LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF052316.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	2.055	38	41	49	rVB2	33523	88861	2.55%	0.219%
2	2.924	113	117	127	rVB	38398	102371	2.93%	0.253%
3	3.861	192	199	205	rVB3	30333	115090	3.30%	0.284%
4	4.261	227	234	236	rBV	30393	75643	2.17%	0.187%
5	4.490	249	254	258	rVB2	46334	92650	2.66%	0.229%
6	4.684	269	271	287	rVV	171468	633950	18.17%	1.565%
7	5.050	301	303	310	rBV	43458	128270	3.68%	0.317%
8	5.153	310	312	317	rVB2	44378	108981	3.12%	0.269%
9	5.233	317	319	325	rBV4	23119	78269	2.24%	0.193%
10	5.393	331	333	344	rBV	248566	913996	26.20%	2.256%
11	5.553	345	347	350	rVV2	38503	84618	2.43%	0.209%
12	5.999	382	386	389	rBV2	32789	78781	2.26%	0.194%
13	6.056	389	391	395	rVB2	46154	73130	2.10%	0.181%
14	6.136	395	398	400	rBV	38111	74757	2.14%	0.185%
15	6.422	420	423	427	rBV2	50400	120186	3.44%	0.297%
16	6.650	438	443	448	rVB3	31615	97626	2.80%	0.241%
17	6.753	448	452	457	rVB2	66751	188562	5.40%	0.465%
18	6.833	457	459	461	rBV	123007	182097	5.22%	0.449%
19	6.879	461	463	467	rVB	73776	120061	3.44%	0.296%
20	6.947	467	469	475	rBV	234125	360498	10.33%	0.890%
21	7.039	475	477	481	rBV	217964	503361	14.43%	1.243%
22	7.107	481	483	486	rVV	1081133	2092538	59.98%	5.165%
23	7.165	486	488	493	rVB	431606	698548	20.02%	1.724%
24	7.370	503	506	509	rVB3	36851	77316	2.22%	0.191%
25	7.450	511	513	516	rVV	377319	715128	20.50%	1.765%
26	7.507	516	518	519	rVV	103022	181636	5.21%	0.448%
27	7.530	519	520	523	rVV	232858	273006	7.82%	0.674%
28	7.576	523	524	528	rVB2	58333	76656	2.20%	0.189%
29	7.668	530	532	539	rVV2	1349790	2993039	85.79%	7.388%
30	7.759	539	540	543	rVV2	53650	113357	3.25%	0.280%
31	7.862	547	549	553	rVV	217915	339602	9.73%	0.838%
32	7.988	557	560	564	rBV2	141023	426516	12.22%	1.053%
33	8.090	567	569	572	rVB	65408	86748	2.49%	0.214%
34	8.205	577	579	581	rBV	120928	166135	4.76%	0.410%

LSC Area Percent Report

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Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

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-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.330	584	590	591	rVV2	589148	1262565	36.19%	3.117%
36	8.365	591	593	601	rVV	1147349	2160813	61.93%	5.334%
37	8.502	603	605	606	rVV	65275	112133	3.21%	0.277%
38	8.536	606	608	612	rVV2	99676	209276	6.00%	0.517%
39	8.696	619	622	623	rVV	221970	335991	9.63%	0.829%
40	8.730	623	625	629	rVV	227817	369238	10.58%	0.911%
41	8.936	641	643	644	rBV	80121	107308	3.08%	0.265%
42	8.970	644	646	652	rVB3	258587	438361	12.56%	1.082%
43	9.062	652	654	660	rBV2	460851	988093	28.32%	2.439%
44	9.165	660	663	666	rVV3	59175	126691	3.63%	0.313%
45	9.222	666	668	673	rVB4	78723	198661	5.69%	0.490%
46	9.325	674	677	681	rVB2	43145	74253	2.13%	0.183%
47	9.473	688	690	696	rVV	751993	1430062	40.99%	3.530%
48	9.565	696	698	701	rVV2	154242	317036	9.09%	0.783%
49	9.668	705	707	712	rVB2	30037	76493	2.19%	0.189%
50	9.953	729	732	734	rBV	51290	93836	2.69%	0.232%
51	10.022	734	738	742	rVV7	30499	97822	2.80%	0.241%
52	10.125	745	747	750	rVB	49545	73815	2.12%	0.182%
53	10.251	756	758	761	rBV2	54342	93637	2.68%	0.231%
54	10.319	761	764	767	rVB2	62564	132067	3.79%	0.326%
55	10.559	779	785	788	rBV6	52864	161220	4.62%	0.398%
56	10.662	792	794	797	rVV	68955	106393	3.05%	0.263%
57	10.799	803	806	808	rVV2	147567	251286	7.20%	0.620%
58	10.845	808	810	815	rVB2	91195	169946	4.87%	0.420%
59	11.165	836	838	842	rVB3	35682	78939	2.26%	0.195%
60	11.245	842	845	851	rBV	2539050	3488971	100.00%	8.612%
61	11.496	859	867	869	rBV4	67720	197261	5.65%	0.487%
62	11.679	881	883	886	rBV2	35718	88550	2.54%	0.219%
63	11.748	886	889	890	rVV2	48845	88993	2.55%	0.220%
64	11.782	890	892	895	rVV	60051	110750	3.17%	0.273%
65	11.839	895	897	899	rVV	60611	89133	2.55%	0.220%
66	11.954	905	907	916	rVB	203209	431579	12.37%	1.065%
67	12.102	916	920	929	rVB5	39659	165736	4.75%	0.409%
68	12.297	934	937	941	rBV	810080	1155359	33.11%	2.852%
69	12.548	957	959	965	rVB5	37328	89019	2.55%	0.220%
70	13.131	1008	1010	1014	rVB	53726	84293	2.42%	0.208%
71	13.485	1037	1041	1044	rBV4	62860	159548	4.57%	0.394%

LSC Area Percent Report

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Sample : H3222-12
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Instrument : BNA_F
ClientSampleId : MW-11

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.600	1049	1051	1059	rVV	1261011	2033706	58.29%	5.020%
73	13.897	1075	1077	1087	rVB2	64034	179929	5.16%	0.444%
74	14.491	1126	1129	1132	rVB	86967	154470	4.43%	0.381%
75	14.628	1138	1141	1143	rVB2	53861	108578	3.11%	0.268%
76	14.708	1146	1148	1158	rVB	642662	1132397	32.46%	2.795%
77	15.120	1182	1184	1190	rVB	39200	75709	2.17%	0.187%
78	15.223	1190	1193	1197	rVV3	81524	190814	5.47%	0.471%
79	15.303	1198	1200	1207	rVB2	60740	159395	4.57%	0.393%
80	15.703	1232	1235	1241	rBV2	180837	253542	7.27%	0.626%
81	16.800	1328	1331	1335	rBV2	89555	175252	5.02%	0.433%
82	16.903	1337	1340	1344	rVV	460120	549012	15.74%	1.355%
83	16.971	1344	1346	1347	rVV	64806	81798	2.34%	0.202%
84	17.006	1347	1349	1351	rVV	184729	189794	5.44%	0.468%
85	17.063	1351	1354	1363	rVB	2939624	3461572	99.21%	8.545%
86	17.440	1385	1387	1389	rVB	71520	80600	2.31%	0.199%
87	17.749	1411	1414	1418	rVB3	34144	73634	2.11%	0.182%
88	17.828	1418	1421	1423	rBV	314781	340819	9.77%	0.841%
89	17.886	1423	1426	1428	rBV3	140359	220308	6.31%	0.544%
90	18.137	1445	1448	1457	rVB4	22990	77665	2.23%	0.192%
91	18.309	1461	1463	1469	rVV	99166	164350	4.71%	0.406%
92	18.434	1472	1474	1490	rVB	453085	1127384	32.31%	2.783%
93	18.709	1495	1498	1500	rVB	64546	82943	2.38%	0.205%
94	19.452	1561	1563	1566	rVB	66809	84213	2.41%	0.208%
95	19.806	1592	1594	1597	rBV	65526	87058	2.50%	0.215%
96	20.114	1619	1621	1636	rBV	340529	954591	27.36%	2.356%
97	20.492	1651	1654	1658	rVB	51134	76487	2.19%	0.189%
98	20.880	1683	1688	1694	rVB3	44521	142616	4.09%	0.352%
99	21.680	1754	1758	1762	rBV3	35695	101913	2.92%	0.252%
100	24.149	1969	1974	1976	rBV2	26465	73824	2.12%	0.182%

