LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	473	475	480	rVB	15415	15009	1.54%	0.137%
2	5.304	543	547	558	rBV	550879	497125	51.10%	4.552%
3	6.334	718	722	729	rBV	657547	529983	54.47%	4.853%
4	6.469	741	745	749	rBV	686335	541503	55.66%	4.959%
5	6.704	782	785	789	rBV	896998	710247	73.00%	6.504%
6	6.863	808	812	815	rBV	497710	423649	43.54%	3.880%
7	6.986	830	833	838	rVB	31126	31448	3.23%	0.288%
8	7.263	871	880	883	rBV	369276	344270	35.39%	3.153%
9	7.322	887	890	892	rVB3	14046	15271	1.57%	0.140%
10	7.363	892	897	901	rBV4	24156	36188	3.72%	0.331%
11	7.504	919	921	928	rVB3	32548	50962	5.24%	0.467%
12	7.633	936	943	948	rVB6	37148	73386	7.54%	0.672%
13	7.681	948	951	954	rBV4	13716	21667	2.23%	0.198%
14	7.733	954	960	962	rVV2	26466	38579	3.97%	0.353%
15	7.763	962	965	970	rVB3	24469	27736	2.85%	0.254%
16	7.804	970	972	973	rBV2	16460	13126	1.35%	0.120%
17	7.828	973	976	980	rVB3	26170	29752	3.06%	0.272%
18	7.869	980	983	984	rBV	18164	16207	1.67%	0.148%
19	7.939	992	995	996	rBV2	20094	14186	1.46%	0.130%
20	7.986	999	1003	1006	rBV	1205097	942599	96.88%	8.632%
21	8.045	1011	1013	1015	rVV3	20484	17011	1.75%	0.156%
22	8.069	1015	1017	1019	rVV	42656	33210	3.41%	0.304%
23	8.086	1019	1020	1023	rVB3	25674	19173	1.97%	0.176%
24	8.116	1023	1025	1028	rVB2	21469	20125	2.07%	0.184%
25	8.151	1028	1031	1032	rBV2	16720	16440	1.69%	0.151%
26	8.169	1032	1034	1038	rBV4	24334	20134	2.07%	0.184%
27	8.204	1038	1040	1044	rVB	118298	92959	9.55%	0.851%
28	8.239	1044	1046	1047	rBV2	13950	12697	1.31%	0.116%
29	8.286	1051	1054	1057	rVB3	47105	56514	5.81%	0.518%
30	8.322	1057	1060	1062	rBV2	21676	20324	2.09%	0.186%
31	8.345	1062	1064	1066	rBV3	26403	26052	2.68%	0.239%
32	8.428	1075	1078	1082	rBV3	67235	106616	10.96%	0.976%
33	8.498	1088	1090	1093	rBV2	52160	38408	3.95%	0.352%
34	8.539	1093	1097	1100	rBV2	83606	84209	8.66%	0.771%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.598	1104	1107	1112	rBV5	30249	50281	5.17%	0.460%
36	8.686	1119	1122	1126	rVB4	57241	74689	7.68%	0.684%
37	8.739	1128	1131	1133	rBV3	24106	28052	2.88%	0.257%
38	8.827	1144	1146	1148	rVB3	16261	13000	1.34%	0.119%
39	8.875	1152	1154	1158	rBV5	25725	33920	3.49%	0.311%
40	8.910	1158	1160	1163	rVB4	16006	13896	1.43%	0.127%
41	8.986	1171	1173	1176	rVB3	27494	20383	2.10%	0.187%
42	9.022	1176	1179	1182	rBV	183444	159841	16.43%	1.464%
43	9.063	1182	1186	1189	rVV	783890	585211	60.15%	5.359%
44	9.157	1198	1202	1206	rBV3	111962	124497	12.80%	1.140%
45	9.204	1208	1210	1213	rVB2	41389	39601	4.07%	0.363%
46	9.269	1219	1221	1223	rVB2	25336	16725	1.72%	0.153%
47	9.327	1226	1231	1233	rBV6	33116	49629	5.10%	0.454%
