LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

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-BF112916.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	2.801	39	45	49	rVB	38607	90550	2.07%	0.186%
2	2.904	51	54	57	rBV	38951	65917	1.51%	0.136%
3	3.773	126	130	133	rVB	154187	230001	5.27%	0.473%
4	4.298	172	176	179	rVV2	37328	89851	2.06%	0.185%
5	4.950	231	233	235	rVV	99219	134282	3.08%	0.276%
6	4.996	235	237	241	rVV	422291	542273	12.42%	1.116%
7	5.064	241	243	247	rVV3	41050	92621	2.12%	0.191%
8	5.133	247	249	255	rVB2	65887	87032	1.99%	0.179%
9	5.281	260	262	265	rVB	269693	292102	6.69%	0.601%
10	5.396	270	272	273	rVV	1102914	1227531	28.12%	2.526%
11	5.418	273	274	277	rVB	1174318	1595449	36.55%	3.284%
12	5.658	293	295	298	rBV	500123	478653	10.97%	0.985%
13	5.990	321	324	326	rBV	74898	88891	2.04%	0.183%
14	6.161	335	339	342	rVV5	38502	109469	2.51%	0.225%
15	6.253	345	347	349	rVV3	56139	77525	1.78%	0.160%
16	6.287	349	350	352	rVB	92331	65372	1.50%	0.135%
17	6.356	352	356	357	rBV2	325540	459688	10.53%	0.946%
18	6.390	357	359	361	rVB	179592	215184	4.93%	0.443%
19	6.436	361	363	364	rBV	221535	421112	9.65%	0.867%
20	6.459	364	365	368	rVB2	859949	758488	17.38%	1.561%
21	6.516	368	370	372	rBV	407870	361764	8.29%	0.745%
22	6.596	374	377	380	rBV	2095163	1982966	45.43%	4.081%
23	6.653	380	382	385	rVB	733858	767500	17.58%	1.580%
24	6.790	389	394	395	rBV2	24181	71769	1.64%	0.148%
25	6.836	395	398	399	rBV	736291	990540	22.69%	2.039%
26	6.893	399	403	404	rVV	498068	708106	16.22%	1.457%
27	6.916	404	405	408	rVB	159789	213365	4.89%	0.439%
28	6.984	408	411	414	rBV	1986222	2336602	53.53%	4.809%
29	7.087	418	420	421	rBV	99243	93605	2.14%	0.193%
30	7.110	421	422	424	rVB	158786	131380	3.01%	0.270%
31	7.156	424	426	431	rBV2	490670	713789	16.35%	1.469%
32	7.236	431	433	436	rBV	268290	397119	9.10%	0.817%
33	7.304	436	439	440	rVV2	87556	138331	3.17%	0.285%
34	7.396	442	447	450	rBV3	2002832	2703254	61.93%	5.564%

LSC Area Percent Report

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Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.487	452	455	456	rBV3	49305	71649	1.64%	0.147%
36	7.521	456	458	459	rBV	154801	162895	3.73%	0.335%
37	7.579	459	463	464	rVV	136272	208301	4.77%	0.429%
38	7.601	464	465	466	rVV	147357	162989	3.73%	0.335%
39	7.636	466	468	469	rVV	230660	229413	5.26%	0.472%
40	7.681	471	472	474	rVB2	62023	65561	1.50%	0.135%
41	7.773	474	480	484	rBV4	122243	492768	11.29%	1.014%
42	7.853	484	487	489	rVV2	363797	513945	11.77%	1.058%
43	7.956	493	496	497	rVV3	125215	263995	6.05%	0.543%
44	7.990	497	499	500	rVB2	240359	268535	6.15%	0.553%
45	8.024	500	502	504	rBV2	53831	71447	1.64%	0.147%
46	8.082	504	507	508	rBV	306116	340782	7.81%	0.701%
47	8.116	508	510	513	rVV2	1568711	1910659	43.77%	3.932%
48	8.184	513	516	520	rVB5	100376	238075	5.45%	0.490%
49	8.276	522	524	526	rBV3	52109	86935	1.99%	0.179%
50	8.367	529	532	535	rBV4	62888	168264	3.85%	0.346%
51	8.482	540	542	545	rBV4	126103	291920	6.69%	0.601%
52	8.550	545	548	549	rBV	229763	241996	5.54%	0.498%
53	8.584	549	551	553	rVB3	90705	132977	3.05%	0.274%
54	8.630	553	555	557	rVB2	92227	110355	2.53%	0.227%
55	8.710	559	562	564	rVB2	355865	569059	13.04%	1.171%
56	8.779	564	568	569	rBV3	87245	153934	3.53%	0.317%
57	8.824	569	572	574	rBV2	181091	229997	5.27%	0.473%
58	8.893	576	578	579	rBV	153011	184385	4.22%	0.379%
59	8.927	579	581	582	rVB	248240	244504	5.60%	0.503%
60	8.962	582	584	590	rVB3	218736	371430	8.51%	0.764%
61	9.042	590	591	593	rBV2	61900	98829	2.26%	0.203%
62	9.110	596	597	599	rBV2	80719	115581	2.65%	0.238%
63	9.145	599	600	601	rVB	95850	65753	1.51%	0.135%
64	9.190	601	604	606	rVB	2911366	3700477	84.77%	7.616%
65	9.282	606	612	614	rBV2	613645	890721	20.41%	1.833%
66	9.350	617	618	620	rBV2	79183	64972	1.49%	0.134%
67	9.453	623	627	629	rBV3	226380	451344	10.34%	0.929%
68	9.590	637	639	646	rVB3	224920	555770	12.73%	1.144%
69	9.682	646	647	649	rVV2	134453	149869	3.43%	0.308%
70	9.807	656	658	660	rVB	402134	357852	8.20%	0.736%
71	9.865	660	663	665	rBV	1530487	1607157	36.82%	3.308%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

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-BF112916.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.945	665	670	674	rVB7	45546	183417	4.20%	0.377%
73	10.025	676	677	680	rBV2	76358	101053	2.32%	0.208%
74	10.082	680	682	683	rVB2	49146	63331	1.45%	0.130%
75	10.139	683	687	688	rVB3	34403	73752	1.69%	0.152%
76	10.310	698	702	703	rBV2	85939	141050	3.23%	0.290%
77	10.390	707	709	712	rVB3	53791	88645	2.03%	0.182%
78	10.470	712	716	719	rVB4	31832	63850	1.46%	0.131%
79	10.653	729	732	735	rVB	2335429	2246591	51.47%	4.624%
80	10.779	742	743	746	rVB2	164105	199479	4.57%	0.411%
81	11.019	762	764	766	rVB2	62097	78145	1.79%	0.161%
82	11.225	780	782	784	rBV	203625	194304	4.45%	0.400%
83	11.350	790	793	795	rBV	1961299	1833972	42.01%	3.774%
84	11.648	817	819	824	rVB	92560	100860	2.31%	0.208%
85	11.808	831	833	835	rBV	64941	72841	1.67%	0.150%
86	11.888	837	840	842	rBV	593241	621851	14.25%	1.280%
87	12.059	852	855	857	rVB	46669	62642	1.44%	0.129%
88	12.585	899	901	906	rVB3	51685	107764	2.47%	0.222%
89	12.665	906	908	911	rBV	272324	309565	7.09%	0.637%
90	12.939	929	932	934	rBV	4248344	4365121	100.00%	8.984%
91	13.145	948	950	955	rBV5	25106	69938	1.60%	0.144%
92	13.831	1008	1010	1014	rVV	206341	213156	4.88%	0.439%
93	13.979	1020	1023	1025	rBV	1384743	1321316	30.27%	2.719%
94	14.436	1060	1063	1064	rBV	77214	103799	2.38%	0.214%
95	14.619	1077	1079	1081	rBV	69896	72668	1.66%	0.150%
96	14.722	1086	1088	1092	rBV2	46413	89610	2.05%	0.184%
97	14.836	1096	1098	1101	rVB2	101954	156775	3.59%	0.323%
98	15.077	1117	1119	1124	rVB4	26447	65224	1.49%	0.134%
99	15.397	1144	1147	1150	rBV	750622	917254	21.01%	1.888%
100	15.454	1150	1152	1163	rVB6	31891	93652	2.15%	0.193%

