LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109558.D
Acq On : 3 Oct 2018 20:29
Operator : JU/SJ
Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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	5.316	546	549	581	rBV	780531	937310	6.38%	0.869%
2	6.345	721	724	742	rBV	833154	999025	6.80%	0.927%
3	6.475	742	746	750	rVV	1007482	929830	6.33%	0.862%
4	6.704	782	785	793	rBV	340862	365363	2.49%	0.339%
5	6.863	808	812	816	rBV	767063	741696	5.05%	0.688%
6	7.263	878	880	886	rVV	449874	517895	3.53%	0.480%
7	7.986	999	1003	1009	rBV	451725	428701	2.92%	0.398%
8	8.433	1072	1079	1082	rBV3	88695	178109	1.21%	0.165%
9	8.516	1089	1093	1098	rBV	495339	467011	3.18%	0.433%
10	8.675	1116	1120	1124	rBV2	194756	307989	2.10%	0.286%
11	8.751	1129	1133	1138	rVV3	180836	289328	1.97%	0.268%
12	8.845	1147	1149	1153	rVB3	169826	215444	1.47%	0.200%
13	8.922	1158	1162	1164	rBV2	334425	358083	2.44%	0.332%
14	8.969	1167	1170	1174	rVB	474821	405614	2.76%	0.376%
15	9.016	1174	1178	1180	rBV3	440031	610299	4.15%	0.566%
16	9.063	1183	1186	1188	rVB	685408	559492	3.81%	0.519%
17	9.116	1193	1195	1197	rBV2	269139	225788	1.54%	0.209%
