LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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-BF111214.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	1.613	43	46	49	rBV	481764	497417	11.02%	1.395%
2	1.773	57	60	63	rBV	130482	168300	3.73%	0.472%
3	1.967	74	77	83	rBV2	105942	176165	3.90%	0.494%
4	5.350	371	373	380	rVB	132426	177150	3.92%	0.497%
5	5.853	414	417	419	rBV	217106	295129	6.54%	0.828%
6	6.162	442	444	446	rVB	37190	48622	1.08%	0.136%
7	7.099	524	526	533	rBV	431831	432017	9.57%	1.212%
8	7.202	533	535	538	rBV	54125	137155	3.04%	0.385%
9	7.259	538	540	543	rVV	363594	382582	8.47%	1.073%
10	7.362	547	549	552	rBV	27919	58420	1.29%	0.164%
11	7.556	564	566	568	rVB	302865	336918	7.46%	0.945%
12	7.636	571	573	580	rBV	153494	321052	7.11%	0.900%
13	7.739	580	582	584	rVB	278901	248699	5.51%	0.697%
14	8.059	607	610	612	rBV	138470	190598	4.22%	0.535%
15	8.242	623	626	628	rVB	248974	238027	5.27%	0.668%
16	8.905	670	684	686	rBV	686759	3019104	66.86%	8.467%
17	8.996	689	692	702	rVB	263024	631718	13.99%	1.772%
18	9.133	702	704	706	rBV	560782	513005	11.36%	1.439%
19	9.248	712	714	720	rVB3	28173	70127	1.55%	0.197%
20	9.339	720	722	725	rBV	209134	268930	5.96%	0.754%
21	9.511	734	737	741	rBV	82200	137737	3.05%	0.386%
22	9.579	741	743	746	rVB	109032	106785	2.36%	0.299%
23	10.014	779	781	783	rVB	62218	52467	1.16%	0.147%
24	10.094	785	788	791	rBV	88764	148944	3.30%	0.418%
25	10.471	819	821	824	rVB	379557	510256	11.30%	1.431%
26	10.562	826	829	830	rVV	50440	66663	1.48%	0.187%
27	10.642	834	836	838	rVV	150608	155763	3.45%	0.437%
28	10.974	864	865	867	rVB	53944	60946	1.35%	0.171%
29	11.317	892	895	897	rBV	533734	576419	12.77%	1.617%
30	11.419	902	904	906	rBV	73021	65198	1.44%	0.183%
31	11.774	931	935	937	rBV2	39485	70057	1.55%	0.196%
32	11.819	937	939	942	rBV	87409	116487	2.58%	0.327%
33	11.865	942	943	947	rVV	85484	101426	2.25%	0.284%
34	11.979	951	953	955	rVB	35042	48253	1.07%	0.135%

LSC Area Percent Report

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Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.105	959	964	967	rBV4	31672	85802	1.90%	0.241%
36	12.208	971	973	976	rBV	323665	398109	8.82%	1.116%
37	12.265	976	978	979	rBV2	29327	47343	1.05%	0.133%
38	12.288	979	980	983	rVB2	275536	331713	7.35%	0.930%
39	12.368	983	987	991	rBV2	110986	138355	3.06%	0.388%
40	12.505	995	999	1001	rBV4	80334	173476	3.84%	0.487%
41	12.585	1004	1006	1009	rBV	537632	551843	12.22%	1.548%
42	12.722	1016	1018	1020	rVB3	154739	167007	3.70%	0.468%
43	12.757	1020	1021	1025	rBV3	64096	135391	3.00%	0.380%
44	12.894	1032	1033	1036	rVB	125607	139285	3.08%	0.391%
45	13.042	1043	1046	1048	rBV	224114	263763	5.84%	0.740%
46	13.100	1048	1051	1053	rBV	551234	645570	14.30%	1.810%
47	13.168	1054	1057	1059	rBV	430222	584152	12.94%	1.638%
48	13.237	1061	1063	1068	rBV	121390	221572	4.91%	0.621%
49	13.340	1068	1072	1073	rBV2	124416	202048	4.47%	0.567%
50	13.557	1090	1091	1095	rVB2	128683	150611	3.34%	0.422%
51	13.717	1103	1105	1108	rBV	118651	131156	2.90%	0.368%
52	13.774	1108	1110	1113	rBV3	37583	76258	1.69%	0.214%
53	13.865	1113	1118	1122	rVV3	324079	862267	19.10%	2.418%
54	13.945	1122	1125	1128	rVB3	153305	226643	5.02%	0.636%
55	14.071	1134	1136	1138	rBV2	65655	101669	2.25%	0.285%
56	14.197	1144	1147	1148	rBV3	38497	59327	1.31%	0.166%
57	14.231	1148	1150	1153	rVB4	45641	67729	1.50%	0.190%
58	14.323	1156	1158	1161	rBV	133733	286138	6.34%	0.802%
59	14.368	1161	1162	1164	rVB	79702	84654	1.87%	0.237%
60	14.448	1166	1169	1174	rVB2	107772	179714	3.98%	0.504%
61	14.563	1174	1179	1182	rBV3	78038	263798	5.84%	0.740%
62	14.608	1182	1183	1187	rVV2	46366	89740	1.99%	0.252%
63	14.677	1187	1189	1192	rVB	57317	79322	1.76%	0.222%
64	14.768	1194	1197	1199	rBV	3733298	4515491	100.00%	12.663%
65	14.848	1202	1204	1207	rBV2	123848	168692	3.74%	0.473%
66	14.951	1210	1213	1216	rVB3	137787	236239	5.23%	0.663%
67	15.020	1217	1219	1224	rBV2	309885	478573	10.60%	1.342%
68	15.111	1224	1227	1228	rBV2	49045	99508	2.20%	0.279%
69	15.157	1228	1231	1234	rVB2	640691	1137335	25.19%	3.190%
70	15.225	1234	1237	1240	rBV	3233139	3376788	74.78%	9.470%
71	15.420	1251	1254	1255	rBV	58373	73316	1.62%	0.206%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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-BF111214.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.500	1258	1261	1263	rVV	252111	358110	7.93%	1.004%
73	15.557	1263	1266	1268	rVV	310475	353733	7.83%	0.992%
74	15.648	1272	1274	1276	rVV	156198	152365	3.37%	0.427%
75	15.694	1276	1278	1281	rVV	255146	325958	7.22%	0.914%
76	15.763	1281	1284	1287	rBV2	306109	499093	11.05%	1.400%
77	15.911	1294	1297	1299	rBV	85352	132121	2.93%	0.371%
78	15.968	1299	1302	1303	rVV	110738	162405	3.60%	0.455%
79	16.071	1308	1311	1312	rBV2	76060	120058	2.66%	0.337%
80	16.174	1318	1320	1323	rVB	93317	103155	2.28%	0.289%
81	16.243	1324	1326	1329	rBV	315472	457262	10.13%	1.282%
82	16.334	1332	1334	1336	rVV2	146680	201979	4.47%	0.566%
83	16.426	1340	1342	1344	rVV	242669	343980	7.62%	0.965%
84	16.471	1344	1346	1347	rVV	521170	691722	15.32%	1.940%
85	16.494	1347	1348	1350	rVB	1006773	976211	21.62%	2.738%
86	16.563	1350	1354	1357	rBV3	88090	172638	3.82%	0.484%
87	16.711	1365	1367	1369	rVB	74291	85650	1.90%	0.240%
88	16.746	1369	1370	1372	rBV2	83901	76739	1.70%	0.215%
89	17.043	1393	1396	1399	rBV	856096	964878	21.37%	2.706%
90	17.180	1404	1408	1410	rBV2	97172	203573	4.51%	0.571%
91	17.557	1439	1441	1443	rVB2	95037	127209	2.82%	0.357%
92	17.660	1447	1450	1452	rBV	104682	201478	4.46%	0.565%
93	17.969	1475	1477	1479	rBV2	110750	134792	2.99%	0.378%
94	18.174	1493	1495	1499	rVB2	109720	200132	4.43%	0.561%
95	18.266	1501	1503	1506	rVV	380545	554825	12.29%	1.556%
96	18.380	1511	1513	1516	rVB2	107999	219680	4.87%	0.616%
97	18.849	1551	1554	1559	rBV2	214010	579180	12.83%	1.624%