Sum of corrected areas: 40511483

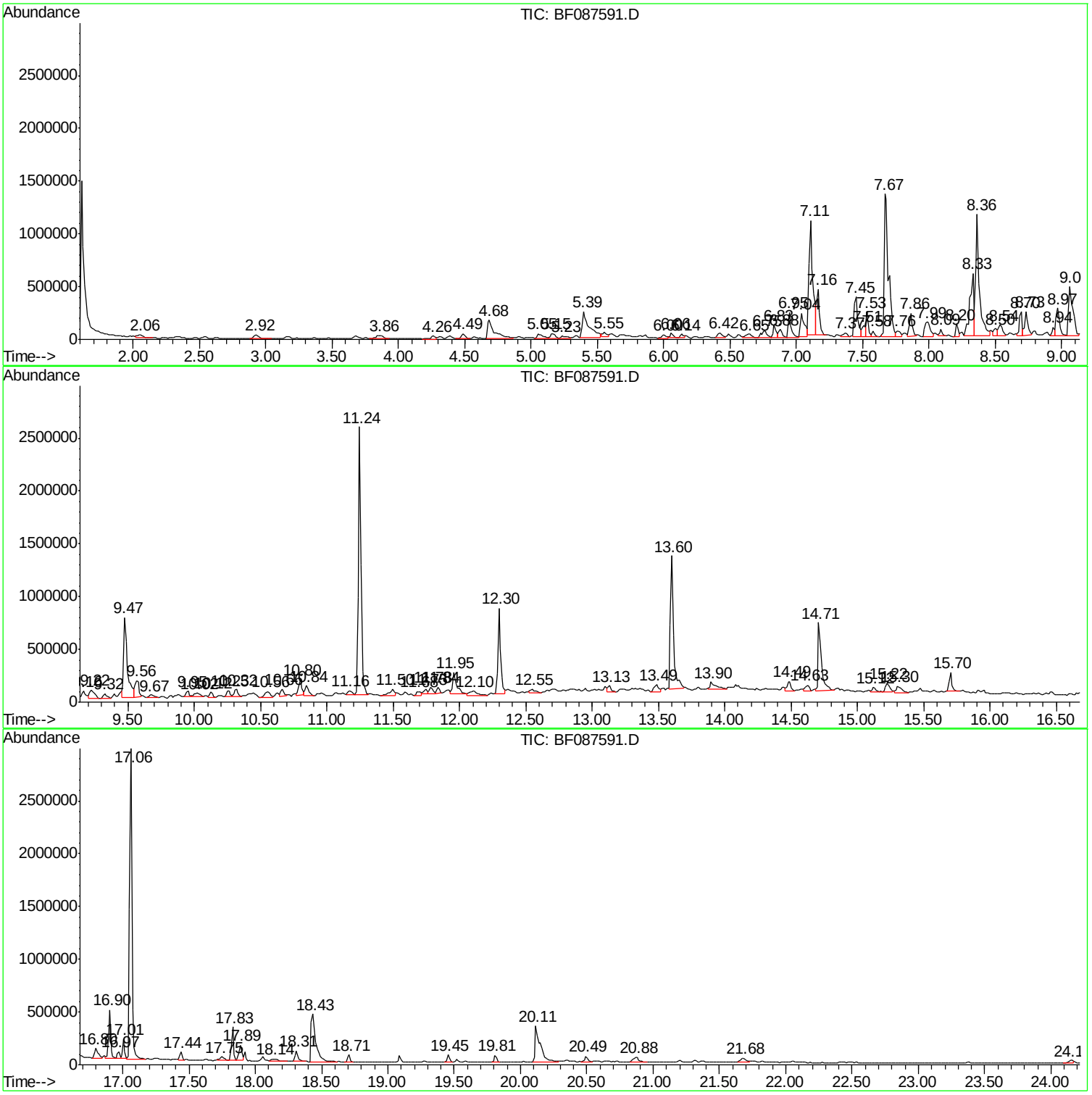
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
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Instrument : BNA_F
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TIC Library : C:\Database\NIST11.L
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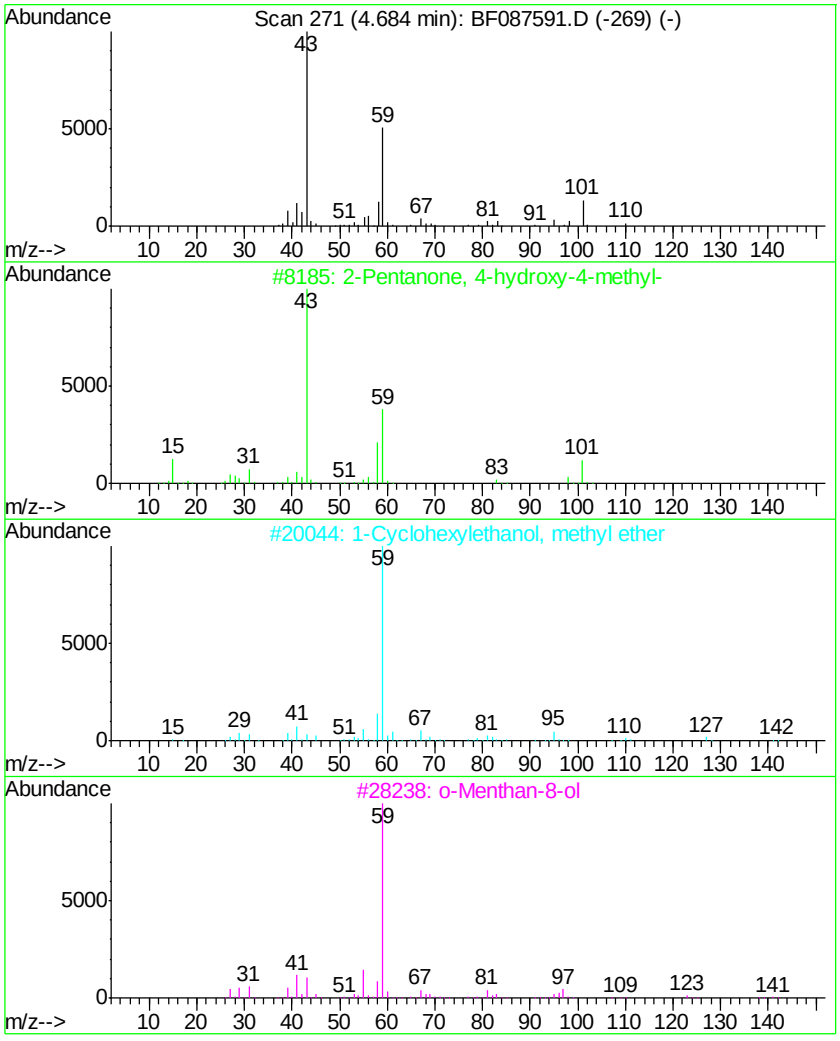
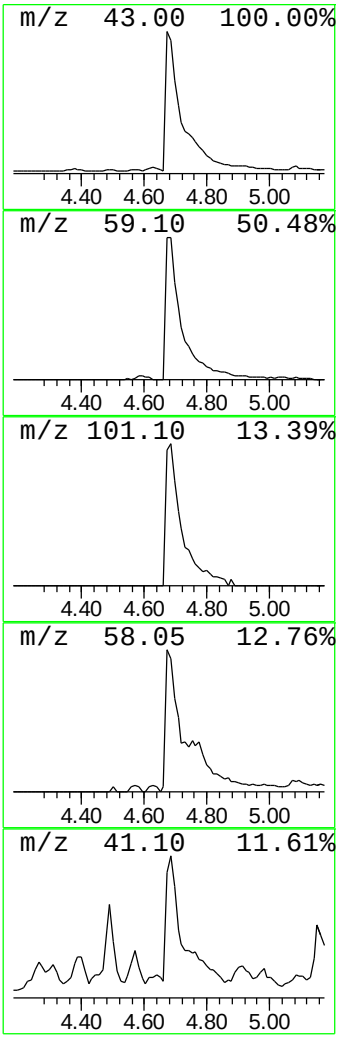
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	17.73 ng	633950	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Cyclohexylethanol, methyl ether	142	C9H18O	1000365-12-8	38
3	o-Menthan-8-ol	156	C10H20O	343855-44-7	32
4	3-Octanol	130	C8H18O	000589-98-0	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

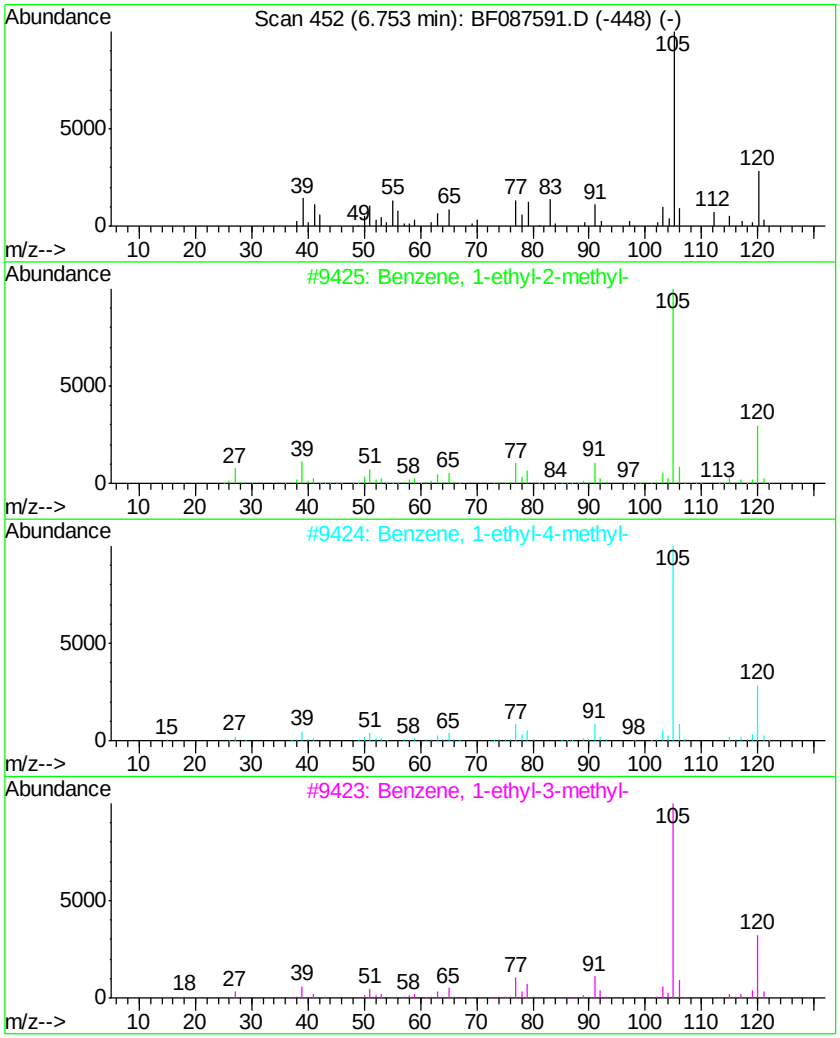
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

