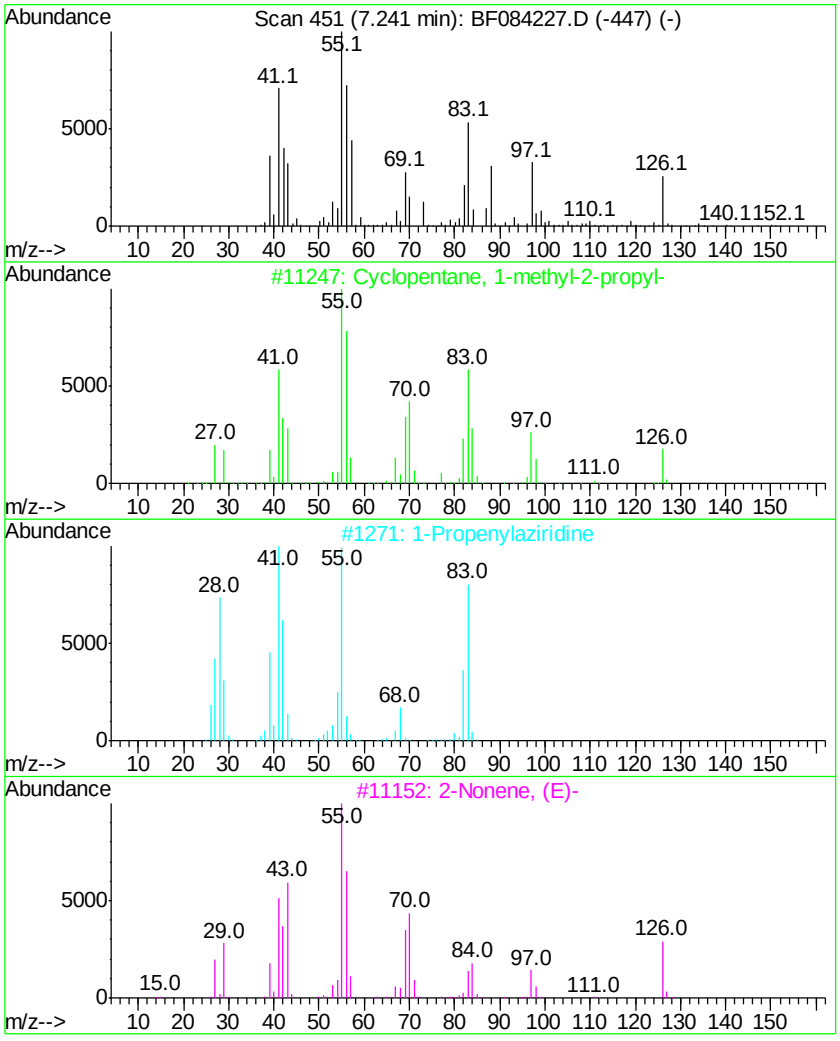
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

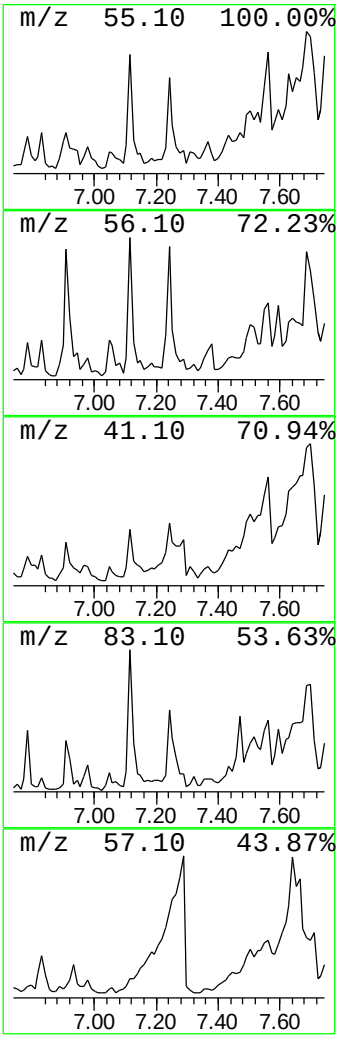
****

Peak Number 10 Cyclopentane, 1-methyl-2-pr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	24.37 ng	5037960	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	64
2	1-Propenylaziridine	83	C5H9N	1000192-51-0	43
3	2-Nonene, (E)-	126	C9H18	006434-78-2	43
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	35
5	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	27





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

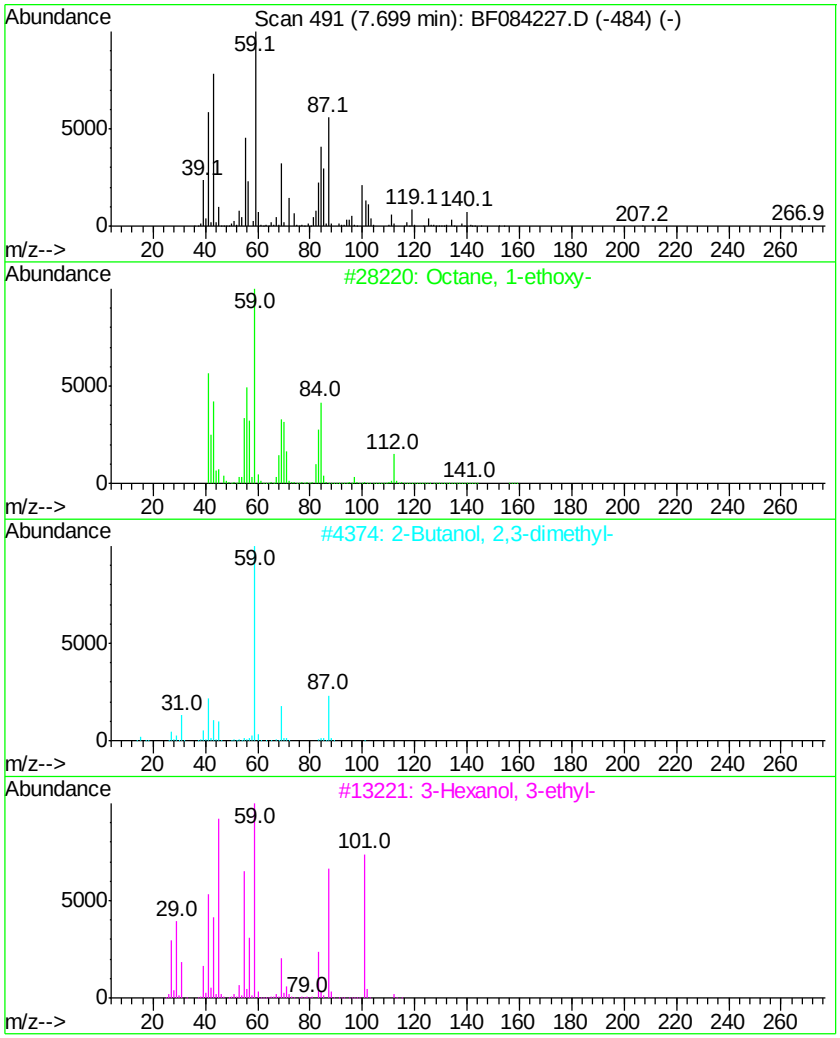
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