Sum of corrected areas: 35657859

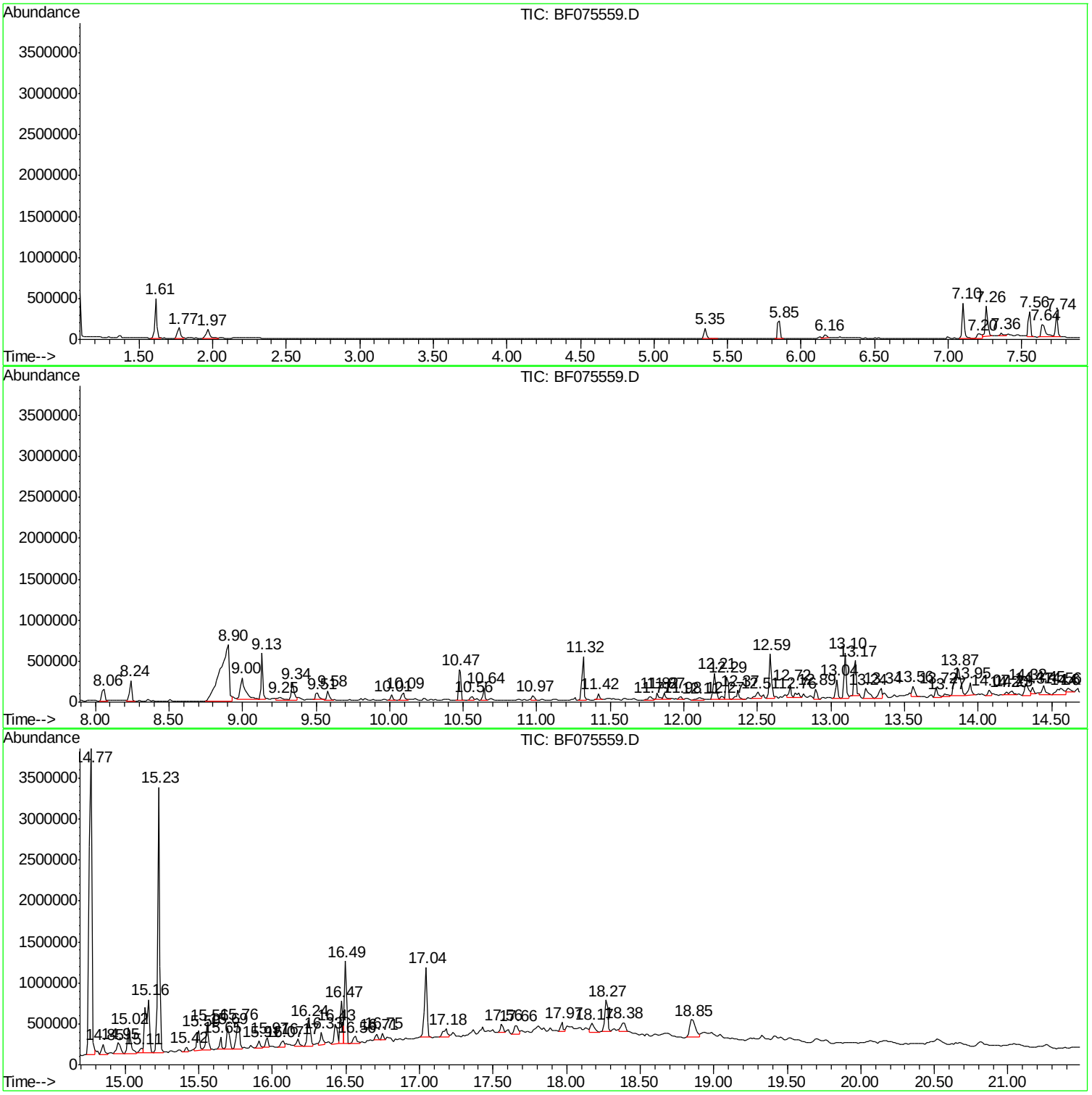
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

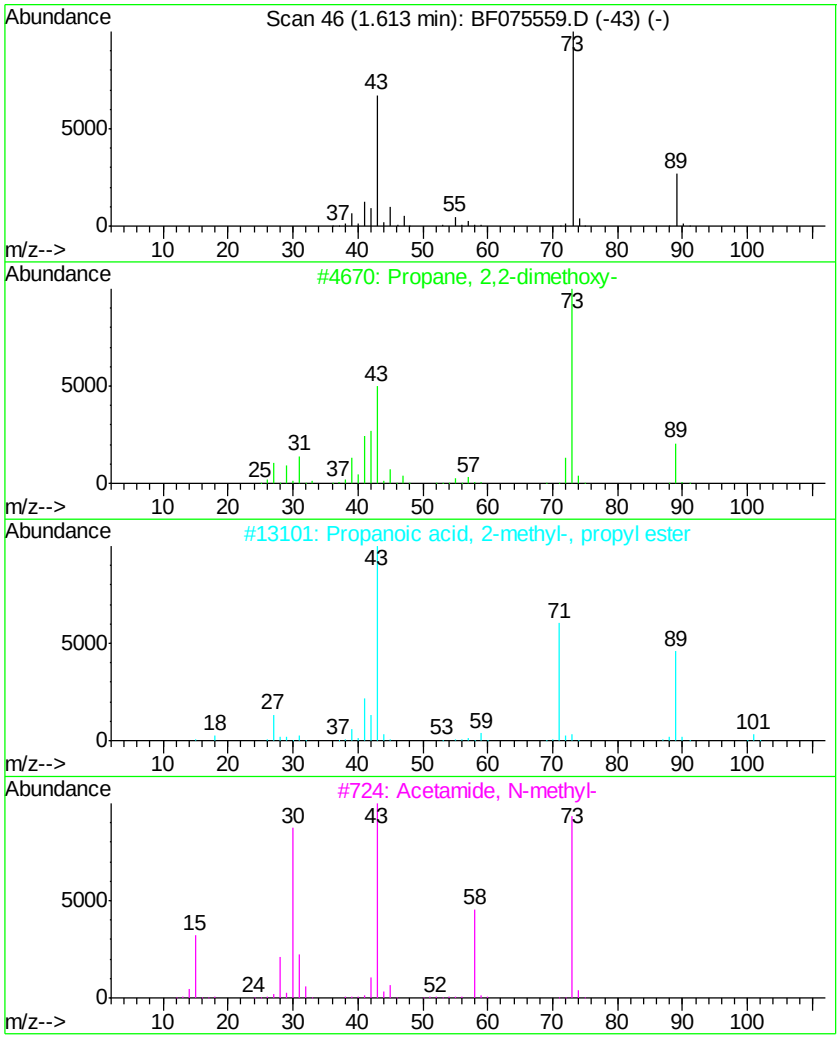
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

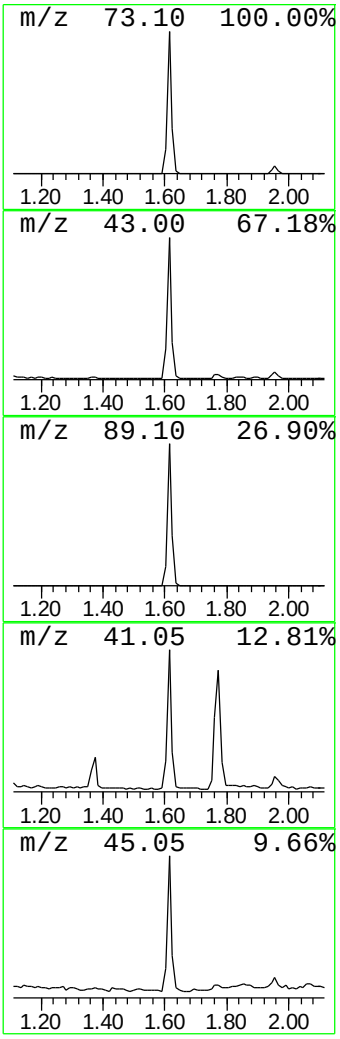
****

Peak Number 1 unknown1.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.61	29.53 ng	497417	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	17
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

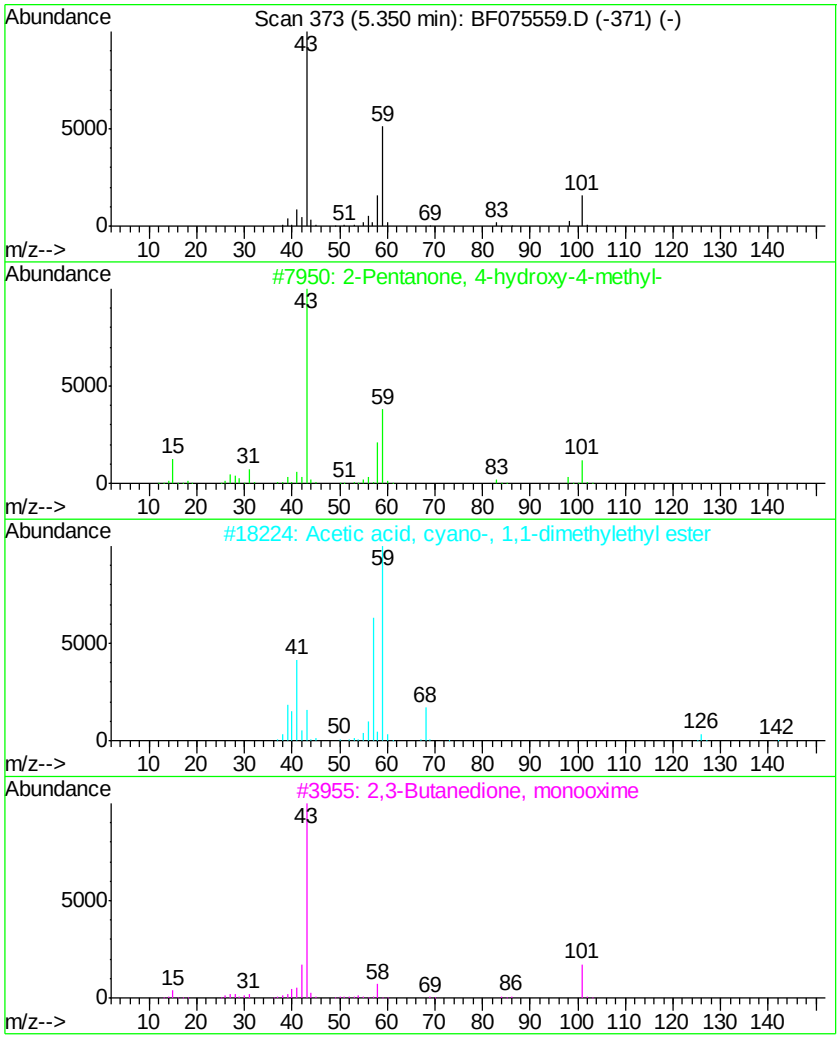
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

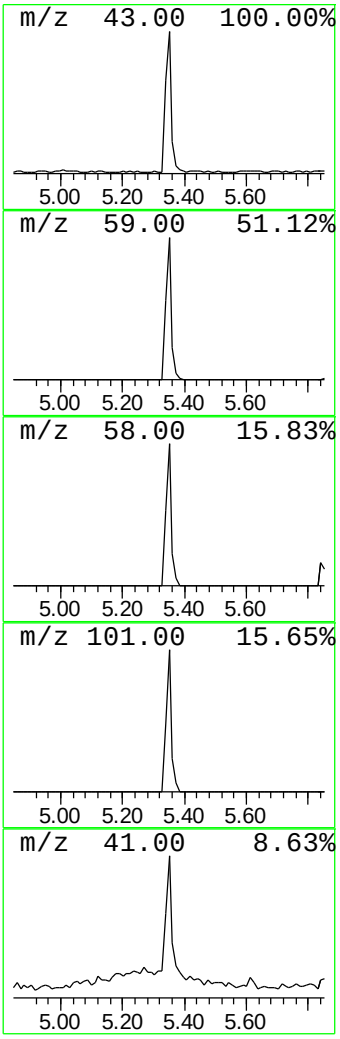
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	10.52 ng	177150	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	3-Heptanol	116	C7H16O	000589-82-2	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

