LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106685.D
Acq On : 22 Jun 2018 2:15
Operator : JU/SJ
Sample : J3523-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(D)

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	2.413	8	13	20	rVB	10515	17152	3.70%	0.288%
2	3.743	232	239	244	rBV	14961	24145	5.21%	0.406%
3	3.866	256	260	265	rVB	15460	21878	4.72%	0.368%
4	3.931	267	271	277	rBB	6992	9090	1.96%	0.153%
5	4.043	286	290	295	rBV3	9994	18314	3.95%	0.308%
6	4.178	308	313	320	rBB	12525	18805	4.06%	0.316%
7	4.319	332	337	341	rVB2	13221	18775	4.05%	0.315%
8	4.743	404	409	412	rBB2	10049	11080	2.39%	0.186%
9	5.025	454	457	460	rVB	8837	8029	1.73%	0.135%
10	5.107	466	471	473	rBV2	16523	20404	4.40%	0.343%
11	5.137	473	476	481	rVB2	9902	10535	2.27%	0.177%
12	5.184	481	484	488	rBV	36861	38704	8.35%	0.650%
13	5.372	513	516	521	rBV2	10551	18586	4.01%	0.312%
14	5.454	527	530	532	rBV	20790	19485	4.20%	0.327%
15	5.478	532	534	537	rVB	23294	19283	4.16%	0.324%
16	5.554	544	547	550	rBV2	31723	28125	6.07%	0.472%
17	5.601	552	555	562	rVB	312261	281370	60.70%	4.727%
18	5.731	574	577	583	rVB2	8620	15335	3.31%	0.258%
19	5.778	583	585	588	rVB	8748	6239	1.35%	0.105%
20	5.825	588	593	596	rBV3	10720	17064	3.68%	0.287%
21	5.984	618	620	623	rVB	10158	9287	2.00%	0.156%
22	6.019	623	626	631	rBV2	10234	13208	2.85%	0.222%
23	6.101	637	640	642	rBV	8570	6615	1.43%	0.111%
24	6.154	647	649	652	rVB	8812	7730	1.67%	0.130%
25	6.195	652	656	663	rBV3	20209	38175	8.24%	0.641%
26	6.254	663	666	669	rVB2	8650	9404	2.03%	0.158%
27	6.384	685	688	692	rBV2	12167	18510	3.99%	0.311%
28	6.442	692	698	702	rVV3	44234	53093	11.45%	0.892%
29	6.478	702	704	710	rVV3	27077	36305	7.83%	0.610%
30	6.537	712	714	716	rVV	26155	21751	4.69%	0.365%
31	6.560	716	718	722	rVB2	19369	20018	4.32%	0.336%
32	6.601	722	725	737	rBV	346006	314046	67.75%	5.276%
33	6.695	737	741	744	rBV3	6064	9670	2.09%	0.162%
34	6.737	744	748	753	rVB	369881	305714	65.96%	5.136%

LSC Area Percent Report

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Sample : J3523-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(D)

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 >
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	6.784	753	756	759	rBV	29550	25040	5.40%	0.421%
36	6.884	768	773	776	rBV2	7664	10220	2.20%	0.172%
37	6.960	783	786	790	rVB	435714	349367	75.37%	5.869%
38	7.013	790	795	800	rVV2	45242	44521	9.61%	0.748%
39	7.072	800	805	807	rVV2	18908	23703	5.11%	0.398%
40	7.119	809	813	815	rVV	252600	226391	48.84%	3.803%
41	7.137	815	816	819	rVB	17654	12543	2.71%	0.211%
42	7.201	824	827	828	rBV2	21916	15188	3.28%	0.255%
43	7.219	828	830	833	rVV	28308	26254	5.66%	0.441%
44	7.248	833	835	837	rVB	10687	8121	1.75%	0.136%
45	7.272	837	839	845	rVB2	32266	47233	10.19%	0.793%
46	7.331	845	849	850	rBV	14499	11656	2.51%	0.196%
47	7.348	850	852	854	rVB	10887	7695	1.66%	0.129%
48	7.378	854	857	862	rVB2	8716	9732	2.10%	0.163%
49	7.419	862	864	866	rBV	15397	11499	2.48%	0.193%
50	7.489	873	876	878	rBV	57868	45707	9.86%	0.768%
51	7.519	878	881	889	rVB	201683	183429	39.57%	3.082%
52	7.637	897	901	907	rBV4	13574	18694	4.03%	0.314%
53	7.725	913	916	918	rBV	35020	27467	5.93%	0.461%
54	7.748	918	920	924	rVB	38516	27951	6.03%	0.470%
55	7.837	930	935	936	rBV2	8761	8493	1.83%	0.143%
56	7.889	941	944	945	rVV	10240	9048	1.95%	0.152%
57	7.913	945	948	951	rVV2	24494	23555	5.08%	0.396%
58	7.978	955	959	961	rVV	48297	43019	9.28%	0.723%
59	8.001	961	963	965	rVV	17780	14886	3.21%	0.250%
60	8.054	968	972	974	rVV3	10512	13980	3.02%	0.235%
61	8.101	978	980	984	rVB	11967	9728	2.10%	0.163%
62	8.242	995	1004	1009	rBV	451872	441519	95.25%	7.417%
63	8.284	1009	1011	1015	rVB	22368	17492	3.77%	0.294%
64	8.325	1015	1018	1020	rBV	8719	7472	1.61%	0.126%
65	8.525	1049	1052	1056	rVB3	10065	13969	3.01%	0.235%
66	8.625	1067	1069	1071	rBV	10215	6841	1.48%	0.115%
67	8.960	1123	1126	1132	rVB	13319	12355	2.67%	0.208%
68	9.060	1140	1143	1148	rBV	8667	9364	2.02%	0.157%
69	9.313	1183	1186	1195	rVV	289663	259518	55.99%	4.360%
70	9.383	1195	1198	1203	rVB2	6916	7272	1.57%	0.122%
71	9.707	1250	1253	1259	rVB	27109	26095	5.63%	0.438%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : AREA1(D)