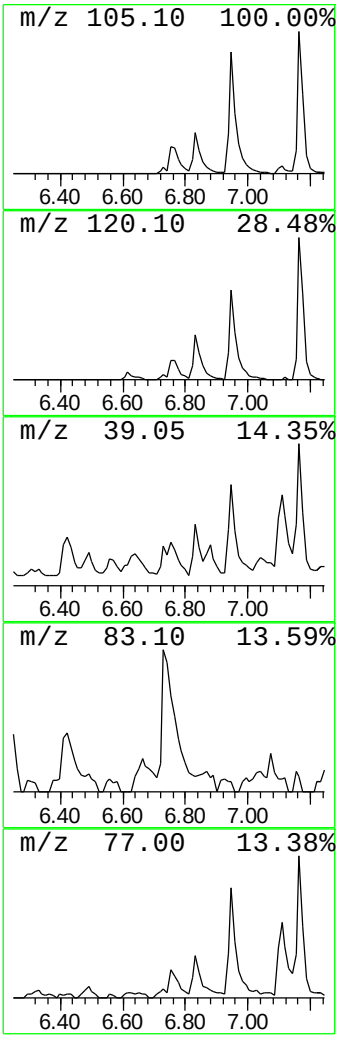
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	5.27 ng	188562	1,4-Dichlorobenzene-d4	7.45

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	87
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





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Sample : H3222-12
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

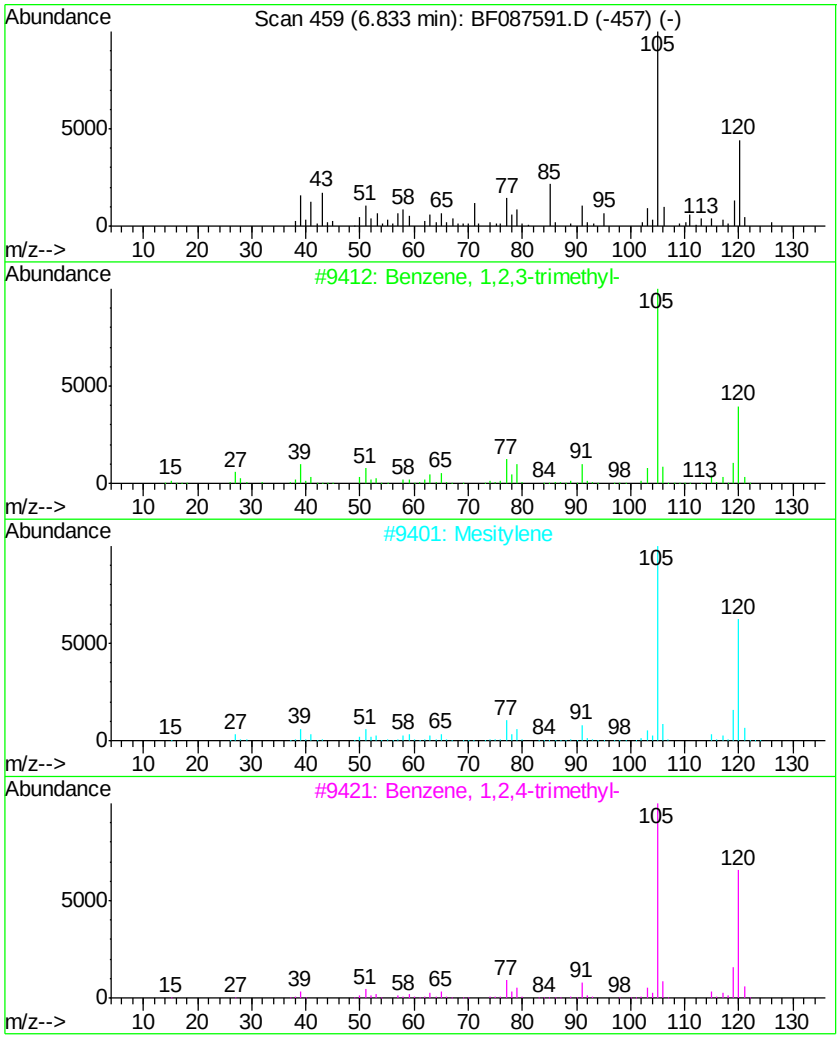
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

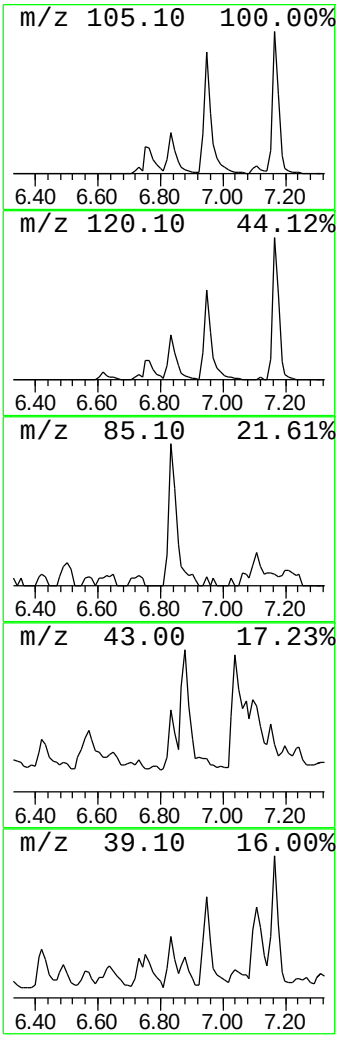
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	5.09 ng	182097	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
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Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

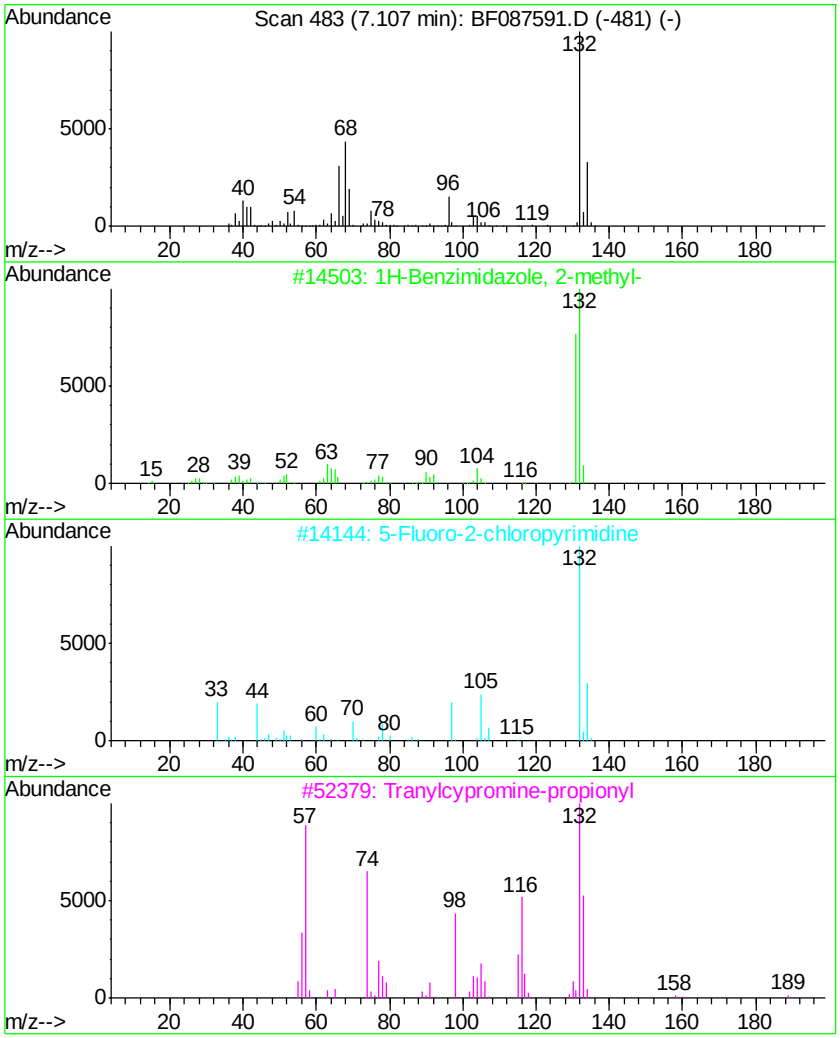
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

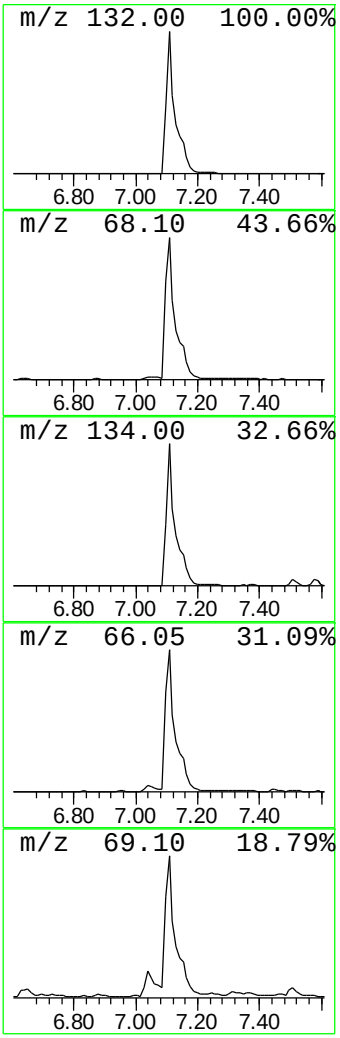
****

Peak Number 5 unknown7.11 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	58.52 ng	2092540	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

