LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

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-BF081517.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	3.687	267	272	278	rVB	50646	73477	1.14%	0.095%
2	5.334	549	552	563	rVB	628993	624992	9.71%	0.808%
3	6.369	725	728	736	rBV	789928	658837	10.24%	0.852%
4	6.504	748	751	755	rBV	758091	647051	10.06%	0.837%
5	6.740	788	791	795	rBV	720844	605517	9.41%	0.783%
6	6.898	814	818	821	rBV	566022	502363	7.81%	0.650%
7	7.269	878	881	884	rBV	83001	87292	1.36%	0.113%
8	7.304	884	887	891	rVV	431761	407264	6.33%	0.527%
9	7.345	891	894	897	rVB	103290	83512	1.30%	0.108%
10	7.834	974	977	981	rVB	77740	69250	1.08%	0.090%
11	7.892	985	987	991	rVB	74703	65080	1.01%	0.084%
12	8.028	1005	1010	1013	rBV	907848	819141	12.73%	1.059%
13	8.116	1020	1025	1029	rVB3	70473	93306	1.45%	0.121%
14	8.469	1081	1085	1087	rVB2	87777	71910	1.12%	0.093%
15	8.545	1094	1098	1100	rBV	406448	346749	5.39%	0.448%
16	8.598	1103	1107	1109	rVV2	72312	81516	1.27%	0.105%
17	8.704	1121	1125	1129	rBV3	172880	248489	3.86%	0.321%
18	8.745	1129	1132	1134	rBV3	89477	101665	1.58%	0.131%
19	8.781	1135	1138	1143	rVV3	194300	255516	3.97%	0.330%
20	8.828	1143	1146	1150	rVV4	71437	115049	1.79%	0.149%
21	8.875	1150	1154	1159	rVV4	148648	303911	4.72%	0.393%
22	8.951	1164	1167	1170	rBV2	264755	329516	5.12%	0.426%
23	8.975	1170	1171	1173	rVV	76091	73586	1.14%	0.095%
24	9.004	1173	1176	1179	rVB	386779	392616	6.10%	0.508%
25	9.051	1179	1184	1190	rBV4	452429	1022598	15.89%	1.322%
26	9.098	1190	1192	1197	rBV	717394	735508	11.43%	0.951%
27	9.145	1198	1200	1203	rBV3	224438	221570	3.44%	0.287%
28	9.228	1212	1214	1216	rVB	107134	67530	1.05%	0.087%
29	9.251	1216	1218	1220	rVV	270934	232903	3.62%	0.301%
30	9.298	1223	1226	1229	rVB2	1180869	1341349	20.84%	1.734%
31	9.328	1229	1231	1232	rBV2	131100	95440	1.48%	0.123%
32	9.345	1232	1234	1237	rVV2	380947	385699	5.99%	0.499%
33	9.369	1237	1238	1241	rVV2	192035	126008	1.96%	0.163%
34	9.398	1241	1243	1244	rVV	104235	73409	1.14%	0.095%

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Misc :
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Instrument : BNA_F
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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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.416	1244	1246	1248	rVV	146560	125697	1.95%	0.163%
36	9.457	1251	1253	1258	rVB5	155486	157554	2.45%	0.204%
37	9.498	1258	1260	1263	rVB2	215526	207796	3.23%	0.269%
38	9.528	1263	1265	1272	rVB4	227837	369924	5.75%	0.478%
39	9.586	1272	1275	1278	rBV3	133494	183277	2.85%	0.237%
40	9.716	1294	1297	1299	rBV	96711	108182	1.68%	0.140%
41	9.745	1299	1302	1305	rVV	838069	704007	10.94%	0.910%
42	9.781	1305	1308	1314	rVV2	923631	1158044	18.00%	1.497%
43	9.857	1318	1321	1323	rVV	494080	414068	6.43%	0.535%
44	9.881	1323	1325	1327	rVV2	241647	237024	3.68%	0.306%
45	9.922	1327	1332	1336	rVB	926258	999258	15.53%	1.292%
46	9.975	1336	1341	1345	rBV	786872	922877	14.34%	1.193%
47	10.028	1345	1350	1352	rVB2	161825	227366	3.53%	0.294%
48	10.081	1356	1359	1363	rVV	681471	632123	9.82%	0.817%
49	10.198	1376	1379	1381	rBV3	255210	276189	4.29%	0.357%
50	10.269	1385	1391	1395	rBV2	1725990	2169337	33.71%	2.805%
51	10.316	1395	1399	1406	rVB4	672410	1005294	15.62%	1.300%
52	10.404	1408	1414	1417	rBV2	1690389	2474919	38.46%	3.200%
53	10.463	1418	1424	1426	rBV2	1584972	2243010	34.86%	2.900%
54	10.528	1432	1435	1437	rBV	1154022	1206470	18.75%	1.560%
55	10.545	1437	1438	1440	rVV	519562	371036	5.77%	0.480%
56	10.575	1440	1443	1448	rVB2	1438791	1998519	31.06%	2.584%
57	10.645	1451	1455	1465	rBV2	2069864	3838278	59.65%	4.963%
58	10.733	1467	1470	1471	rBV	880136	899922	13.98%	1.164%
59	10.763	1471	1475	1479	rBV	1829931	2376127	36.92%	3.073%
60	10.804	1479	1482	1486	rVB	1885570	2405224	37.38%	3.110%
61	10.845	1486	1489	1492	rBV2	2062497	3251173	50.52%	4.204%
62	10.933	1500	1504	1513	rVB4	2147545	3876324	60.24%	5.012%
63	11.045	1520	1523	1527	rBV	1355410	1663297	25.85%	2.151%
64	11.145	1536	1540	1543	rBV	1046302	1936995	30.10%	2.505%
65	11.233	1550	1555	1561	rBV	2541749	6435106	100.00%	8.321%
66	11.939	1670	1675	1681	rVB2	1780834	4134755	64.25%	5.347%
67	12.098	1697	1702	1705	rBV2	2598377	5545559	86.18%	7.171%
68	12.492	1766	1769	1772	rBV	1436515	1613747	25.08%	2.087%
69	14.945	2182	2186	2191	rVB	1125201	1835175	28.52%	2.373%
70	15.068	2203	2207	2215	rVB4	1337386	2596903	40.36%	3.358%
71	15.280	2238	2243	2250	rVB3	1236704	2263616	35.18%	2.927%

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Misc :
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Instrument : BNA_F
ClientSampleId : 156-275

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.357	2253	2256	2262	rVB3	755389	1035583	16.09%	1.339%
73	15.421	2264	2267	2271	rVB	735987	1002072	15.57%	1.296%
74	15.663	2305	2308	2318	rVB2	649279	1073408	16.68%	1.388%

Sum of corrected areas: 77334854

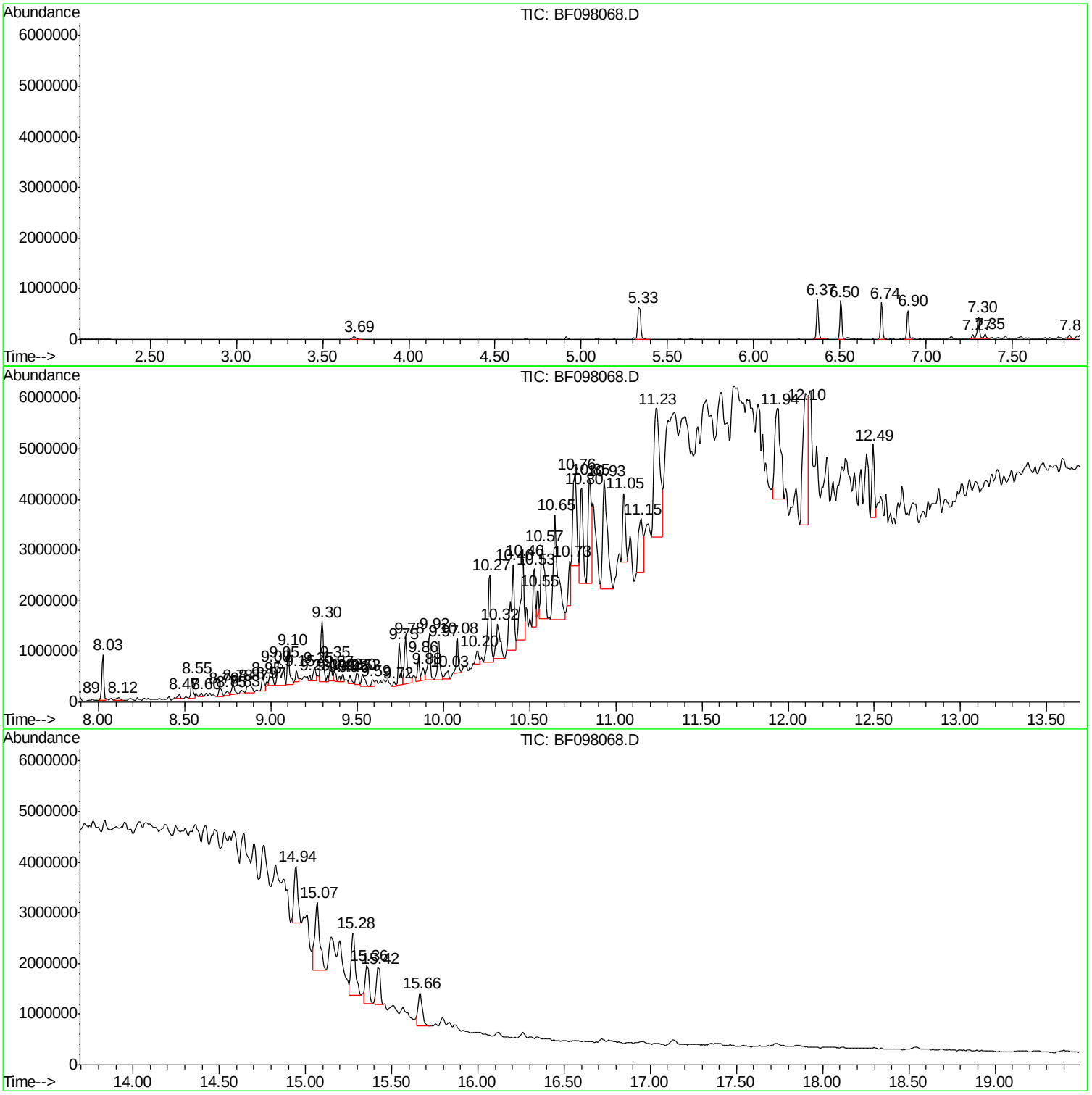
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