Sum of corrected areas: 48588801

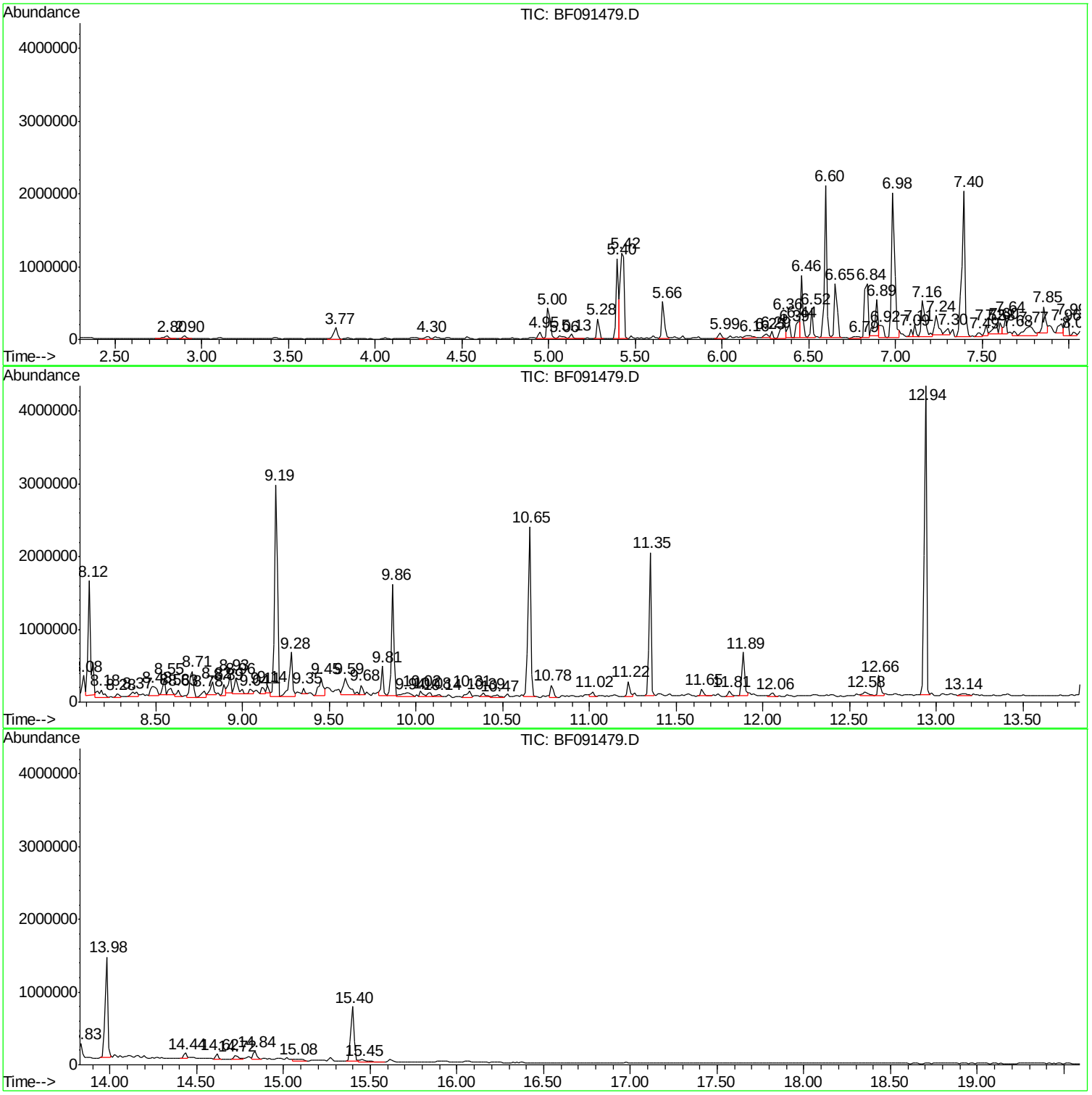
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

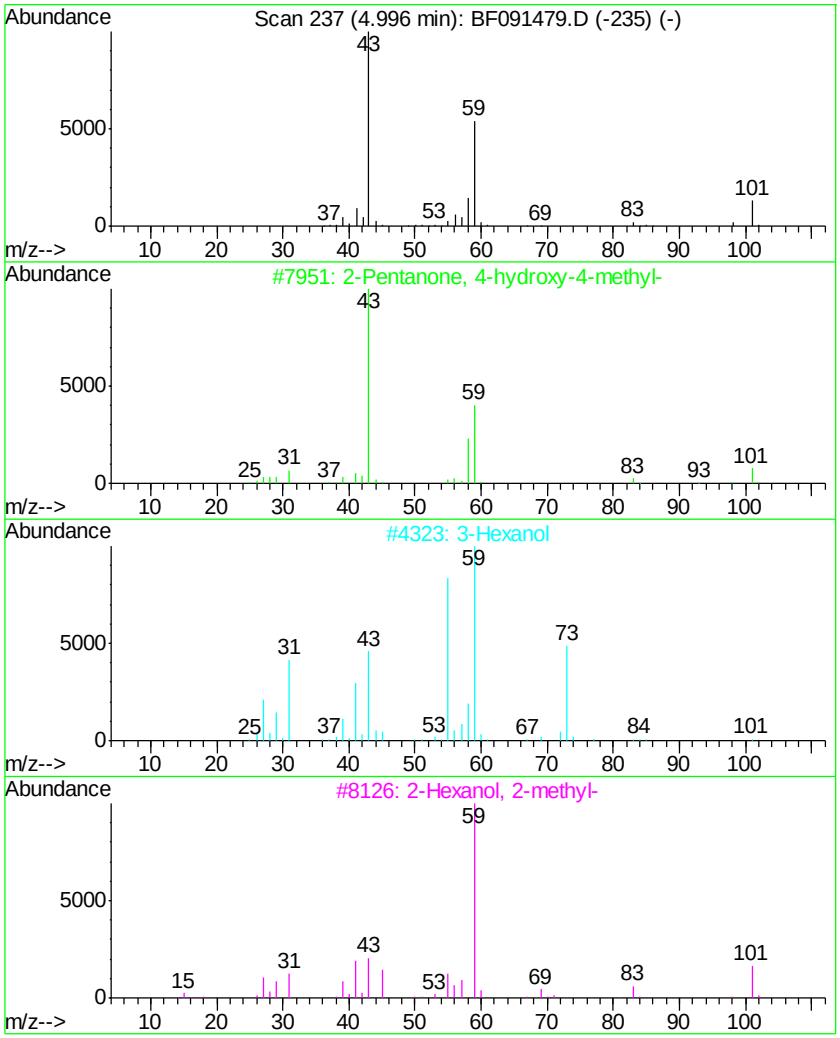
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

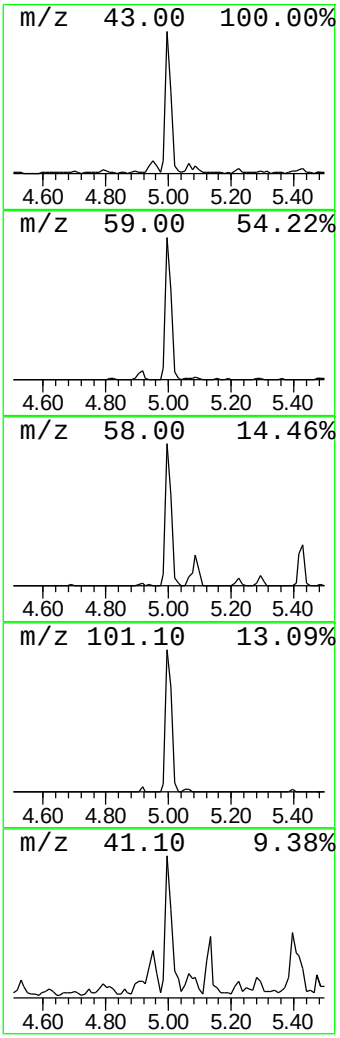
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	10.95 ng	542273	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

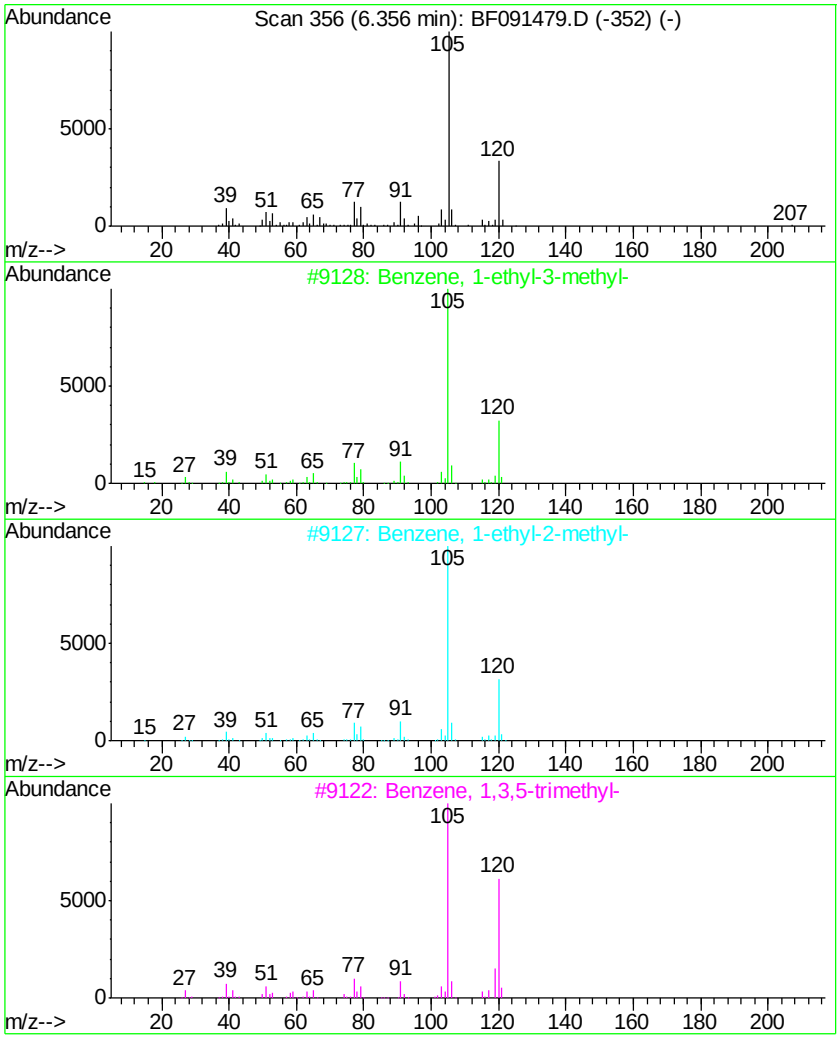
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