48	9.427	1245	1248	1250	rBV3	22104	22788	2.34%	0.209%
49	9.457	1250	1253	1255	rVV	145042	125292	12.88%	1.147%
50	9.475	1255	1256	1259	rVB2	51406	37417	3.85%	0.343%
51	9.622	1279	1281	1285	rVB4	42949	43069	4.43%	0.394%
52	9.657	1285	1287	1290	rBV3	40594	41862	4.30%	0.383%
53	9.686	1290	1292	1296	rVV4	29543	33712	3.47%	0.309%
54	9.739	1296	1301	1304	rVV	1051809	972905	100.00%	8.910%
55	9.786	1307	1309	1314	rVV6	30488	48840	5.02%	0.447%
56	9.845	1316	1319	1323	rVB4	53216	76671	7.88%	0.702%
57	9.886	1323	1326	1327	rBV2	25581	17820	1.83%	0.163%
58	9.910	1327	1330	1331	rVV3	24240	27458	2.82%	0.251%
59	9.927	1331	1333	1335	rVV2	54634	56392	5.80%	0.516%
60	9.980	1339	1342	1344	rVB3	29421	25147	2.58%	0.230%
61	10.010	1344	1347	1350	rBV2	66638	49957	5.13%	0.457%
62	10.057	1352	1355	1357	rBV	34661	28726	2.95%	0.263%
63	10.204	1378	1380	1382	rBV3	20652	16733	1.72%	0.153%
64	10.233	1382	1385	1389	rVB3	52254	57424	5.90%	0.526%
65	10.304	1395	1397	1401	rBV2	52086	44583	4.58%	0.408%
66	10.345	1402	1404	1406	rVB3	33604	21549	2.21%	0.197%
67	10.374	1407	1409	1411	rVV3	21022	17182	1.77%	0.157%
68	10.404	1411	1414	1417	rVB3	42499	49724	5.11%	0.455%
69	10.480	1425	1427	1430	rBV3	26900	33638	3.46%	0.308%
70	10.516	1430	1433	1439	rVB	328309	276406	28.41%	2.531%
71	10.627	1447	1452	1453	rBV5	20472	33787	3.47%	0.309%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-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-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.651	1453	1456	1458	rBV3	30302	34399	3.54%	0.315%
73	10.721	1465	1468	1470	rBV3	36316	30255	3.11%	0.277%
74	10.798	1479	1481	1487	rBV7	18613	26279	2.70%	0.241%
75	11.127	1534	1537	1543	rVB	43036	50564	5.20%	0.463%
76	11.210	1548	1551	1555	rBV	815210	735624	75.61%	6.737%
77	11.345	1571	1574	1579	rBV5	10965	14233	1.46%	0.130%
78	11.568	1610	1612	1615	rBV4	14484	15865	1.63%	0.145%
79	11.692	1629	1633	1634	rBV3	8899	12823	1.32%	0.117%
80	11.821	1652	1655	1657	rBV4	12672	14049	1.44%	0.129%
81	11.945	1674	1676	1679	rVB2	14704	13385	1.38%	0.123%
82	12.139	1706	1709	1712	rBV	17589	17390	1.79%	0.159%
83	12.263	1727	1730	1732	rBV3	16548	19311	1.98%	0.177%
84	12.315	1737	1739	1742	rVB3	21145	17010	1.75%	0.156%
85	12.415	1754	1756	1759	rBV	17741	16142	1.66%	0.148%
86	12.468	1763	1765	1770	rVB4	18994	27114	2.79%	0.248%
87	12.521	1772	1774	1778	rVV5	11699	13581	1.40%	0.124%
88	12.710	1804	1806	1809	rVB3	14316	12036	1.24%	0.110%
89	12.792	1816	1820	1823	rBV	456479	395667	40.67%	3.623%
90	12.974	1849	1851	1854	rBV3	21620	19543	2.01%	0.179%
91	13.839	1994	1998	2001	rBV	657503	643022	66.09%	5.889%
92	15.239	2232	2236	2240	rVB	453288	485971	49.95%	4.450%