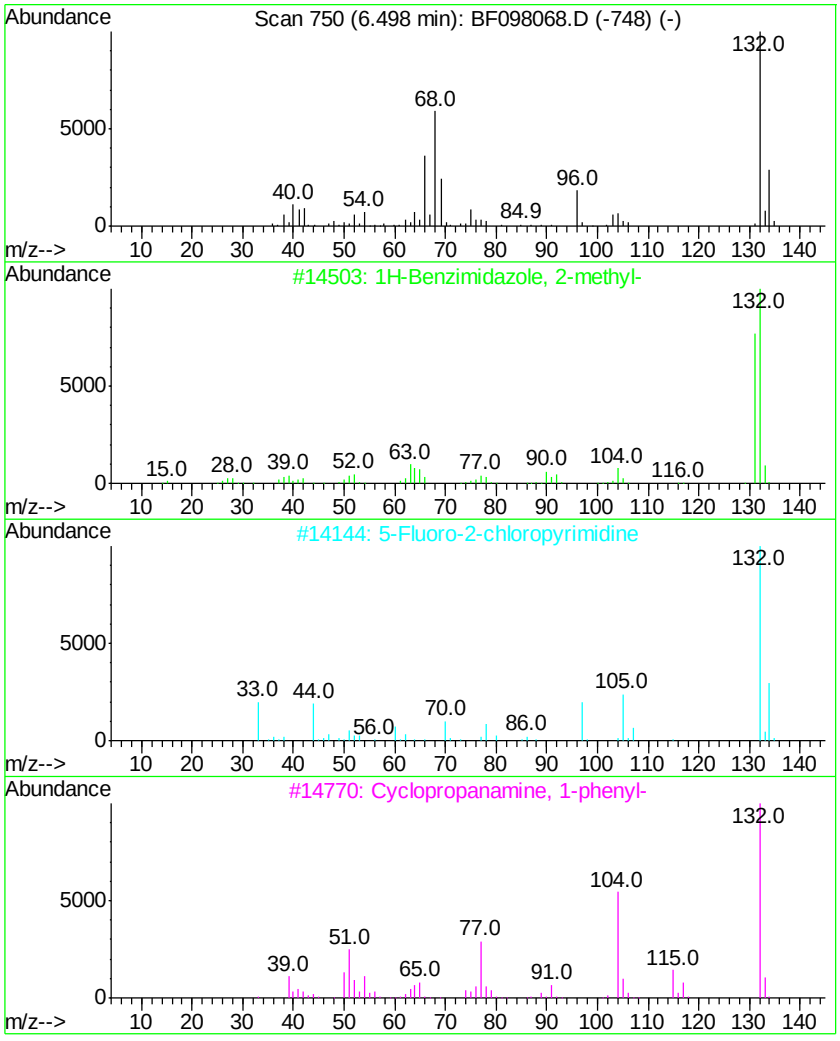
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

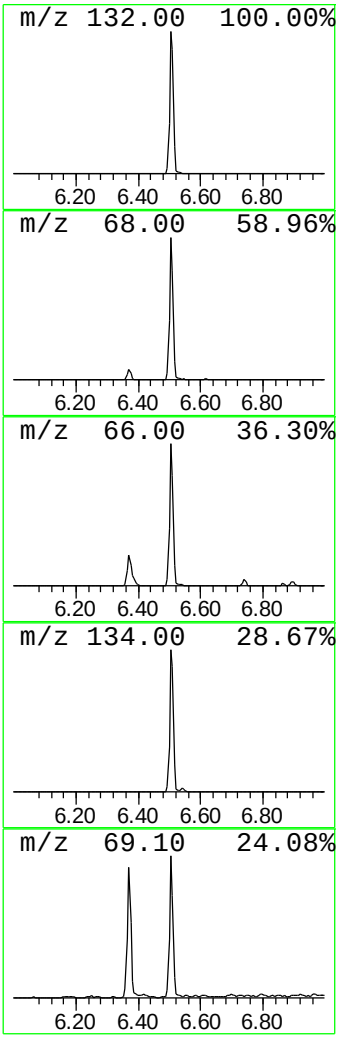
****

Peak Number 1 unknown6.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	21.37 ng	647051	1,4-Dichlorobenzene-d4	6.74

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	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

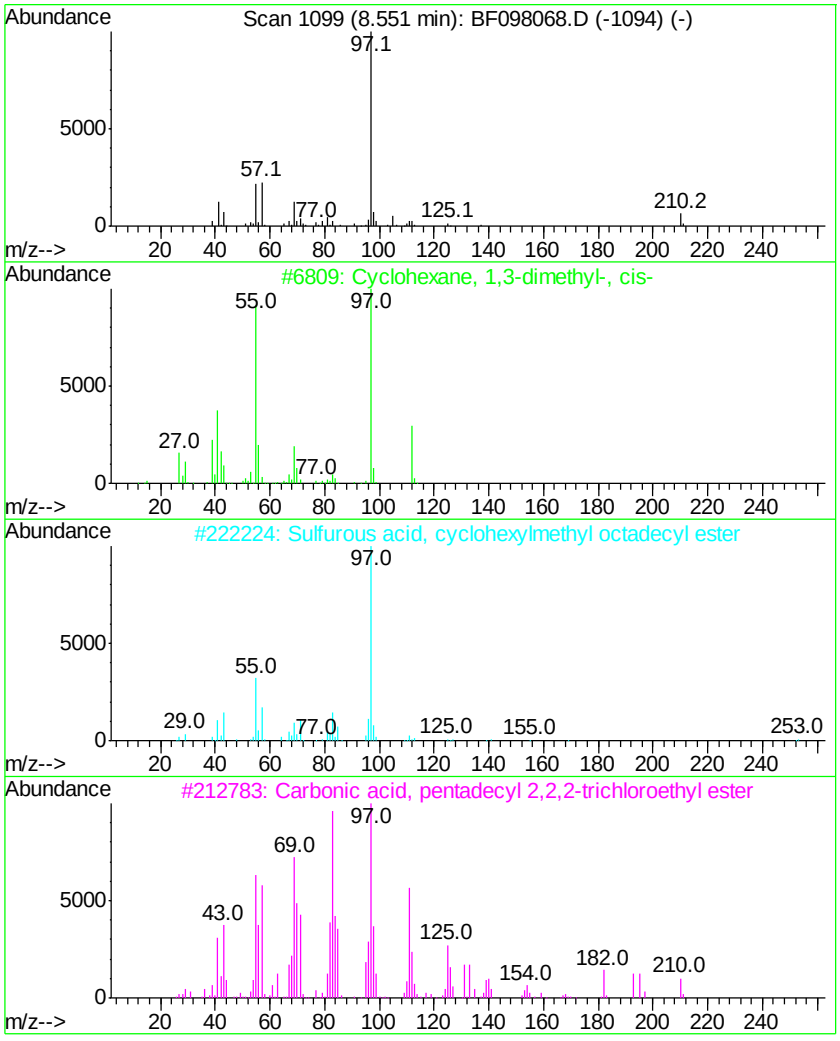
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

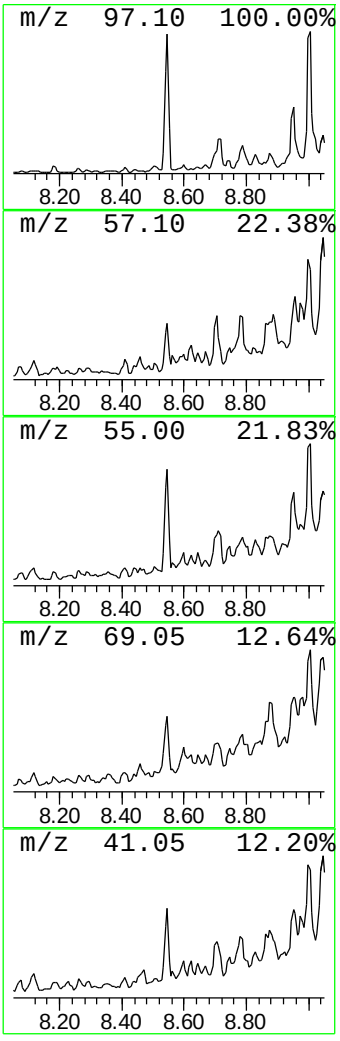
****

Peak Number 3 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	8.47 ng	346749	Naphthalene-d8	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	56
2	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	50
3	Carbonic acid, pentadecyl 2,2,2-...	402	C18H33Cl3O3	1000314-56-1	42
4	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	40
5	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

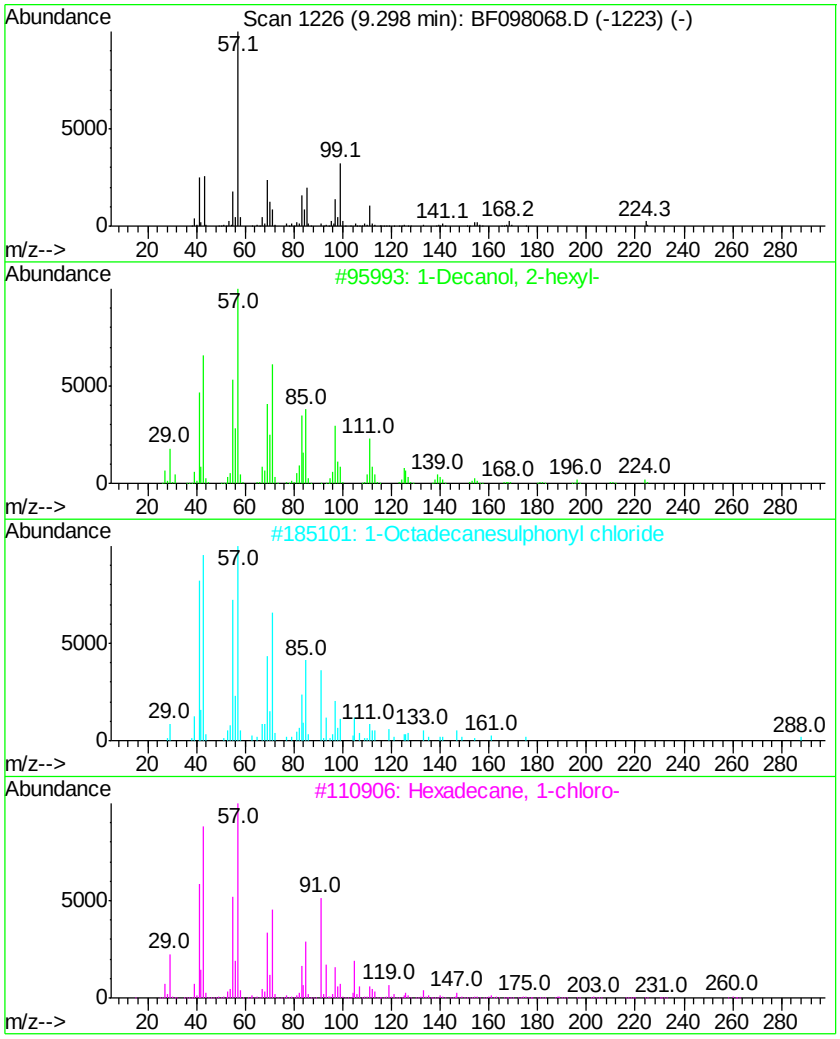
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

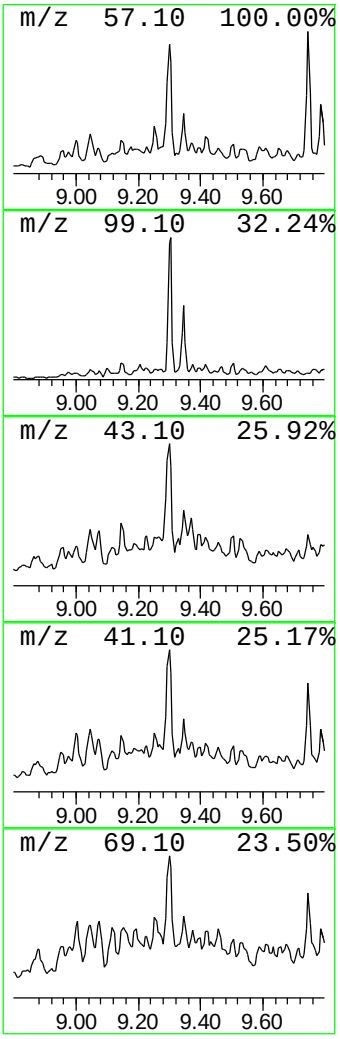
****

Peak Number 4 1-Decanol, 2-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	23.17 ng	1341350	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	53
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	53
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	50
4	2,2,4,4,5,5,7,7-Octamethyloctane	226	C16H34	005171-85-7	43
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	40