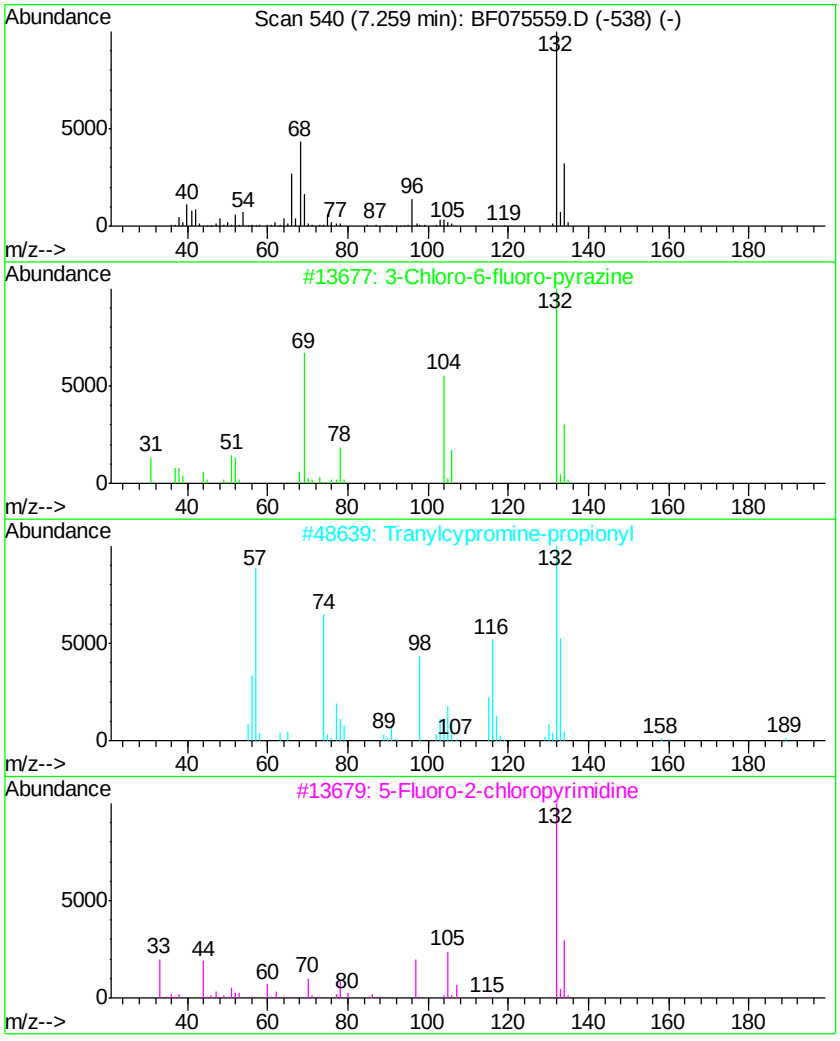
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

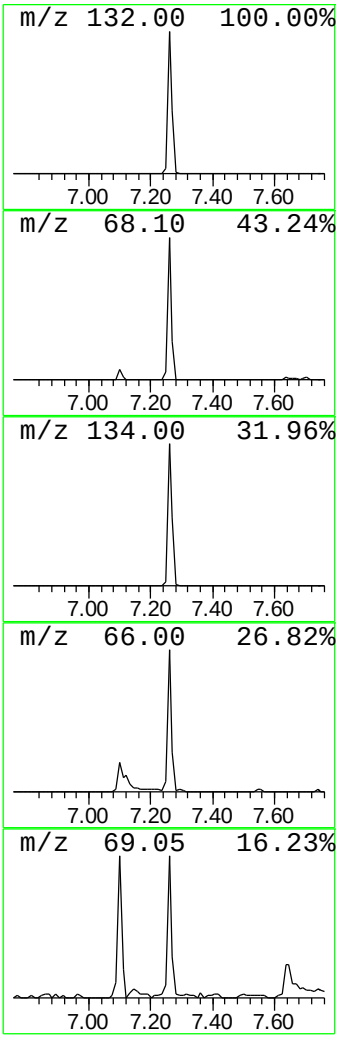
****

Peak Number 4 unknown7.26 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	22.71 ng	382582	1,4-Dichlorobenzene-d4	7.56

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

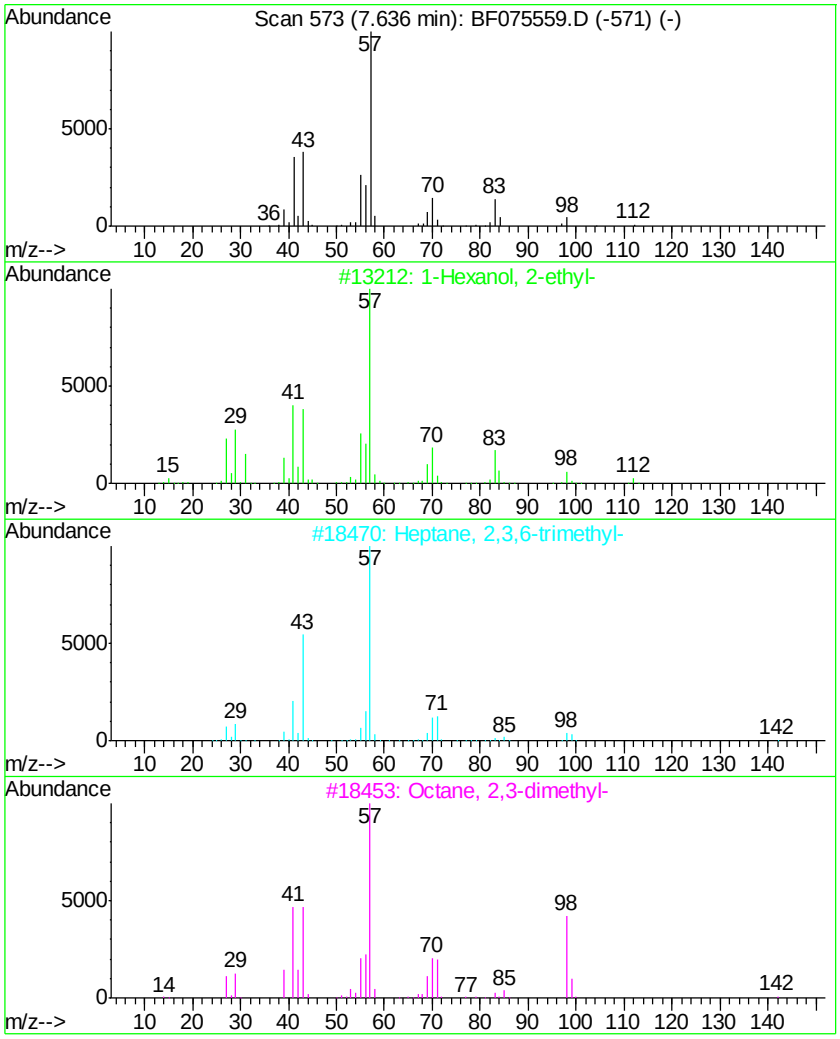
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

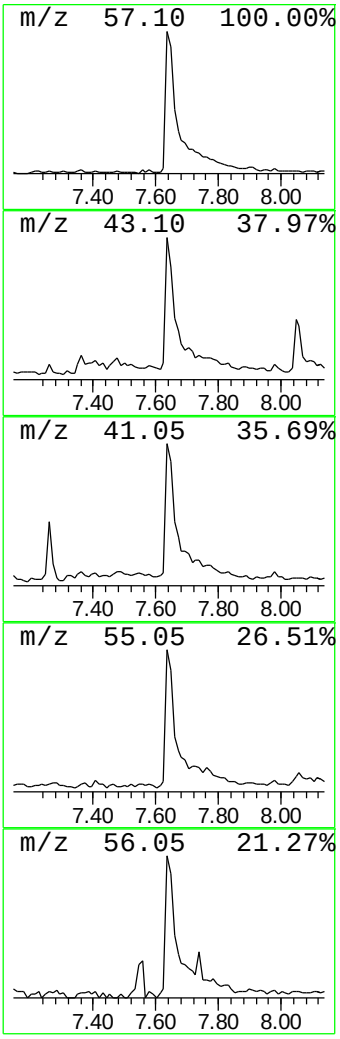
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	19.06 ng	321052	1,4-Dichlorobenzene-d4	7.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
5	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	45





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Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