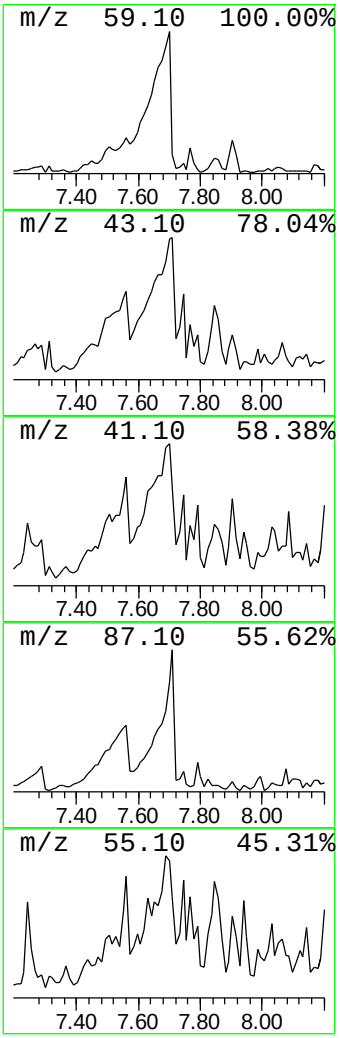
****

Peak Number 11 unknown7.70 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	34.62 ng	14988800	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1-ethoxy-	158	C10H22O	000929-61-3	38
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	25
3	3-Hexanol, 3-ethyl-	130	C8H18O	000597-76-2	25
4	2,2-Dimethylbutanedioic acid	146	C6H10O4	000597-43-3	25
5	Propanedioic acid, methyl-, dime...	146	C6H10O4	000609-02-9	23





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

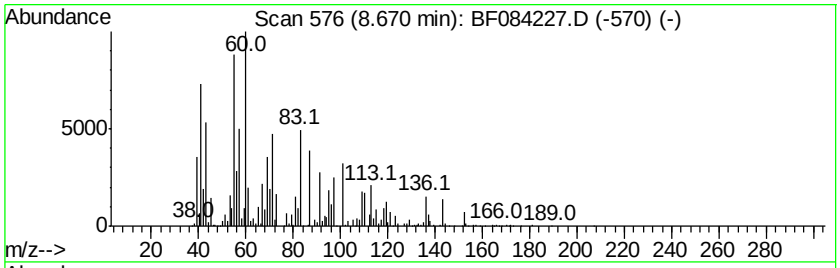
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

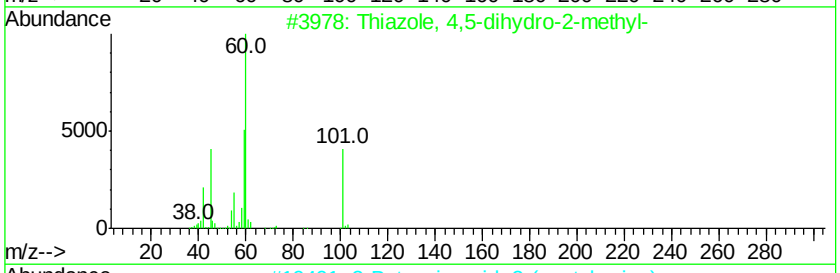
****

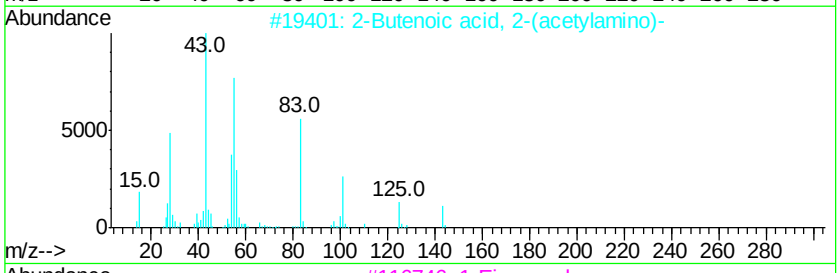
Peak Number 12 unknown8.67 Concentration Rank 20

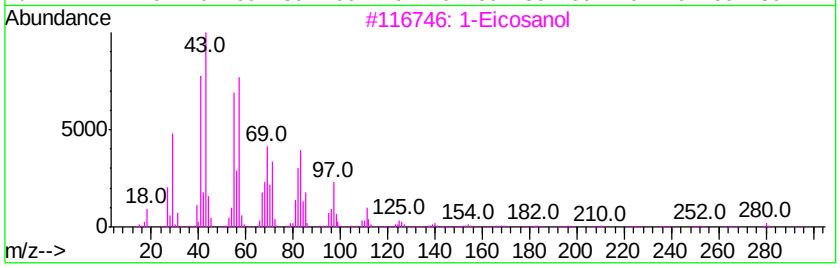
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	17.97 ng	7781230	Naphthalene-d8	8.19

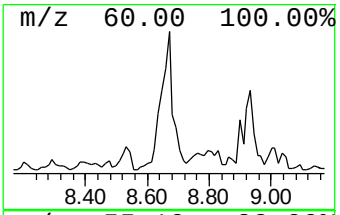
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	12
2	2-Butenoic acid, 2-(acetylamino)-	143	C6H9NO3	055649-71-3	11
3	1-Eicosanol	298	C20H42O	000629-96-9	10
4	5-Hexenoic acid	114	C6H10O2	001577-22-6	10
5	2,4-Pentadien-1-ol, 3-propyl-, (...	126	C8H14O	1000142-17-9	10