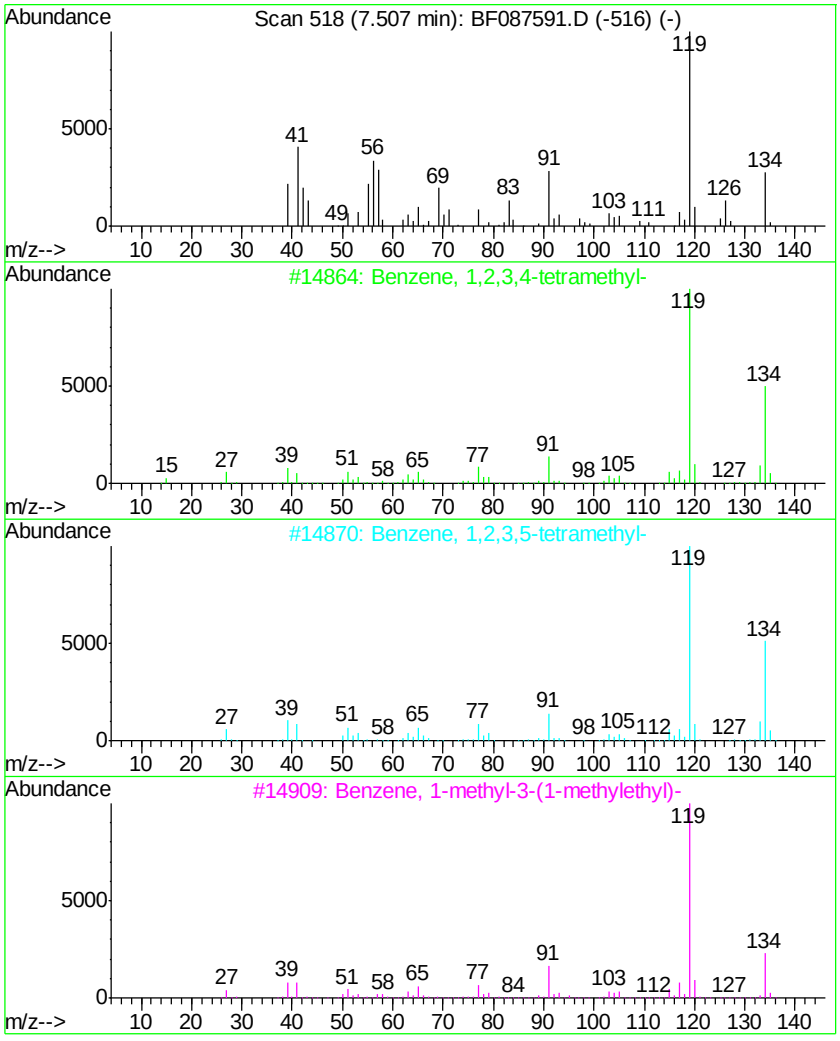
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

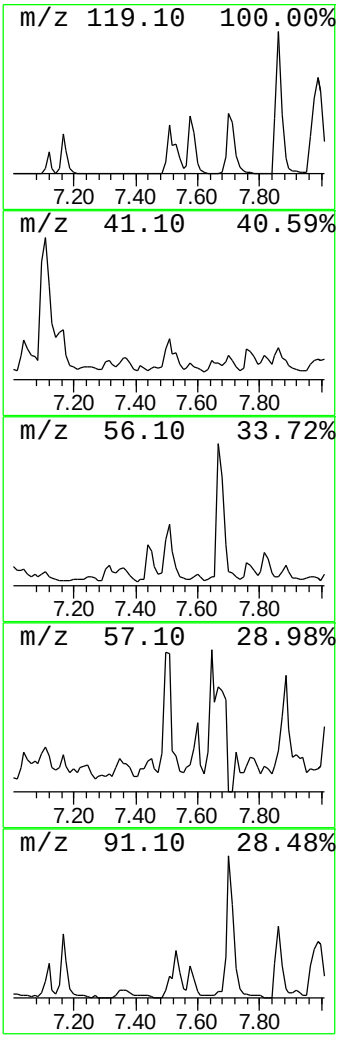
****

Peak Number 7 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	5.08 ng	181636	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	62
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	62
4	o-Cymene	134	C10H14	000527-84-4	58
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58





Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
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Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

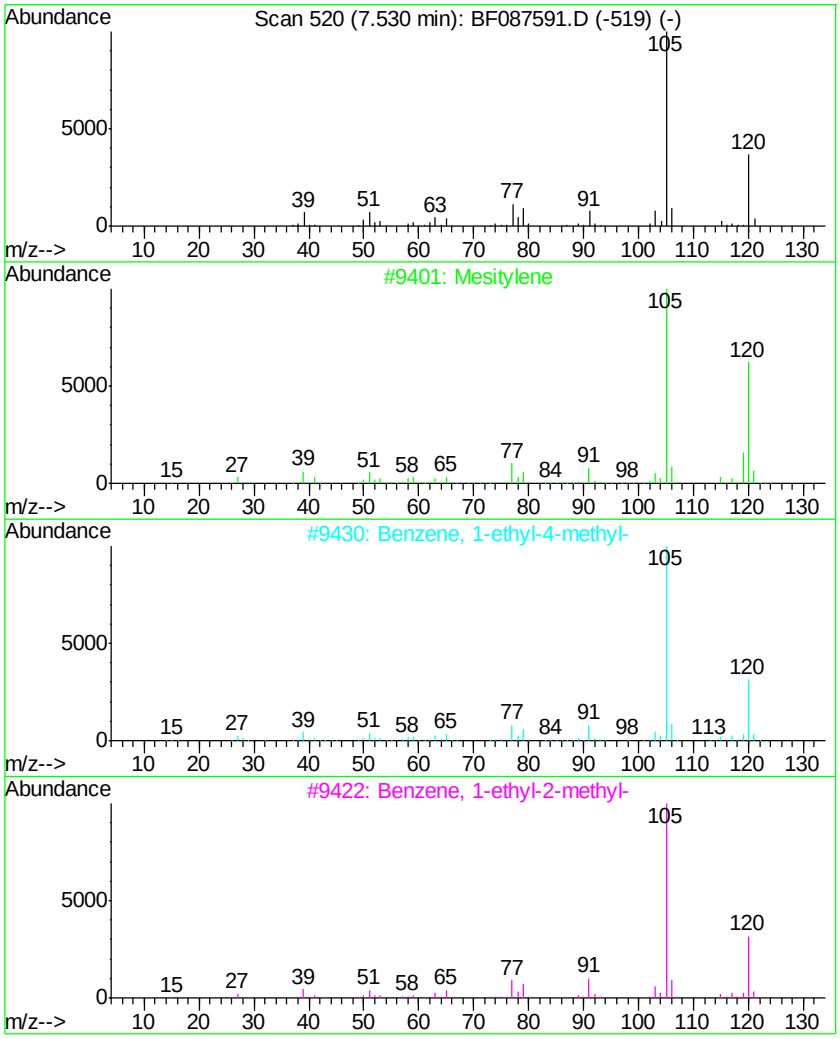
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

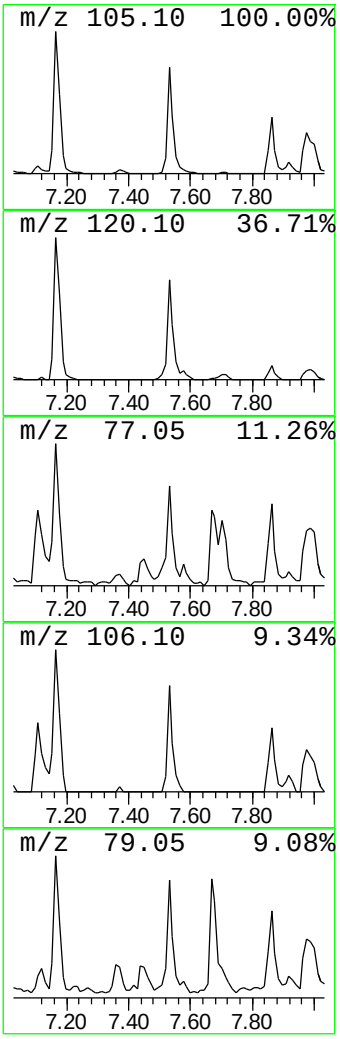
****

Peak Number 8 Mesitylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	7.64 ng	273006	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