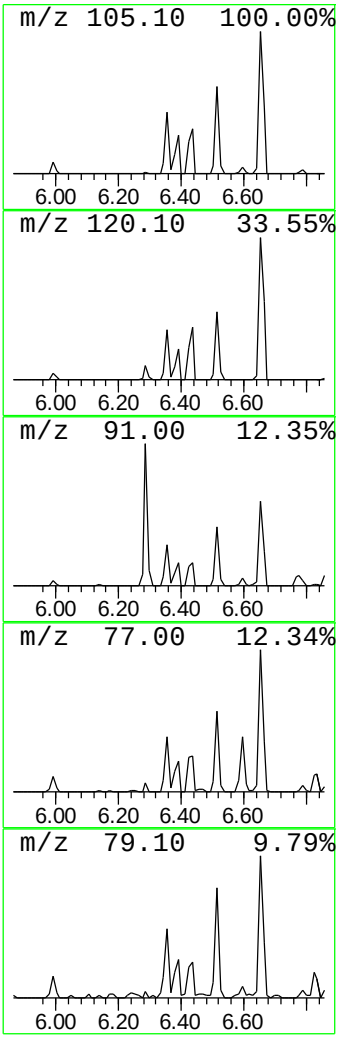
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	9.28 ng	459688	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

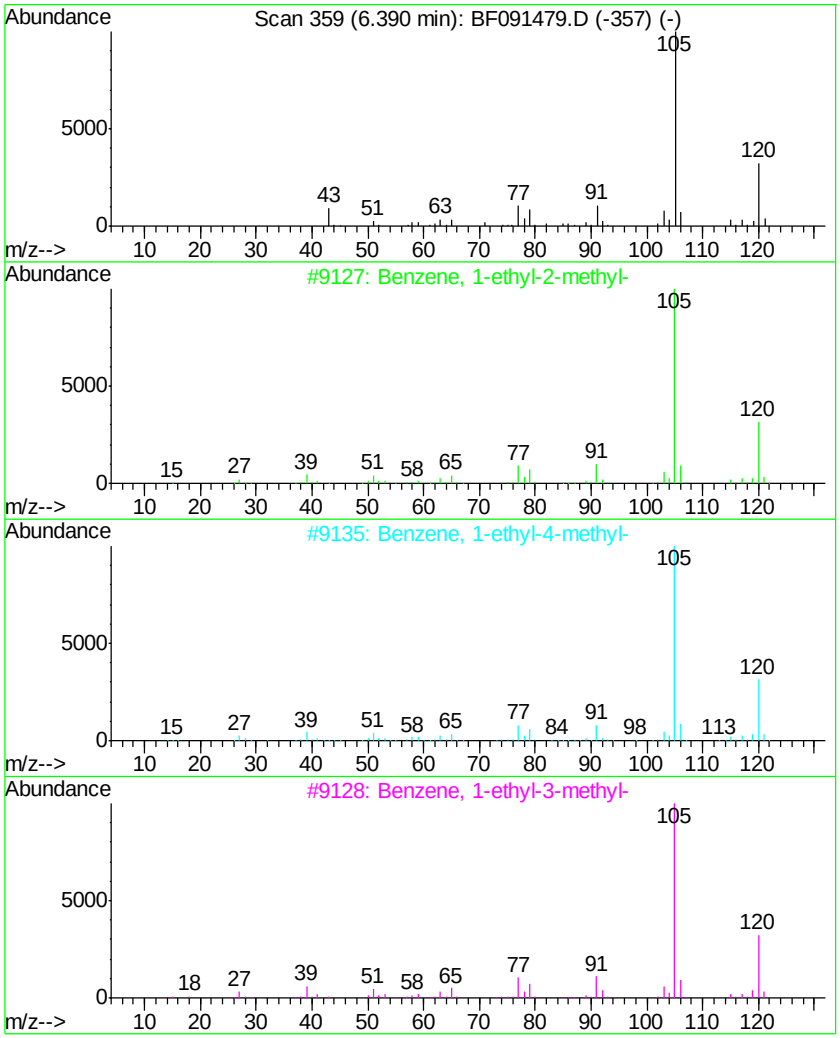
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

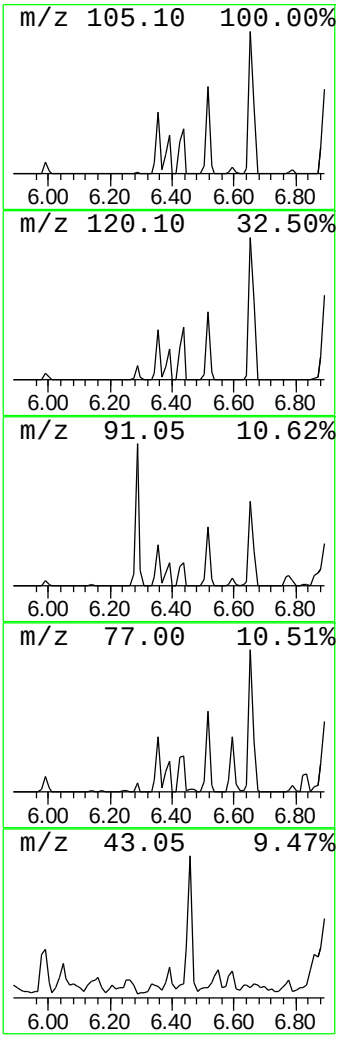
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	4.34 ng	215184	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

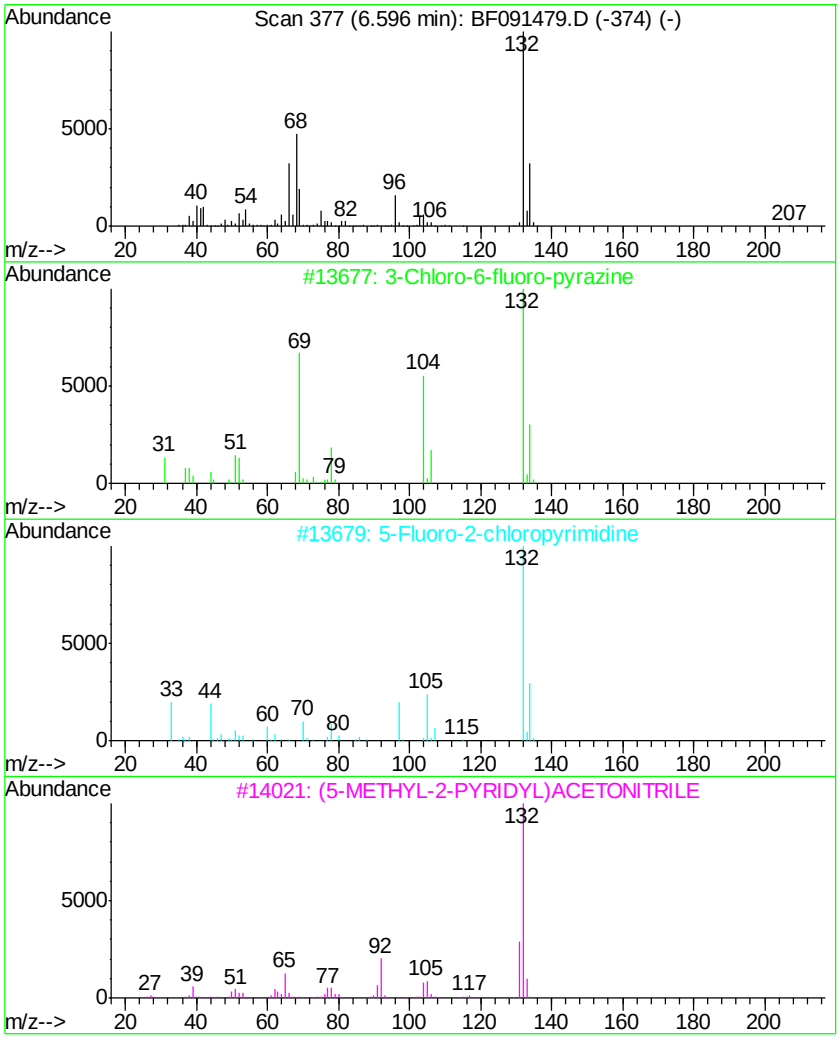
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

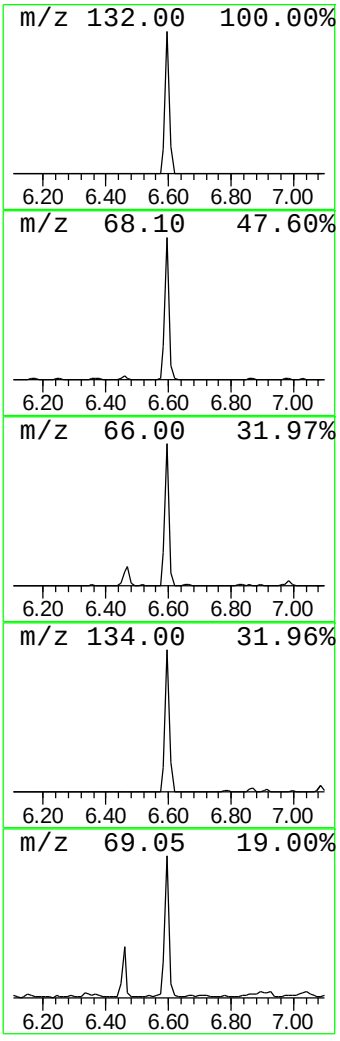
****

Peak Number 7 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	40.04 ng	1982970	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