18	9.222	1210	1213	1215	rBV	279727	266910	1.82%	0.248%
19	9.269	1217	1221	1224	rVB2	1268844	1469406	10.00%	1.363%
20	9.316	1227	1229	1231	rVV2	382191	351308	2.39%	0.326%
21	9.339	1231	1233	1235	rVB	230119	175259	1.19%	0.163%
22	9.386	1239	1241	1245	rVB	180869	159054	1.08%	0.148%
23	9.451	1250	1252	1257	rVB2	261365	367100	2.50%	0.340%
24	9.498	1257	1260	1261	rBV2	171159	161237	1.10%	0.150%
25	9.533	1264	1266	1268	rVB	201910	160781	1.09%	0.149%
26	9.710	1293	1296	1298	rBV	784461	646438	4.40%	0.600%
27	9.733	1298	1300	1302	rVV	459266	417560	2.84%	0.387%
28	9.751	1302	1303	1308	rVB2	314174	323022	2.20%	0.300%
29	9.822	1312	1315	1317	rVV	430403	370272	2.52%	0.343%
30	9.851	1317	1320	1321	rVV3	221636	217580	1.48%	0.202%
31	9.880	1322	1325	1330	rVB	750393	779534	5.31%	0.723%
32	9.933	1330	1334	1339	rBV	653024	761779	5.19%	0.707%
33	10.039	1347	1352	1356	rBV	693386	744006	5.06%	0.690%
34	10.169	1364	1374	1375	rBV5	303671	817618	5.57%	0.758%

LSC Area Percent Report

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Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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	10.227	1381	1384	1388	rBV	1802246	1534683	10.45%	1.423%