Sum of corrected areas: 10919835

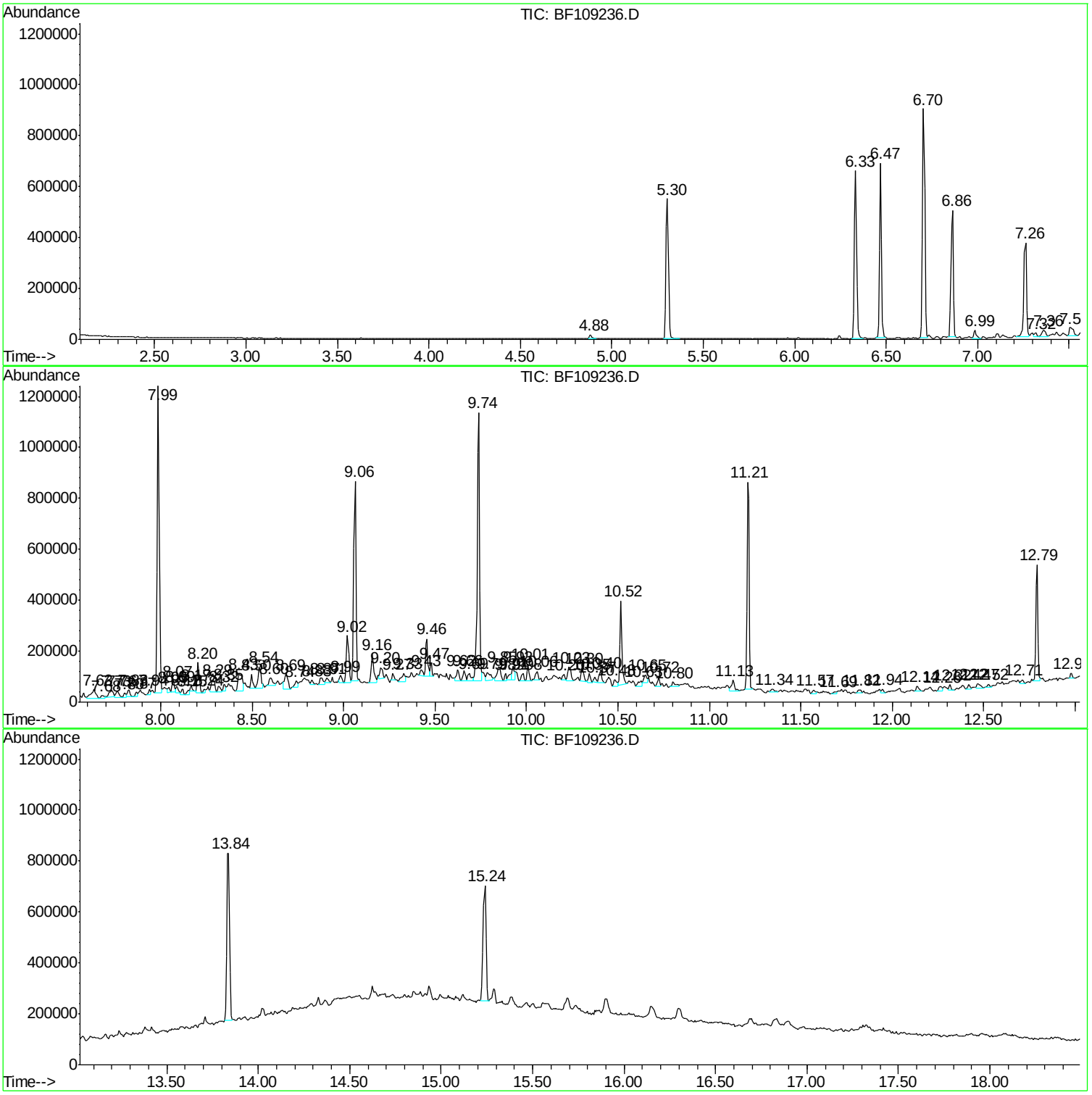
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-04-092018-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