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

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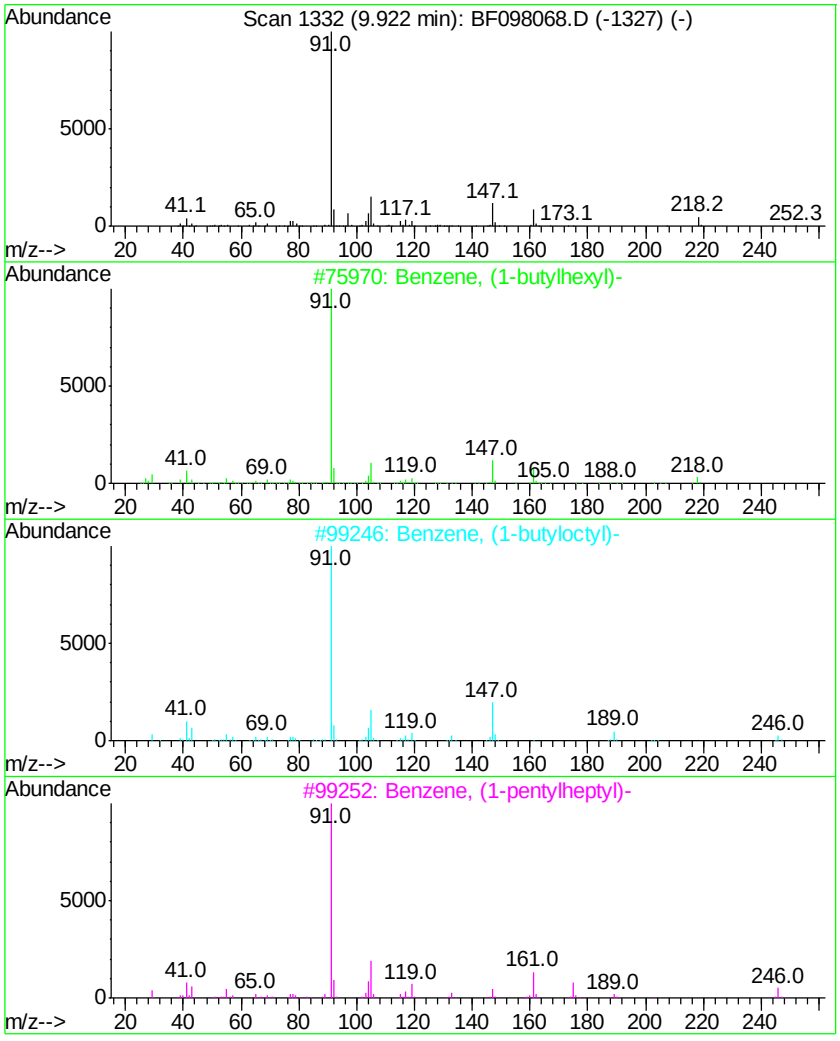
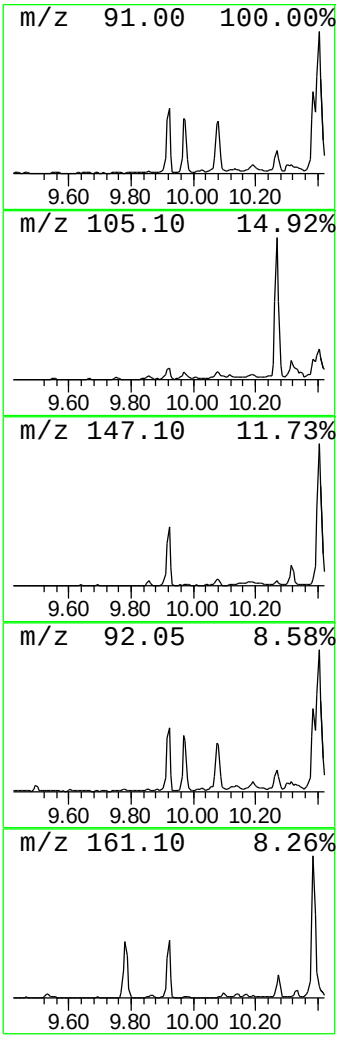
Peak Number 5 Benzene, (1-butylhexyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	17.26 ng	999258	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	90
2	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	59
3	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	53
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	52
5	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	45





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Instrument : BNA_F
ClientSampleId : 156-275

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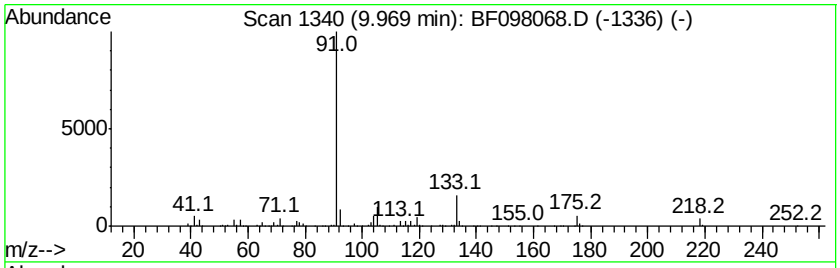
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

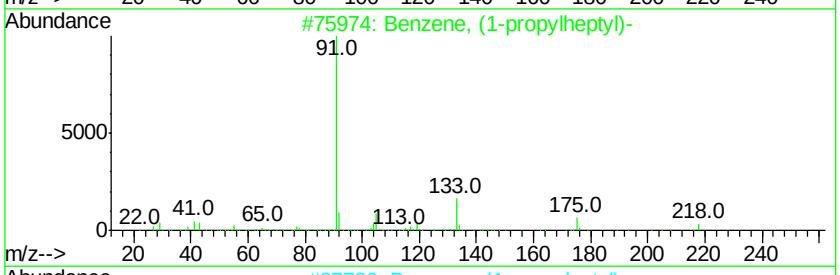
****

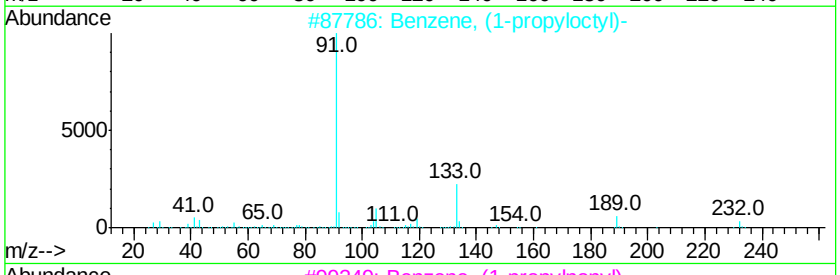
Peak Number 6 Benzene, (1-propylheptyl)- Concentration Rank 13

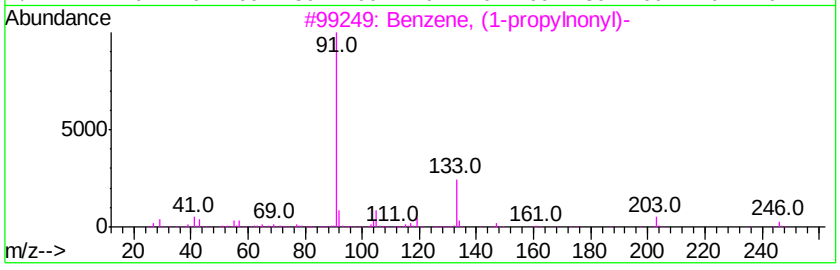
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	15.94 ng	922877	Acenaphthene-d10	9.78

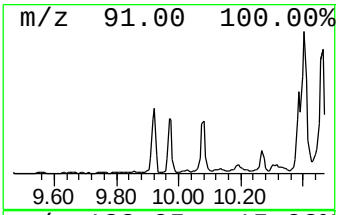
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	95
2	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	59
3	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	59
4	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	53
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	52

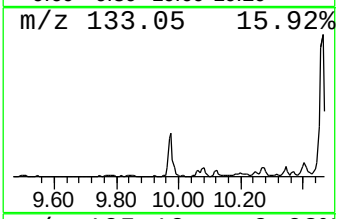


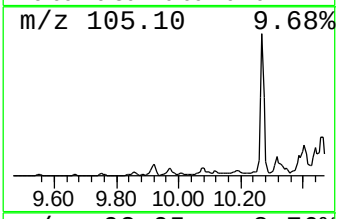


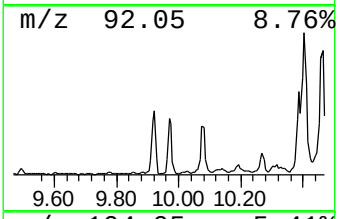


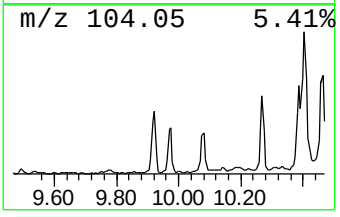












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Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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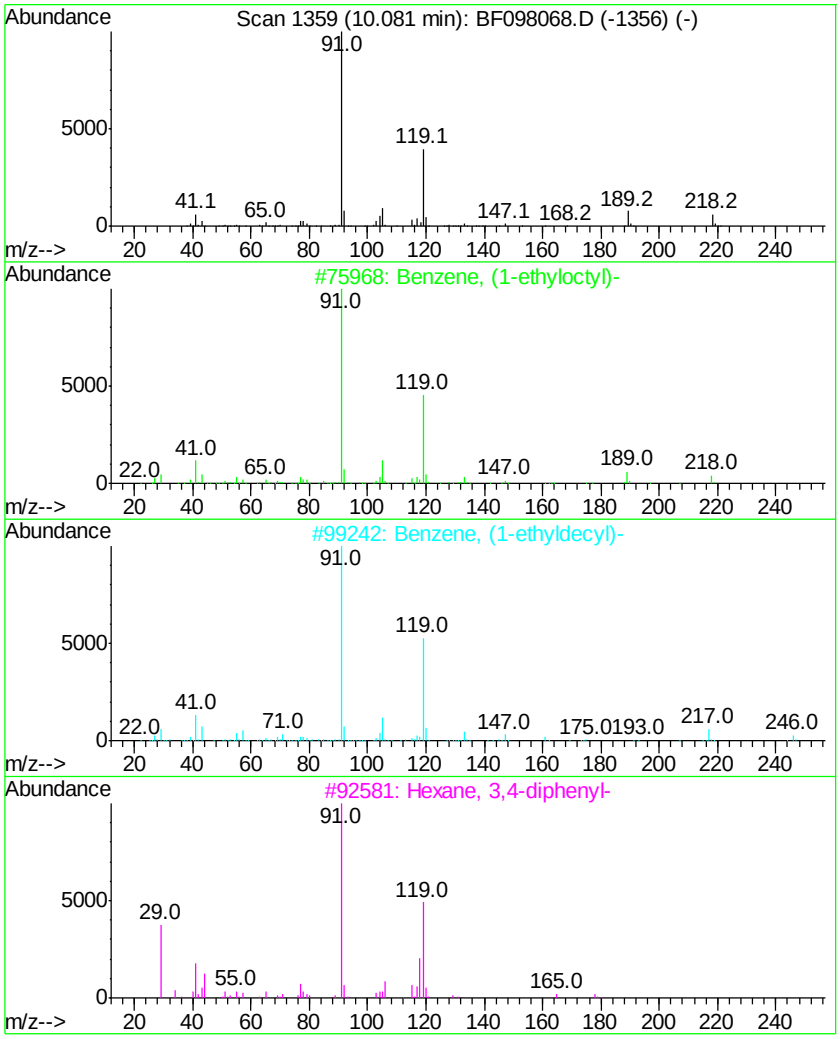
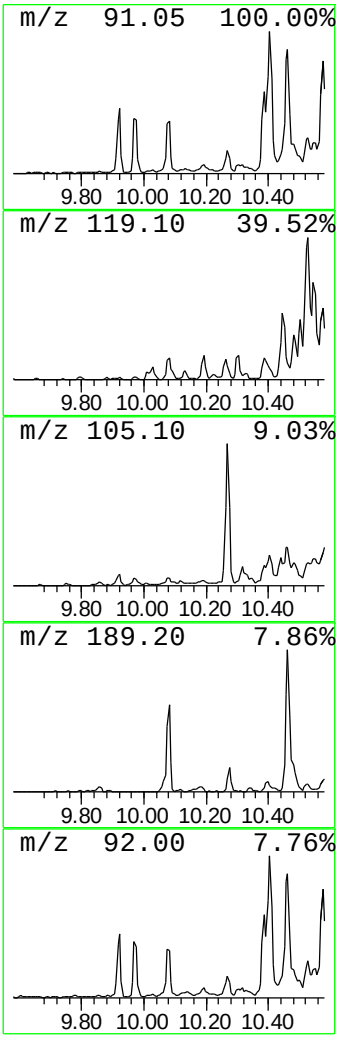
Peak Number 7 Benzene, (1-ethyloctyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	10.92 ng	632123	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	95
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	72
3	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	64
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	59
5	Benzene, (1-ethylhexyl)-	190	C14H22	018335-15-4	50