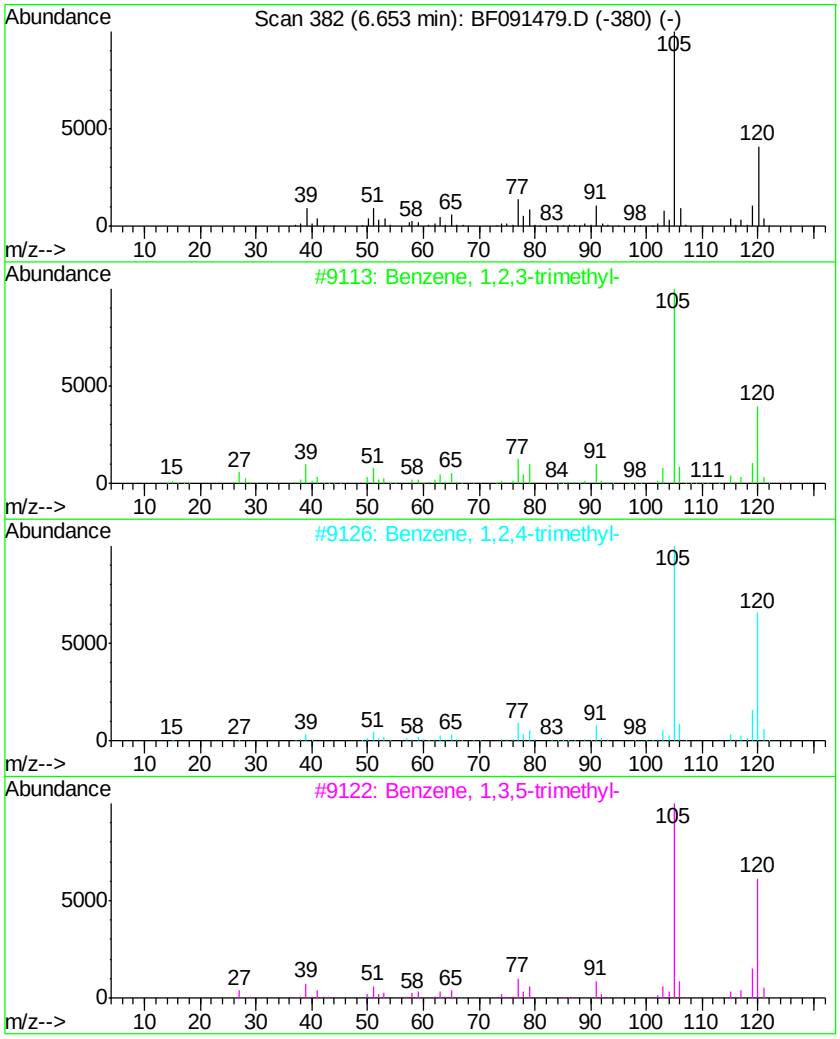
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

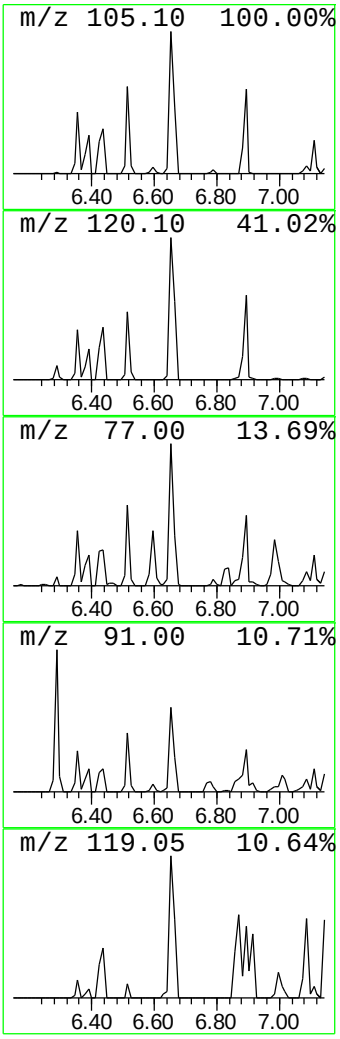
****

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	15.50 ng	767500	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

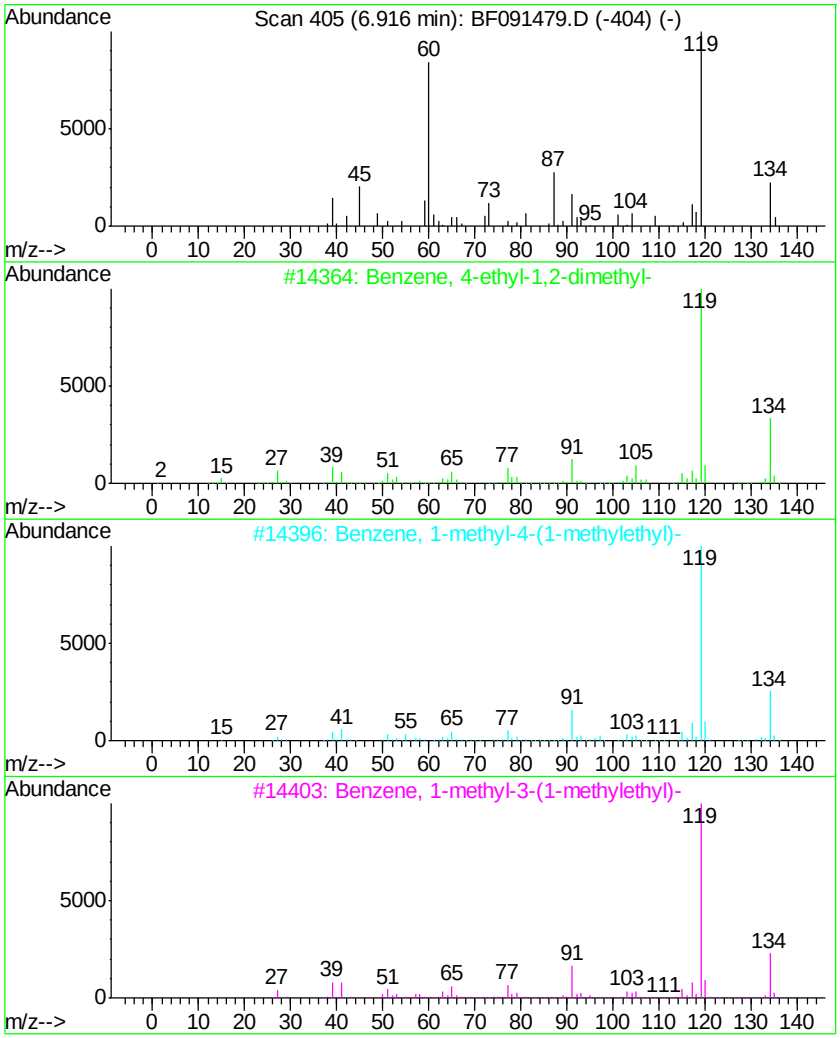
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

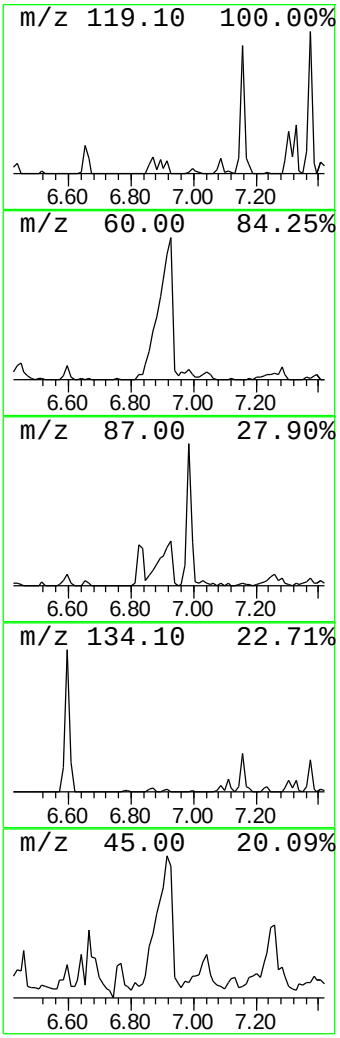
****

Peak Number 10 unknown6.92 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	4.31 ng	213365	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	38
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	35





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Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