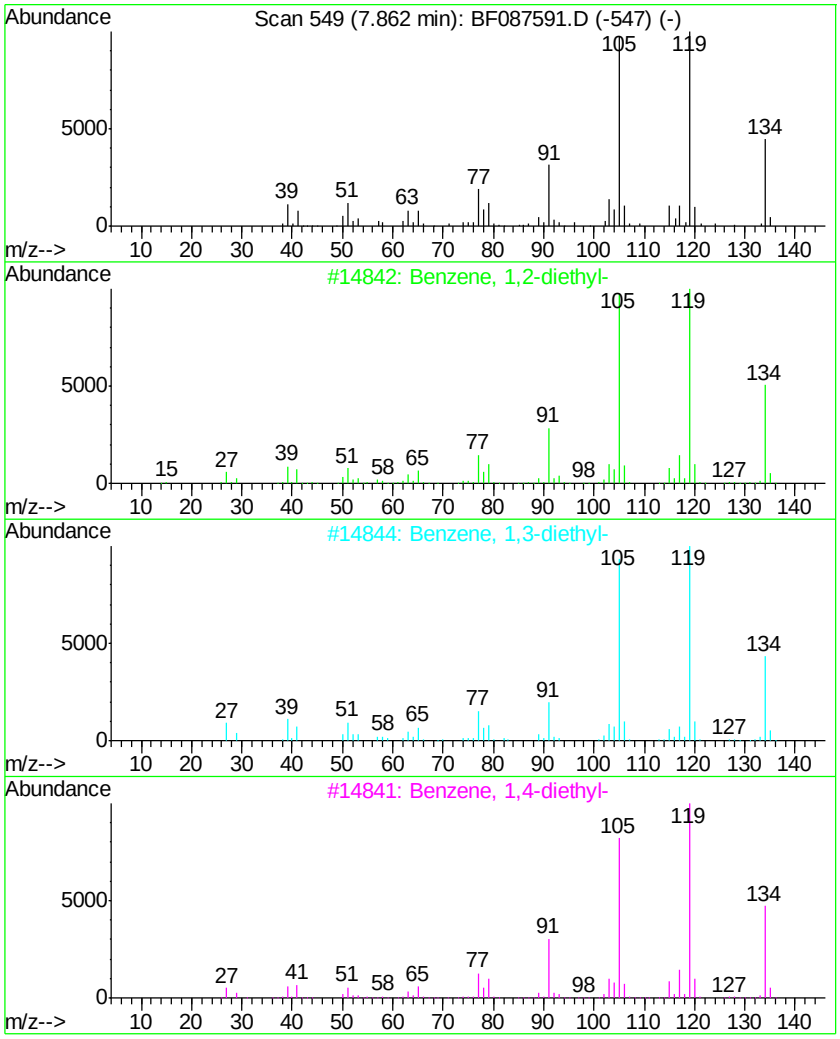
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

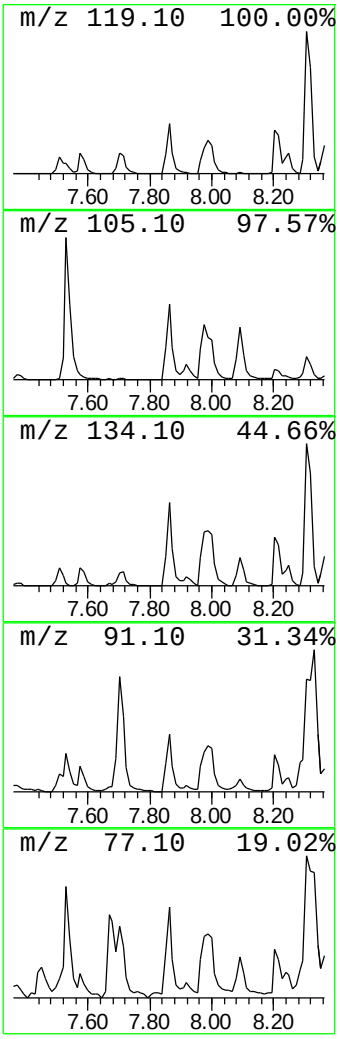
****

Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	9.50 ng	339602	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87





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Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

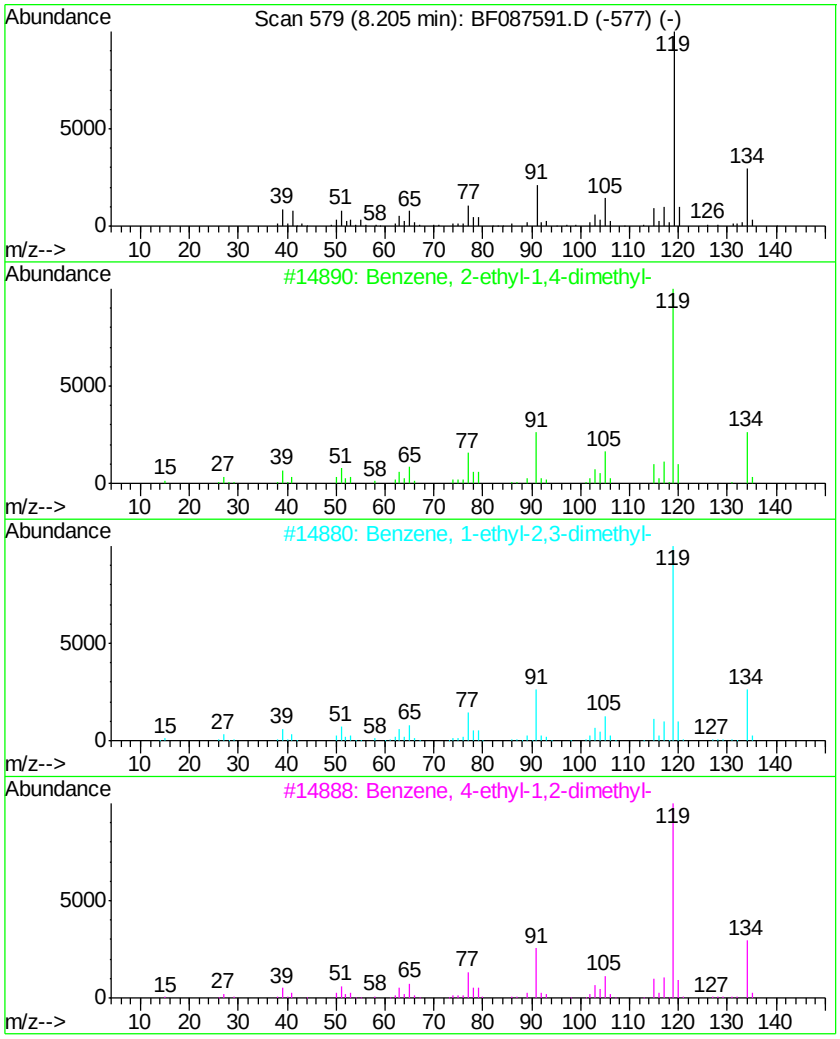
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

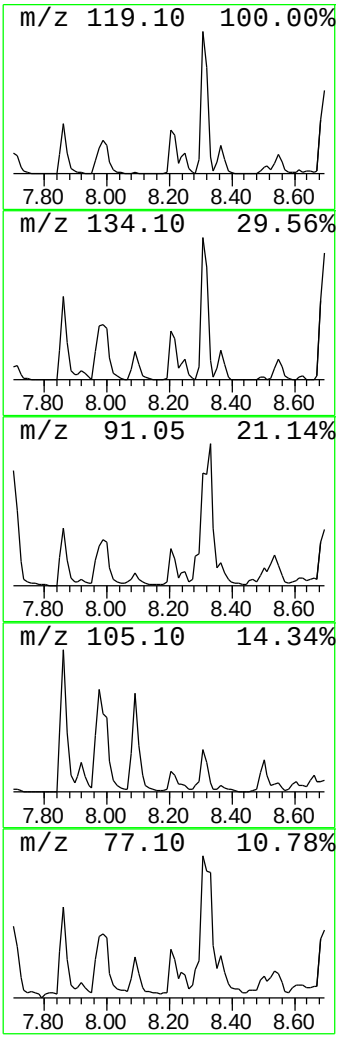
****

Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	4.65 ng	166135	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Library Search Compound Report

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Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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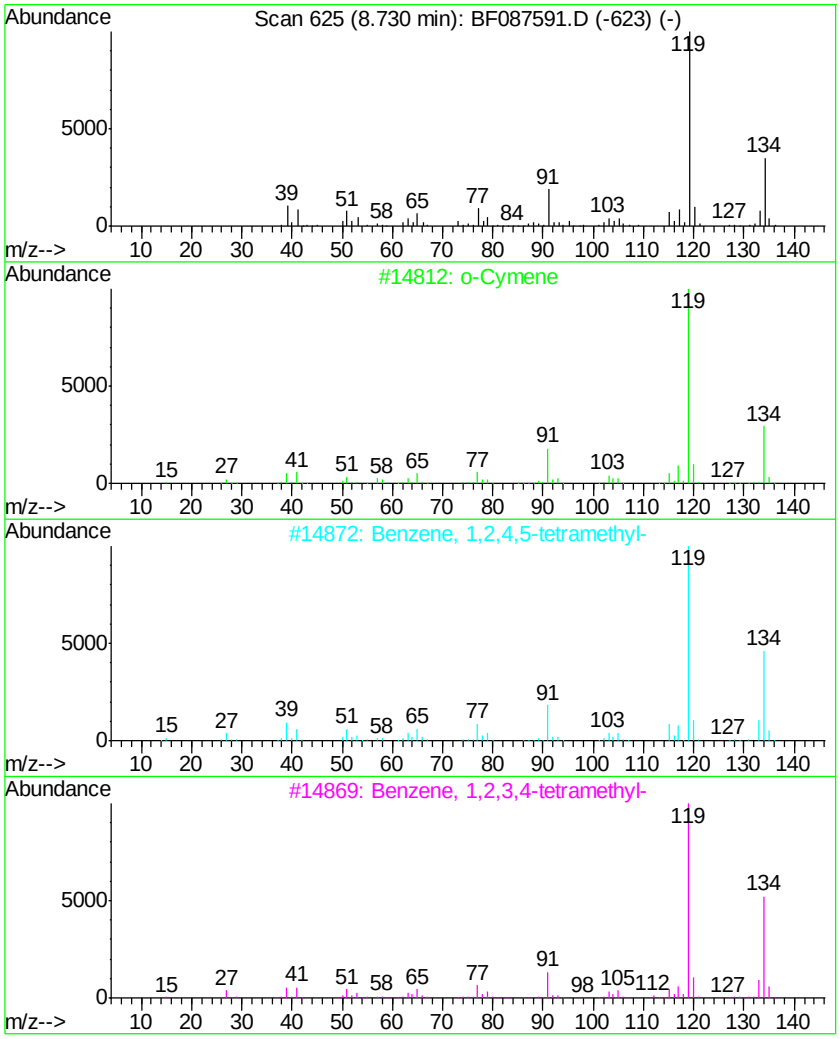
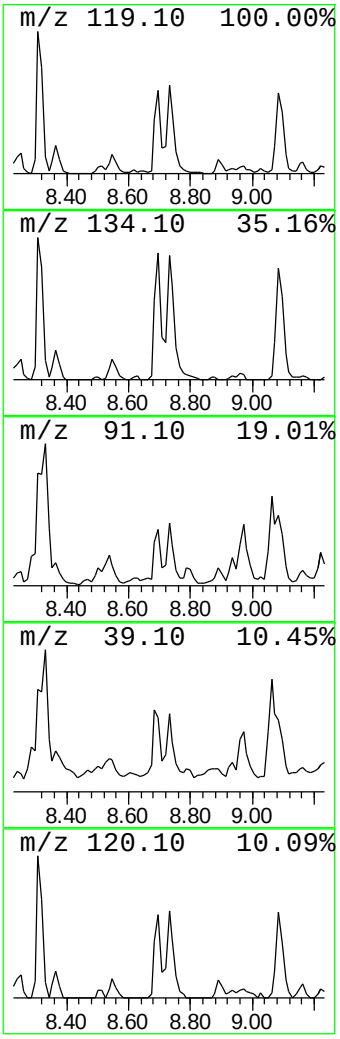
****