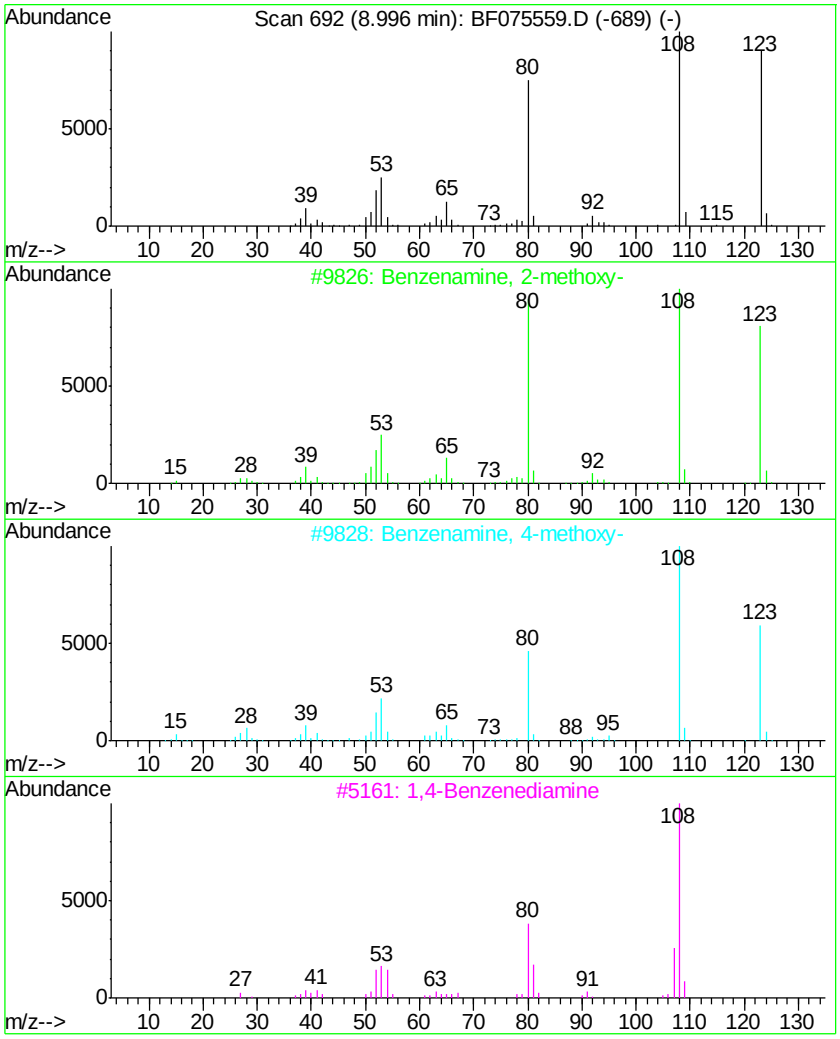
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

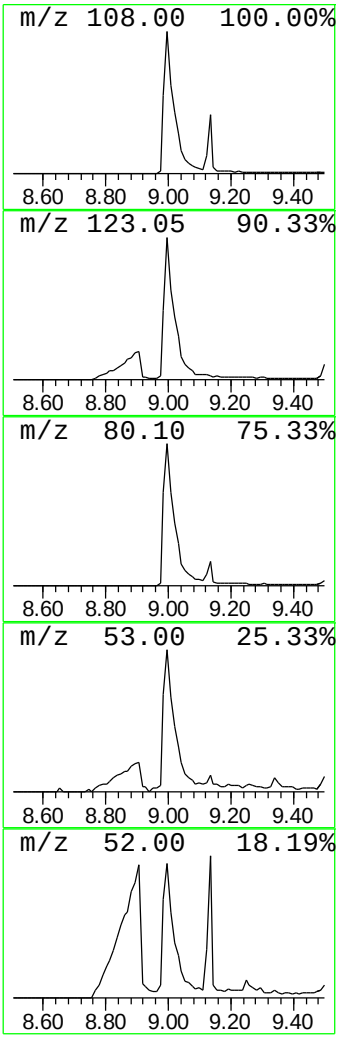
****

Peak Number 7 Benzenamine, 2-methoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	24.63 ng	631718	Naphthalene-d8	9.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 2-methoxy-	123	C7H9NO	000090-04-0	96
2	Benzenamine, 4-methoxy-	123	C7H9NO	000104-94-9	72
3	1,4-Benzenediamine	108	C6H8N2	000106-50-3	72
4	Pyrazinamide	123	C5H5N3O	000098-96-4	64
5	1,2-Benzenediamine	108	C6H8N2	000095-54-5	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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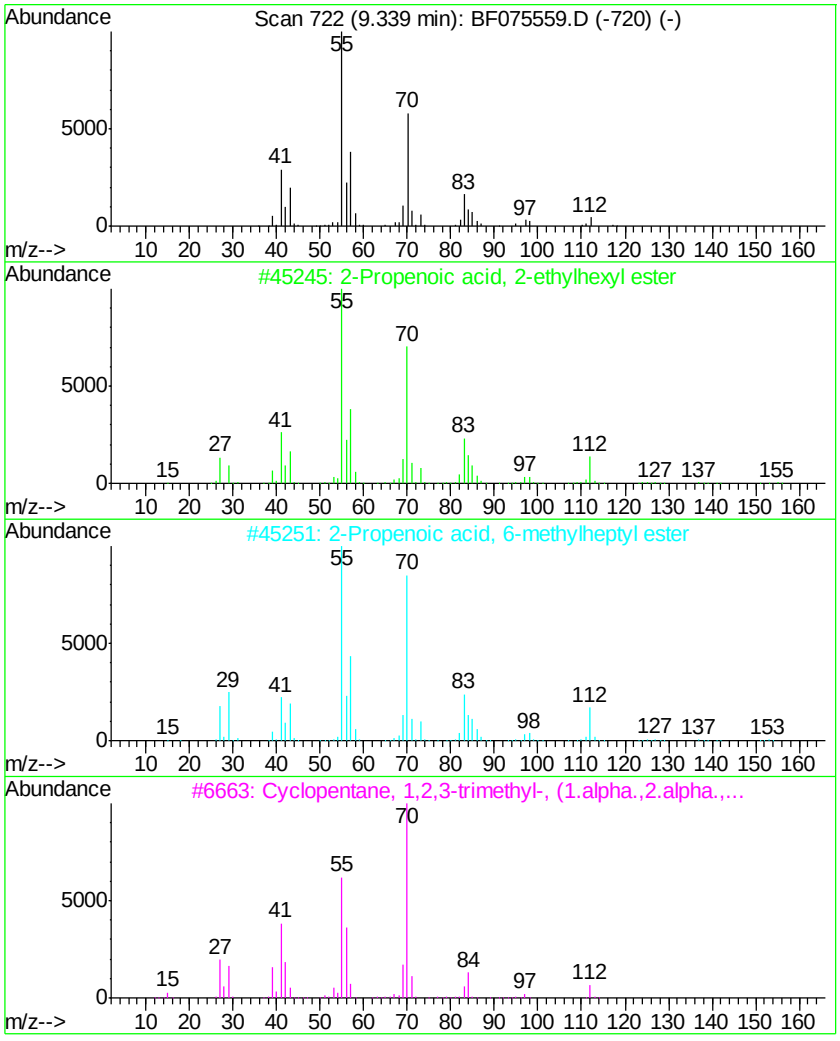
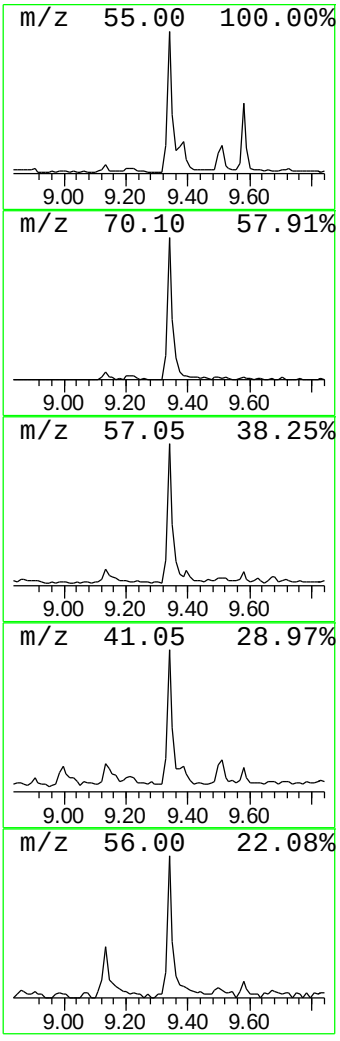
Peak Number 8 2-Propenoic acid, 2-ethylhe... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	10.48 ng	268930	Naphthalene-d8	9.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-ethylhexyl e...	184	C11H20O2	000103-11-7	83
2	2-Propenoic acid, 6-methylheptyl...	184	C11H20O2	054774-91-3	83
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53
4	Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	47
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	47





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Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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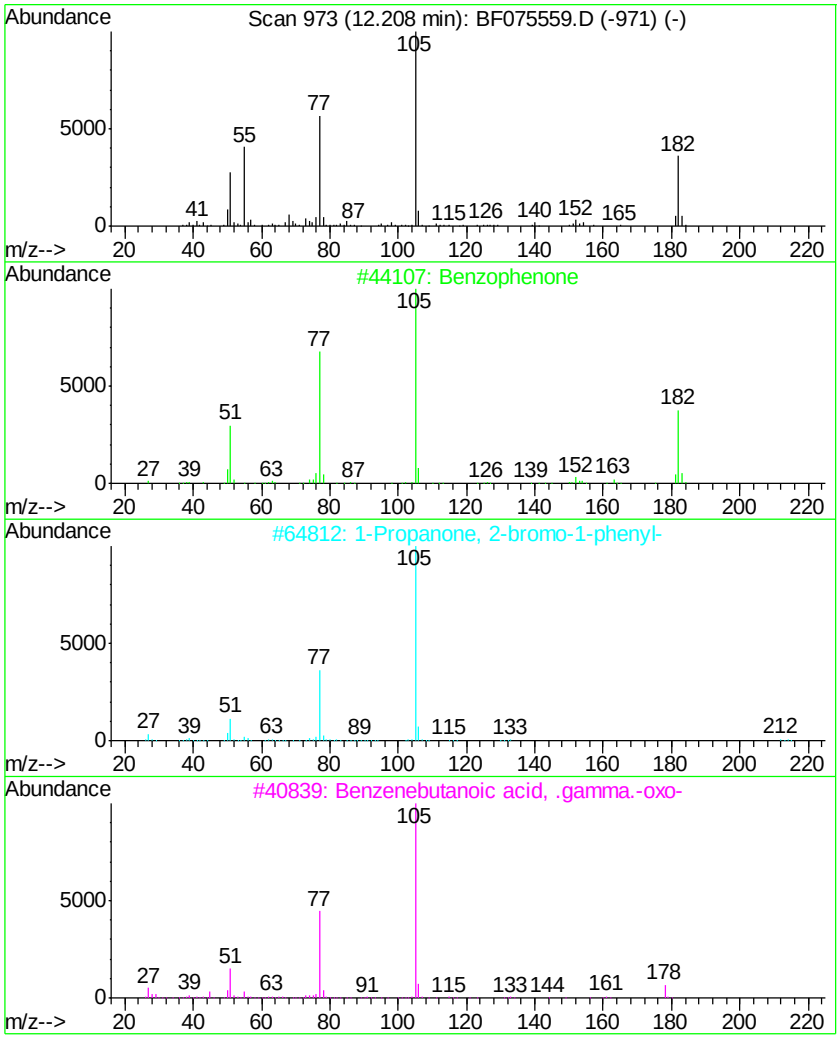
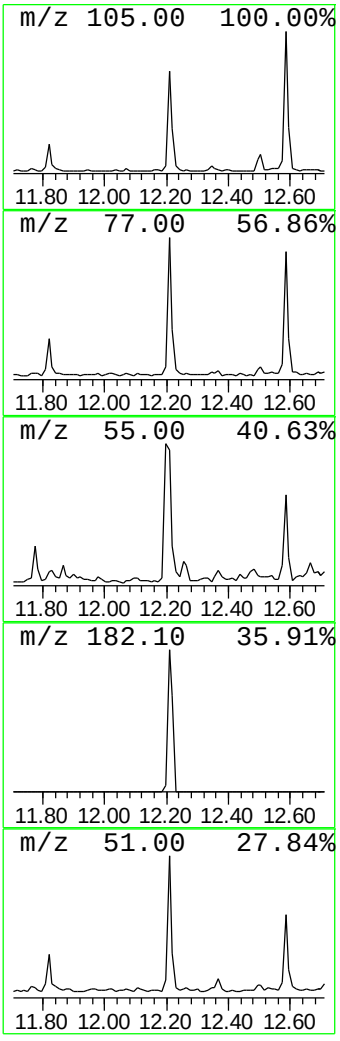
Peak Number 9 Benzophenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	13.81 ng	398109	Acenaphthene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	53
3	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	53
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	50