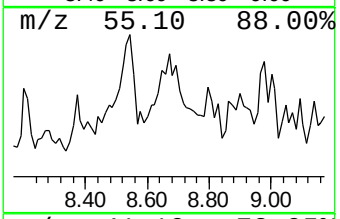


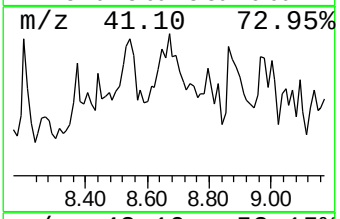


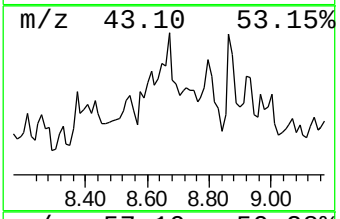


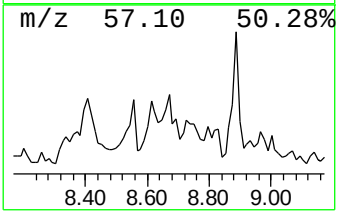












Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

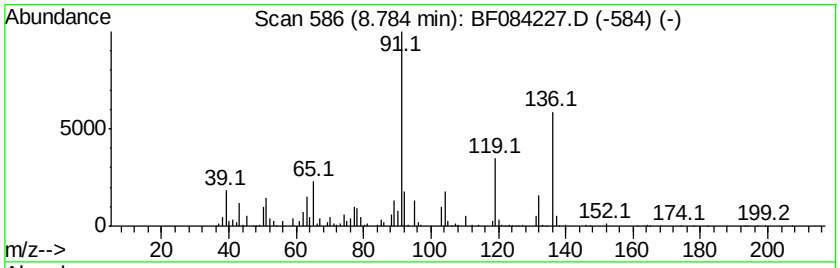
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

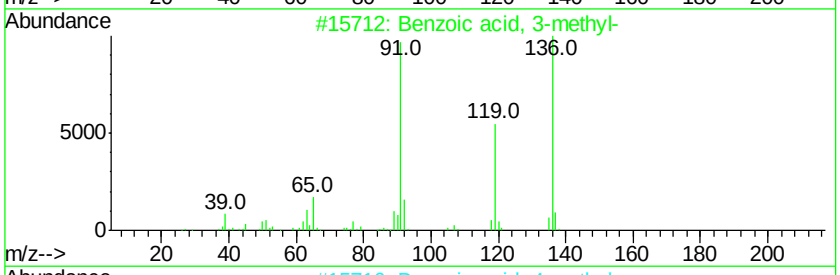
****

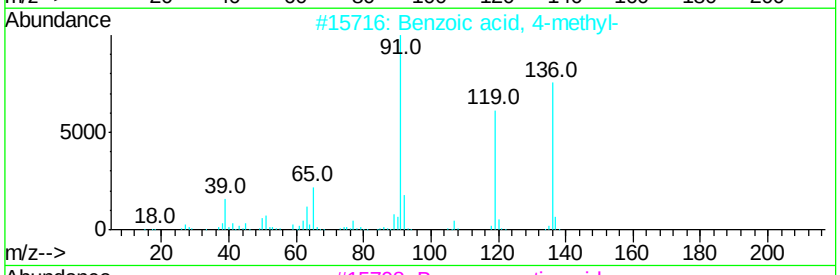
Peak Number 13 Benzoic acid, 3-methyl- Concentration Rank 15

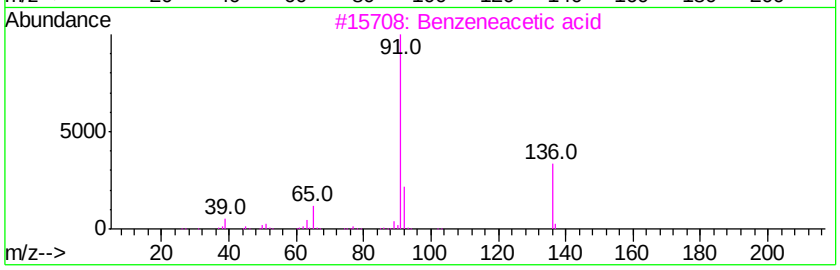
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	22.69 ng	9824380	Naphthalene-d8	8.19

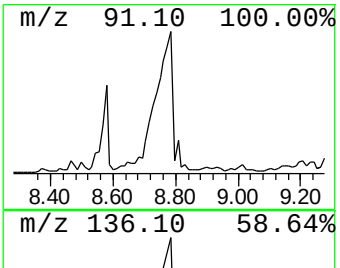
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	76
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	62
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	55
4	Benzamidoxime	136	C7H8N2O	000613-92-3	50
5	2,3-Dimethylanisole	136	C9H12O	002944-49-2	47

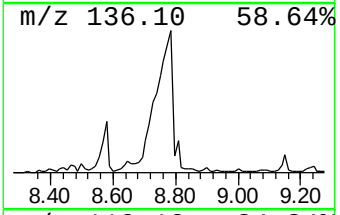


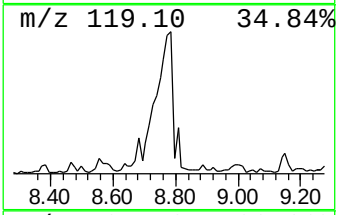


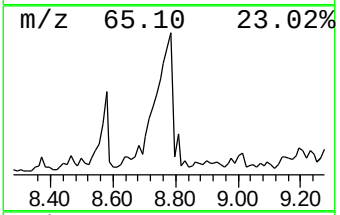


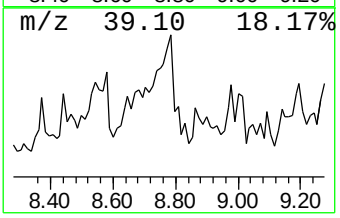












Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

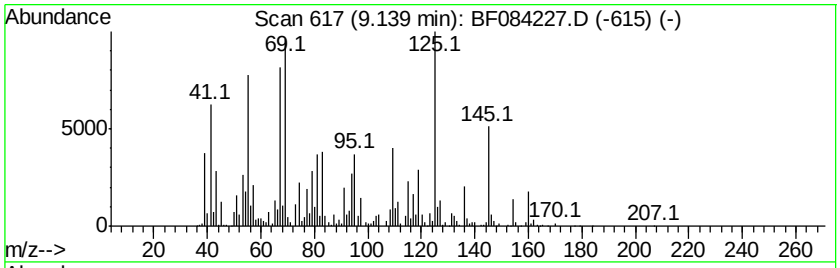
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