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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72	9.913	1284	1288	1291	rBV2	11965	10351	2.23%	0.174%
73	10.001	1300	1303	1307	rBV	434384	400301	86.36%	6.725%
74	10.413	1369	1373	1377	rVB	11731	10731	2.32%	0.180%
75	10.554	1393	1397	1399	rBV	7462	7486	1.62%	0.126%
76	10.795	1434	1438	1442	rBV	160291	133583	28.82%	2.244%
77	10.889	1451	1454	1455	rBV2	10083	10584	2.28%	0.178%
78	11.336	1526	1530	1532	rBV2	9086	8518	1.84%	0.143%
79	11.366	1532	1535	1537	rBV2	7180	6911	1.49%	0.116%
80	11.495	1554	1557	1560	rBV	523472	463519	100.00%	7.787%
81	11.519	1560	1561	1565	rVV	73519	44231	9.54%	0.743%
82	11.572	1567	1570	1572	rVV	11959	11061	2.39%	0.186%
83	11.766	1601	1603	1608	rVB4	6016	6833	1.47%	0.115%
84	11.960	1633	1636	1638	rBV4	6911	8677	1.87%	0.146%
85	12.001	1640	1643	1645	rVV	11403	13362	2.88%	0.224%
86	12.024	1645	1647	1652	rVB2	15468	18133	3.91%	0.305%
87	12.077	1653	1656	1658	rBV3	8252	9003	1.94%	0.151%
88	12.113	1659	1662	1664	rBV2	13815	14128	3.05%	0.237%
89	12.324	1695	1698	1699	rBV3	9168	8560	1.85%	0.144%
90	12.713	1761	1764	1767	rBV	99430	86148	18.59%	1.447%
91	12.742	1767	1769	1773	rVB4	19887	19268	4.16%	0.324%
92	12.924	1798	1800	1801	rBV	19930	17863	3.85%	0.300%
93	12.942	1801	1803	1810	rVB	79230	89183	19.24%	1.498%
94	13.077	1822	1826	1830	rBV	390689	318297	68.67%	5.347%
95	14.148	2004	2008	2011	rBV	438164	426760	92.07%	7.169%
96	15.683	2265	2269	2273	rVB	214495	266103	57.41%	4.470%