Peak Number 14 o-Cymene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	5.16 ng	369238	Naphthalene-d8	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

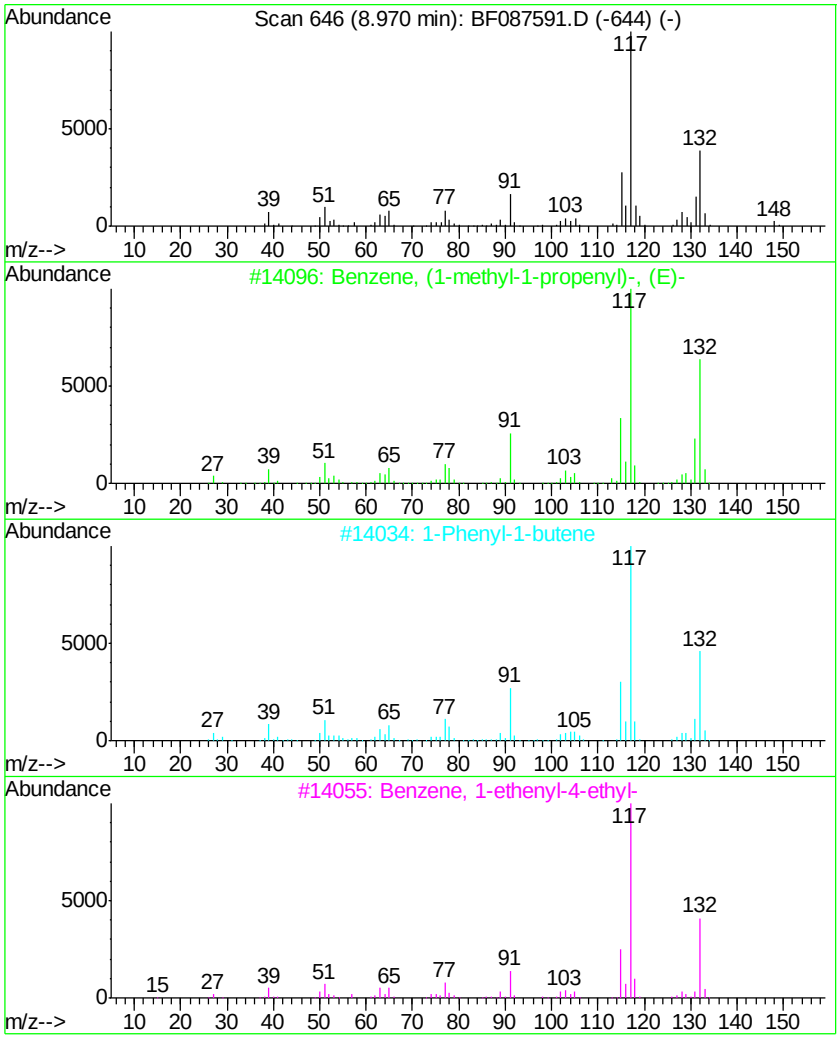
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

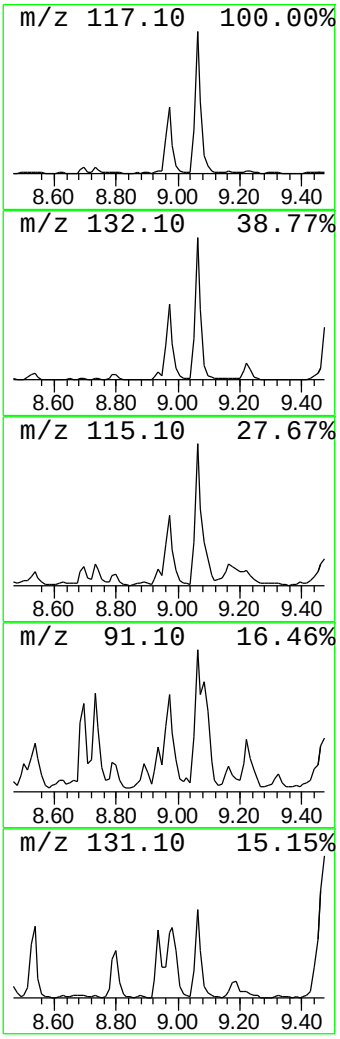
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, (1-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	6.13 ng	438361	Naphthalene-d8	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	93
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	91





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Sample : H3222-12
Misc :
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Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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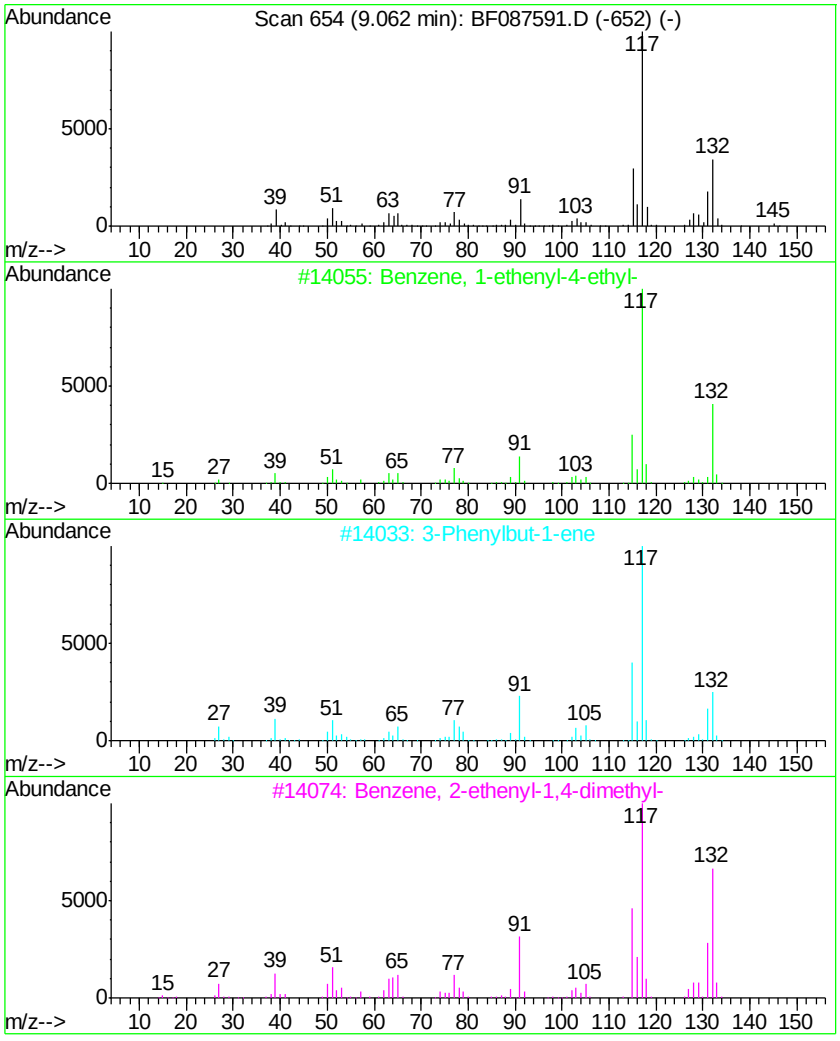
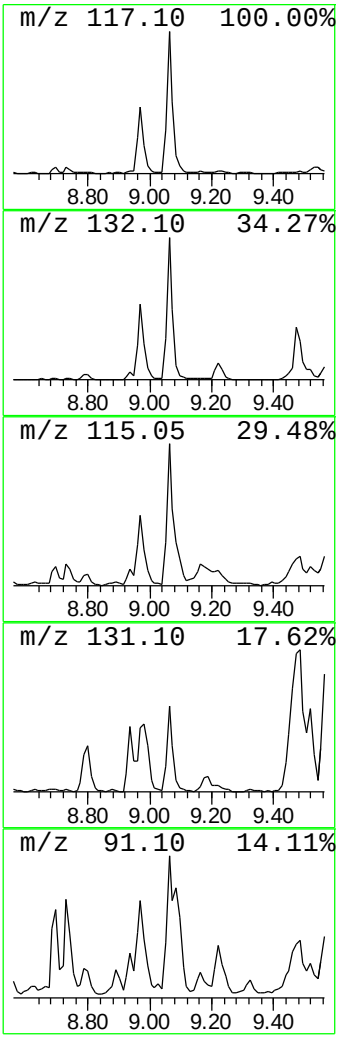
****