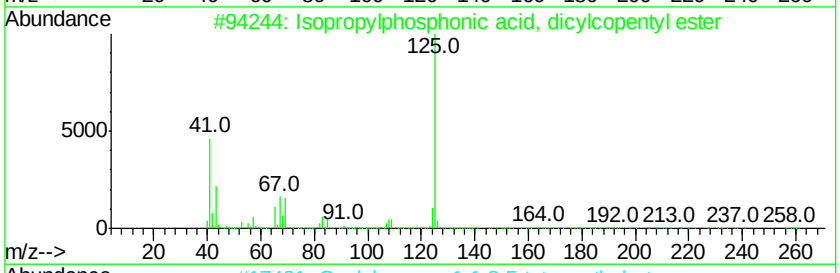
****

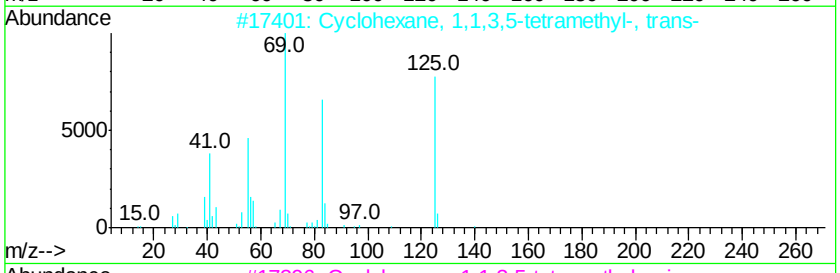
Peak Number 14 Isopropylphosphonic acid, d... Concentration Rank 4

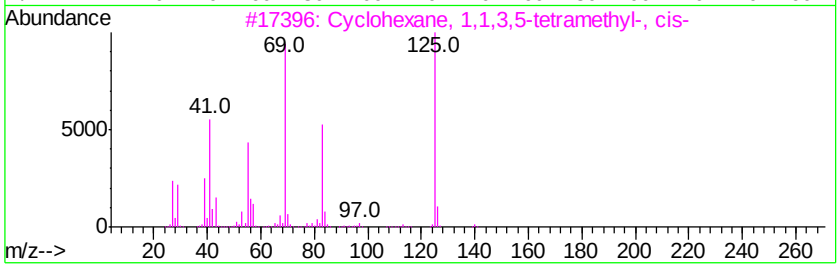
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	42.51 ng	4193740	Acenaphthene-d10	9.95

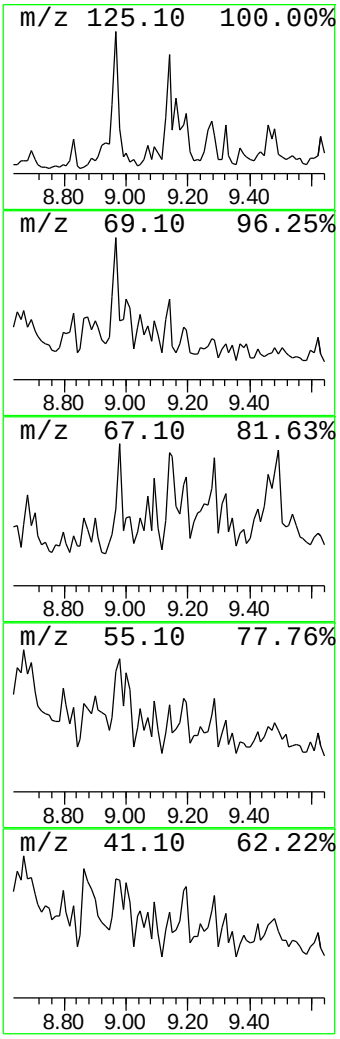
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylphosphonic acid, dicylc...	260	C13H25O3P	1000273-18-4	50
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	41
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35
4	Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	25
5	3-Undecyne	152	C11H20	060212-30-8	14











Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

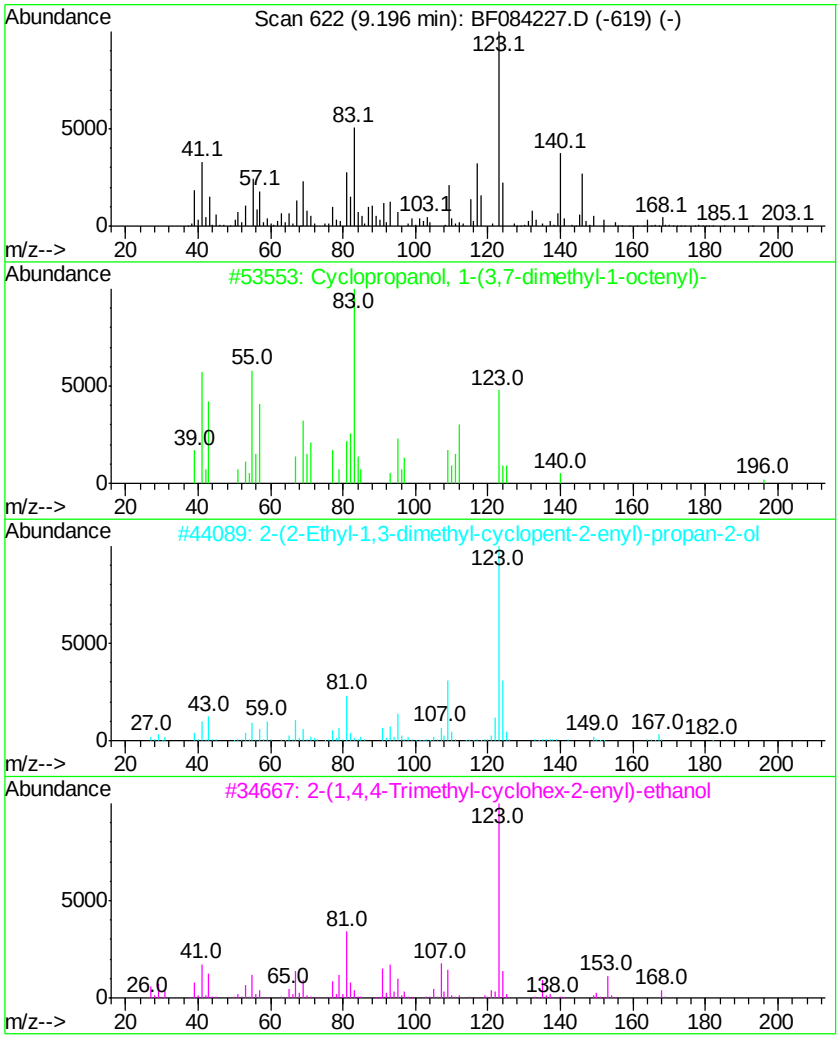
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