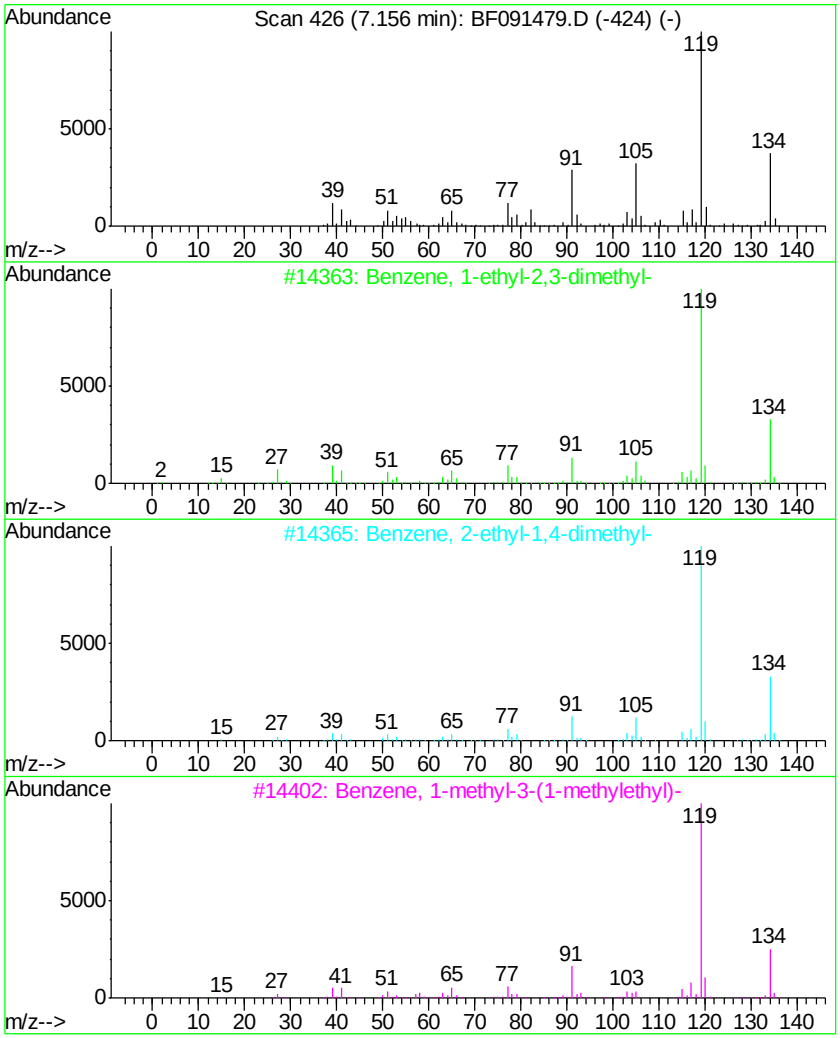
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

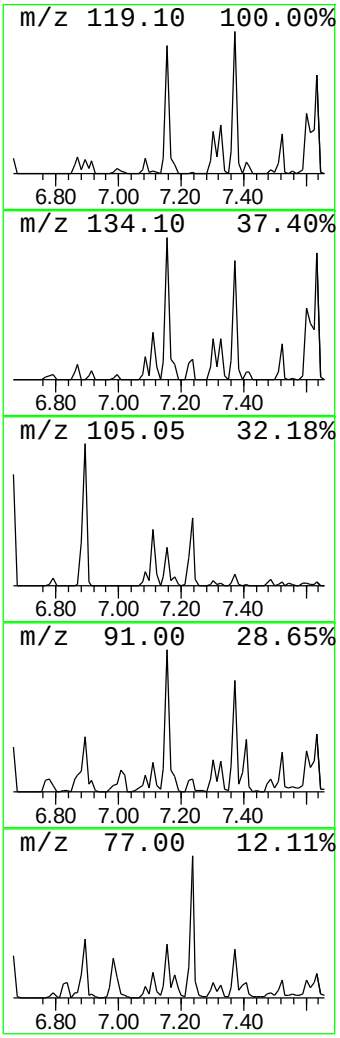
****

Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	14.41 ng	713789	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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Sample : H5885-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

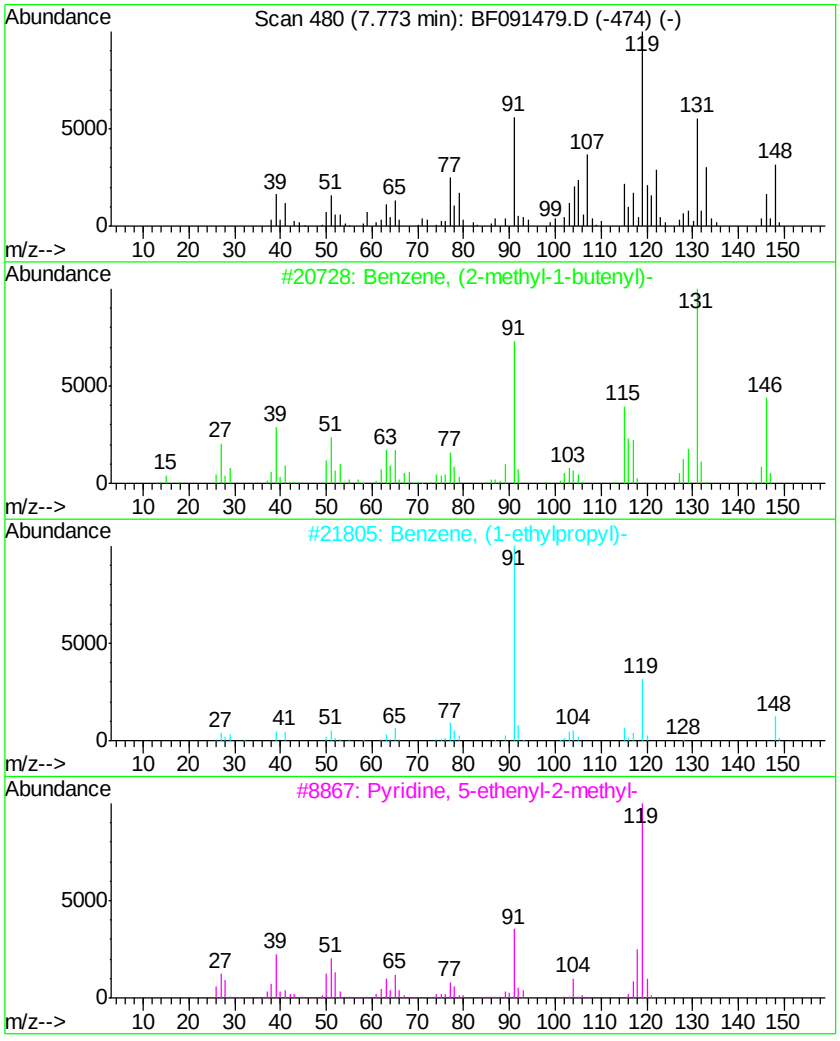
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

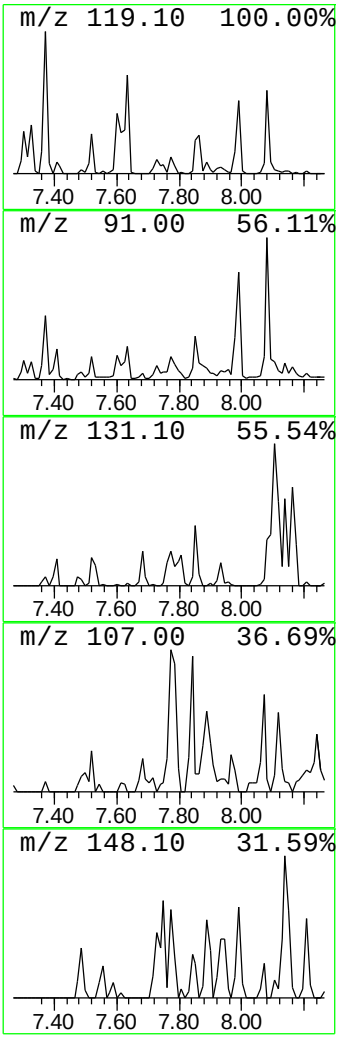
****

Peak Number 13 Benzene, (2-methyl-1-butenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	5.16 ng	492768	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	56
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	38
3	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	25
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	25
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	25





Library Search Compound Report

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Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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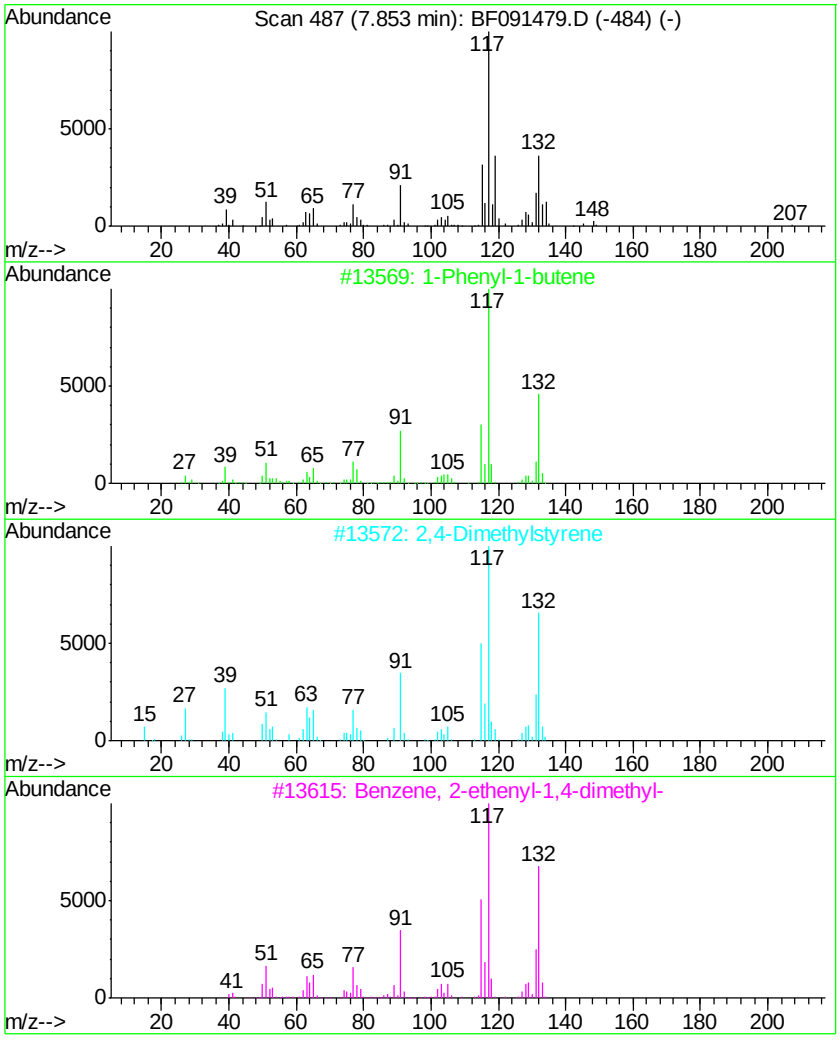
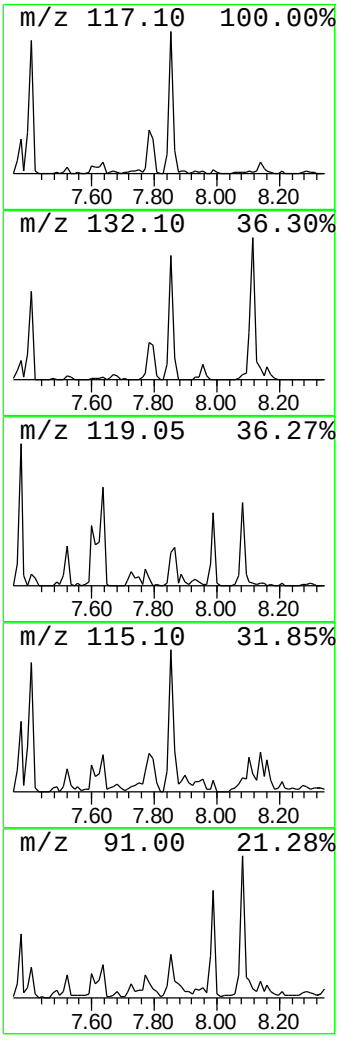
Peak Number 14 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.38 ng	513945	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	81
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