36	10.280	1391	1393	1399	rVB3	589717	859336	5.85%	0.797%
37	10.345	1401	1404	1406	rBV	804758	936429	6.37%	0.869%
38	10.369	1406	1408	1411	rVB	1291462	1009334	6.87%	0.936%
39	10.421	1411	1417	1419	rBV2	1683126	2070439	14.09%	1.920%
40	10.445	1419	1421	1423	rVV2	367825	273451	1.86%	0.254%
41	10.486	1426	1428	1430	rVV	1297621	1081316	7.36%	1.003%
42	10.510	1430	1432	1434	rVV	679718	665210	4.53%	0.617%
43	10.533	1434	1436	1441	rVB2	1602442	2108054	14.35%	1.955%
44	10.574	1441	1443	1445	rBV2	313314	339959	2.31%	0.315%
45	10.610	1445	1449	1451	rBV	2212144	2252778	15.34%	2.089%
46	10.639	1451	1454	1458	rVB2	1107154	1308943	8.91%	1.214%
47	10.692	1461	1463	1465	rVV	1021291	1057192	7.20%	0.981%
48	10.721	1465	1468	1471	rVB2	3115439	3282730	22.35%	3.045%
49	10.763	1471	1475	1479	rVB	3113810	3172077	21.59%	2.942%
50	10.804	1479	1482	1485	rBV3	2939068	3715981	25.30%	3.446%
51	10.833	1485	1487	1492	rVB	1928636	2016472	13.73%	1.870%
52	10.898	1494	1498	1502	rVV3	2780325	3136446	21.35%	2.909%
53	10.957	1507	1508	1509	rBV	348488	229320	1.56%	0.213%
54	10.980	1509	1512	1514	rVB	827432	703538	4.79%	0.653%