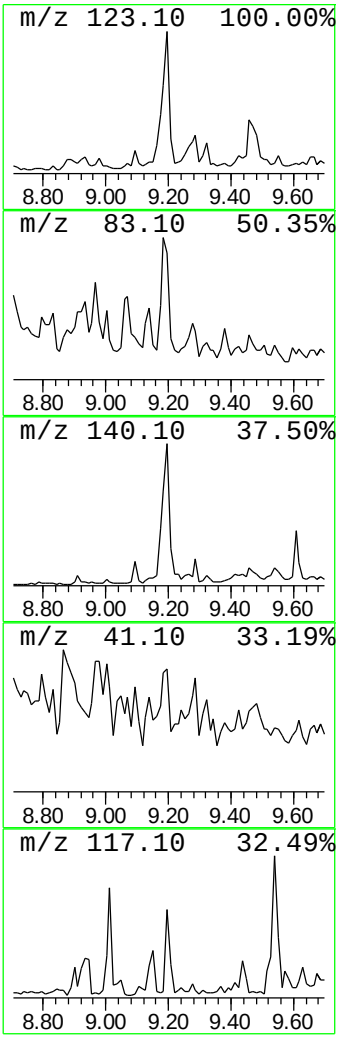
****

Peak Number 15 unknown9.20 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	50.44 ng	4976230	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanol, 1-(3,7-dimethyl-1...	196	C13H24O	065147-72-0	40
2	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	25
3	2-(1,4,4-Trimethyl-cyclohex-2-en...	168	C11H20O	1000190-92-3	16
4	Benzeneacetic acid, 3,4-dihydroxy-	168	C8H8O4	000102-32-9	14
5	Benzoic acid, 3-fluoro-, ethyl e...	168	C9H9FO2	000451-02-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

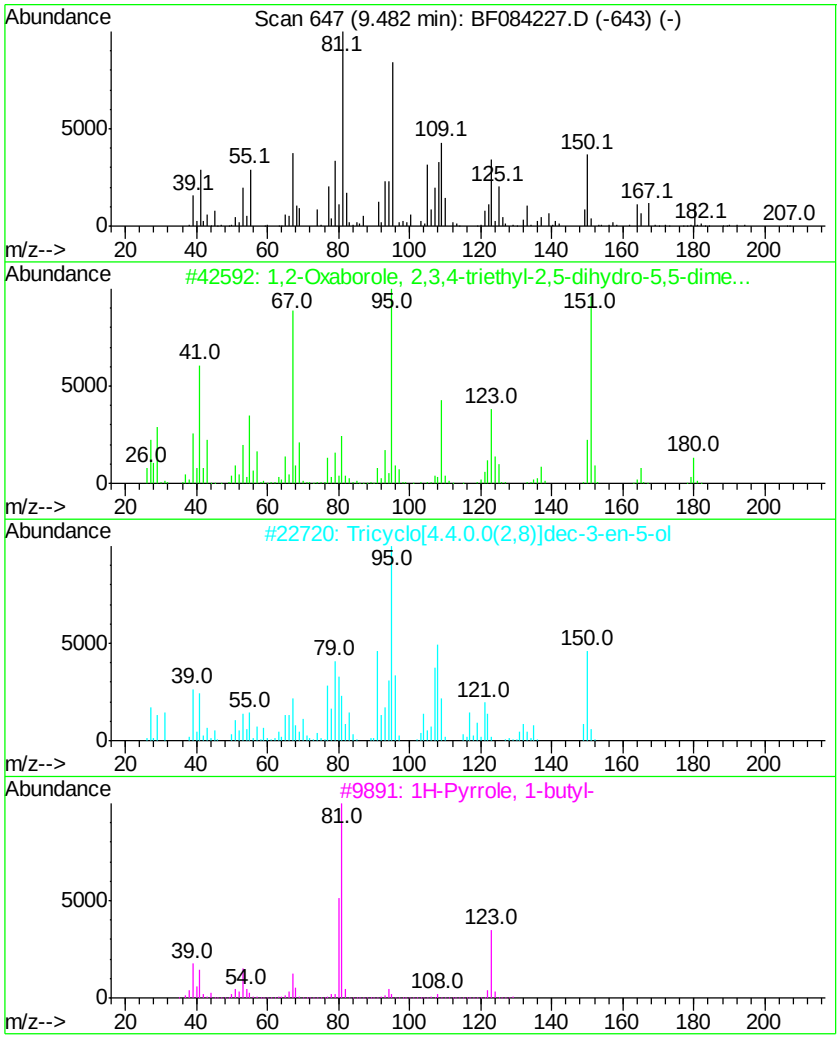
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

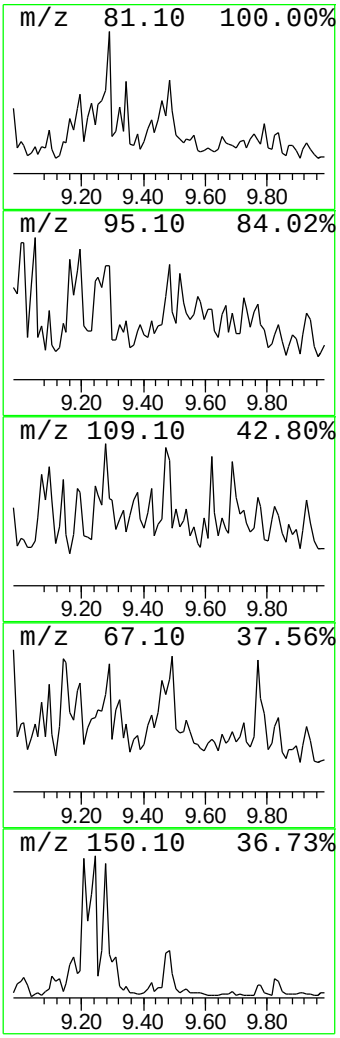
****

Peak Number 16 unknown9.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	30.41 ng	3000430	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Oxaborole, 2,3,4-triethyl-2,...	180	C11H21BO	061142-64-1	45
2	Tricyclo[4.4.0.0(2,8)]dec-3-en-5-ol	150	C10H14O	1000193-38-7	45
3	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	18
4	3-Pyridinecarboxylic acid, 1,2-d...	139	C6H5NO3	000609-71-2	14
5	Acetic acid, 7-oxobicyclo[2.2.1]...	182	C10H14O3	1000187-21-9	14