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Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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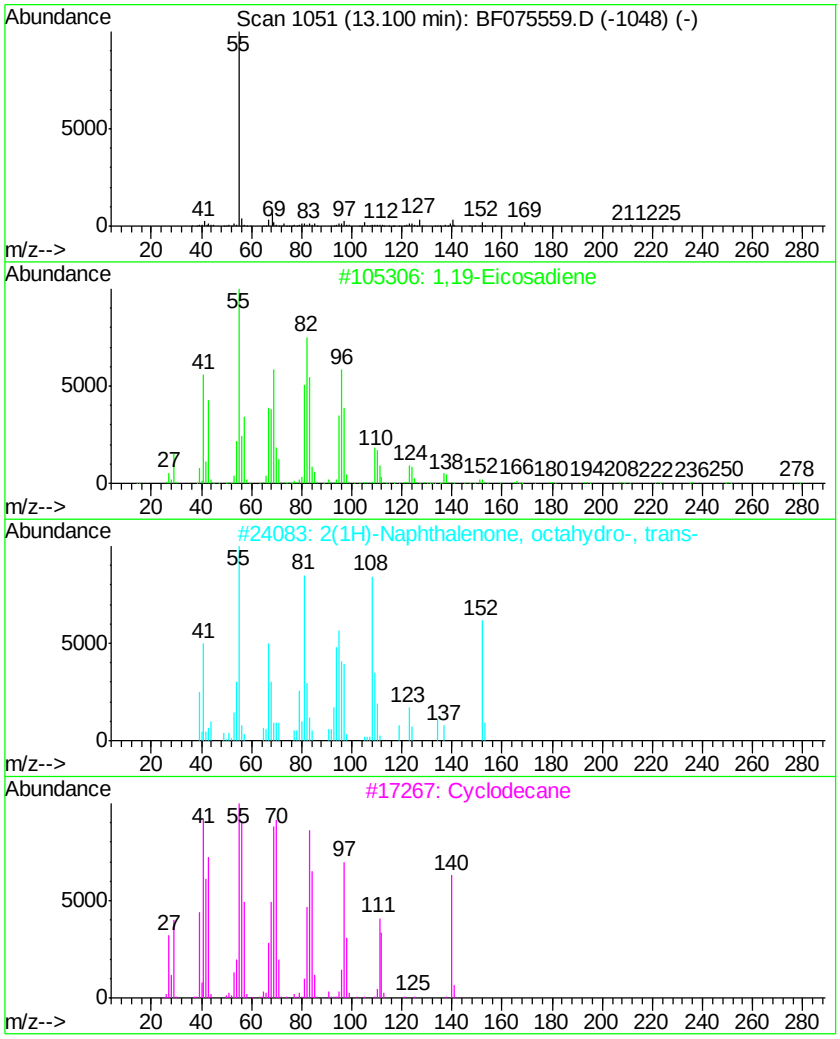
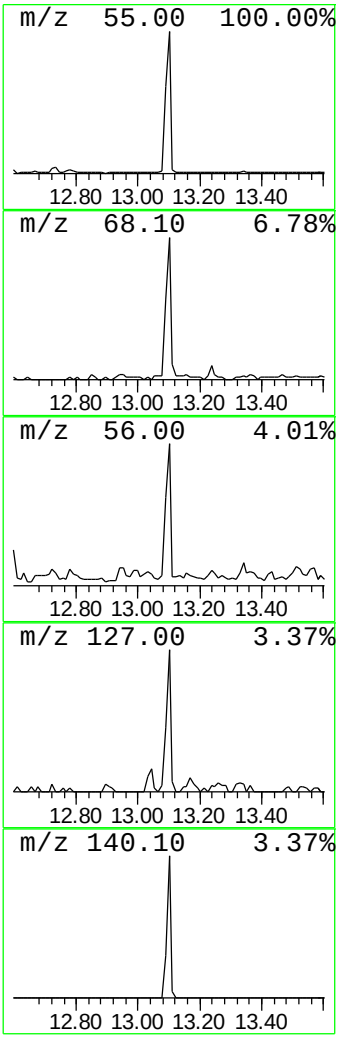
Peak Number 11 unknown13.10 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	22.10 ng	645570	Phenanthrene-d10	13.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	14
2	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	14
3	Cyclodecane	140	C10H20	000293-96-9	10
4	Cyclohexane, 1-isopropyl-3-methy...	140	C10H20	1000158-54-3	9
5	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	9





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Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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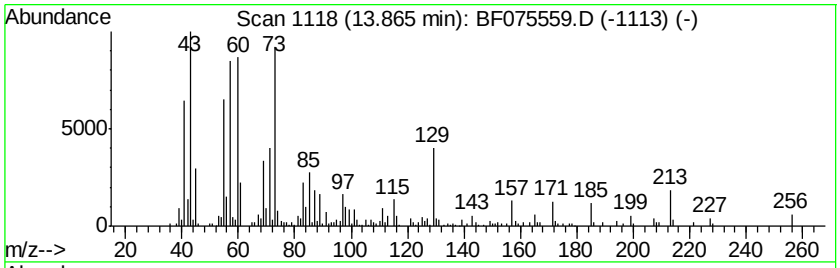
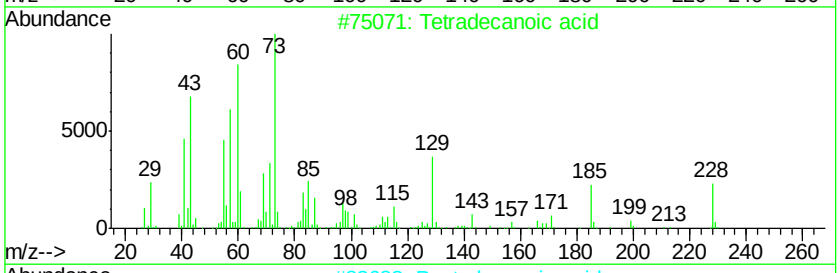
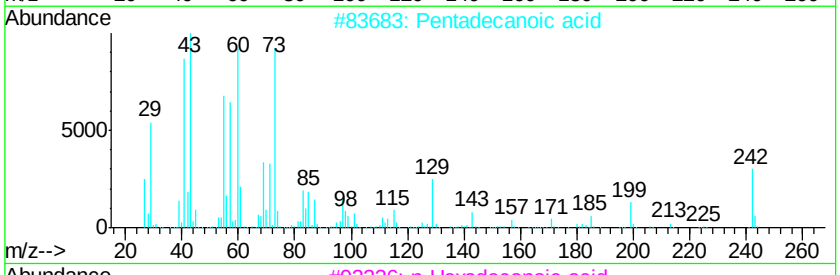
Peak Number 12 Tetradecanoic acid Concentration Rank 4

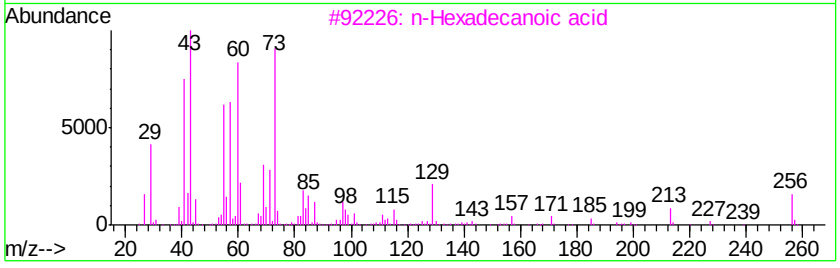
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	29.52 ng	862267	Phenanthrene-d10	13.17

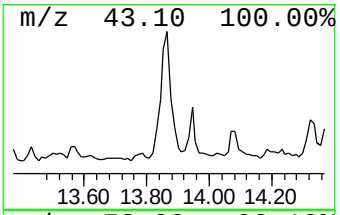
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70