Sum of corrected areas: 5952535

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
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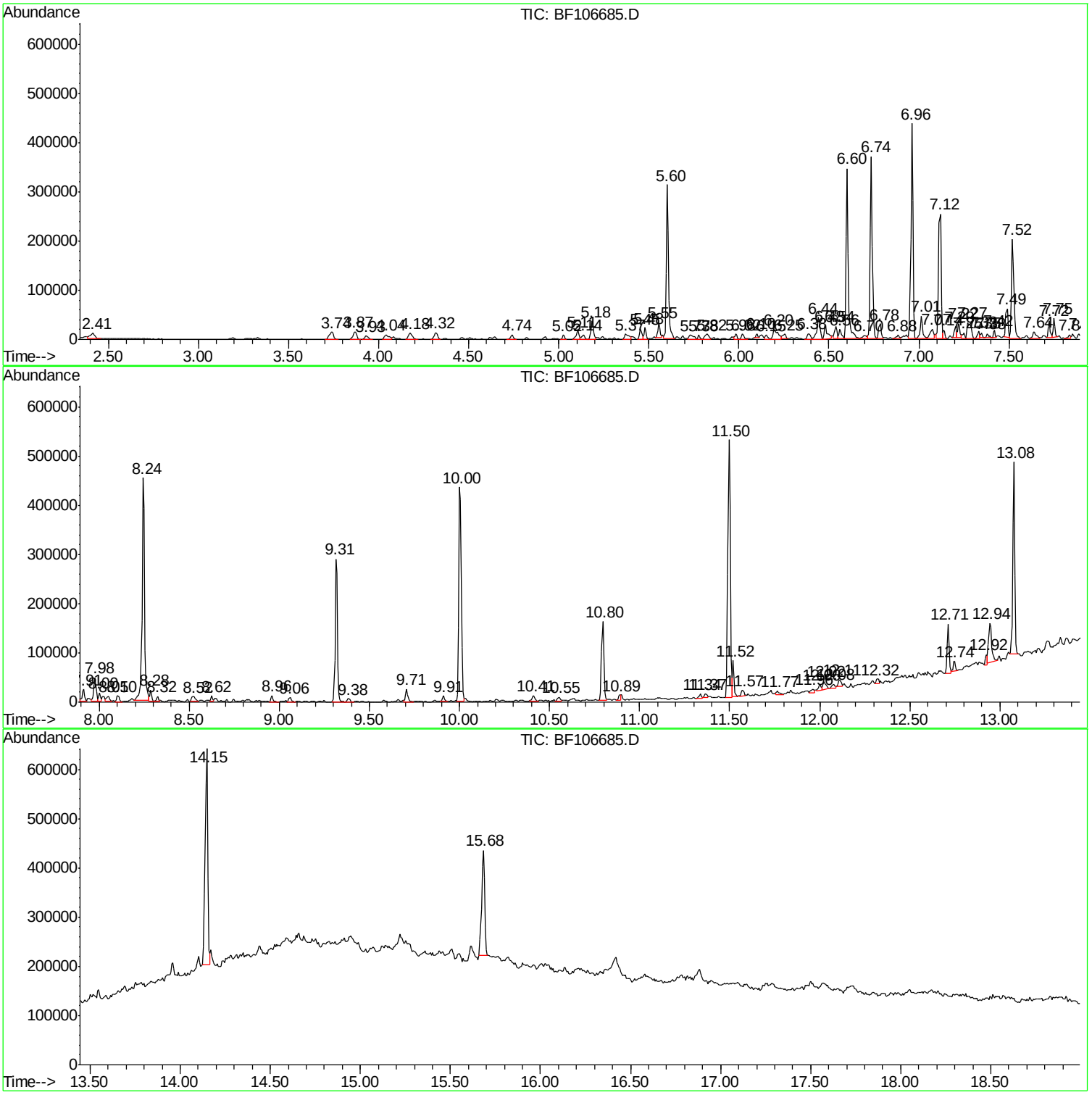
Acq On : 22 Jun 2018 2:15
Operator : JU/SJ
Sample : J3523-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106685.D
Acq On : 22 Jun 2018 2:15
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Sample : J3523-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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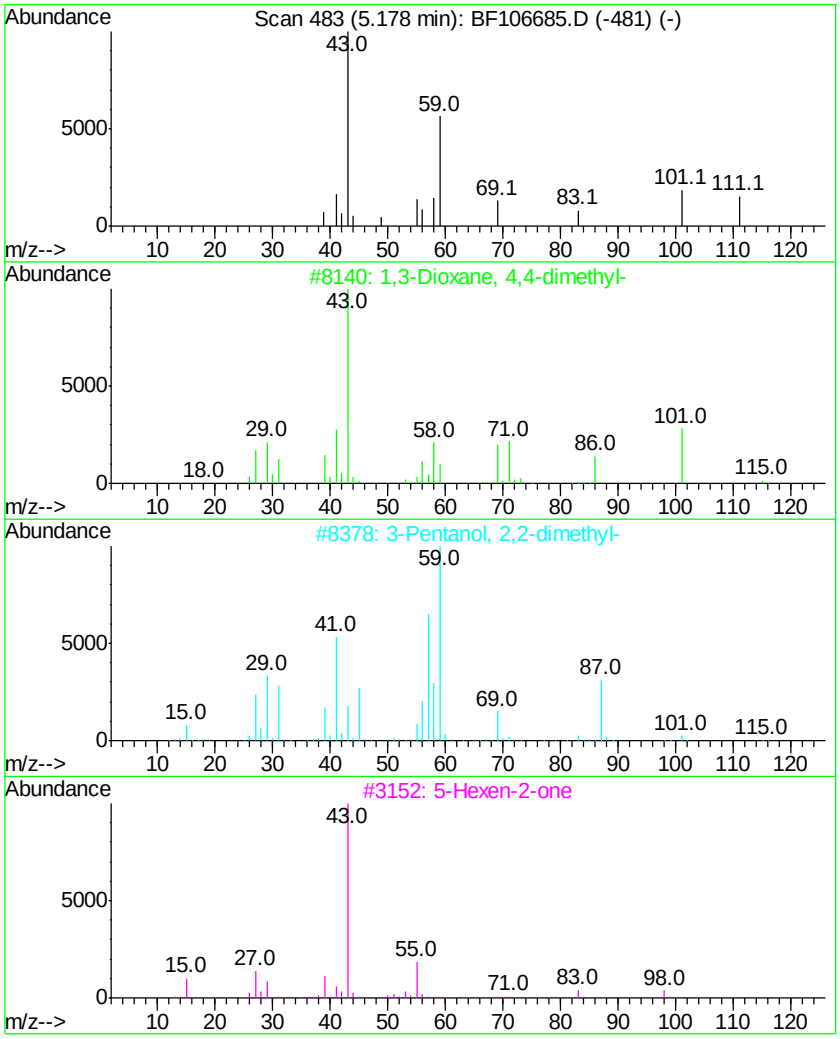
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

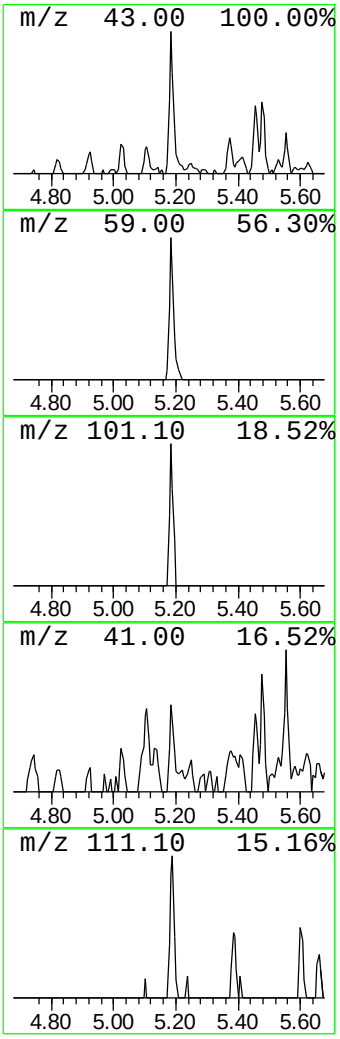
****

Peak Number 1 unknown5.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.22 ng	38704	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	38
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	32
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	1-[1,2,4]Triazol-1-ylethanone	111	C4H5N3O	015625-88-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106685.D
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Operator : JU/SJ
Sample : J3523-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