Peak Number 16 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	13.82 ng	988093	Naphthalene-d8	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	94
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Indan, 1-methyl-	132	C10H12	000767-58-8	91
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91





Library Search Compound Report

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Acq On : 31 May 2016 20:49
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Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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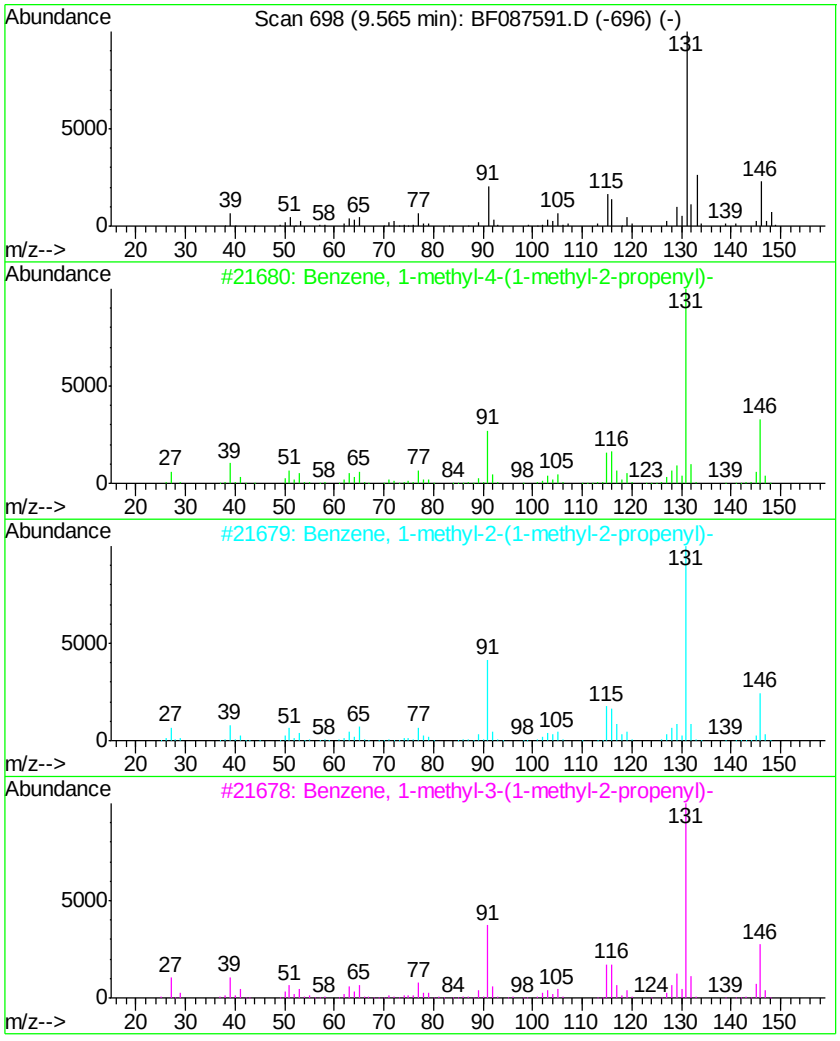
TIC Integration Parameters: LSCINT.P

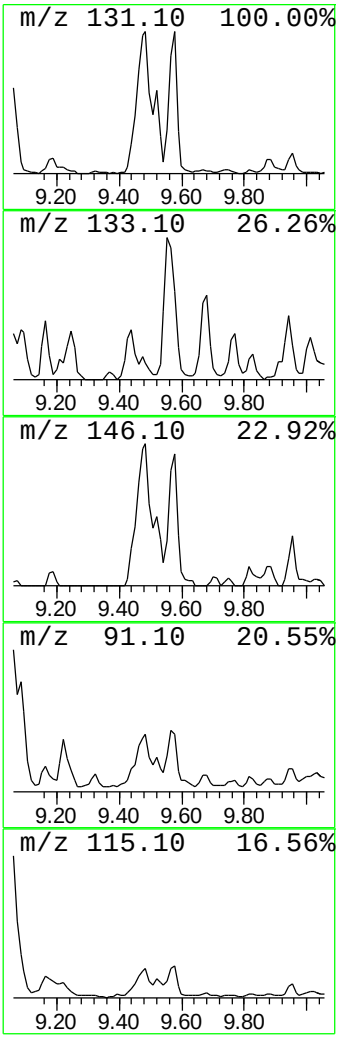
****

Peak Number 17 Benzene, 1-methyl-4-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	4.43 ng	317036	Naphthalene-d8	9.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	87
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	81
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	74





Library Search Compound Report

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Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
Sample : H3222-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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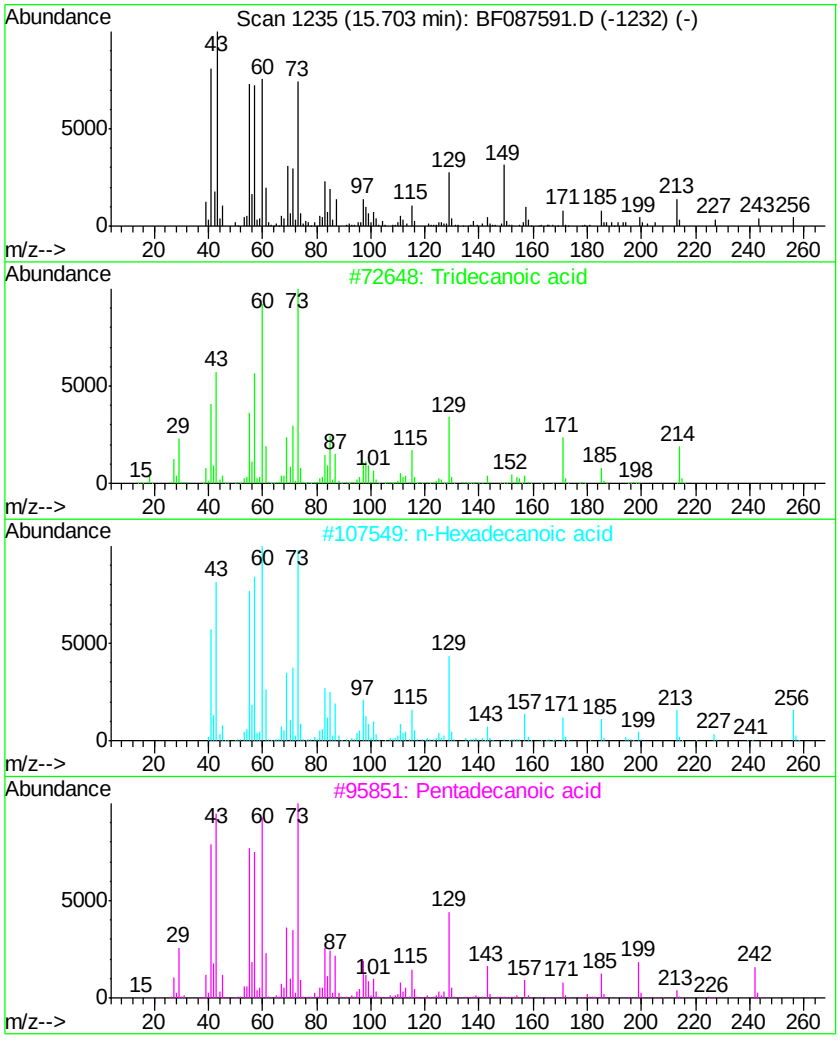
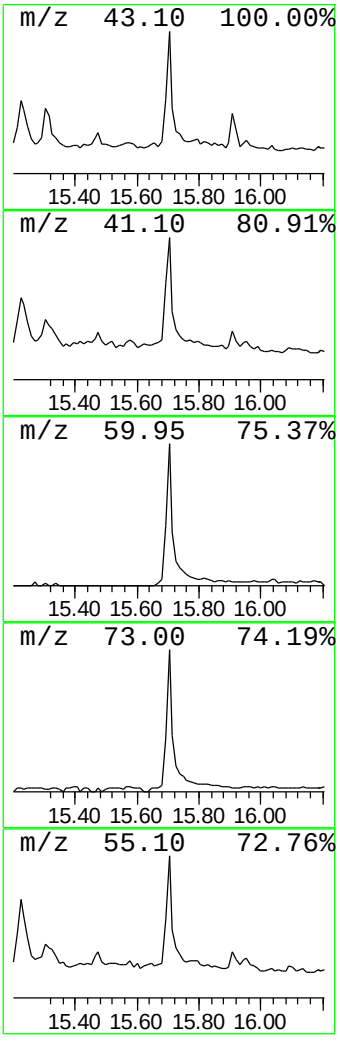
****