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Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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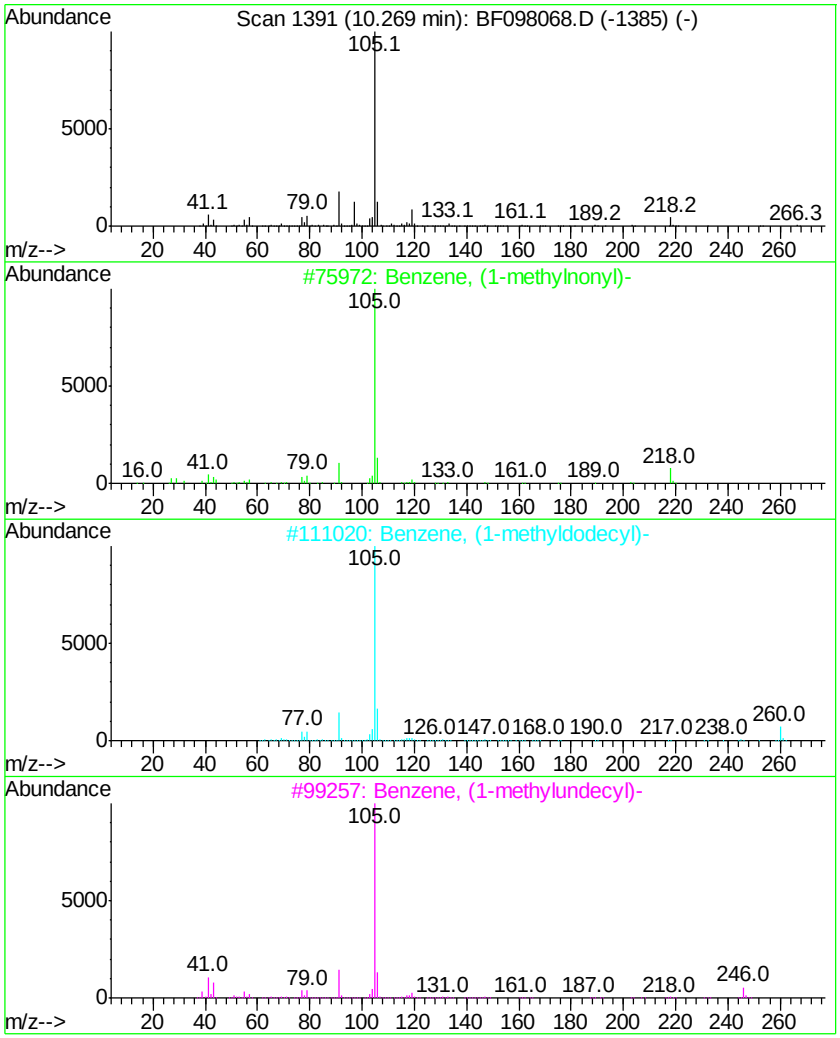
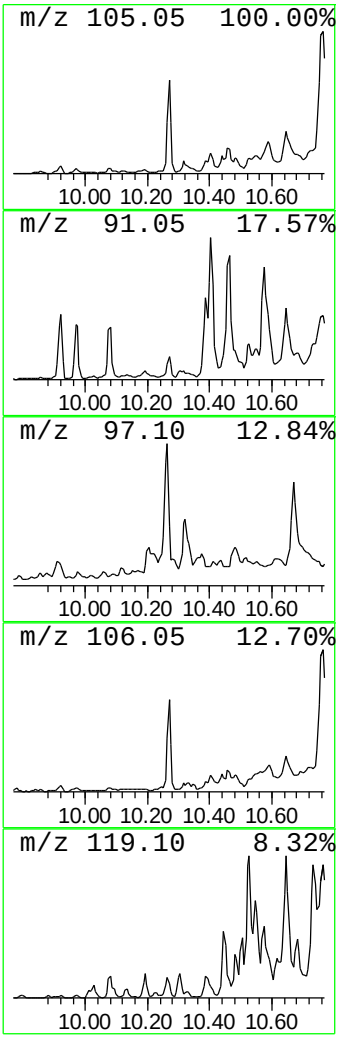
Peak Number 8 Benzene, (1-methylnonyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	37.47 ng	2169340	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	53
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	50
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	50





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Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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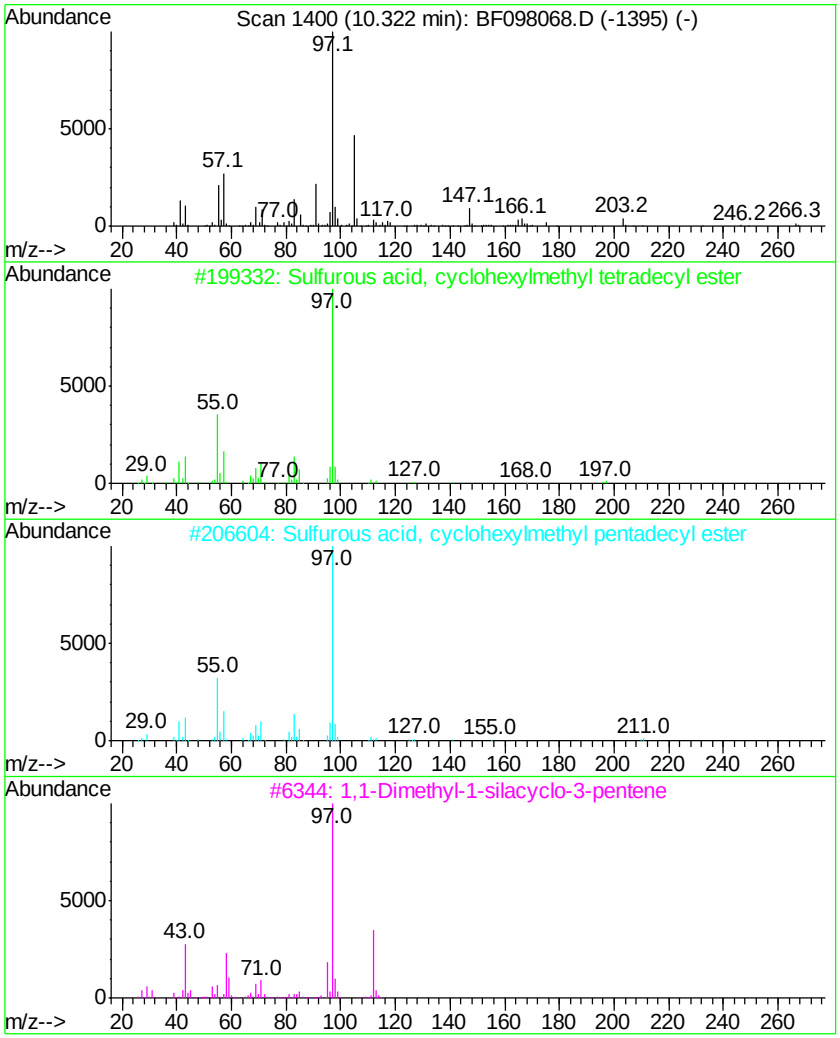
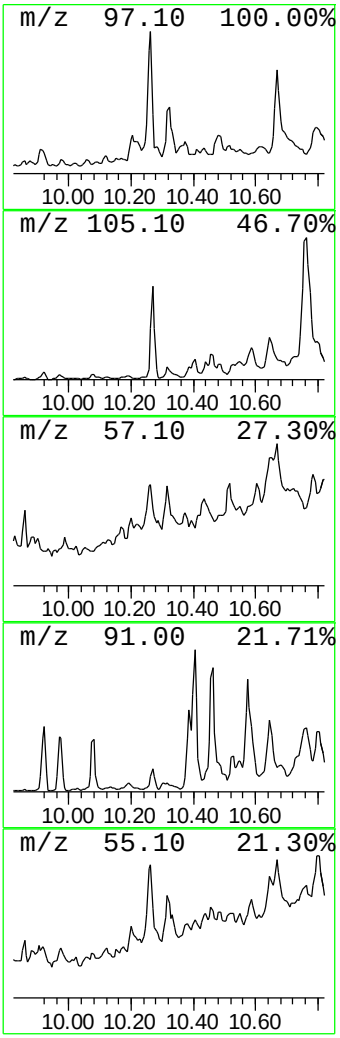
Peak Number 9 Sulfurous acid, cyclohexylm... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	17.36 ng	1005290	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	50
2	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	47
3	1,1-Dimethyl-1-silacyclo-3-pentene	112	C6H12Si	016054-12-9	43
4	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	40
5	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	40