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Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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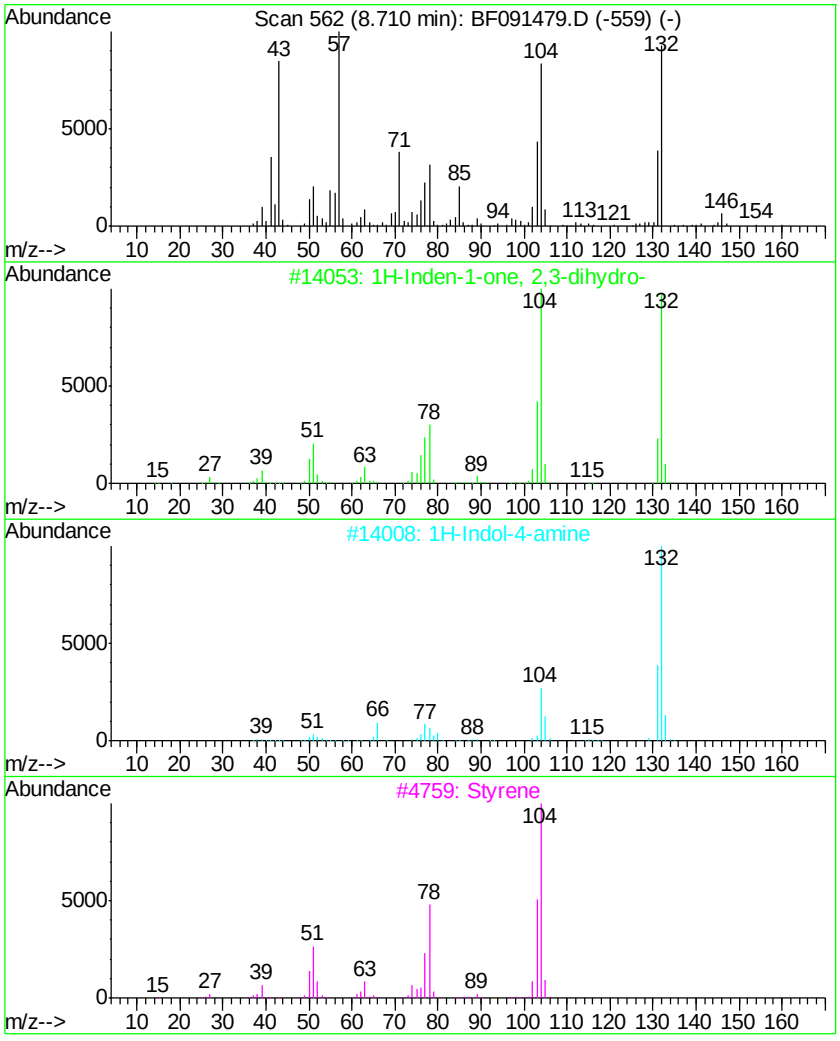
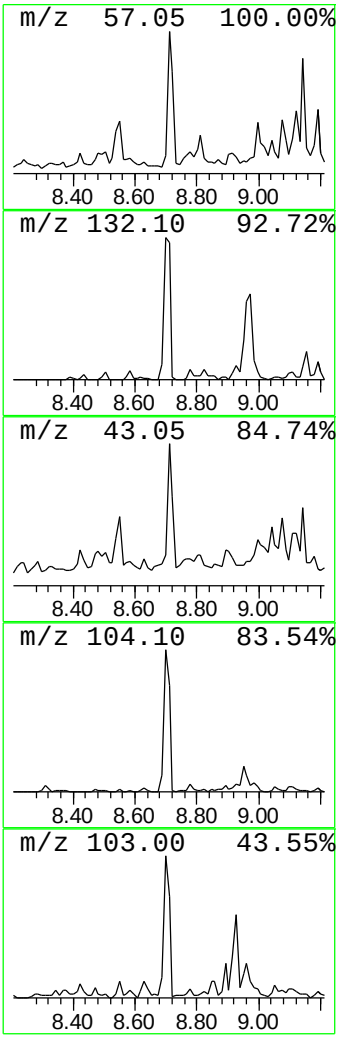
Peak Number 15 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	5.96 ng	569059	Naphthalene-d8	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	1H-Indol-4-amine	132	C8H8N2	005192-23-4	58
3	Styrene	104	C8H8	000100-42-5	46
4	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	46
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	43





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Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

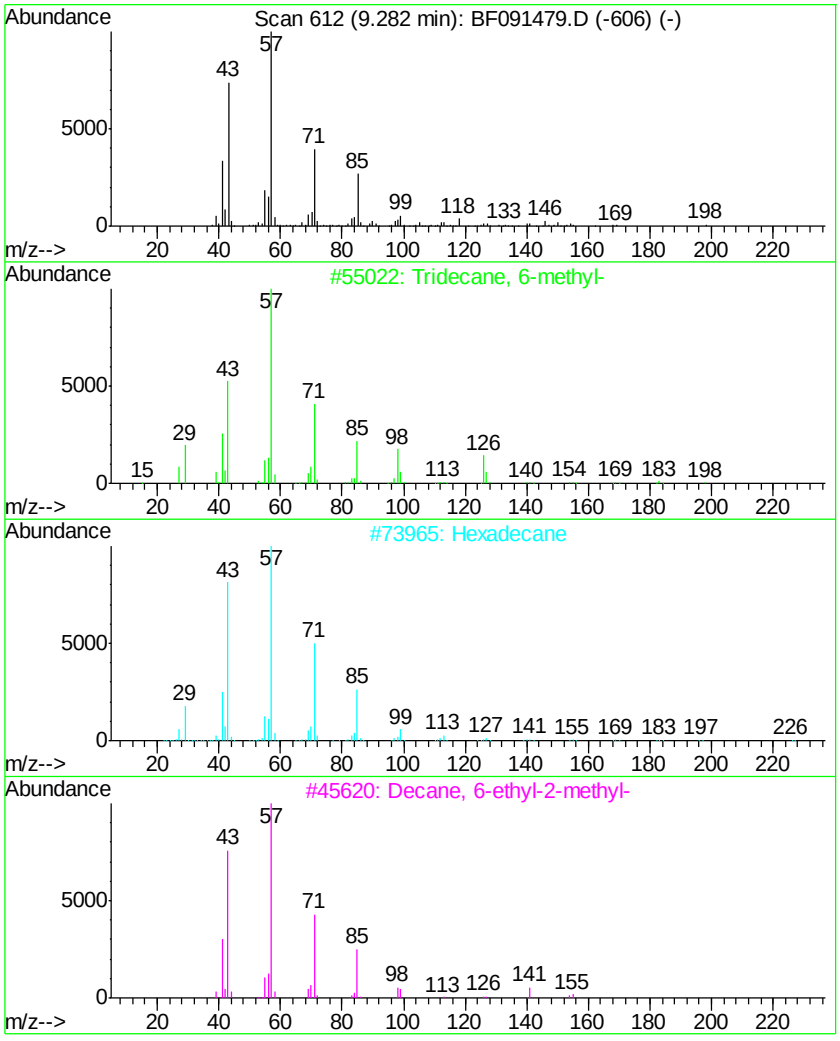
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