Peak Number 18 Tridecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	4.48 ng	253542	Phenanthrene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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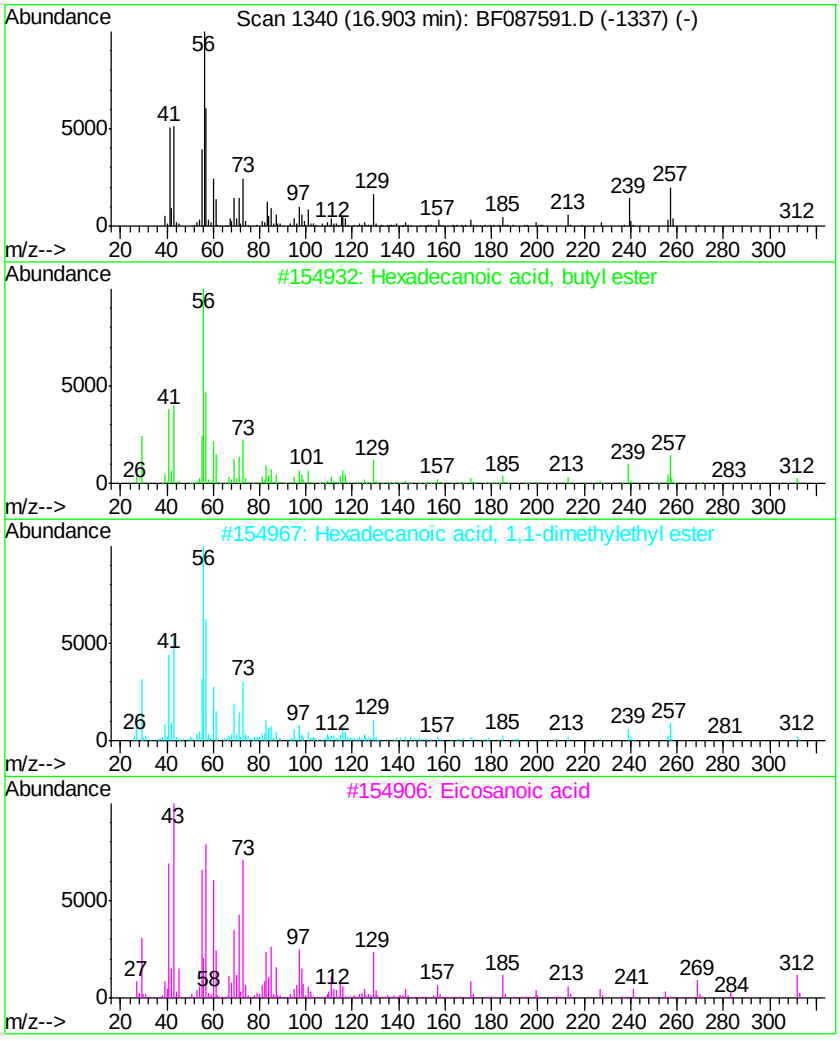
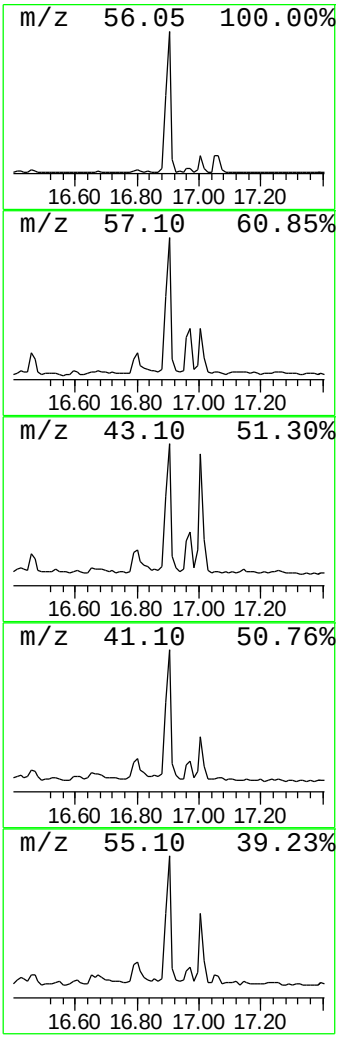
****

Peak Number 19 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	9.74 ng	549012	Chrysene-d12	18.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	80
3	Eicosanoic acid	312	C20H40O2	000506-30-9	42
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	35





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TIC Library : C:\Database\NIST11.L
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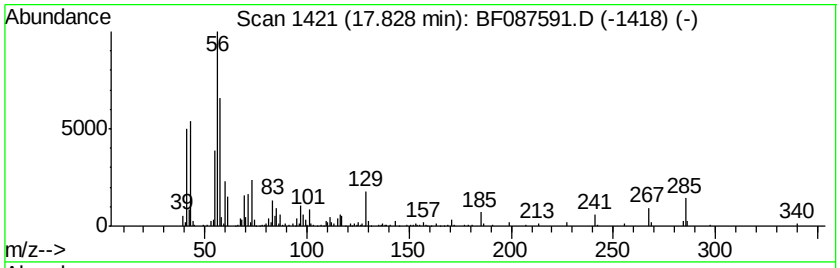
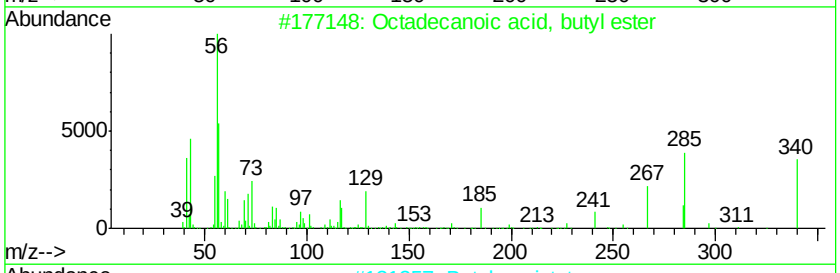
****

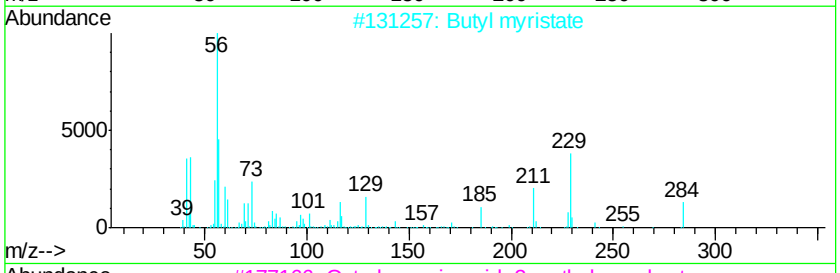
Peak Number 20 Octadecanoic acid, butyl ester Concentration Rank 12

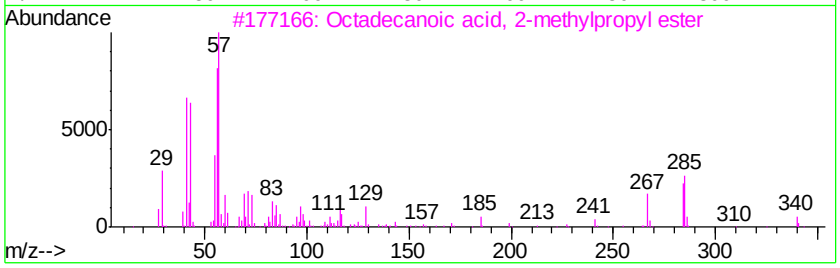
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	6.05 ng	340819	Chrysene-d12	18.43

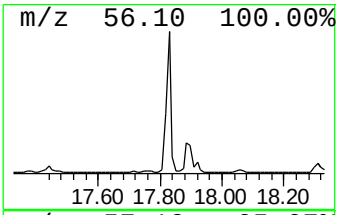
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2	Butyl myristate	284	C18H36O2	000110-36-1	72
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	43
4	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
5	Octadecanoic acid	284	C18H36O2	000057-11-4	38

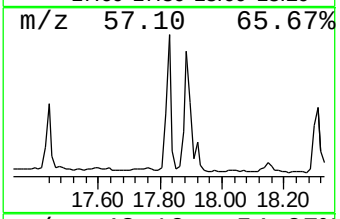


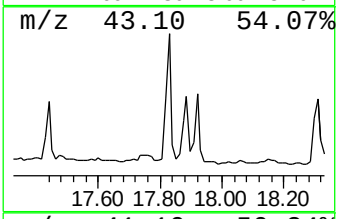


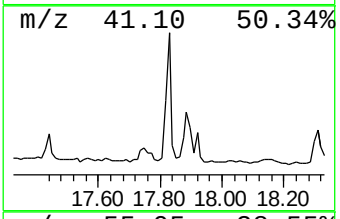


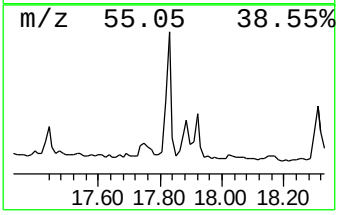












Tentatively Identified Compound (LSC) summary

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Data File : BF087591.D
Acq On : 31 May 2016 20:49
Operator : UM/SJ
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	17.7	ng	633950	1	7.45	715128	20.0
Benzene, 1-ethyl-...	6.75	5.3	ng	188562	1	7.45	715128	20.0
Benzene, 1,2,3-tr...	6.83	5.1	ng	182097	1	7.45	715128	20.0
unknown7.11	7.11	58.5	ng	2092540	1	7.45	715128	20.0
Benzene, 1,2,3,4-...	7.51	5.1	ng	181636	1	7.45	715128	20.0
Mesitylene	7.53	7.6	ng	273006	1	7.45	715128	20.0
Benzene, 1,2-diet...	7.86	9.5	ng	339602	1	7.45	715128	20.0
Benzene, 2-ethyl-...	8.20	4.7	ng	166135	1	7.45	715128	20.0
o-Cymene	8.73	5.2	ng	369238	2	9.47	1430060	20.0
Benzene, (1-methy...	8.97	6.1	ng	438361	2	9.47	1430060	20.0
Benzene, 1-etheny...	9.06	13.8	ng	988093	2	9.47	1430060	20.0
Benzene, 1-methyl...	9.56	4.4	ng	317036	2	9.47	1430060	20.0
Tridecanoic acid	15.70	4.5	ng	253542	4	14.71	1132400	20.0
Hexadecanoic acid...	16.90	9.7	ng	549012	5	18.43	1127380	20.0
Octadecanoic acid...	17.83	6.0	ng	340819	5	18.43	1127380	20.0