Library Search Compound Report

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Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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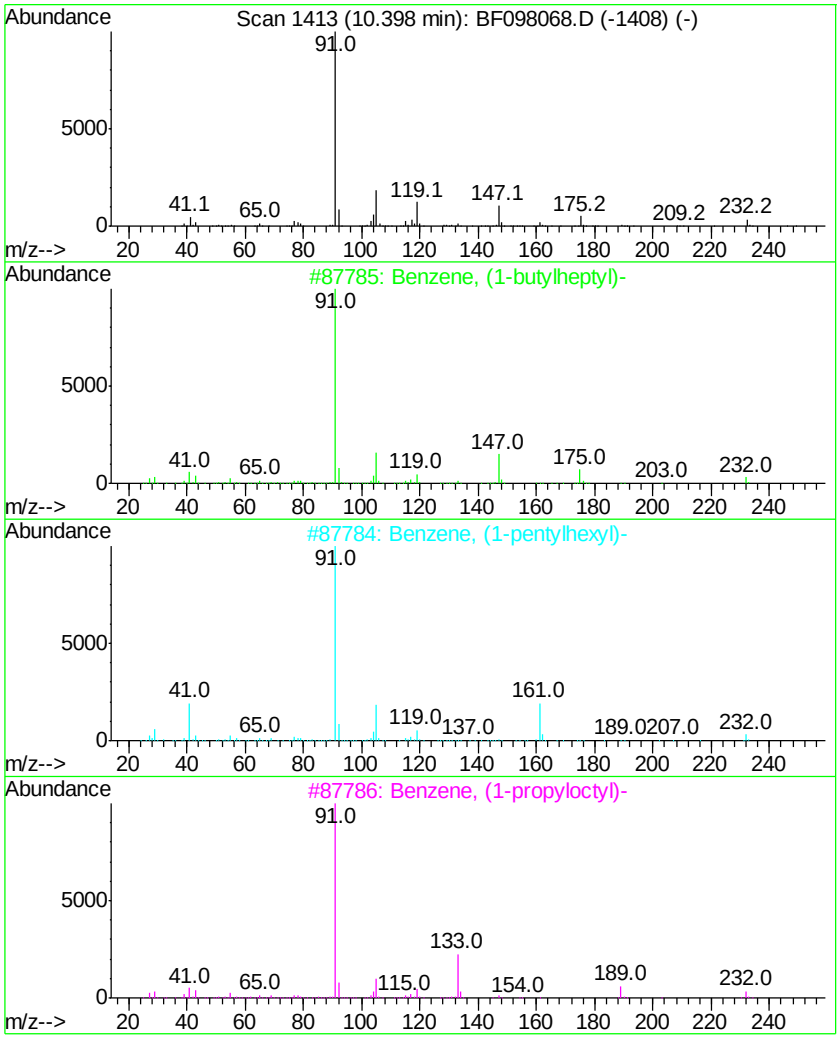
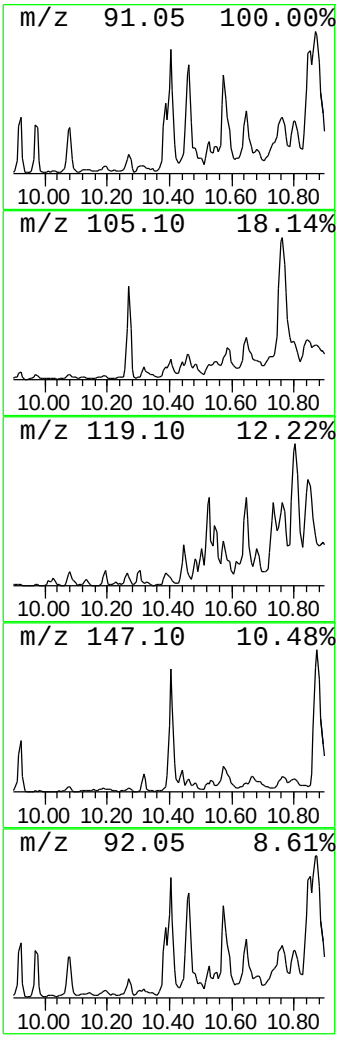
Peak Number 10 Benzene, (1-butylheptyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	42.74 ng	2474920	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	96
2	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	81
3	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	72
4	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	64
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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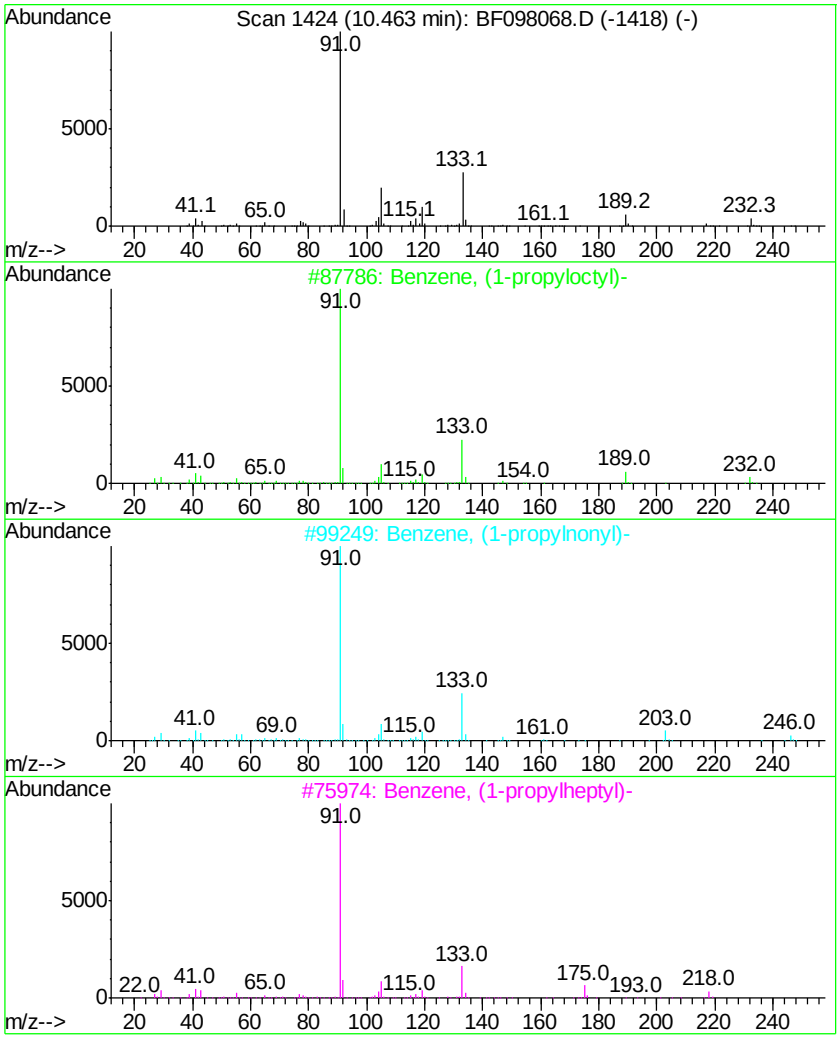
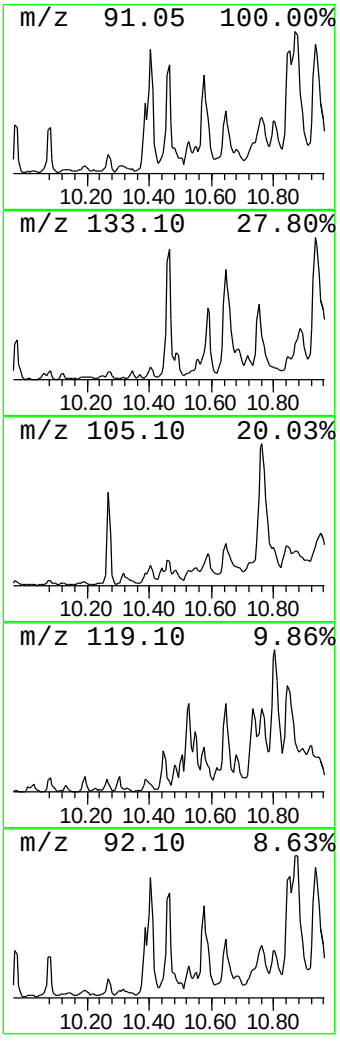
Peak Number 11 Benzene, (1-propyloctyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	38.74 ng	2243010	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	93
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	59
3	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	50
4	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	45
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	43





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Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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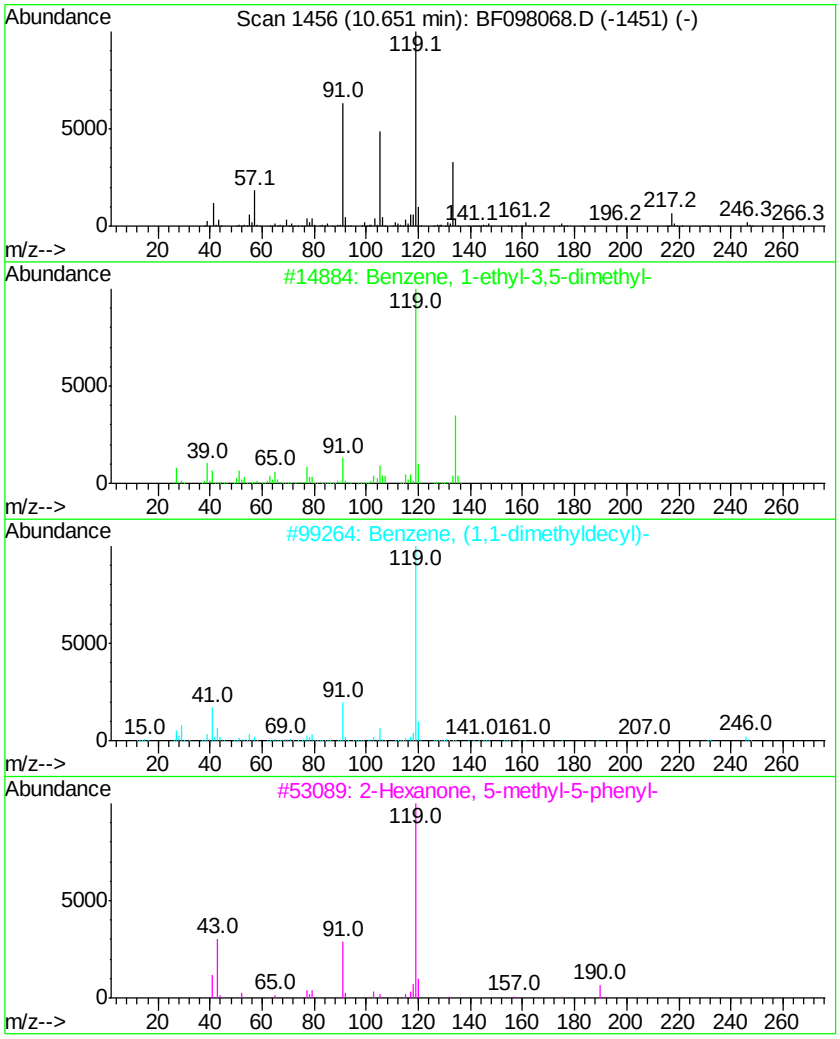
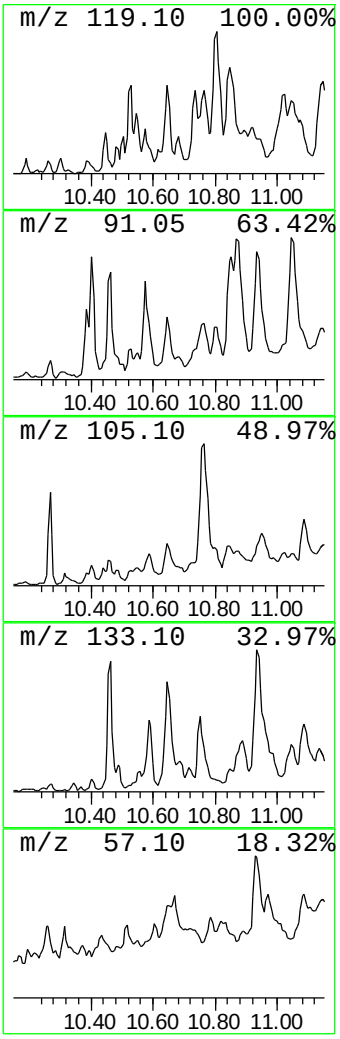
Peak Number 12 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	11.93 ng	3838280	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	58
3	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	53
4	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	53
5	2-Isothiocyanato-2,4-dimethyl-4-...	233	C14H19NS	1000293-27-6	53