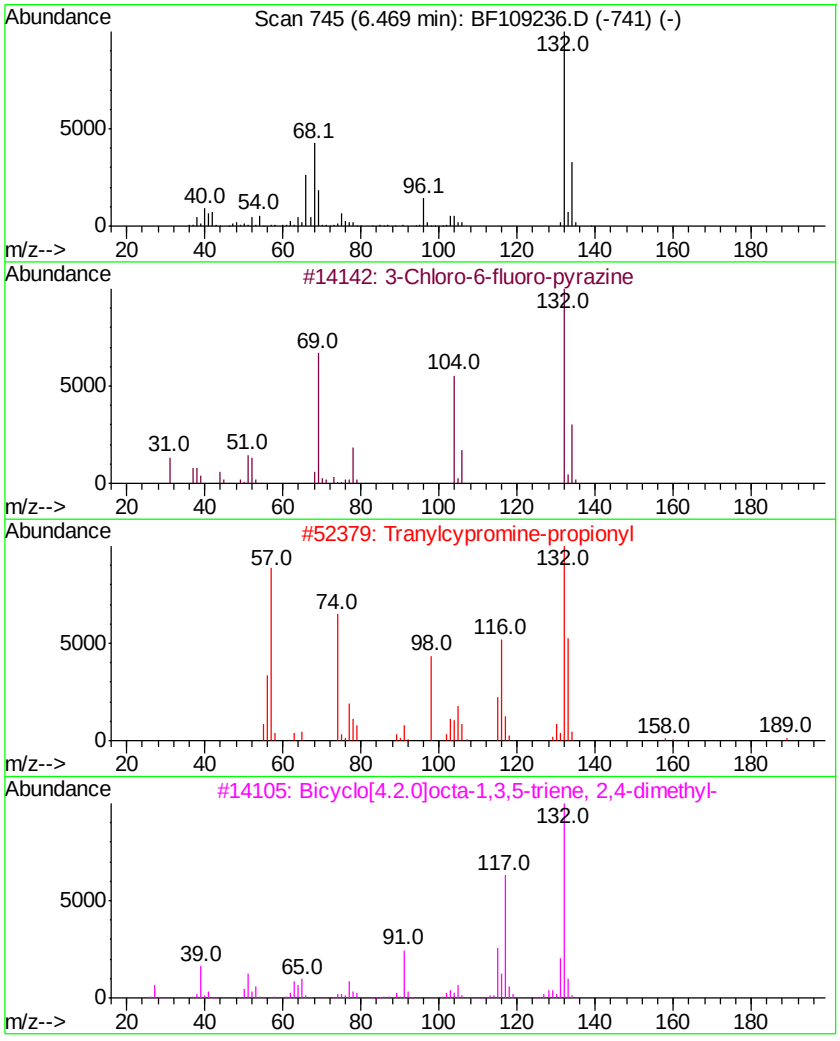
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

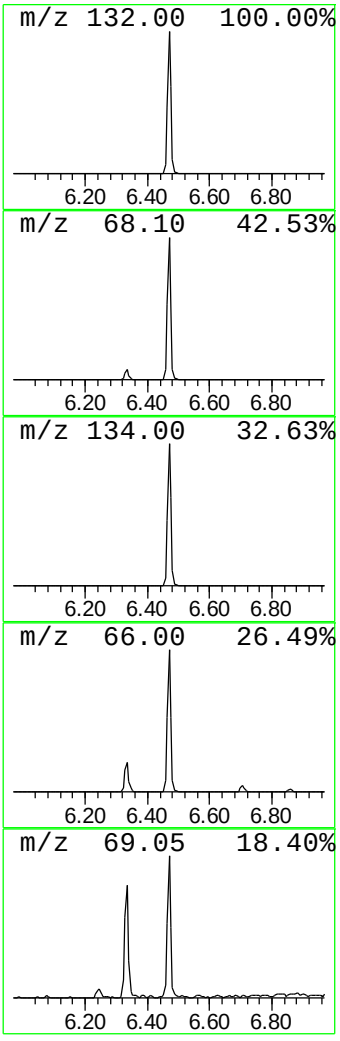
****

Peak Number 1 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	15.25 ng	541503	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