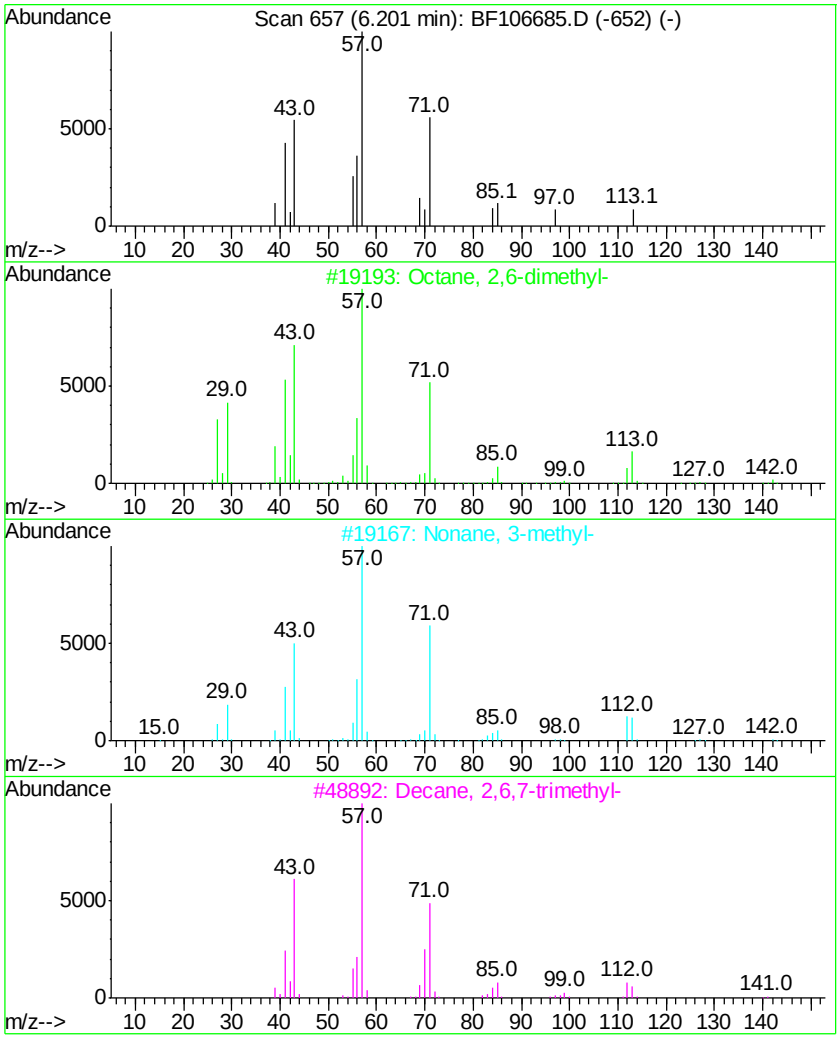
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