55	11.004	1514	1516	1520	rVB	1772434	1635222	11.13%	1.517%
56	11.039	1520	1522	1526	rVB3	1276609	1317408	8.97%	1.222%
57	11.098	1529	1532	1535	rBV	1318618	1717864	11.69%	1.593%
58	11.192	1543	1548	1551	rBV2	3276615	5123494	34.88%	4.752%
59	11.257	1555	1559	1562	rBV2	2574553	4759994	32.40%	4.415%
60	11.439	1587	1590	1592	rVB	1222624	1318757	8.98%	1.223%
61	11.480	1592	1597	1601	rBV3	2214125	4604596	31.35%	4.271%
62	11.663	1622	1628	1630	rBV	2531390	5793047	39.44%	5.373%
63	11.816	1652	1654	1656	rVB	1027666	772272	5.26%	0.716%
64	11.904	1664	1669	1675	rVB2	3077245	5539577	37.71%	5.138%
65	12.098	1691	1702	1705	rBV2	4282667	14689521	100.00%	13.624%
66	12.421	1754	1757	1760	rVB	1568842	1711266	11.65%	1.587%
67	12.457	1760	1763	1766	rBV	1617536	1902388	12.95%	1.764%
68	14.592	2123	2126	2133	rVB4	1302356	2305533	15.70%	2.138%
69	14.886	2172	2176	2182	rVB2	1601882	2416276	16.45%	2.241%
70	15.009	2193	2197	2200	rVB2	1063406	1353075	9.21%	1.255%
71	15.209	2227	2231	2238	rVB2	1111314	1695596	11.54%	1.573%

LSC Area Percent Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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	15.351	2252	2255	2260	rVB	541757	683997	4.66%	0.634%