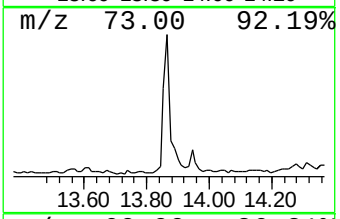


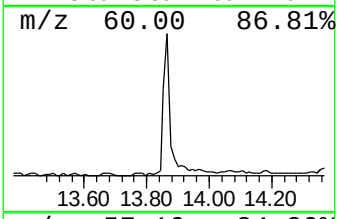


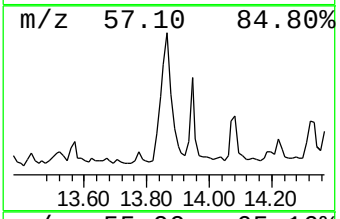


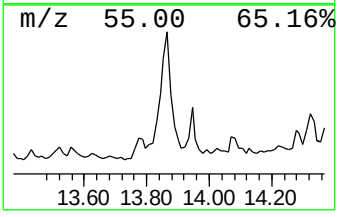












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Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

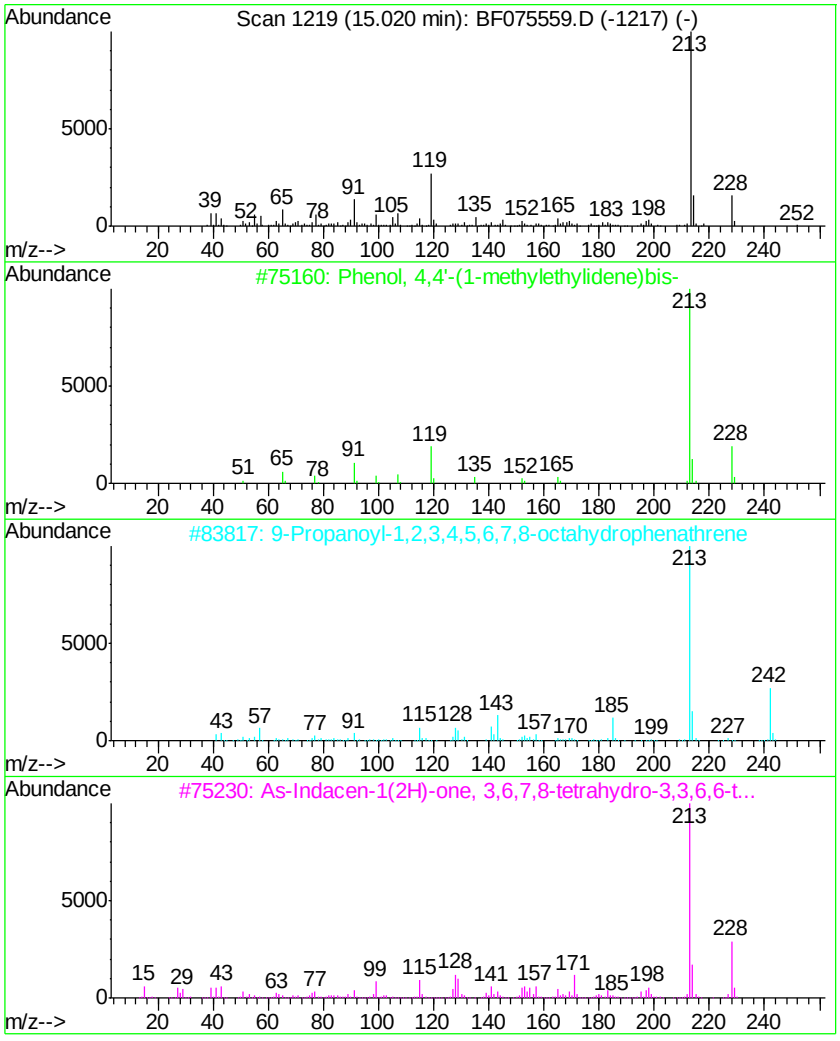
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

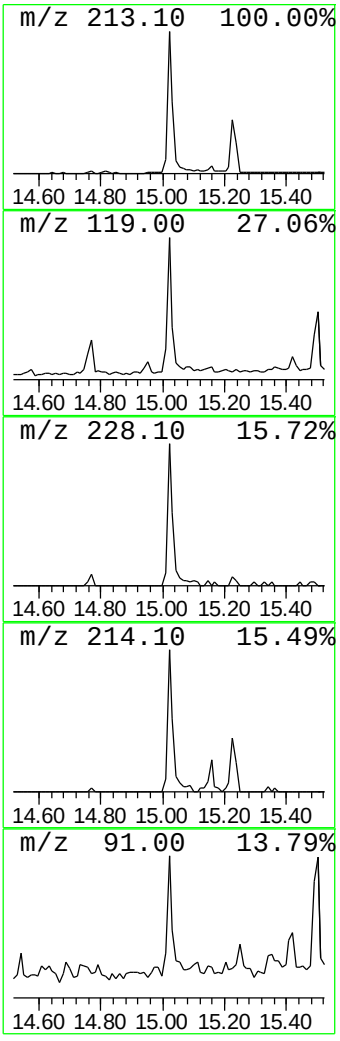
****

Peak Number 14 Phenol, 4,4'-(1-methylethyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	13.84 ng	478573	Chrysene-d12	16.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	9-Propanoyl-1,2,3,4,5,6,7,8-octa...	242	C17H22O	1000255-01-4	53
3	As-Indacen-1(2H)-one, 3,6,7,8-te...	228	C16H20O	055591-18-9	49
4	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	45
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	42





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Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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TIC Library : C:\DATABASE\NIST02.L
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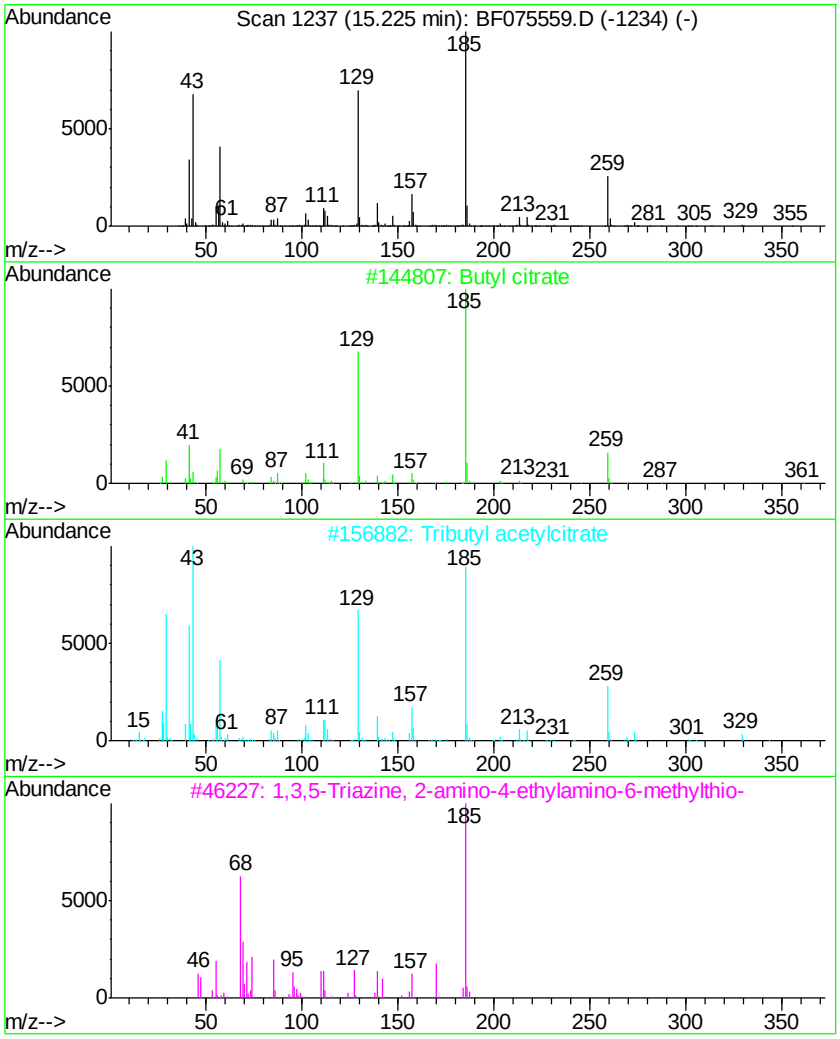
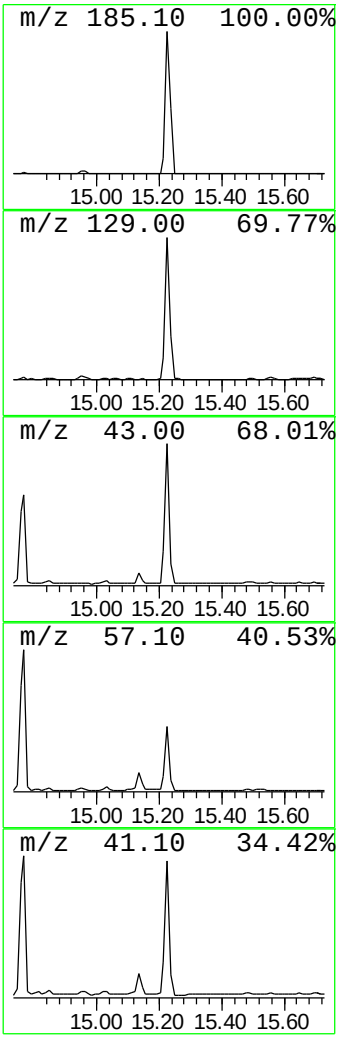
Peak Number 15 Butyl citrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	97.63 ng	3376790	Chrysene-d12	16.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	80
2	Tributyl acetylcitrate	402	C20H34O8	000077-90-7	60
3	1,3,5-Triazine, 2-amino-4-ethyla...	185	C6H11N5S	004147-58-4	43
4	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	42
5	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	37