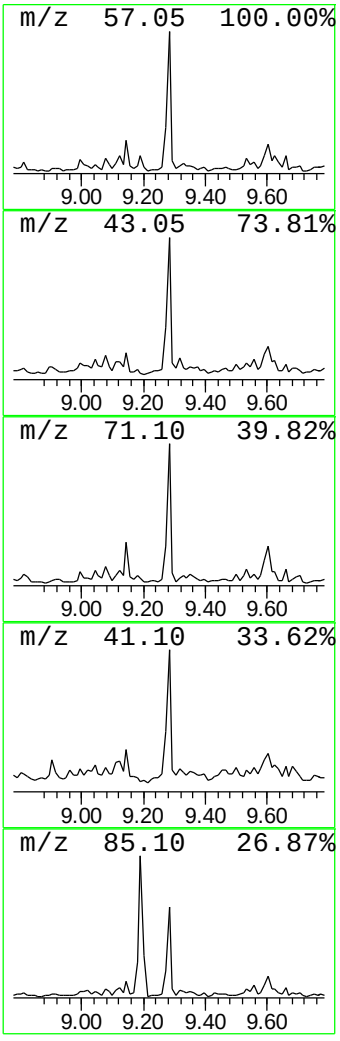
****

Peak Number 16 Tridecane, 6-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	11.08 ng	890721	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
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Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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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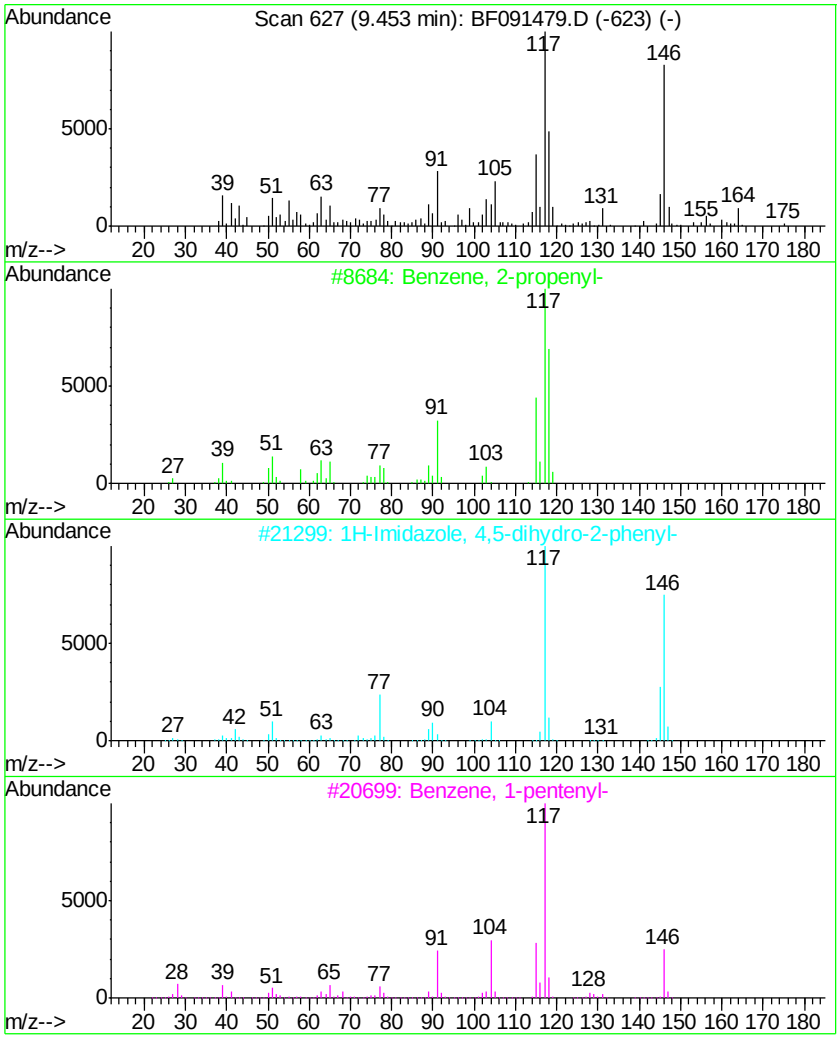
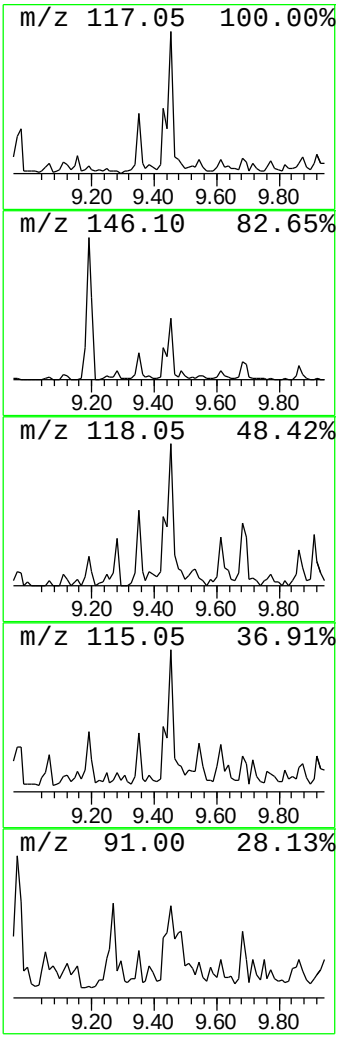
Peak Number 17 Benzene, 2-propenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	5.62 ng	451344	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
2	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	58
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	53
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	51
5	Indane	118	C9H10	000496-11-7	50





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

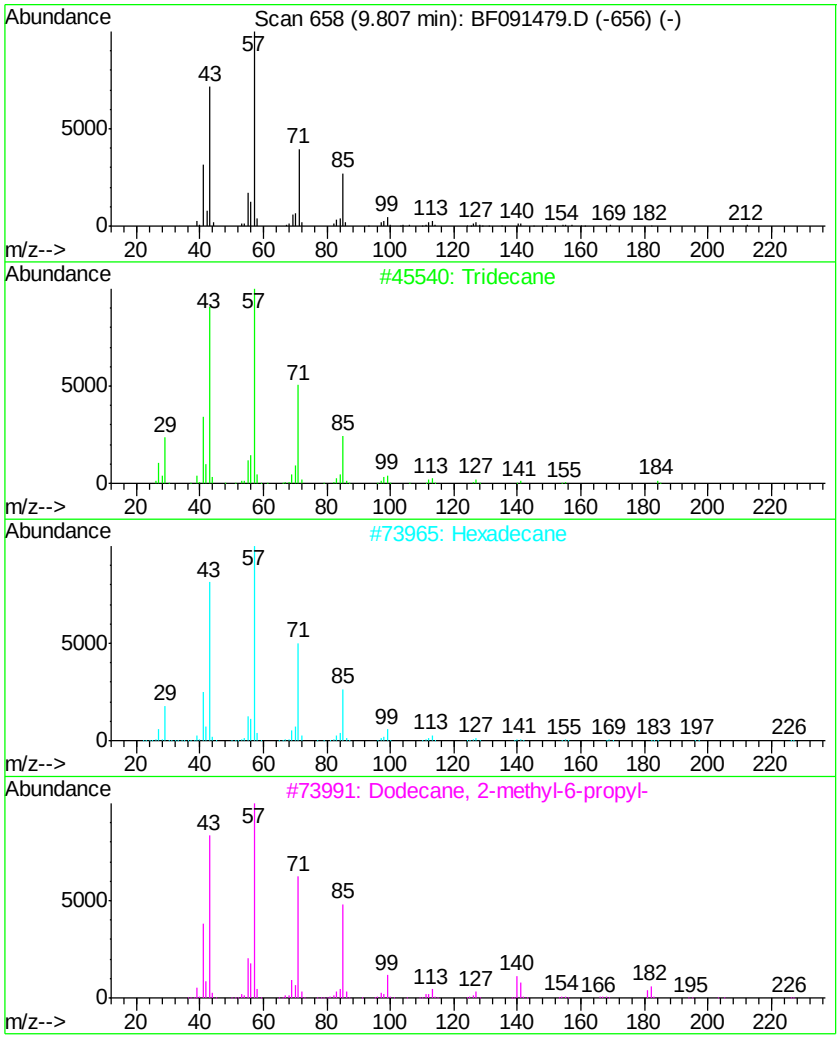
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

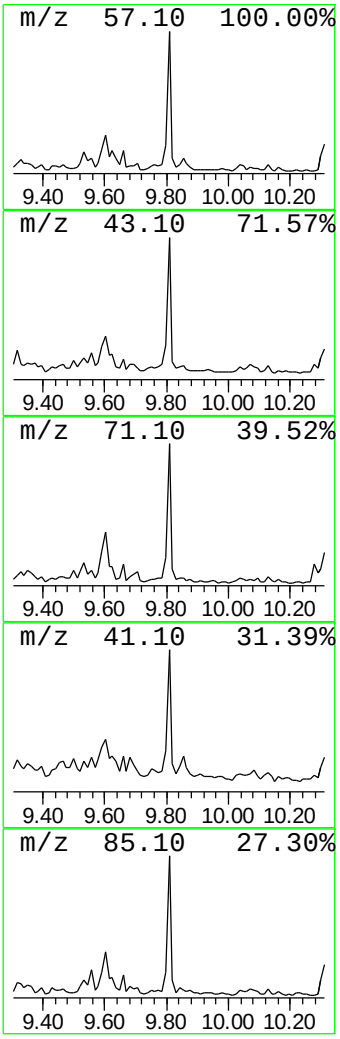
****

Peak Number 18 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.81	4.45 ng	357852	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Library Search Compound Report