Sum of corrected areas: 107819412

LSC Report - Integrated Chromatogram

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Data File : BF109558.D
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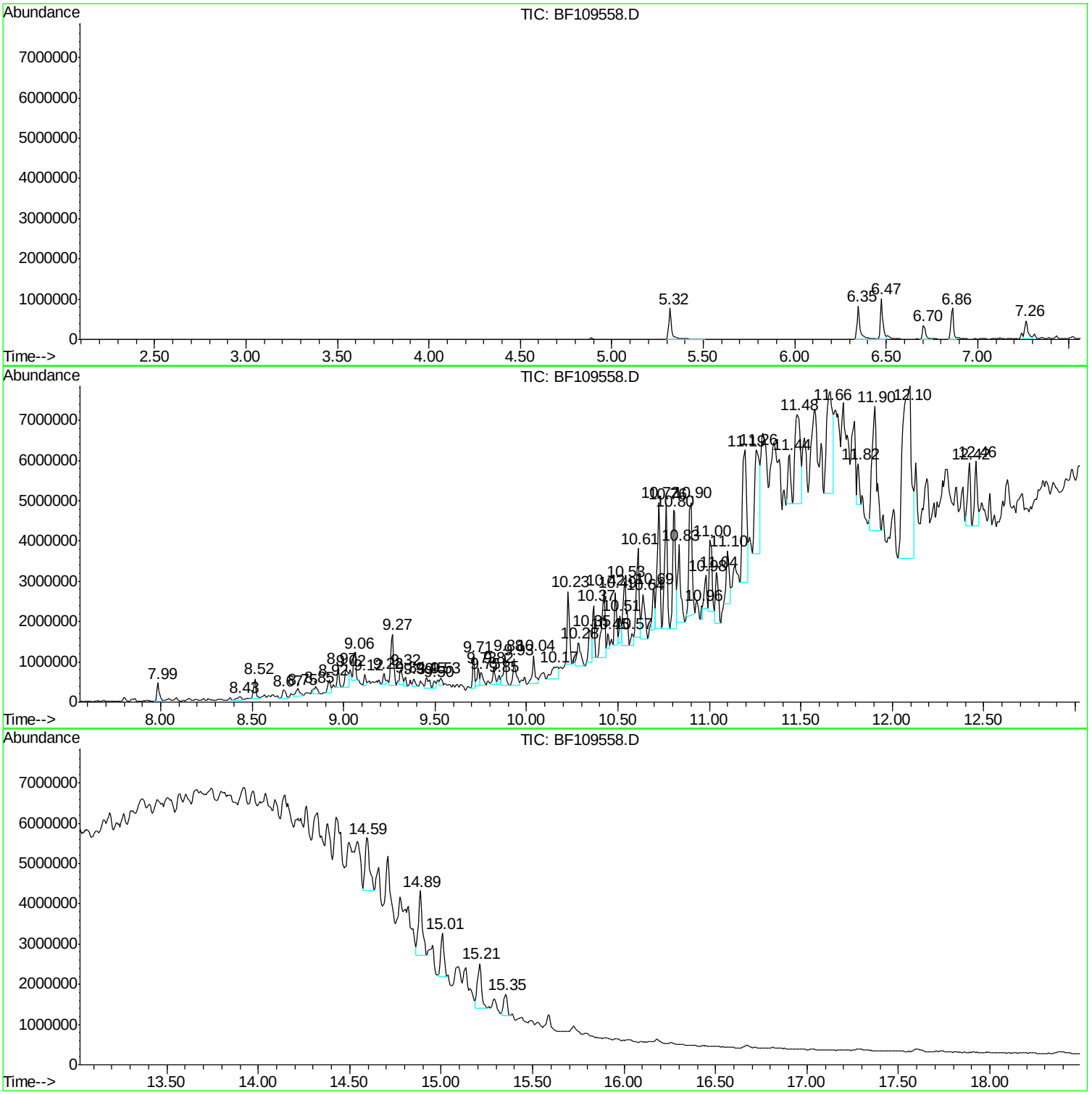
Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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\BF100318\
Data File : BF109558.D
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Instrument : BNA_F
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TIC Library : C:\DATABASE\NIST11.L
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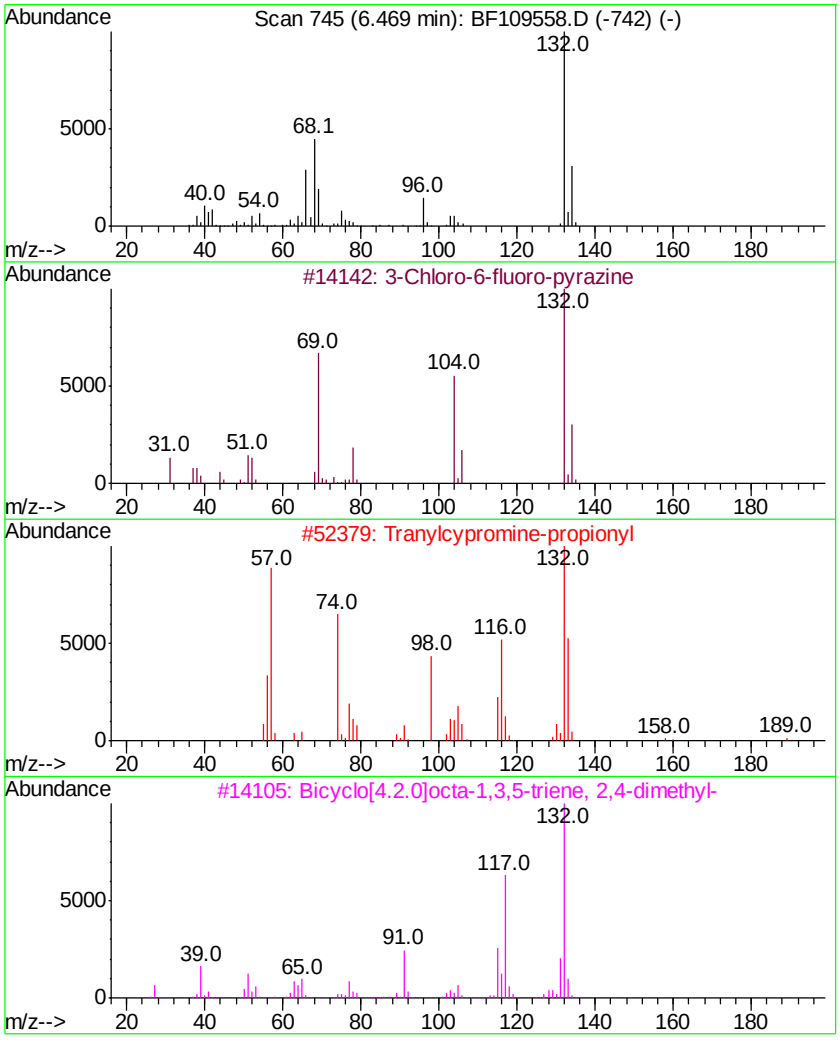
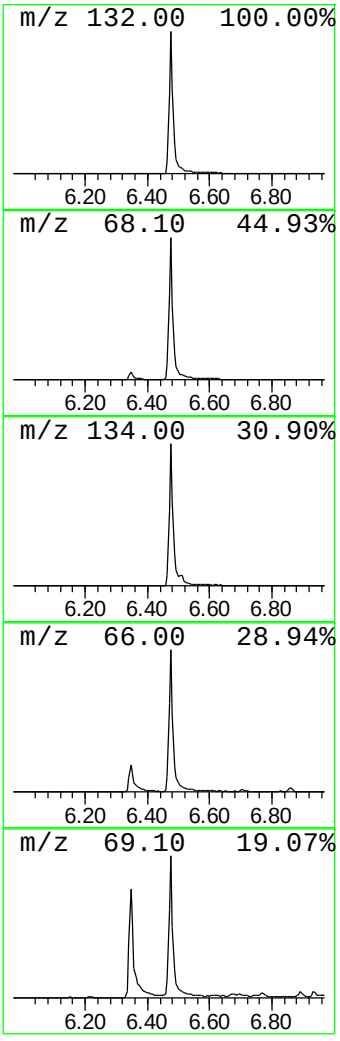
****

Peak Number 1 unknown6.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	50.90 ng	929830	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	35
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	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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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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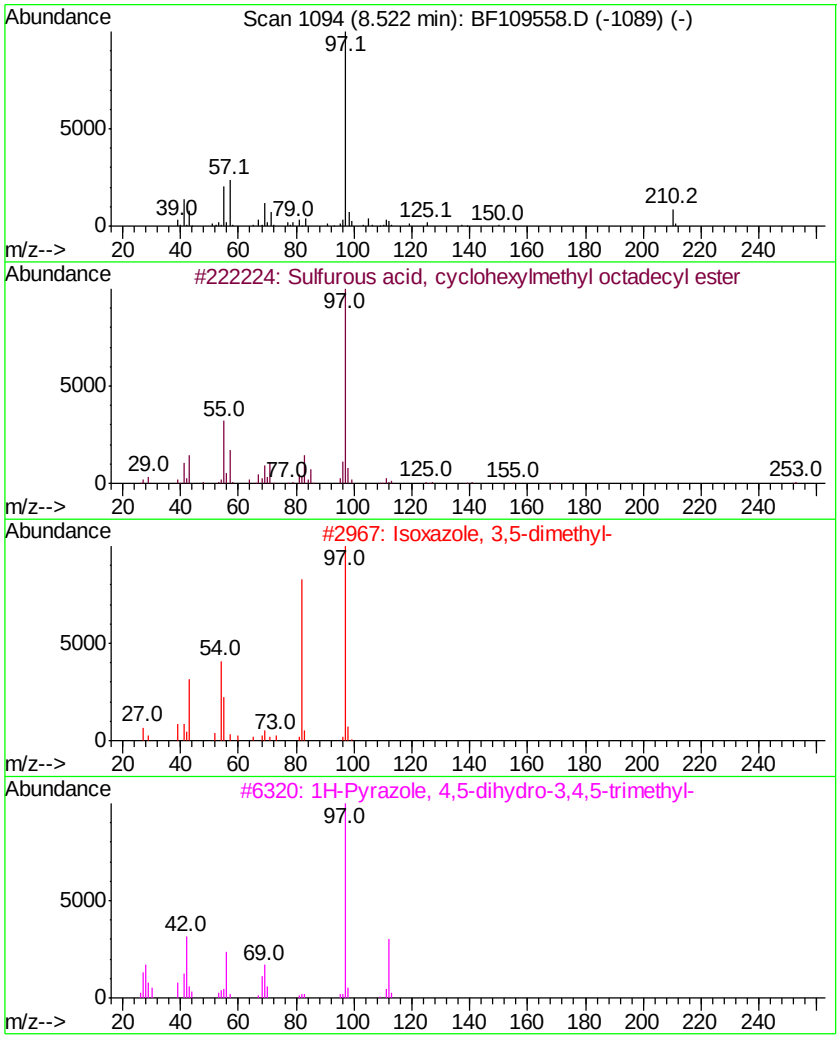