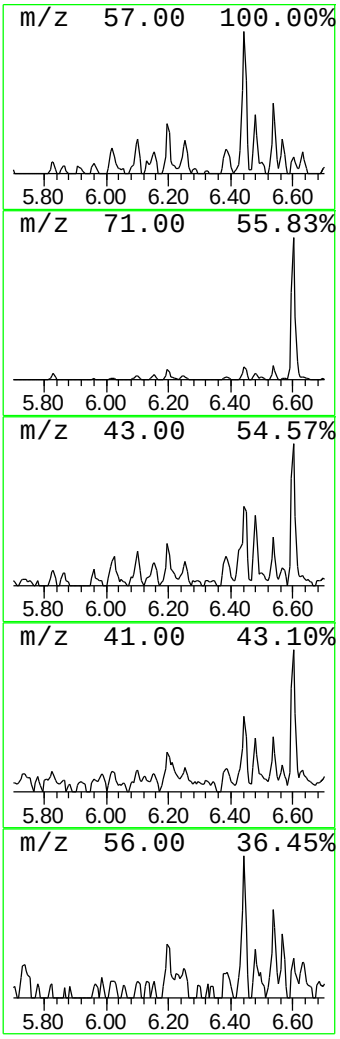
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	2.19 ng	38175	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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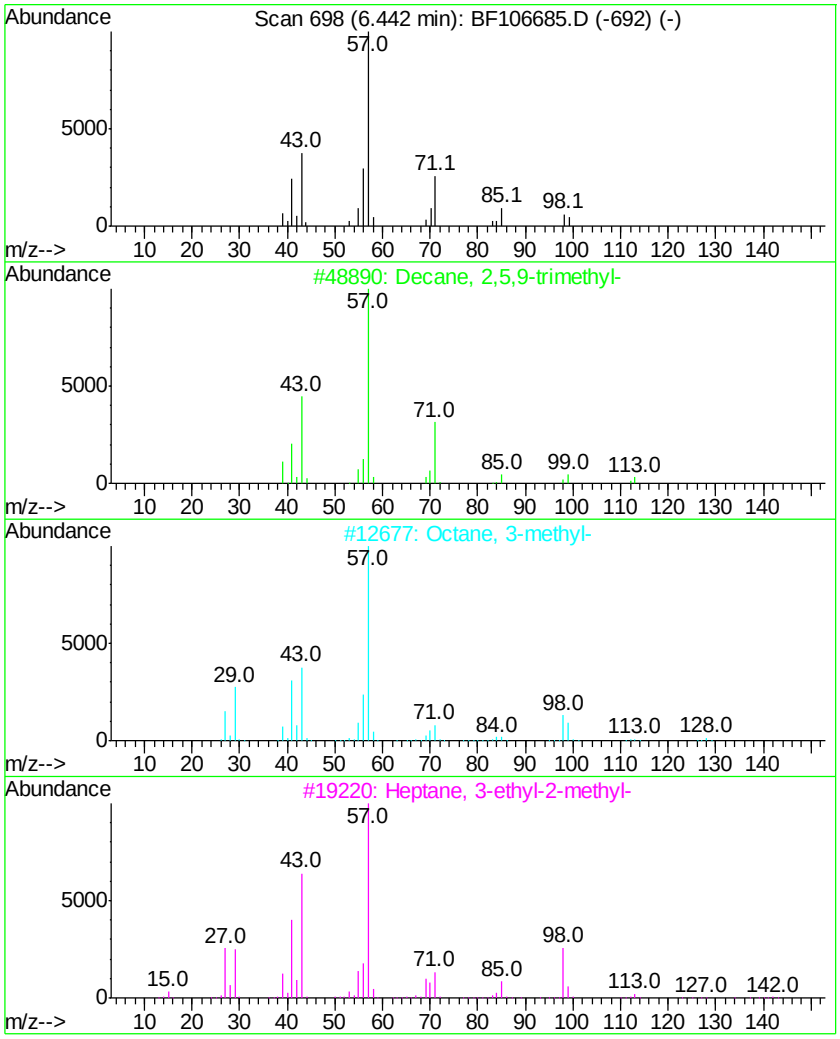
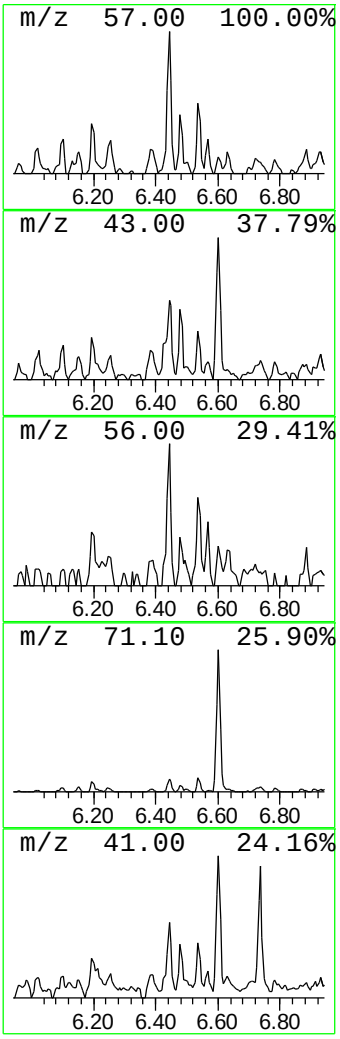
Peak Number 3 Decane, 2,5,9-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	3.04 ng	53093	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
2	Octane, 3-methyl-	128	C9H20	002216-33-3	59
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	45





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Instrument : BNA_F
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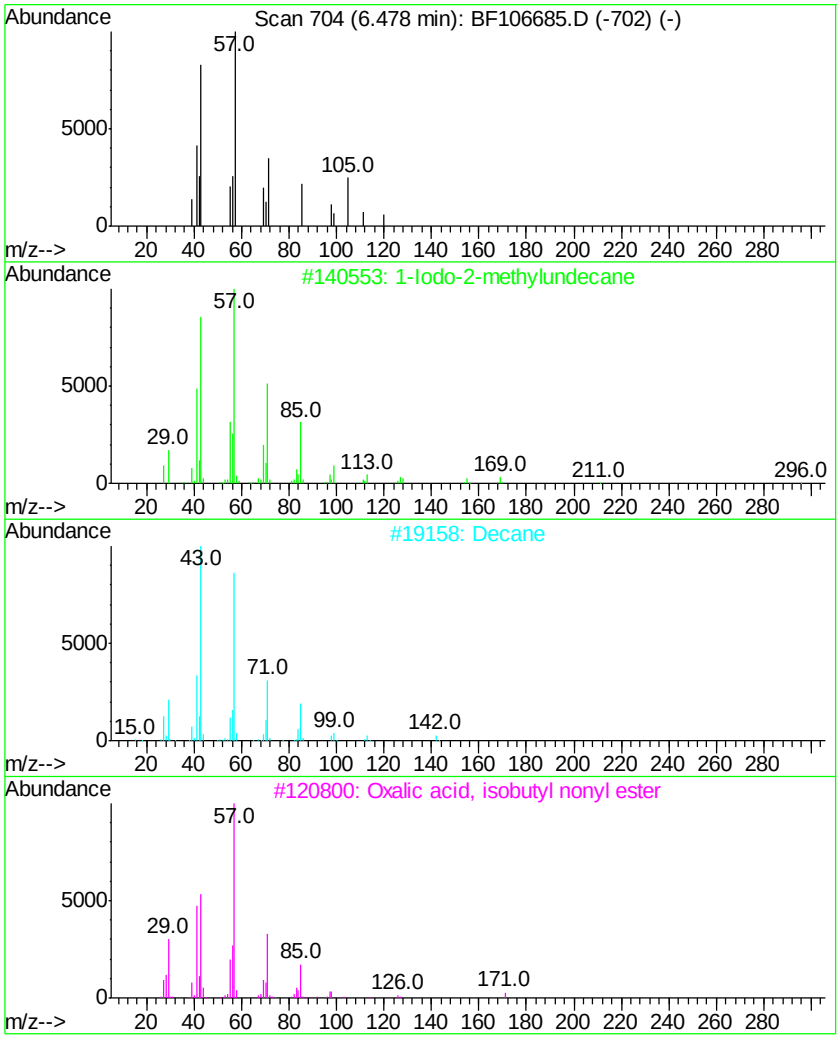
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