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Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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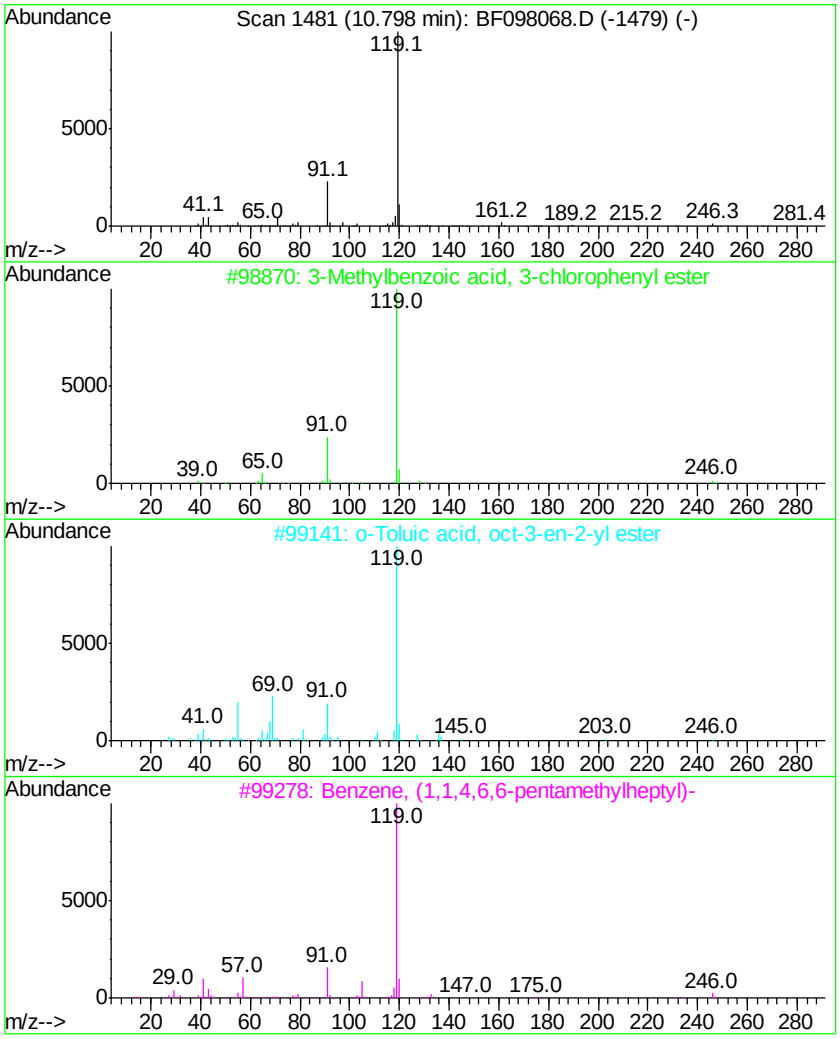
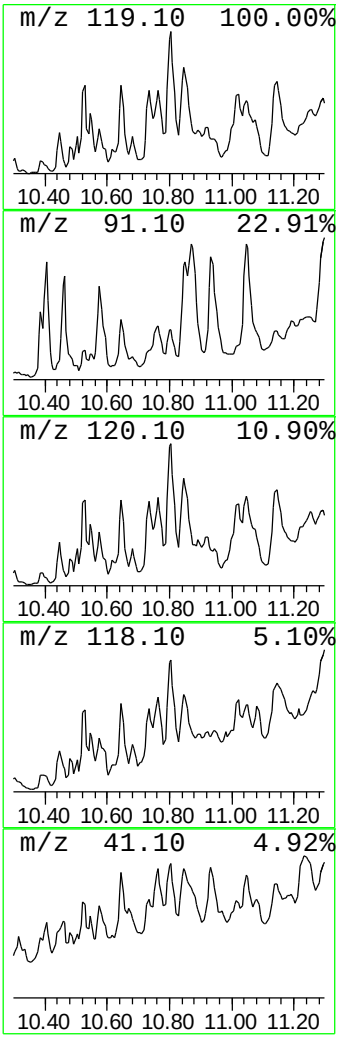
Peak Number 13 3-Methylbenzoic acid, 3-chl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	7.48 ng	2405220	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzoic acid, 3-chloroph...	246	C14H11ClO2	1000325-71-2	80
2	o-Toluic acid, oct-3-en-2-yl ester	246	C16H22O2	1000292-51-3	78
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
4	4-Methylbenzoic acid, 2-fluoroph...	230	C14H11FO2	1000325-59-8	72
5	p-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-76-5	72





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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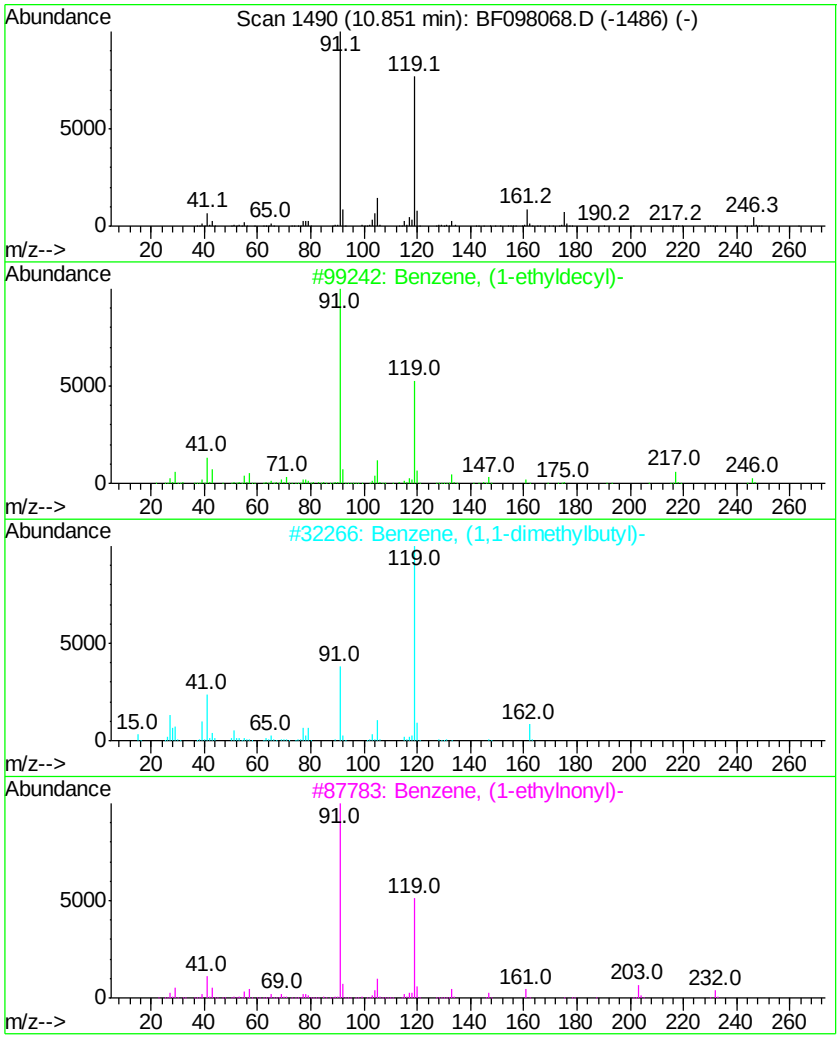
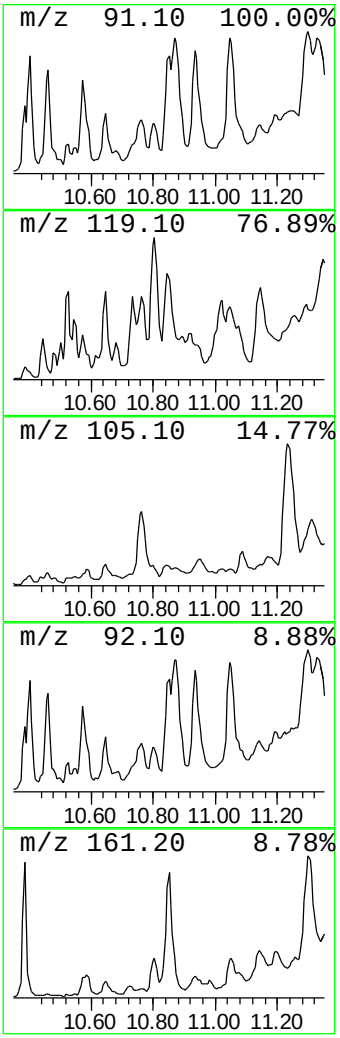
Peak Number 14 Benzene, (1-ethyldecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	10.10 ng	3251170	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	81
2	Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	72
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64
4	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	64
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59





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Instrument : BNA_F
ClientSampleId : 156-275

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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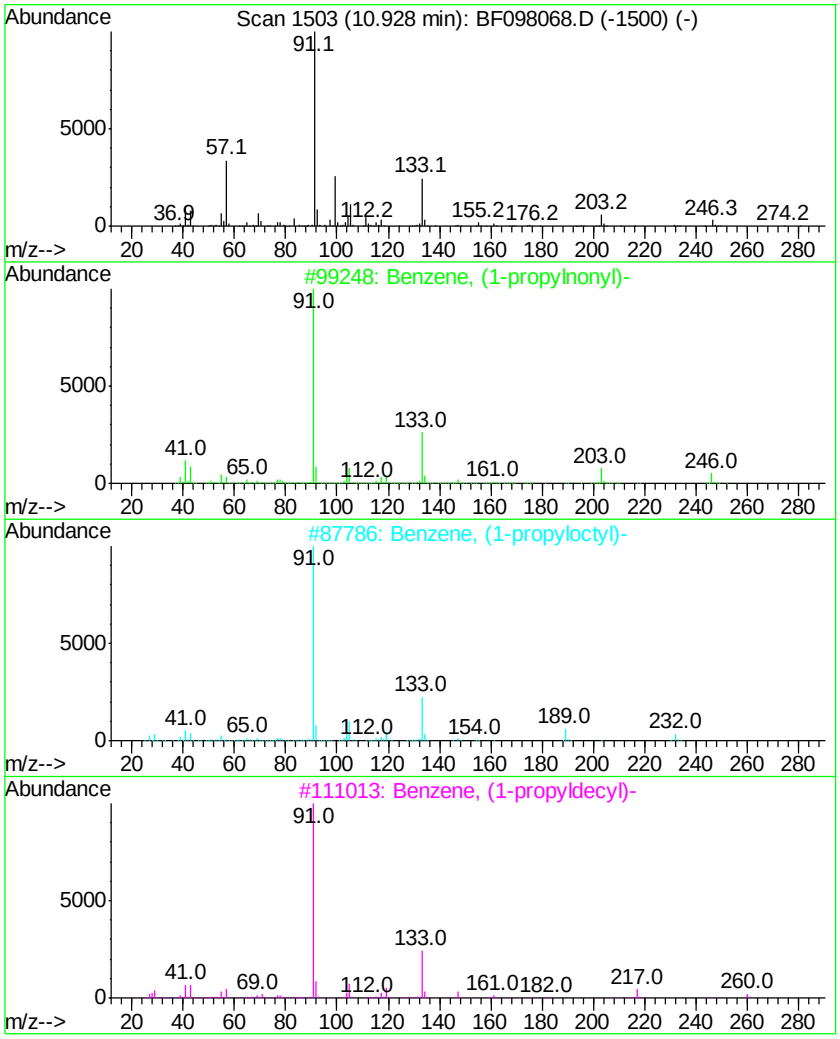
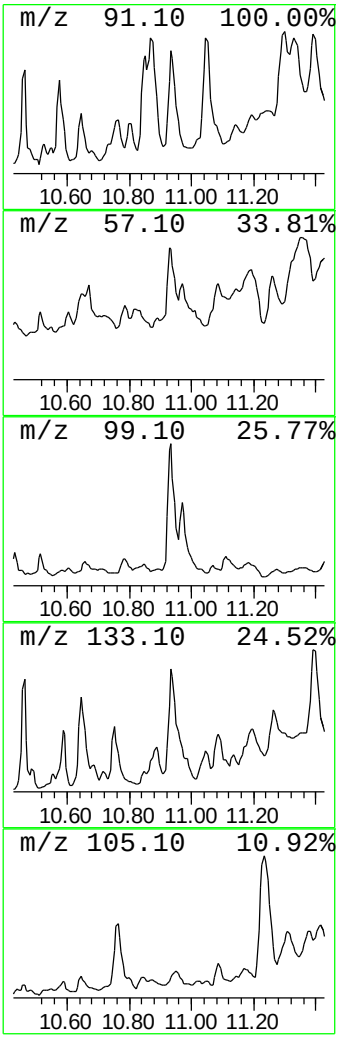
Peak Number 15 Benzene, (1-propylnonyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	12.05 ng	3876320	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	96
2	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	59
3	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	53
4	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	50
5	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	42