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

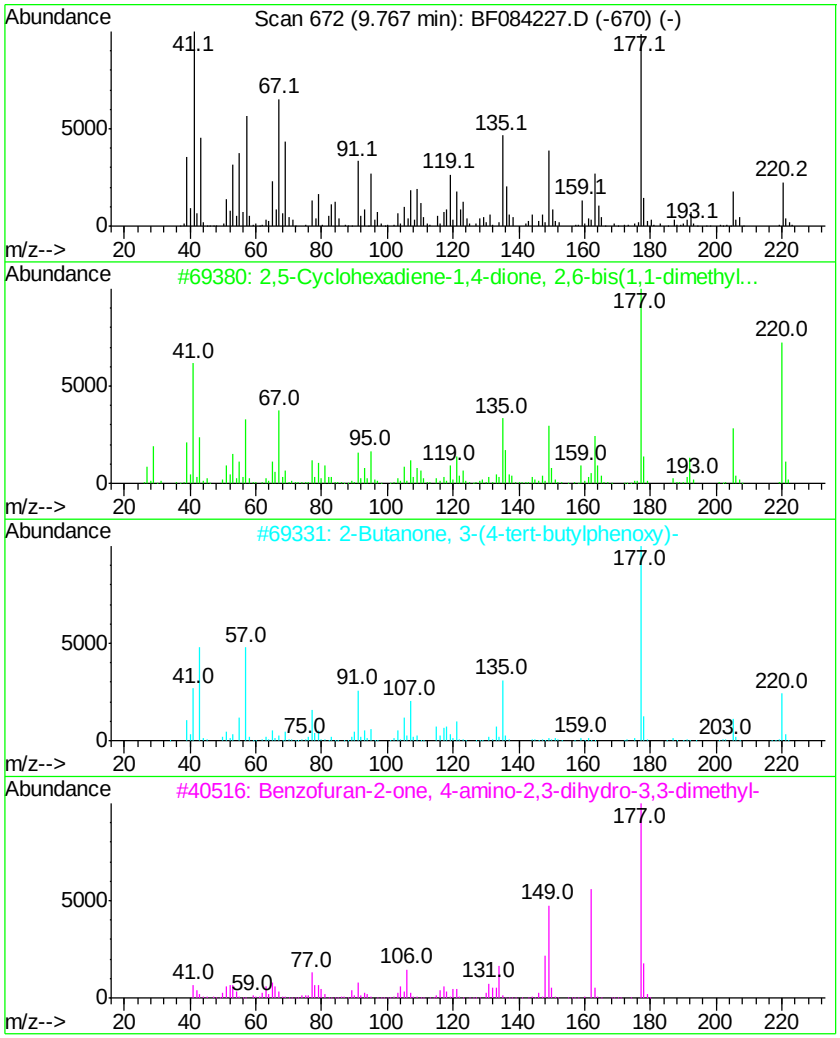
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

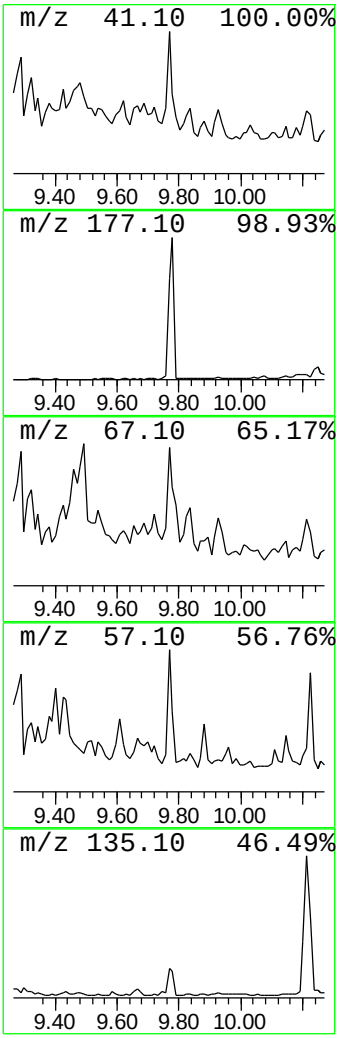
****

Peak Number 17 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	29.08 ng	2869220	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	97
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	83
3	Benzofuran-2-one, 4-amino-2,3-di...	177	C10H11NO2	1000129-51-7	30
4	4(1H)-Pteridinone, 2-amino-7-met...	177	C7H7N5O	013040-58-9	25
5	Calarene epoxide	220	C15H24O	1000151-46-0	22





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

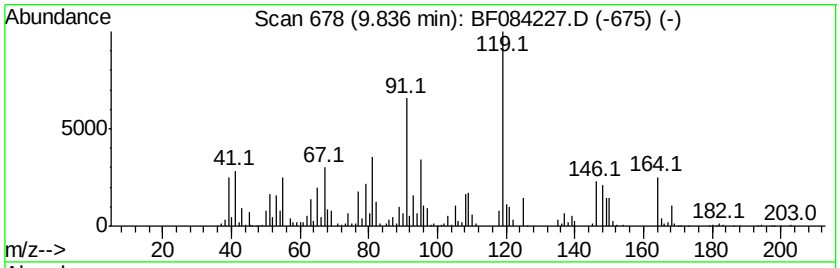
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

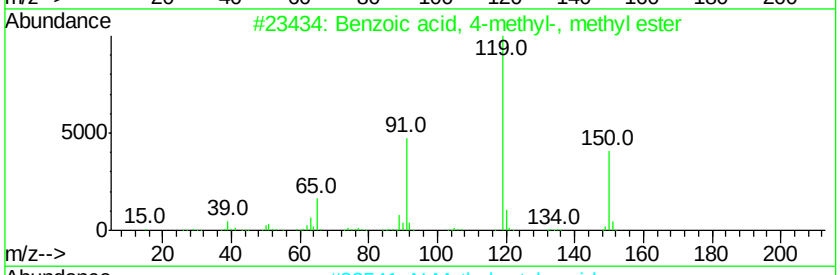
****

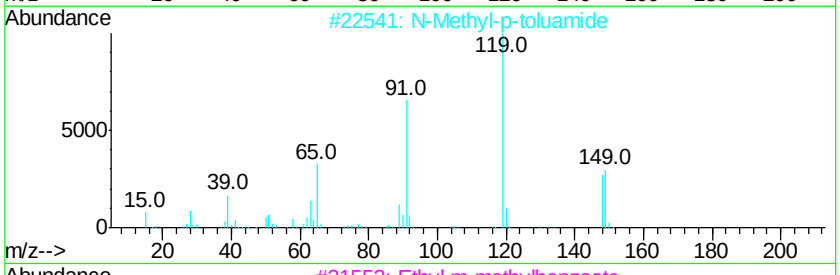
Peak Number 18 unknown9.84 Concentration Rank 16