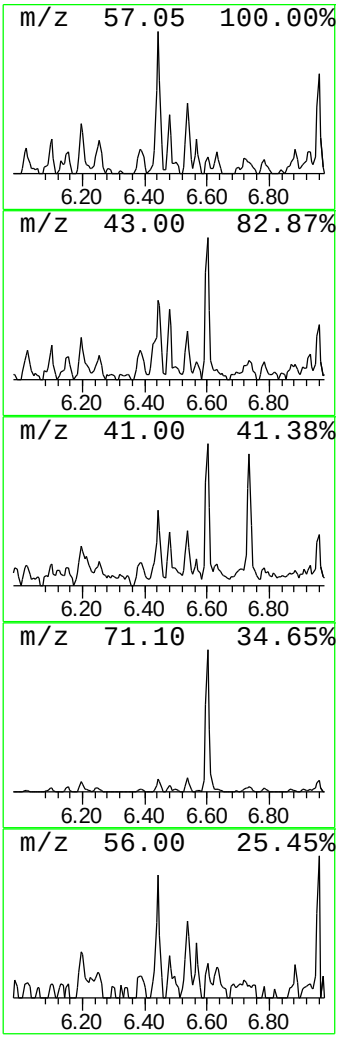
****

Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	2.08 ng	36305	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
2	Decane	142	C10H22	000124-18-5	47
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	47
4	Dotriacontane	451	C32H66	000544-85-4	43
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	43





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Misc :
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Instrument : BNA_F
ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

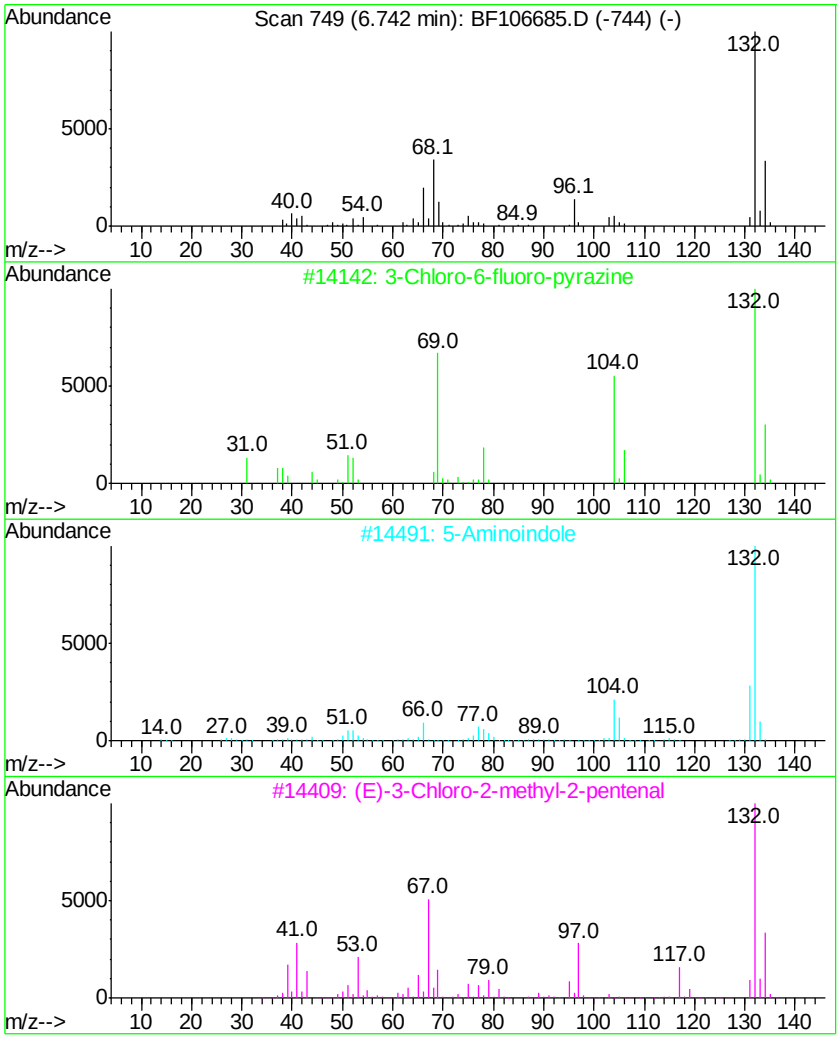
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