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Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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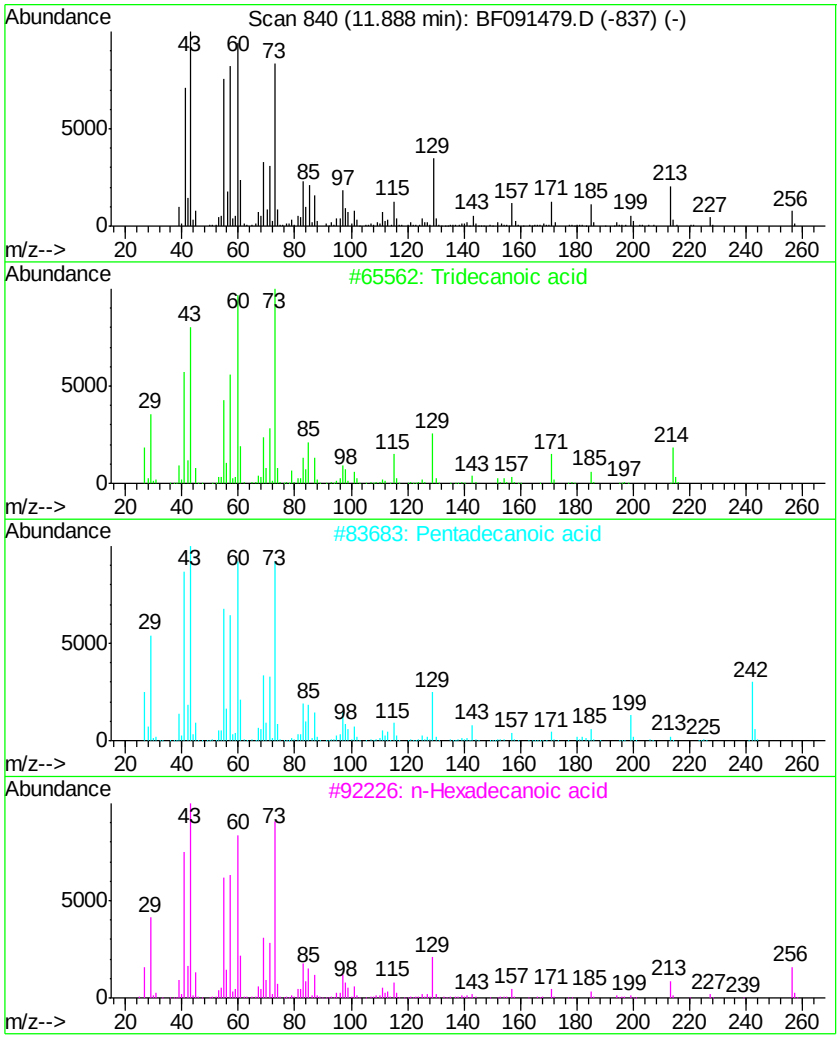
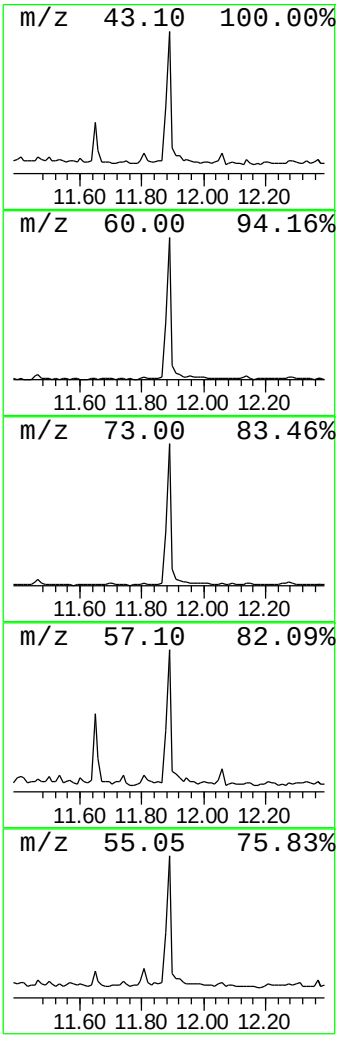
Peak Number 19 Tridecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.78 ng	621851	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





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Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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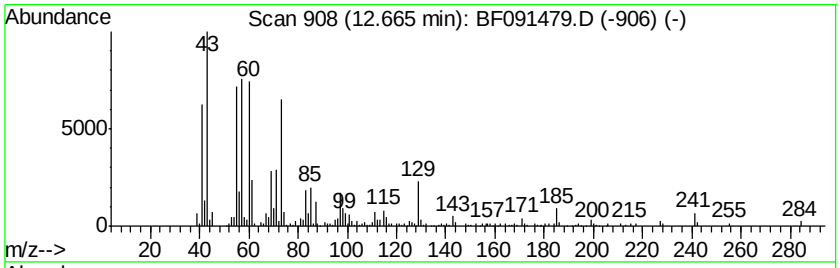
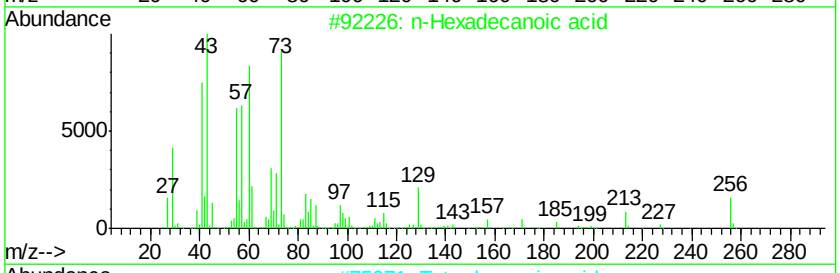
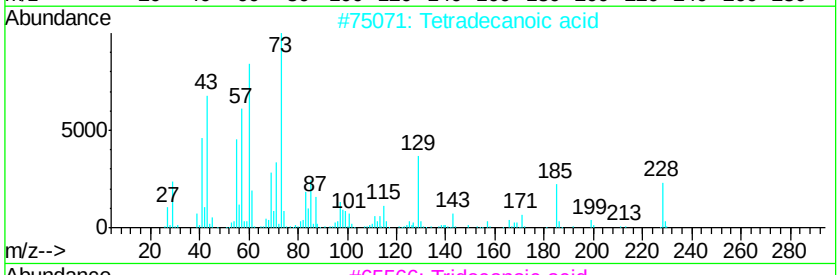
Peak Number 20 n-Hexadecanoic acid Concentration Rank 16

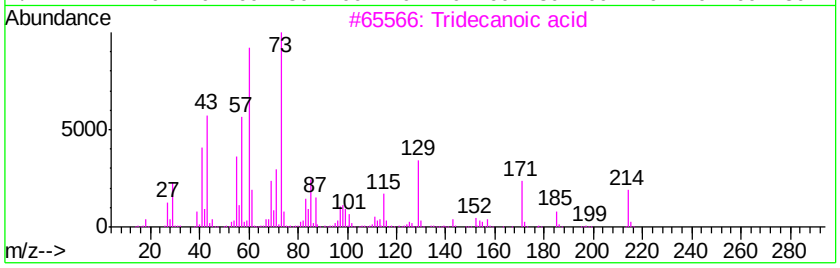
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.69 ng	309565	Chrysene-d12	13.98

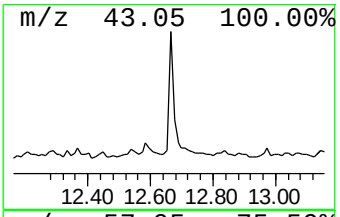
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	72

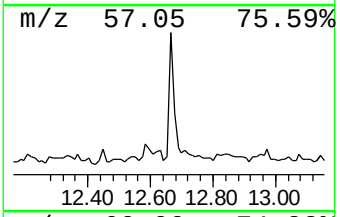


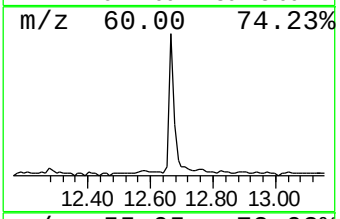


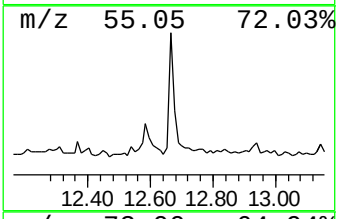


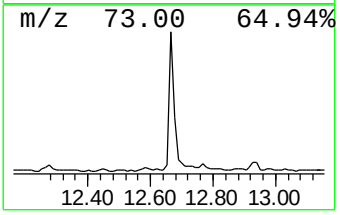












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120716\
Data File : BF091479.D
Acq On : 7 Dec 2016 19:47
Operator : UM/SJ
Sample : H5885-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2A-120516

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.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...	5.00	10.9	ng	542273	1	6.84	990540	20.0
Benzene, 1-ethyl-...	6.36	9.3	ng	459688	1	6.84	990540	20.0
Benzene, 1-ethyl-...	6.39	4.3	ng	215184	1	6.84	990540	20.0
unknown6.60	6.60	40.0	ng	1982970	1	6.84	990540	20.0
Benzene, 1,2,3-tr...	6.65	15.5	ng	767500	1	6.84	990540	20.0
unknown6.92	6.92	4.3	ng	213365	1	6.84	990540	20.0
Benzene, 1-ethyl-...	7.16	14.4	ng	713789	1	6.84	990540	20.0
Benzene, (2-methy...	7.77	5.2	ng	492768	2	8.12	1910660	20.0
1-Phenyl-1-butene	7.85	5.4	ng	513945	2	8.12	1910660	20.0
1H-Inden-1-one, 2...	8.71	6.0	ng	569059	2	8.12	1910660	20.0
Tridecane, 6-methyl-	9.28	11.1	ng	890721	3	9.86	1607160	20.0
Benzene, 2-propenyl-	9.45	5.6	ng	451344	3	9.86	1607160	20.0
Tridecane	9.81	4.5	ng	357852	3	9.86	1607160	20.0
Tridecanoic acid	11.89	6.8	ng	621851	4	11.35	1833970	20.0
n-Hexadecanoic acid	12.66	4.7	ng	309565	5	13.98	1321320	20.0