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Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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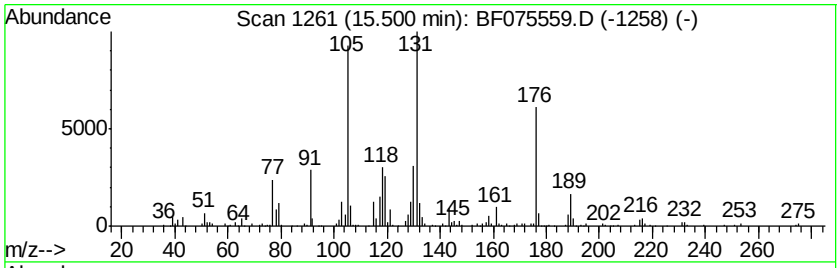
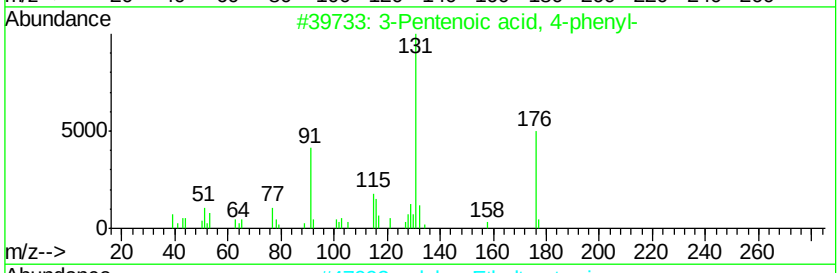
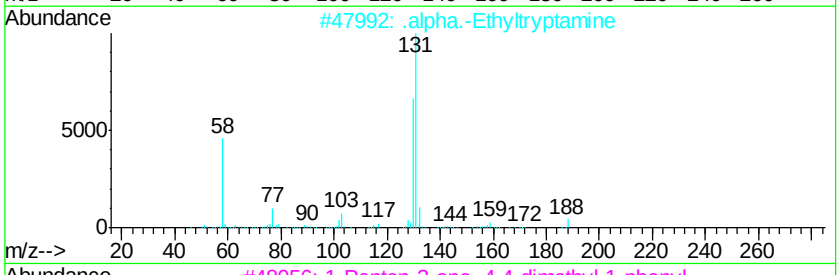
Peak Number 16 unknown15.50 Concentration Rank 20

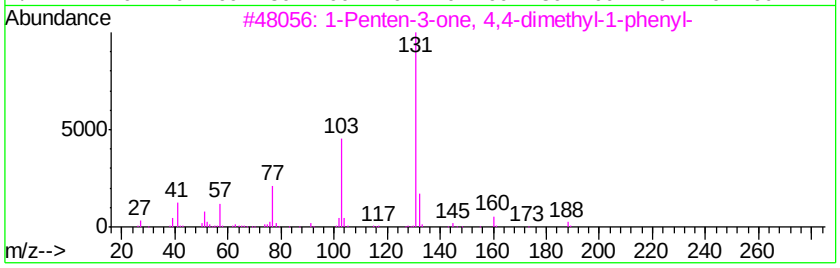
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	10.35 ng	358110	Chrysene-d12	16.47

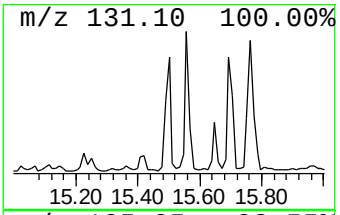
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	49
2	.alpha.-Ethyltryptamine	188	C12H16N2	002235-90-7	25
3	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	22
4	Indolizine, 5-methyl-	131	C9H9N	001761-19-9	22
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	22

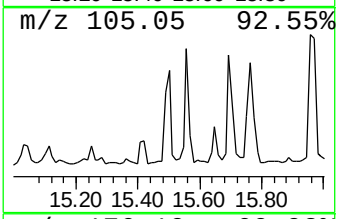


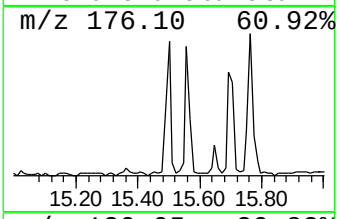


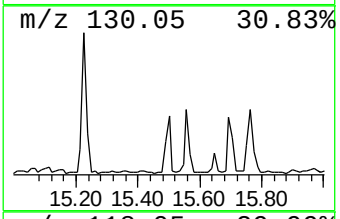


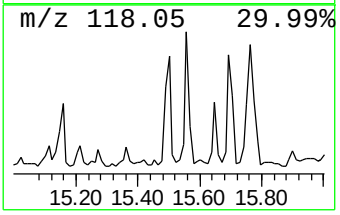












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Sample : F4693-02
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TIC Integration Parameters: LSCINT.P

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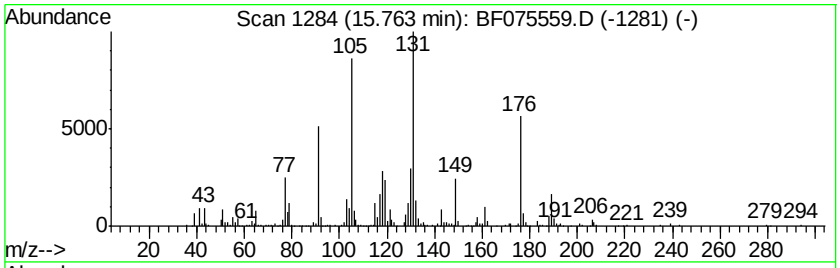
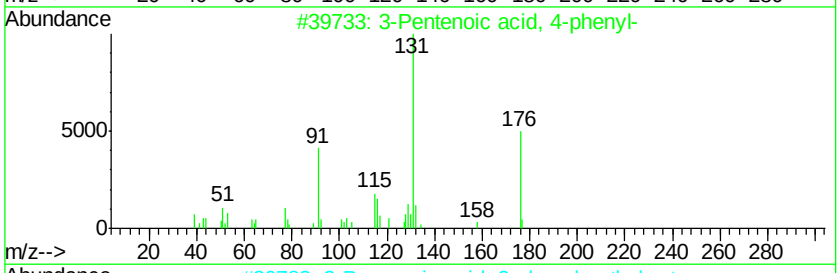
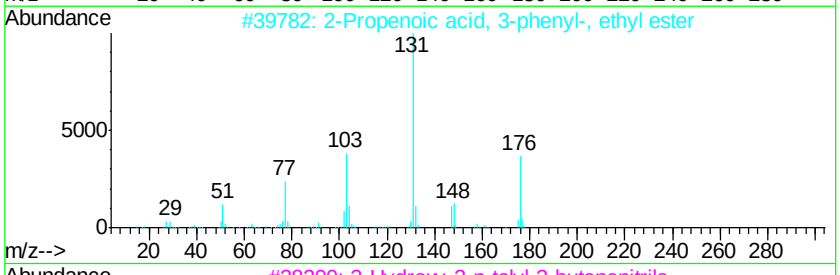
Peak Number 17 unknown15.76 Concentration Rank 13

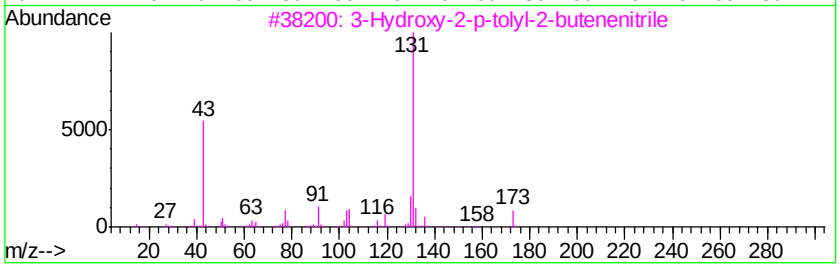
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	14.43 ng	499093	Chrysene-d12	16.47

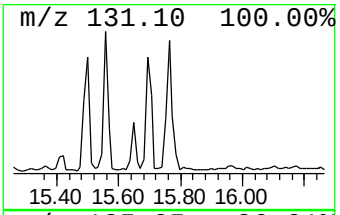
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	46
2	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	43
3	3-Hydroxy-2-p-tolyl-2-butenenitrile	173	C11H11NO	1000243-87-8	35
4	Benzoic acid, 2-(1-methylethyl)-	164	C10H12O2	002438-04-2	35
5	1-Penten-3-one, 4,4-dimethyl-1-p...	188	C13H16O	000538-44-3	30