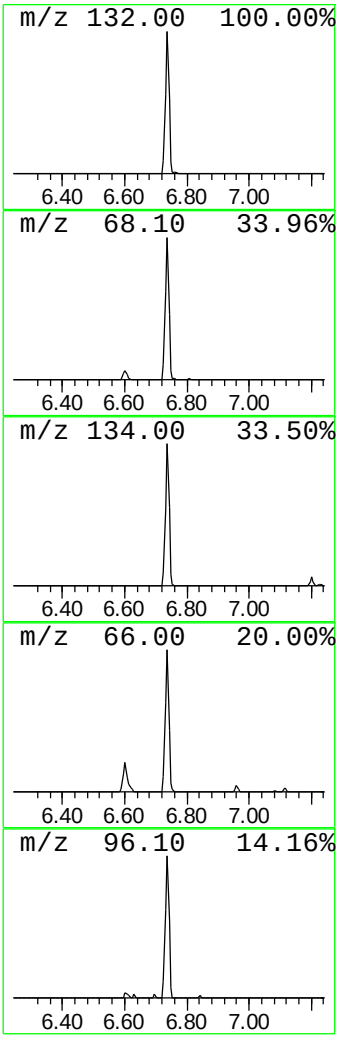
****

Peak Number 5 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	17.50 ng	305714	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

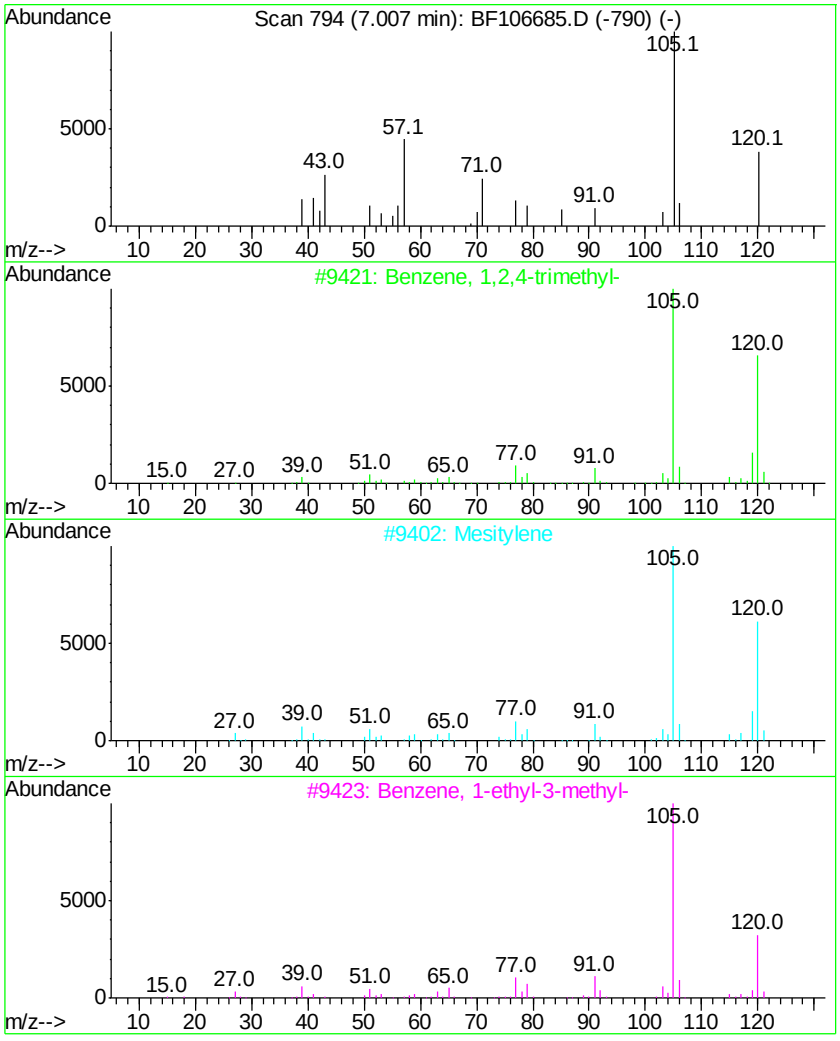
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

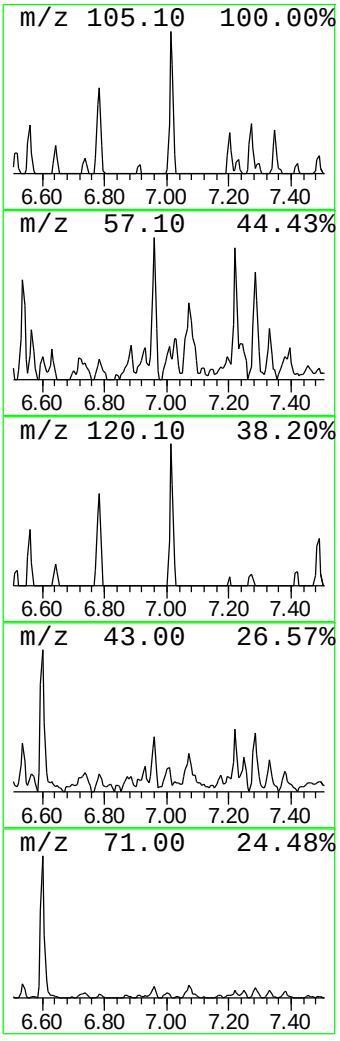
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	2.55 ng	44521	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106685.D
Acq On : 22 Jun 2018 2:15
Operator : JU/SJ
Sample : J3523-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