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ClientSampleId : 156-275

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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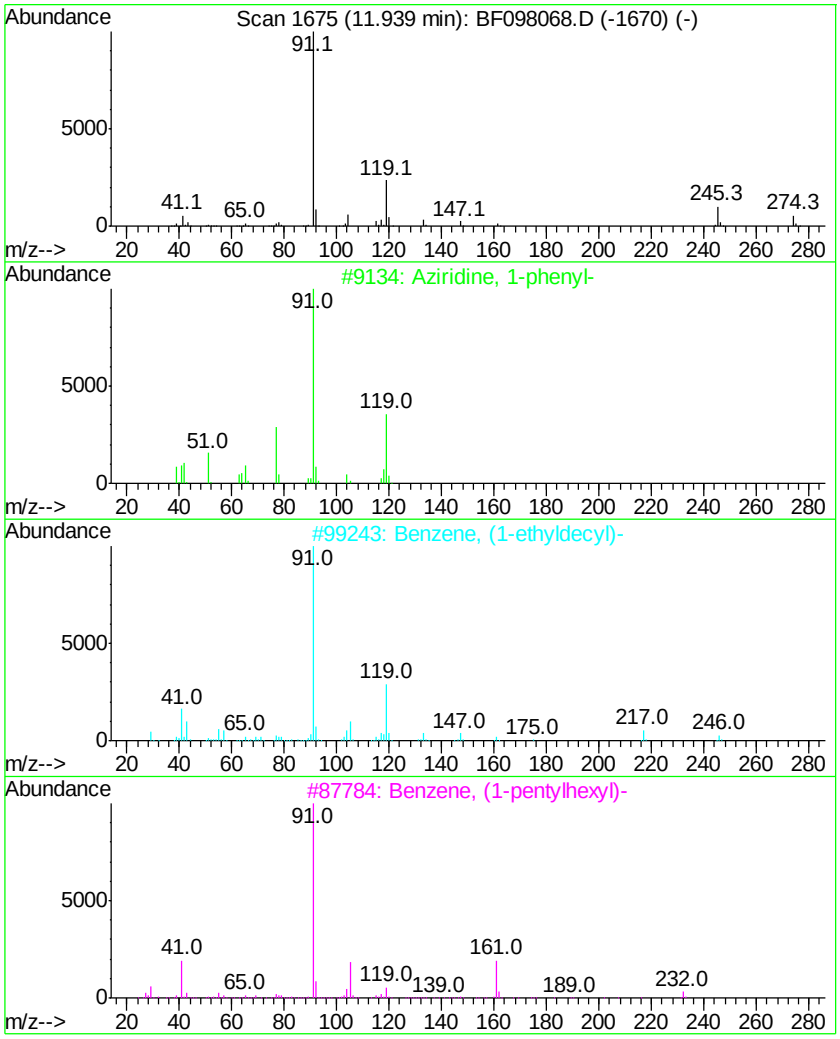
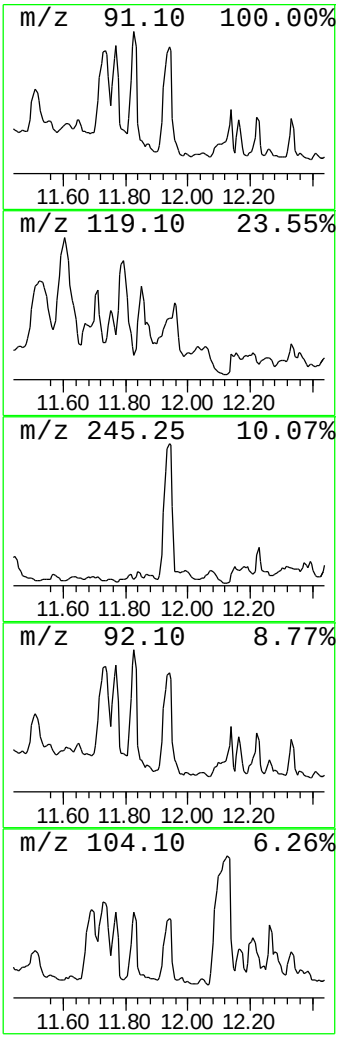
Peak Number 16 Aziridine, 1-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	12.85 ng	4134760	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	64
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	58
3	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	38
4	4-Piperidinone, 3-(4-bromobutyl)...	323	C16H22BrNO	1000327-44-5	28
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	23





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

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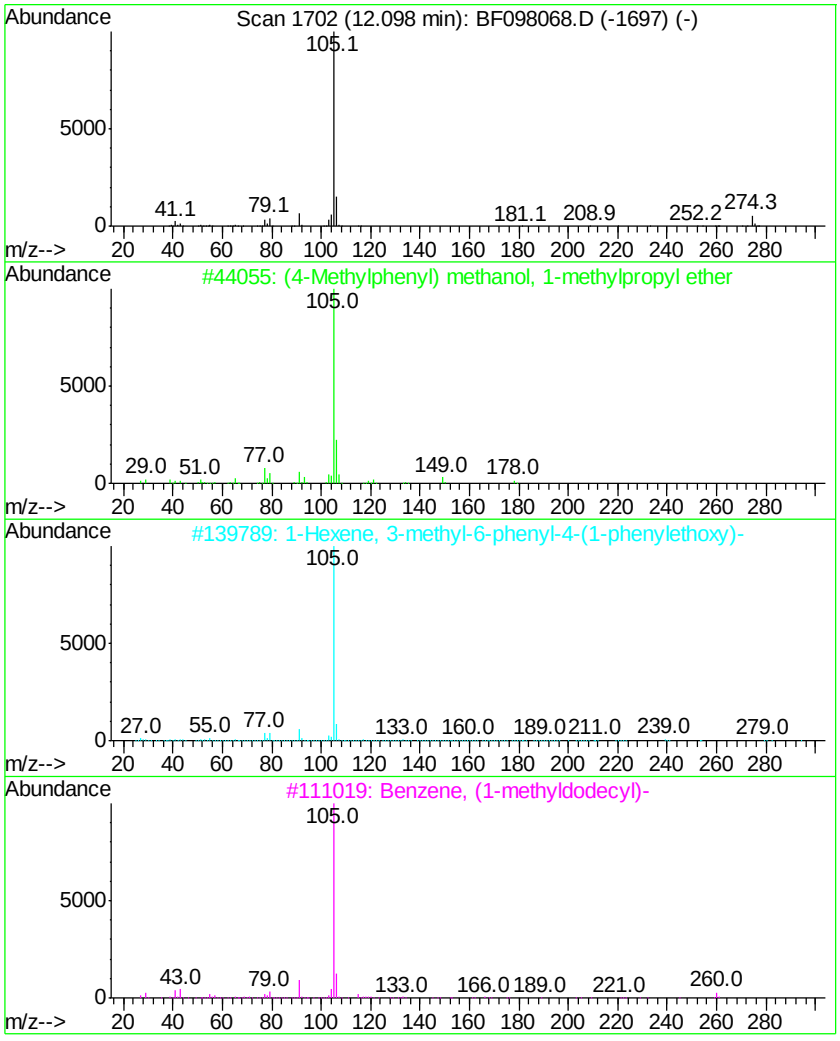
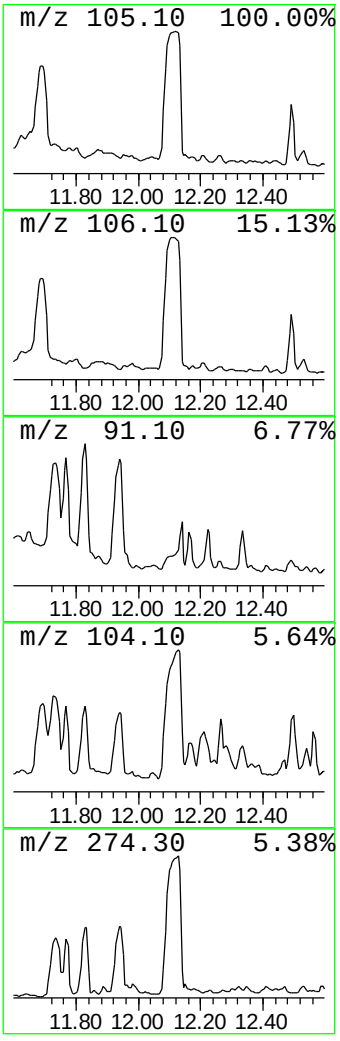
Peak Number 17 (4-Methylphenyl) methanol, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	17.24 ng	5545560	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(4-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-65-6	64
2	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	64
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	58
4	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	53
5	(4-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-65-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