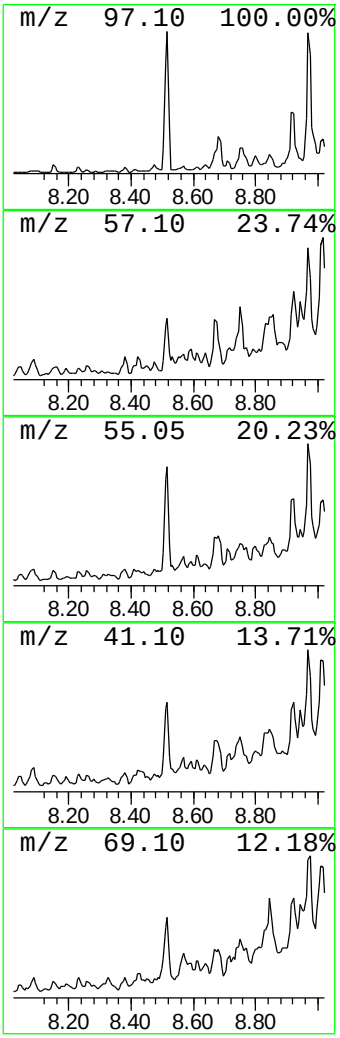
Peak Number 3 Sulfurous acid, cyclohexylm... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	21.79 ng	467011	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	56
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	50
3	1H-Pyrazole, 4,5-dihydro-3,4,5-t...	112	C6H12N2	022591-95-3	40
4	Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	40
5	1-(Trimethylsilyl)-1-propyne	112	C6H12Si	006224-91-5	40





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Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
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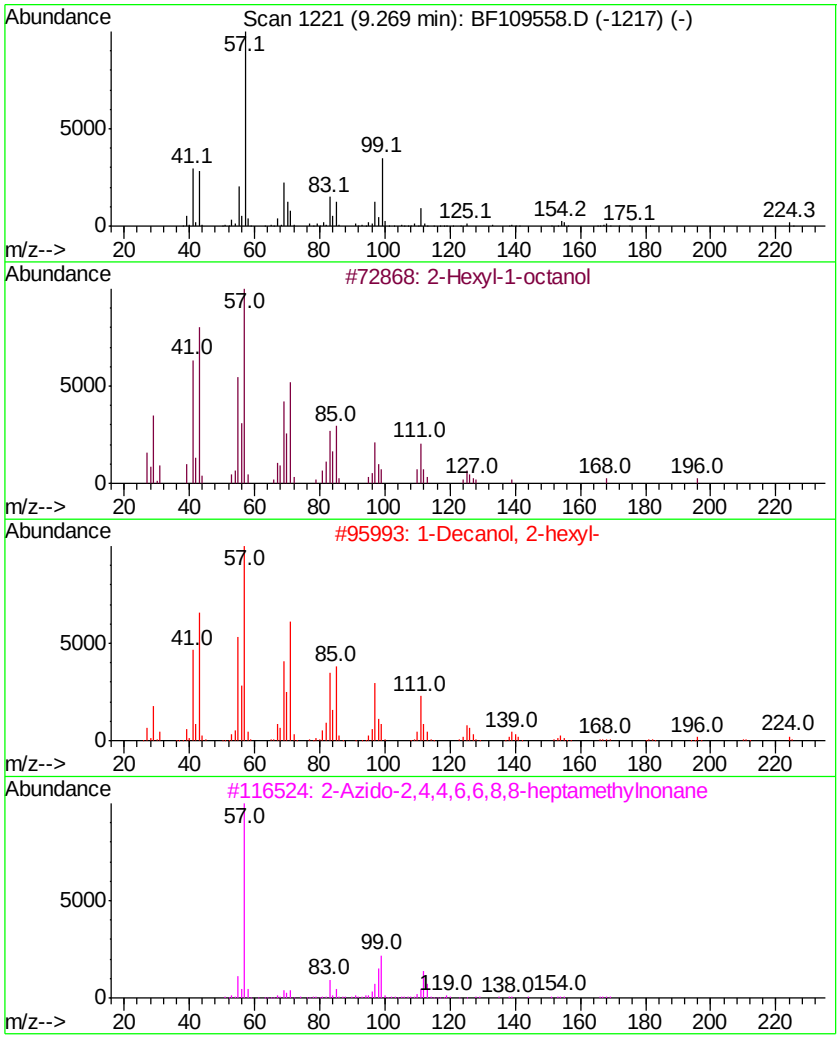
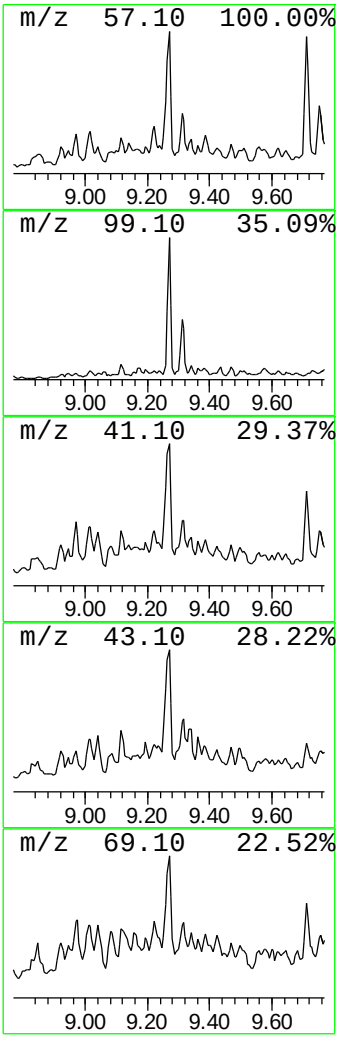
Peak Number 4 2-Hexyl-1-octanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	70.38 ng	1469410	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	59
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	50
3	2-Azido-2,4,4,6,6,8,8-heptamethy...	267	C16H33N3	1000293-29-1	47
4	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	47