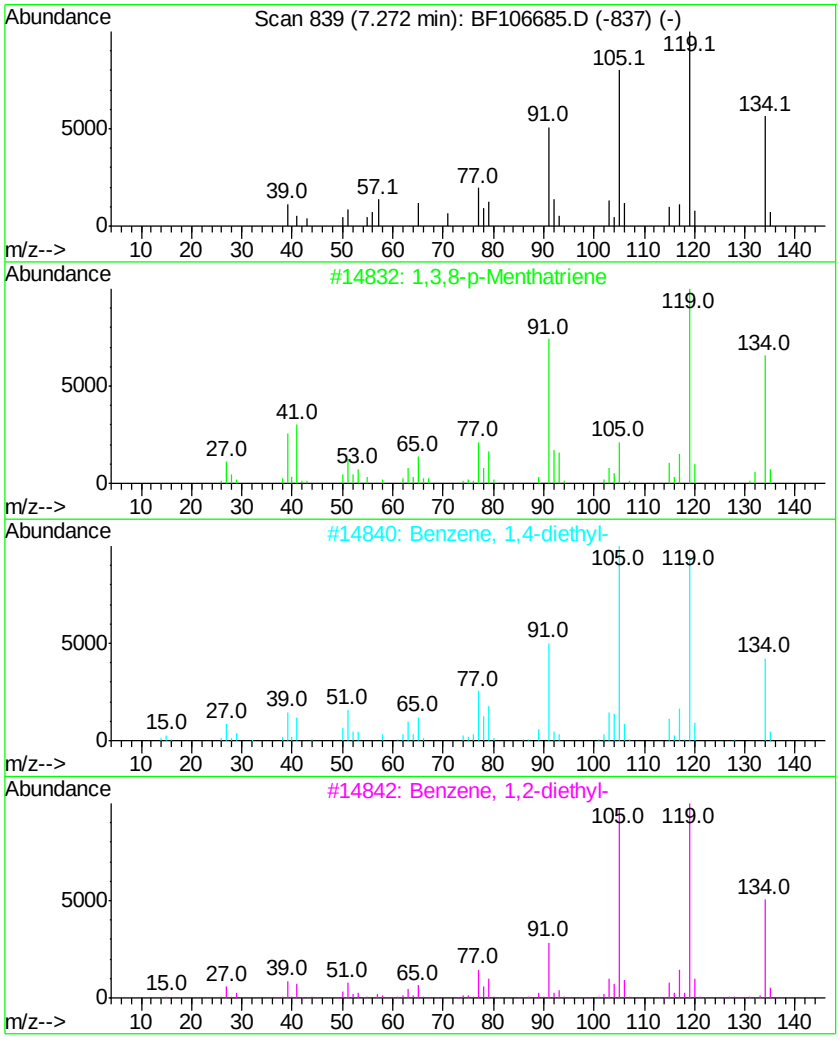
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

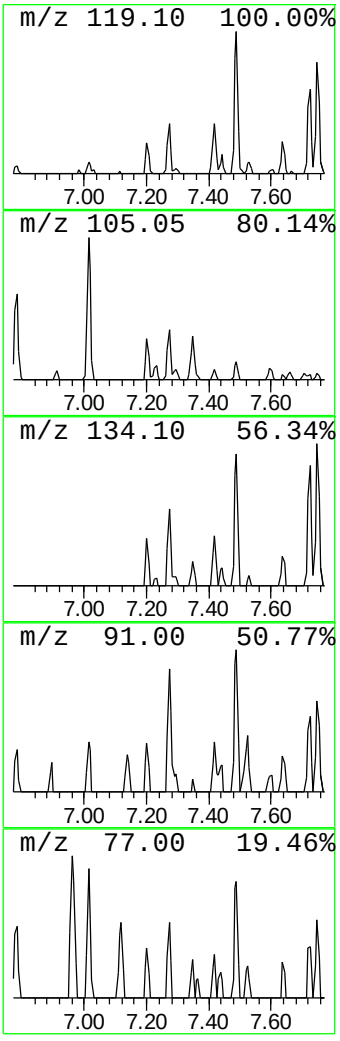
****

Peak Number 8 1,3,8-p-Menthatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	2.70 ng	47233	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062118\
Data File : BF106685.D
Acq On : 22 Jun 2018 2:15
Operator : JU/SJ
Sample : J3523-05 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA1(D)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown5.18	5.18	2.2	ng	38704	1	6.96	349367	20.0
Octane, 2,6-dimet...	6.20	2.2	ng	38175	1	6.96	349367	20.0
Decane, 2,5,9-tri...	6.44	3.0	ng	53093	1	6.96	349367	20.0
1-Iodo-2-methylun...	6.48	2.1	ng	36305	1	6.96	349367	20.0
unknown6.74	6.74	17.5	ng	305714	1	6.96	349367	20.0
Benzene, 1,2,4-tr...	7.01	2.5	ng	44521	1	6.96	349367	20.0
1,3,8-p-Menthatriene	7.27	2.7	ng	47233	1	6.96	349367	20.0