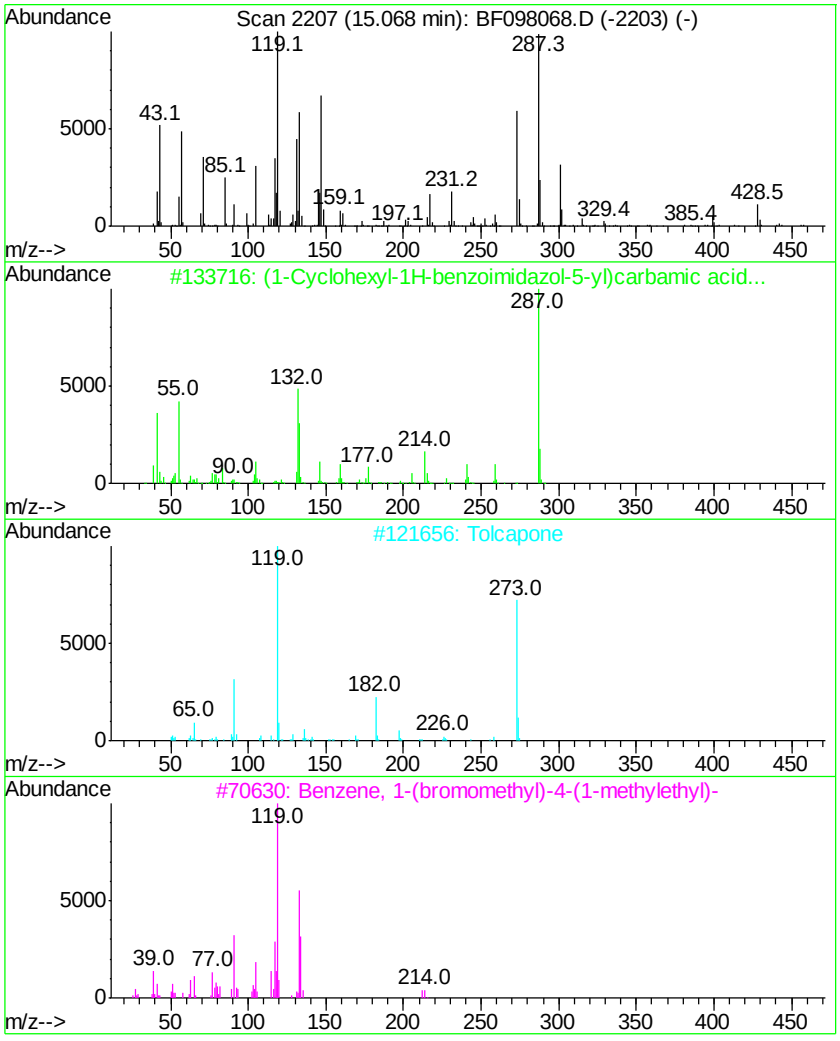
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

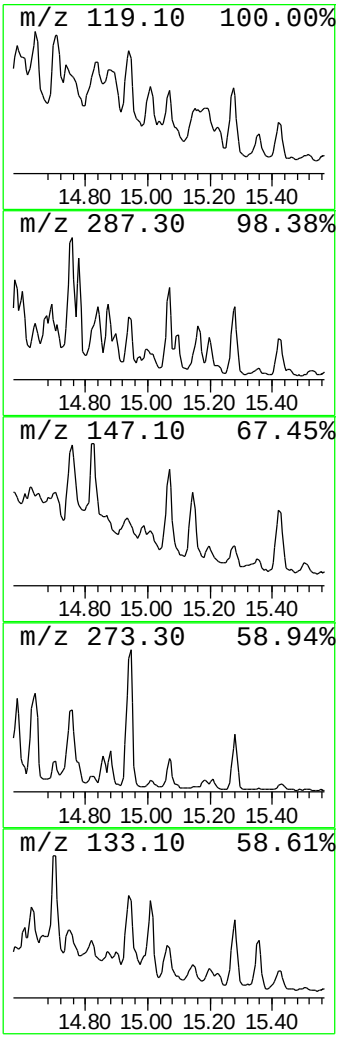
****

Peak Number 18 unknown15.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	50.15 ng	2596900	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	27
2	Tolcapone	273	C14H11NO5	134308-13-7	18
3	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	10
4	3-((1-Amino-2-naphthyl)methylene...	287	C19H13NO2	1000332-19-2	10
5	Bis(tert-butyldimethylsilyl) sel...	358	C12H30O3SeSi2	1000366-57-7	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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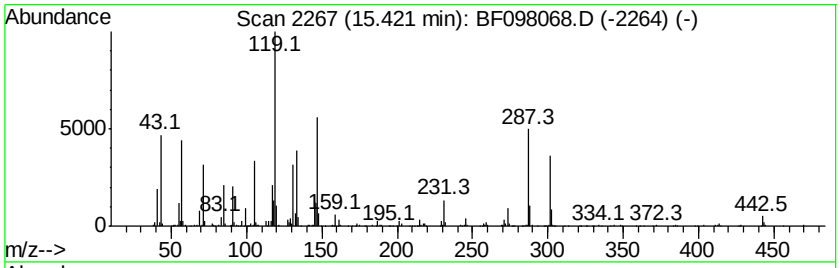
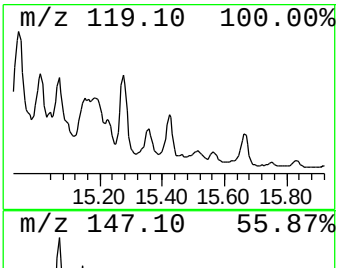
Peak Number 19 unknown15.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	19.35 ng	1002070	Perylene-d12	15.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	benz[d]isozazole, 3-ethyl-	147	C9H9NO	066033-77-0	30
2	1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	27
3	4-Methylbenzoic acid, 4-biphenyl...	288	C20H16O2	1000354-15-9	18
4	2,4,4,6-Tetramethyl-6-phenylheptane	232	C17H28	1000293-28-6	18
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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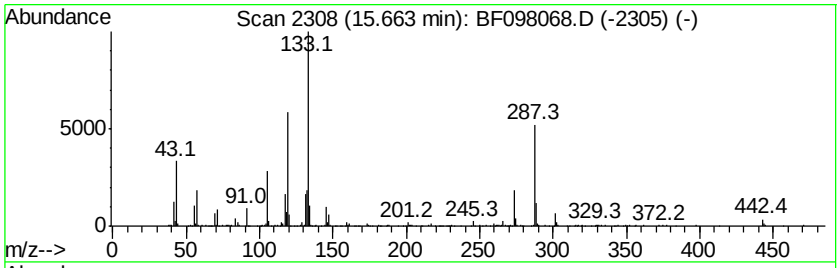
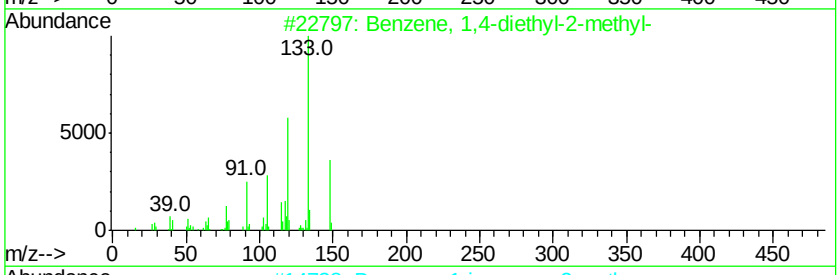
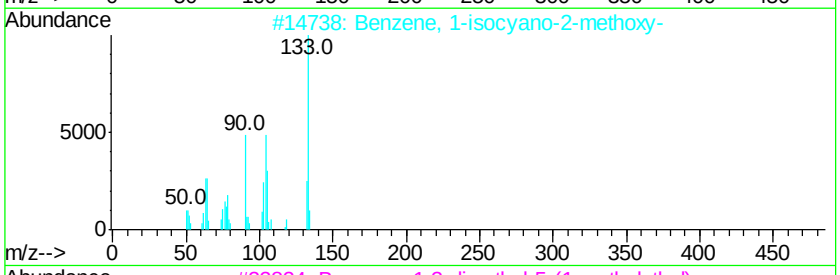
Peak Number 20 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 7

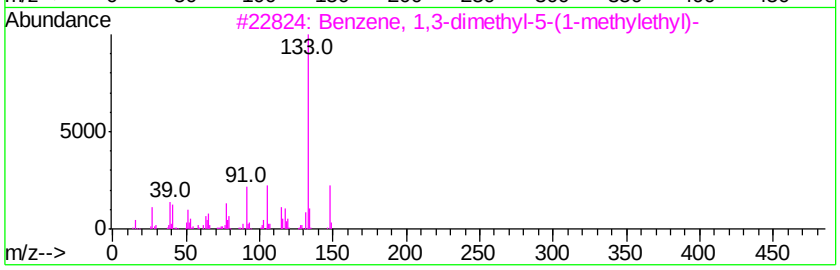
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	20.73 ng	1073410	Perylene-d12	15.36

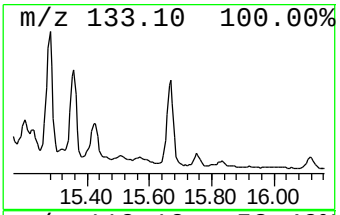
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	37
2	Benzene, 1-isocyano-2-methoxy-	133	C8H7NO	020771-60-2	30
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	27
4	1H-Indol-5-ol	133	C8H7NO	001953-54-4	27
5	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	27

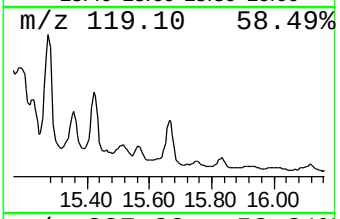


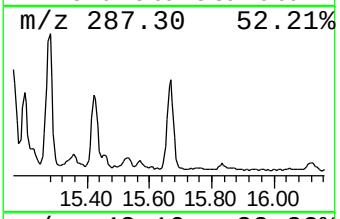


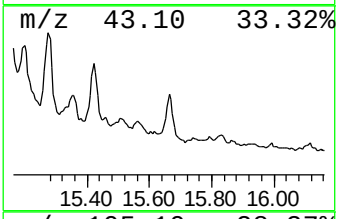


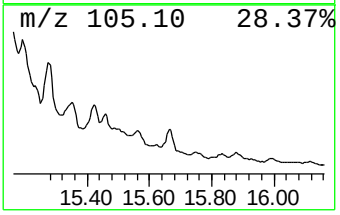












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082817\
Data File : BF098068.D
Acq On : 28 Aug 2017 14:58
Operator : SJ/JU
Sample : I4968-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 156-275

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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
unknown6.50	6.50	21.4	ng	647051	1	6.74	605517	20.0
Cyclohexane, 1,3-...	8.55	8.5	ng	346749	2	8.03	819141	20.0
1-Decanol, 2-hexyl-	9.30	23.2	ng	1341350	3	9.78	1158040	20.0
Benzene, (1-butyl...	9.92	17.3	ng	999258	3	9.78	1158040	20.0
Benzene, (1-propy...	9.97	15.9	ng	922877	3	9.78	1158040	20.0
Benzene, (1-ethyl...	10.08	10.9	ng	632123	3	9.78	1158040	20.0
Benzene, (1-methy...	10.27	37.5	ng	2169340	3	9.78	1158040	20.0
Sulfurous acid, c...	10.32	17.4	ng	1005290	3	9.78	1158040	20.0
Benzene, (1-butyl...	10.40	42.7	ng	2474920	3	9.78	1158040	20.0
Benzene, (1-propy...	10.46	38.7	ng	2243010	3	9.78	1158040	20.0
Benzene, 1-ethyl-...	10.65	11.9	ng	3838280	4	11.27	6435110	20.0
3-Methylbenzoic a...	10.80	7.5	ng	2405220	4	11.27	6435110	20.0
Benzene, (1-ethyl...	10.85	10.1	ng	3251170	4	11.27	6435110	20.0
Benzene, (1-propy...	10.93	12.1	ng	3876320	4	11.27	6435110	20.0
Aziridine, 1-phenyl-	11.94	12.9	ng	4134760	4	11.27	6435110	20.0
(4-Methylphenyl) ...	12.10	17.2	ng	5545560	4	11.27	6435110	20.0
unknown15.07	15.07	50.1	ng	2596900	6	15.36	1035580	20.0
unknown15.42	15.42	19.4	ng	1002070	6	15.36	1035580	20.0
Benzene, 1,4-diet...	15.66	20.7	ng	1073410	6	15.36	1035580	20.0