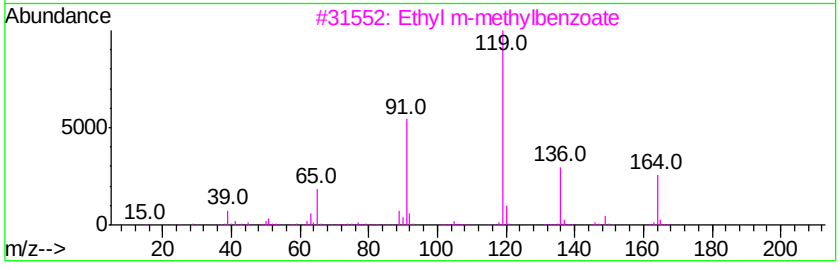
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	21.56 ng	2127100	Acenaphthene-d10	9.95

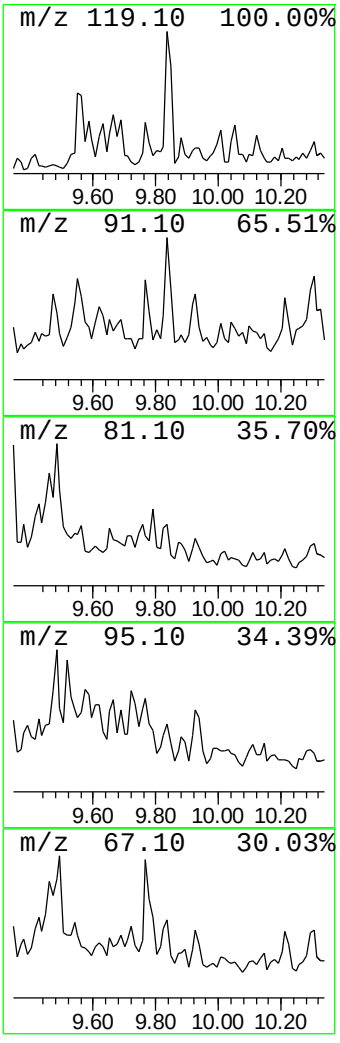
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-methyl-, methyl ...	150	C9H10O2	000099-75-2	46
2	N-Methyl-p-toluamide	149	C9H11NO	018370-11-1	46
3	Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	45
4	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	43
5	Benzoic acid, 4-methyl-, hydrazide	150	C8H10N2O	003619-22-5	42











Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

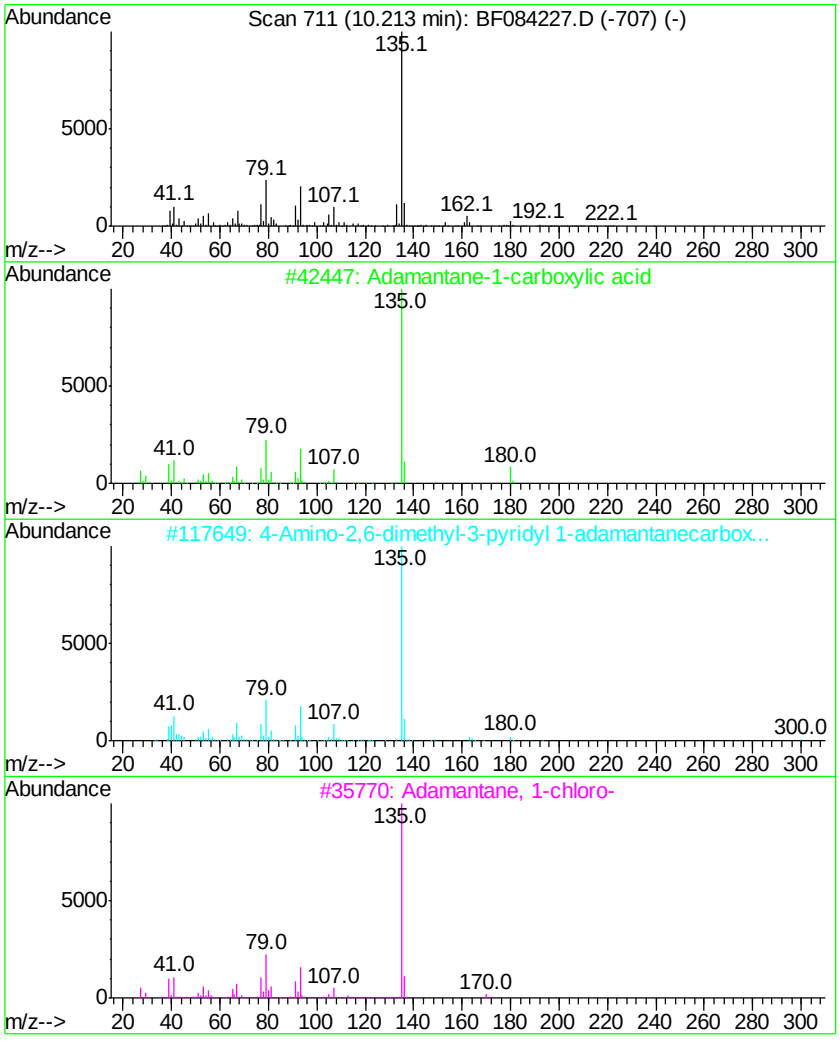
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

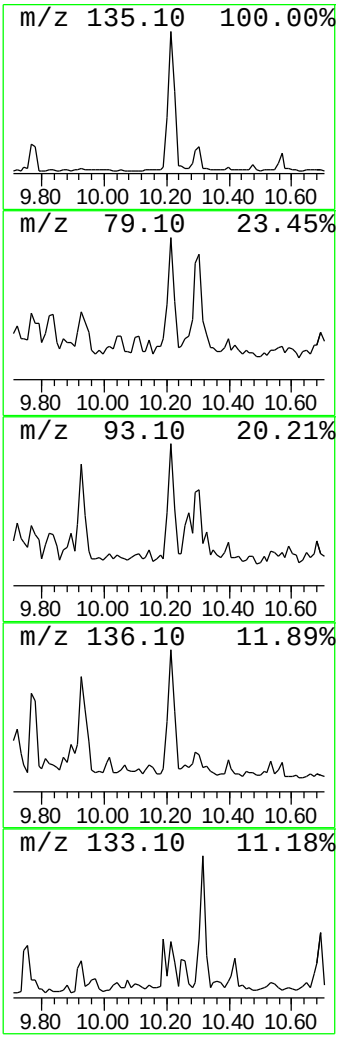
****

Peak Number 19 Adamantane-1-carboxylic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	29.99 ng	2958480	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	87
2	4-Amino-2,6-dimethyl-3-pyridyl 1...	300	C18H24N2O2	1000260-99-2	86
3	Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	78
4	Chloroacetic acid, 1-adamantylme...	242	C13H19ClO2	083813-49-4	78
5	Silane, trichloro(2-tricyclo[3.3...	296	C12H19Cl3Si	037843-11-1	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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