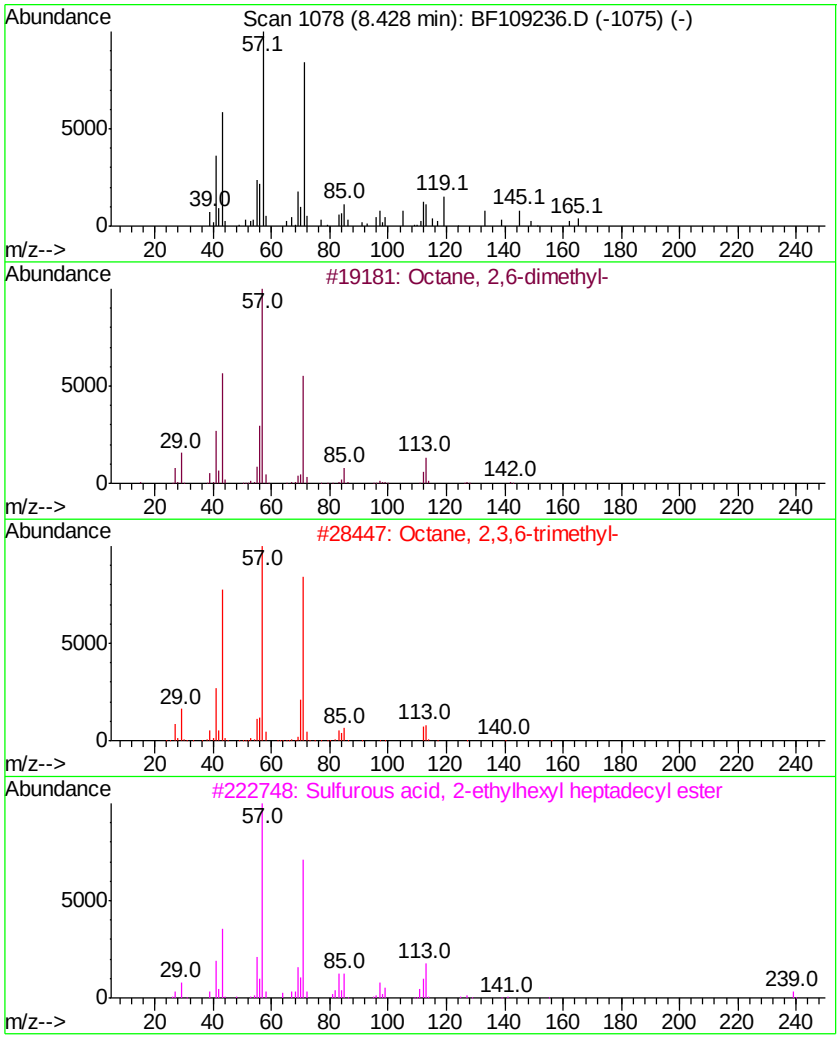
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

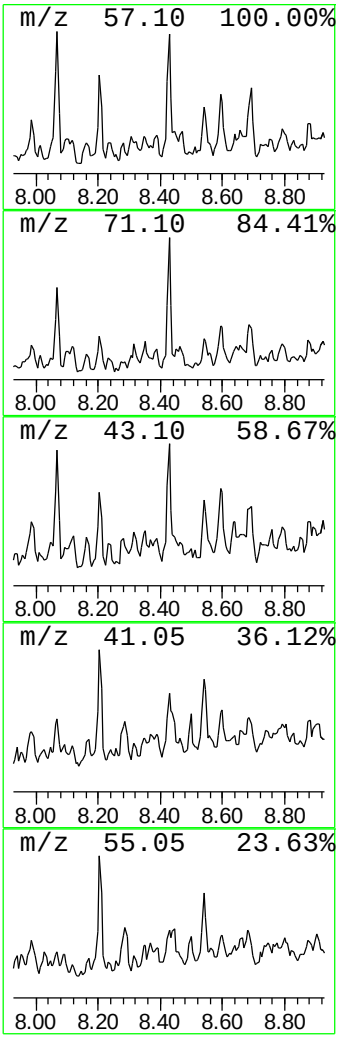
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	2.26 ng	106616	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
4	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	59
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

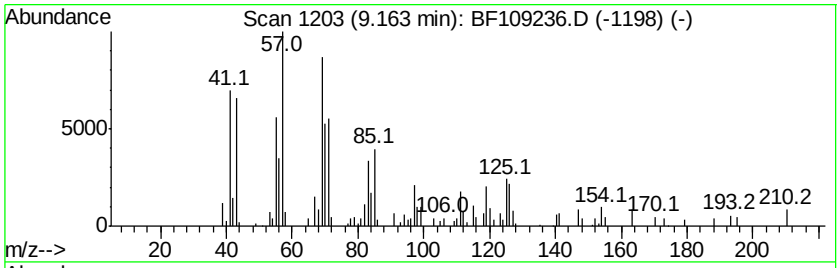
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