5	Heptacosane	380	C27H56	000593-49-7	45





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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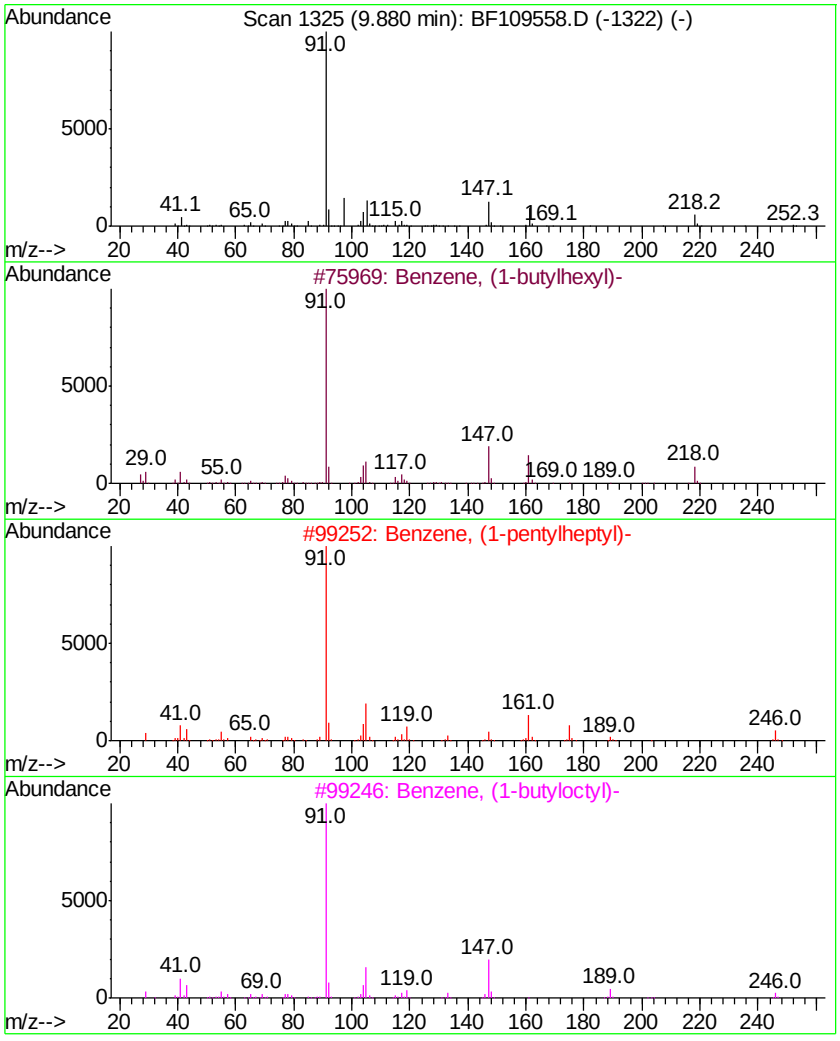
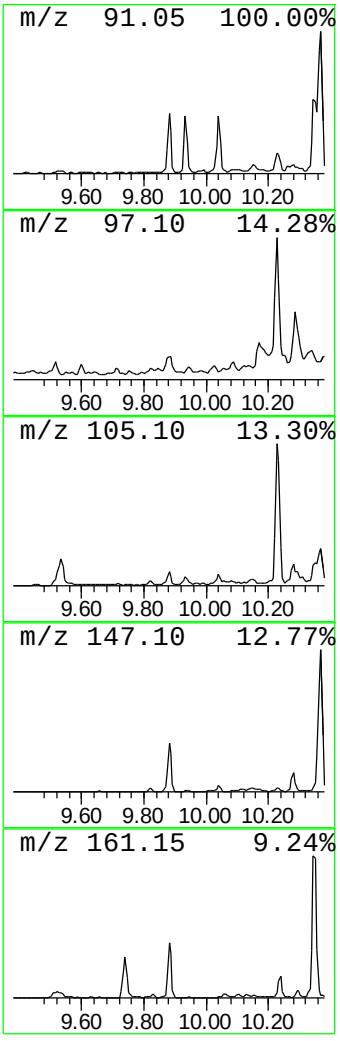
Peak Number 5 Benzene, (1-butylhexyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	37.34 ng	779534	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	86
2	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	50
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	47
4	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	47
5	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	47





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
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TIC Library : C:\DATABASE\NIST11.L
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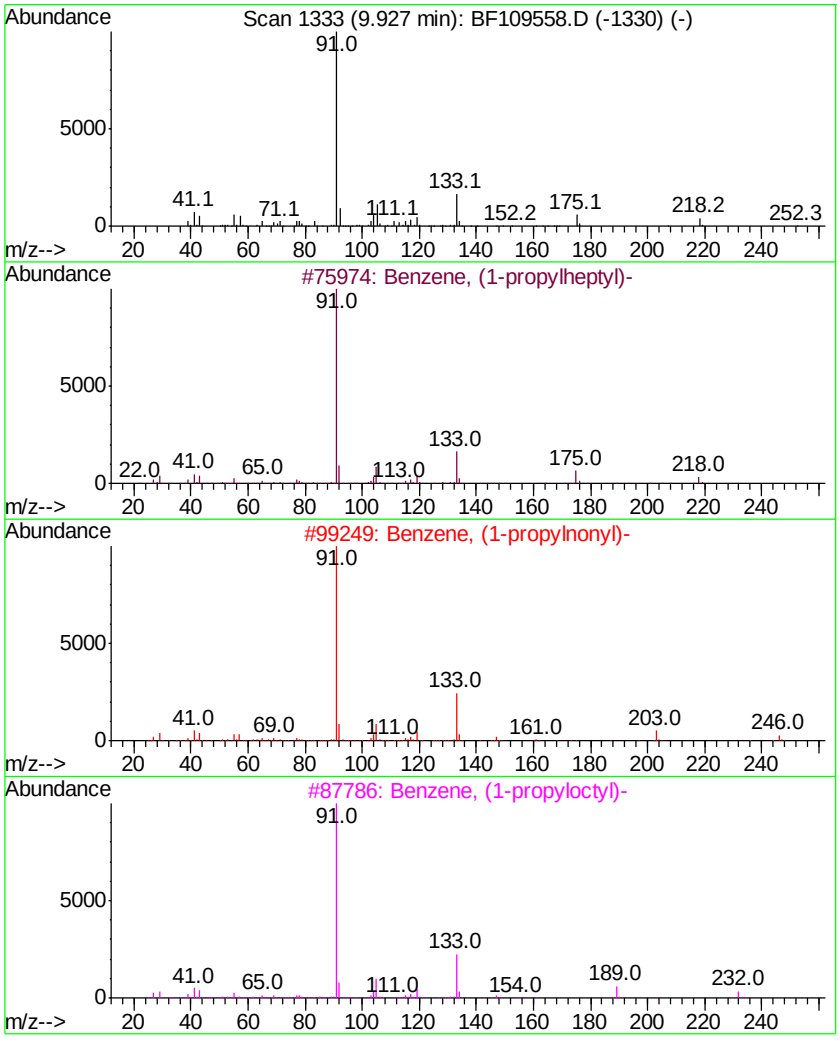
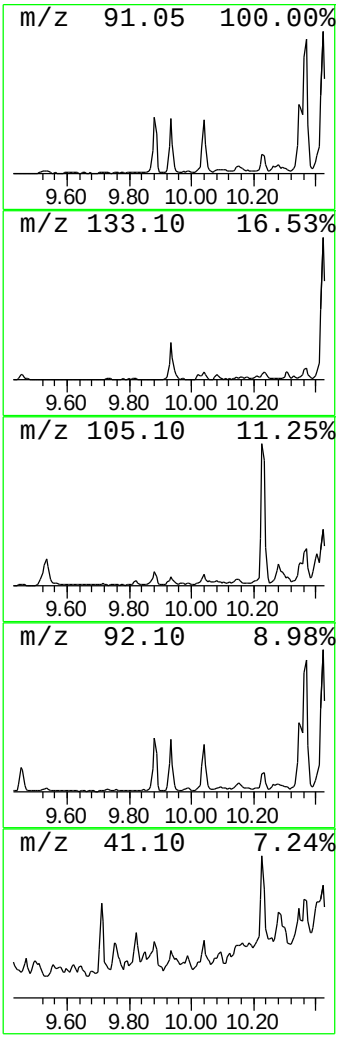
****

Peak Number 6 Benzene, (1-propylheptyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	36.49 ng	761779	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	95
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	64