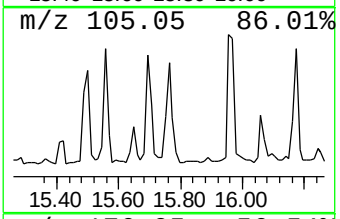


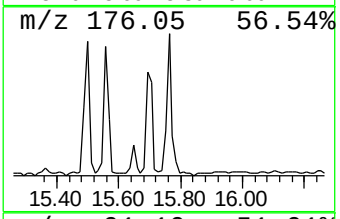


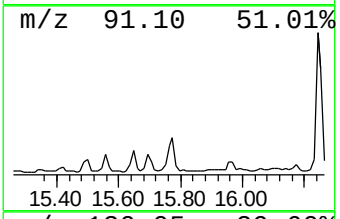


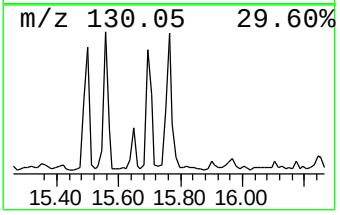












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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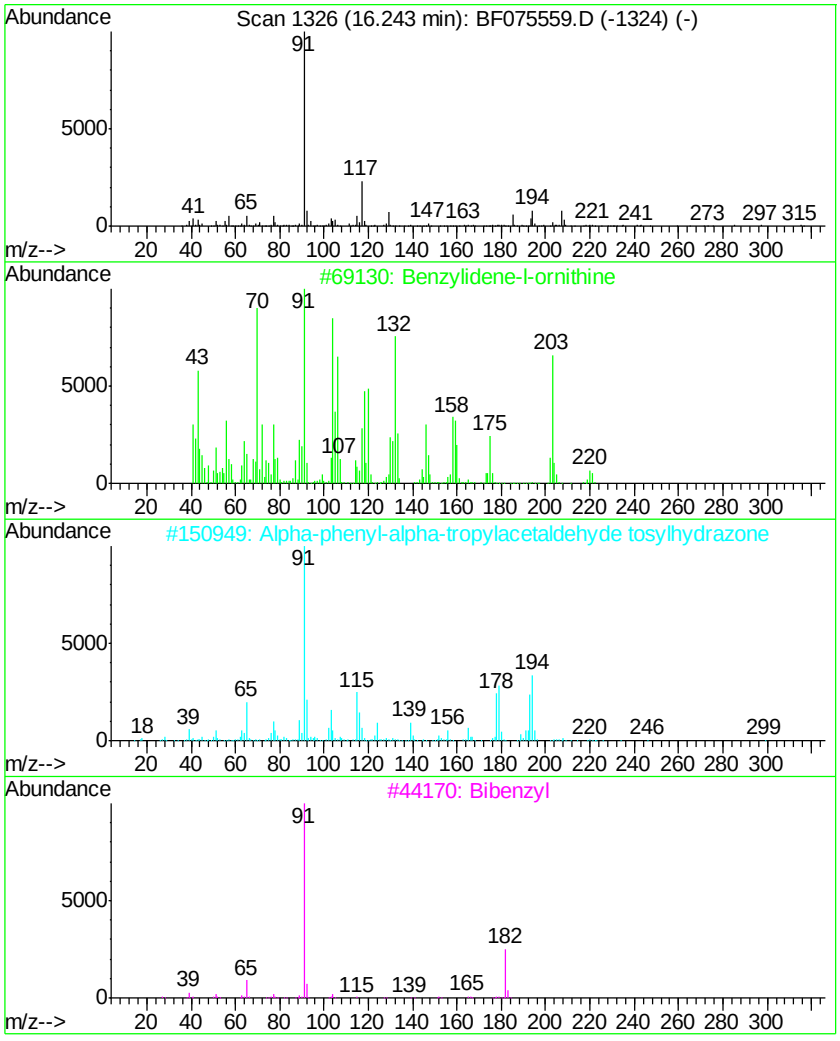
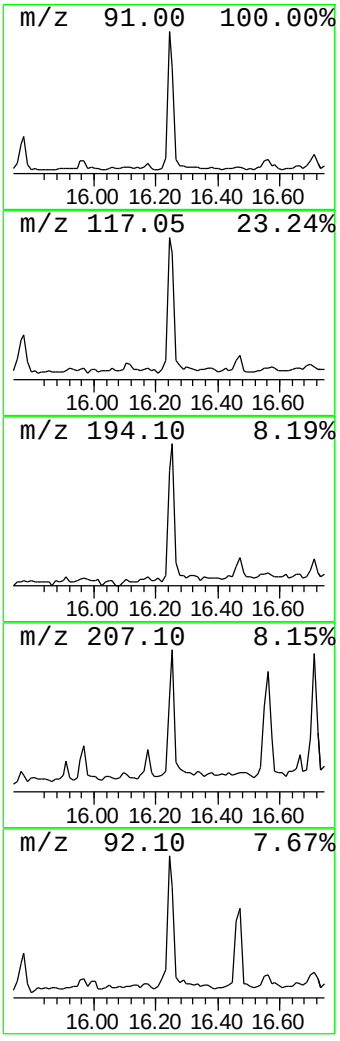
Peak Number 18 unknown16.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	13.22 ng	457262	Chrysene-d12	16.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzylidene-l-ornithine	220	C12H16N2O2	025693-00-9	25
2	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	22
3	Bibenzyl	182	C14H14	000103-29-7	14
4	Anisole, 2-(benzyloxy)-5-(2-nitr...	285	C16H15NO4	001860-56-6	14
5	.beta.-l-Rhamnopyranoside, pheny...	368	C21H25BO5	1000154-63-9	14





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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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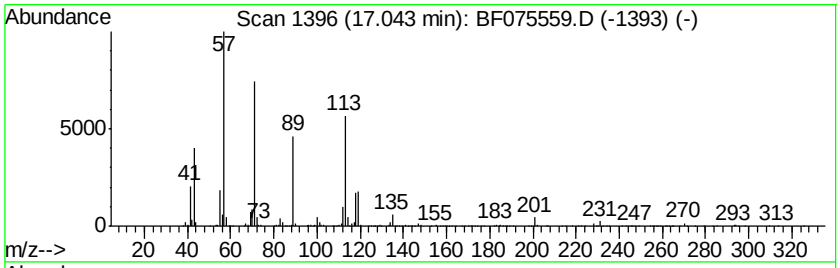
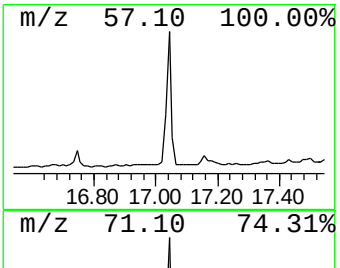
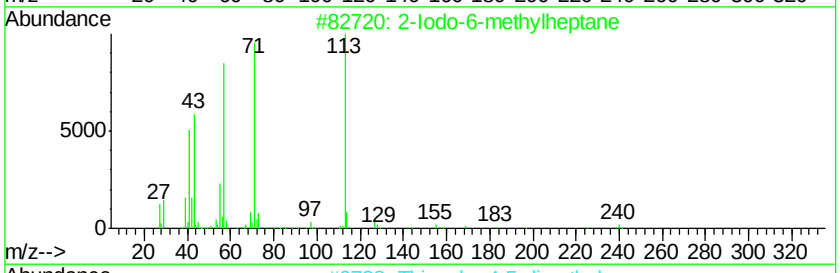
Peak Number 19 2-Iodo-6-methylheptane Concentration Rank 5

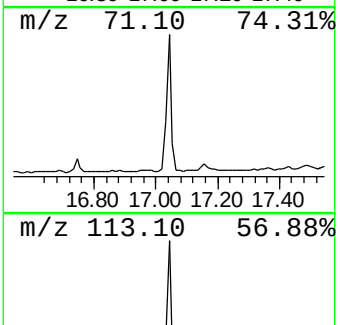
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	27.90 ng	964878	Chrysene-d12	16.47

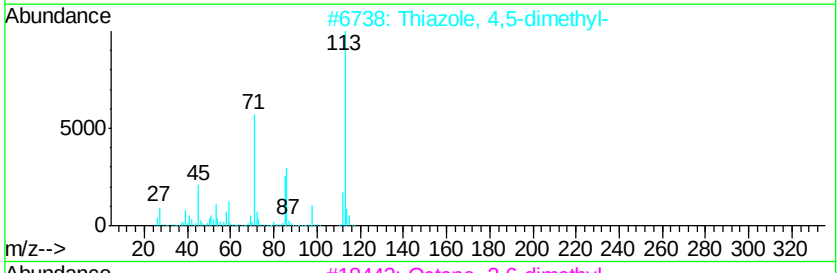
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Iodo-6-methylheptane	240	C8H17I	088373-60-8	50
2	Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	47
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	43
4	Octane, 2-bromo-	192	C8H17Br	000557-35-7	40
5	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	38

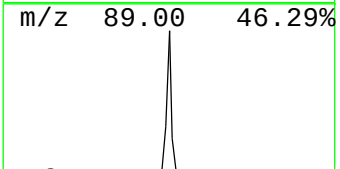


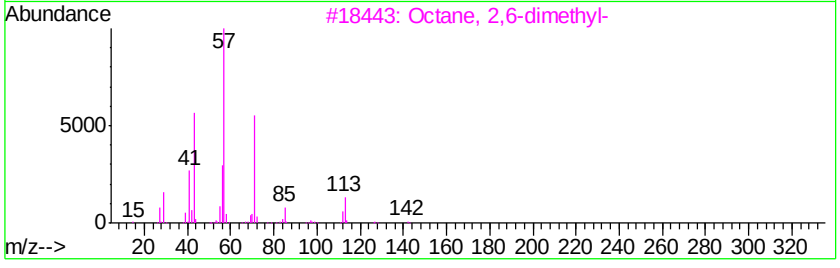


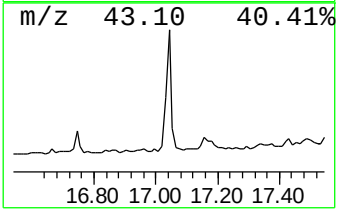












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
Data File : BF075559.D
Acq On : 15 Nov 2014 23:48
Operator : TP / JJ
Sample : F4693-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AP6S2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.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
unknown1.61	1.61	29.5	ng	497417	1	7.56	336918	20.0
2-Pentanone, 4-hy...	5.35	10.5	ng	177150	1	7.56	336918	20.0
unknown7.26	7.26	22.7	ng	382582	1	7.56	336918	20.0
1-Hexanol, 2-ethyl-	7.64	19.1	ng	321052	1	7.56	336918	20.0
Benzenamine, 2-me...	9.00	24.6	ng	631718	2	9.13	513005	20.0
2-Propenoic acid,...	9.34	10.5	ng	268930	2	9.13	513005	20.0
Benzophenone	12.21	13.8	ng	398109	3	11.32	576419	20.0
unknown13.10	13.10	22.1	ng	645570	4	13.17	584152	20.0
Tetradecanoic acid	13.87	29.5	ng	862267	4	13.17	584152	20.0
Phenol, 4,4'-(1-m...	15.02	13.8	ng	478573	5	16.47	691722	20.0
Butyl citrate	15.23	97.6	ng	3376790	5	16.47	691722	20.0
unknown15.50	15.50	10.4	ng	358110	5	16.47	691722	20.0
unknown15.76	15.76	14.4	ng	499093	5	16.47	691722	20.0
unknown16.24	16.24	13.2	ng	457262	5	16.47	691722	20.0
2-Iodo-6-methylhe...	17.04	27.9	ng	964878	5	16.47	691722	20.0