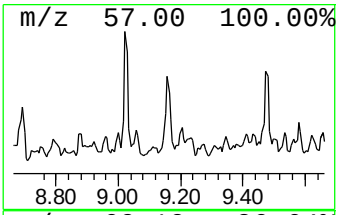
****

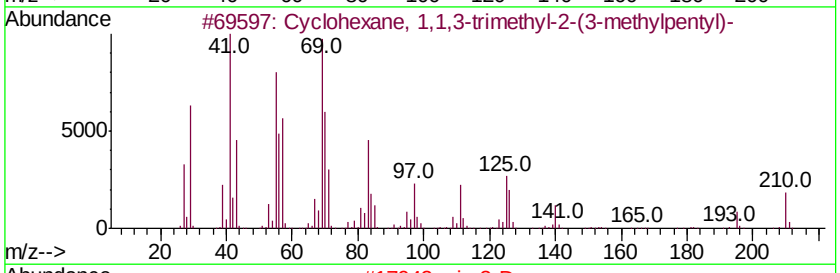
Peak Number 4 Cyclohexane, 1,1,3-trimethy... Concentration Rank 3

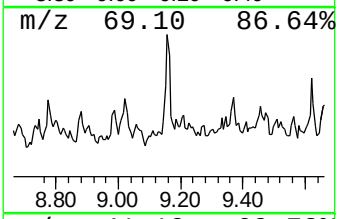
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	2.56 ng	124497	Acenaphthene-d10	9.74

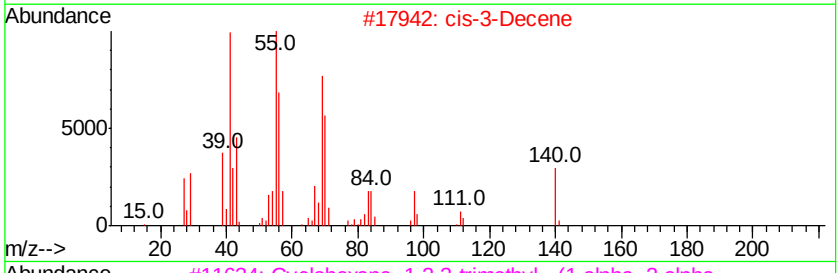
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-2-(...	210	C15H30	054965-05-8	95
2	cis-3-Decene	140	C10H20	019398-86-8	50
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	49
4	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	49

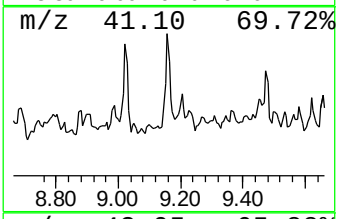


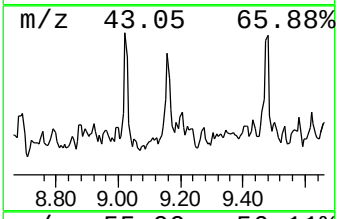


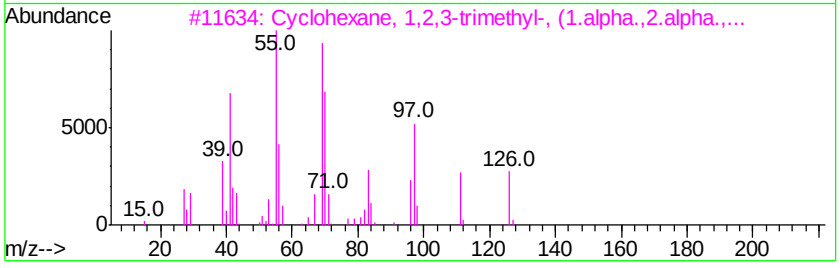


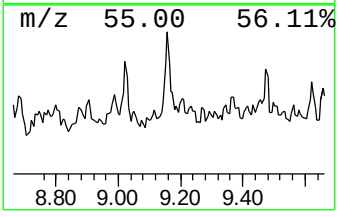












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092218\
Data File : BF109236.D
Acq On : 22 Sep 2018 21:55
Operator : JU/SJ
Sample : J4777-31 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-04-092018-D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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
unknown6.47	6.47	15.3	ng	541503	1	6.70	710247	20.0
Octane, 2,6-dimet...	8.43	2.3	ng	106616	2	7.99	942599	20.0
Cyclohexane, 1,1,...	9.16	2.6	ng	124497	3	9.74	972905	20.0