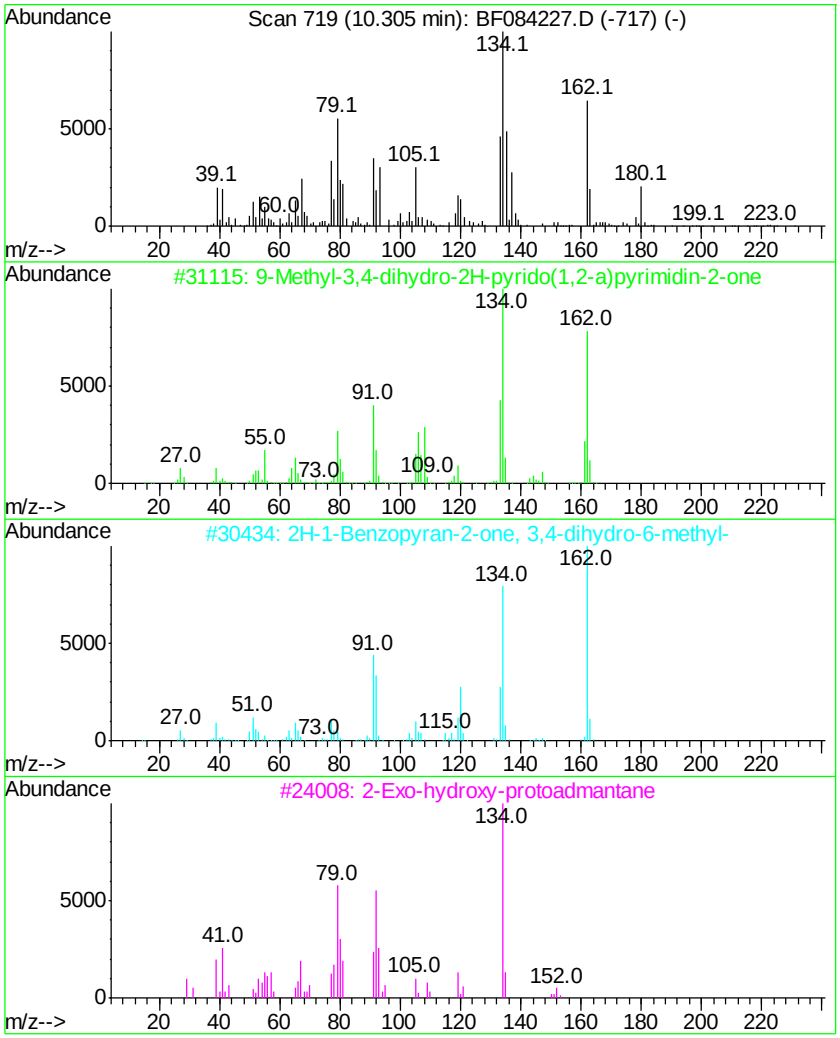
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

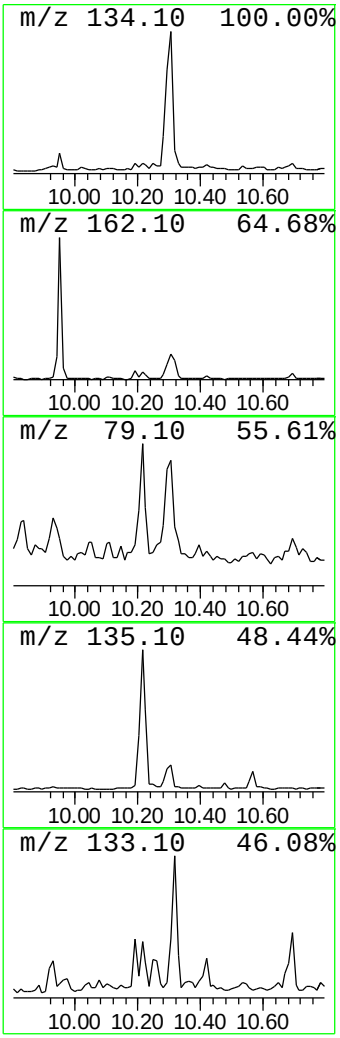
****

Peak Number 20 unknown10.30 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	37.18 ng	3667640	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methyl-3,4-dihydro-2H-pyrido(1...	162	C9H10N2O	061751-44-8	47
2	2H-1-Benzopyran-2-one, 3,4-dihyd...	162	C10H10O2	000092-47-7	43
3	2-Exo-hydroxy-protoadmantane	152	C10H16O	1000146-18-8	35
4	Adamantan-2-ol	152	C10H16O	000700-57-2	35
5	2-(1-Cyclopentenyl)furan	134	C9H10O	115754-78-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF123115\
Data File : BF084227.D
Acq On : 1 Jan 2016 6:11
Operator : UM/SJ
Sample : G4981-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0534

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
3-Pentanone, 2,2-...	4.46	21.0	ng	4337460	1	6.90	4134610	20.0
Benzene, 1-ethyl-...	6.43	20.7	ng	4283390	1	6.90	4134610	20.0
unknown6.68	6.68	28.4	ng	5879130	1	6.90	4134610	20.0
Benzene, 1,2,3-tr...	6.73	23.9	ng	4936850	1	6.90	4134610	20.0
Cyclopentane, 1-m...	7.24	24.4	ng	5037960	1	6.90	4134610	20.0
unknown7.70	7.70	34.6	ng	14988800	2	8.19	8658250	20.0
unknown8.67	8.67	18.0	ng	7781230	2	8.19	8658250	20.0
Benzoic acid, 3-m...	8.78	22.7	ng	9824380	2	8.19	8658250	20.0
Isopropylphosphon...	9.14	42.5	ng	4193740	3	9.95	1973000	20.0
unknown9.20	9.20	50.4	ng	4976230	3	9.95	1973000	20.0
unknown9.48	9.48	30.4	ng	3000430	3	9.95	1973000	20.0
2,5-Cyclohexadien...	9.77	29.1	ng	2869220	3	9.95	1973000	20.0
unknown9.84	9.84	21.6	ng	2127100	3	9.95	1973000	20.0
Adamantane-1-carb...	10.21	30.0	ng	2958480	3	9.95	1973000	20.0
unknown10.30	10.30	37.2	ng	3667640	3	9.95	1973000	20.0