3	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	64
4	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	59
5	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	49





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Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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

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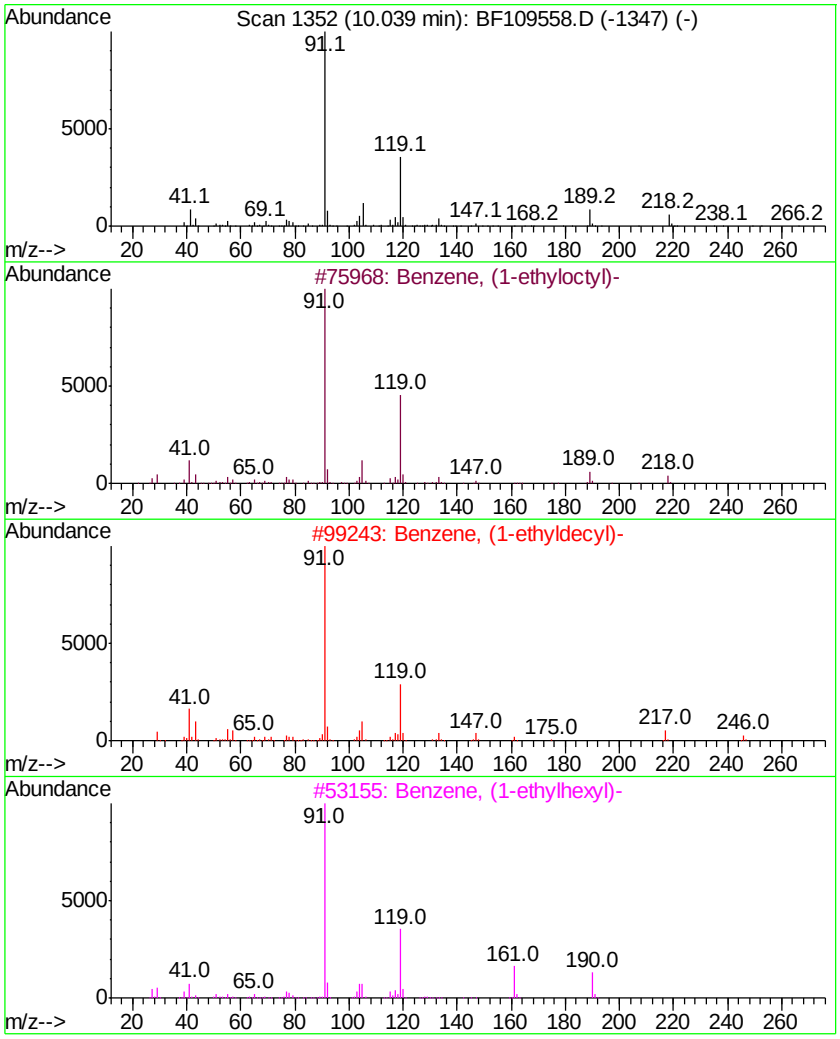
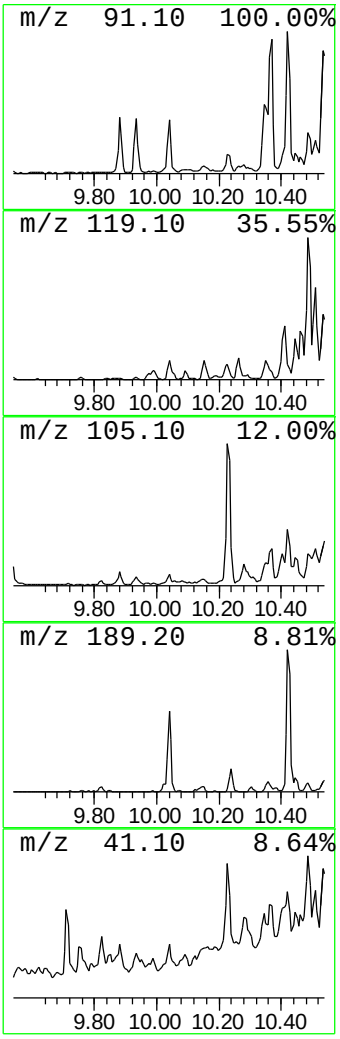
Peak Number 7 Benzene, (1-ethyloctyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	35.64 ng	744006	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	91
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	72
3	Benzene, (1-ethylhexyl)-	190	C14H22	018335-15-4	59
4	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109558.D
Acq On : 3 Oct 2018 20:29
Operator : JU/SJ
Sample : J5218-01
Misc :
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Instrument : BNA_F
ClientSampleId : 280-356

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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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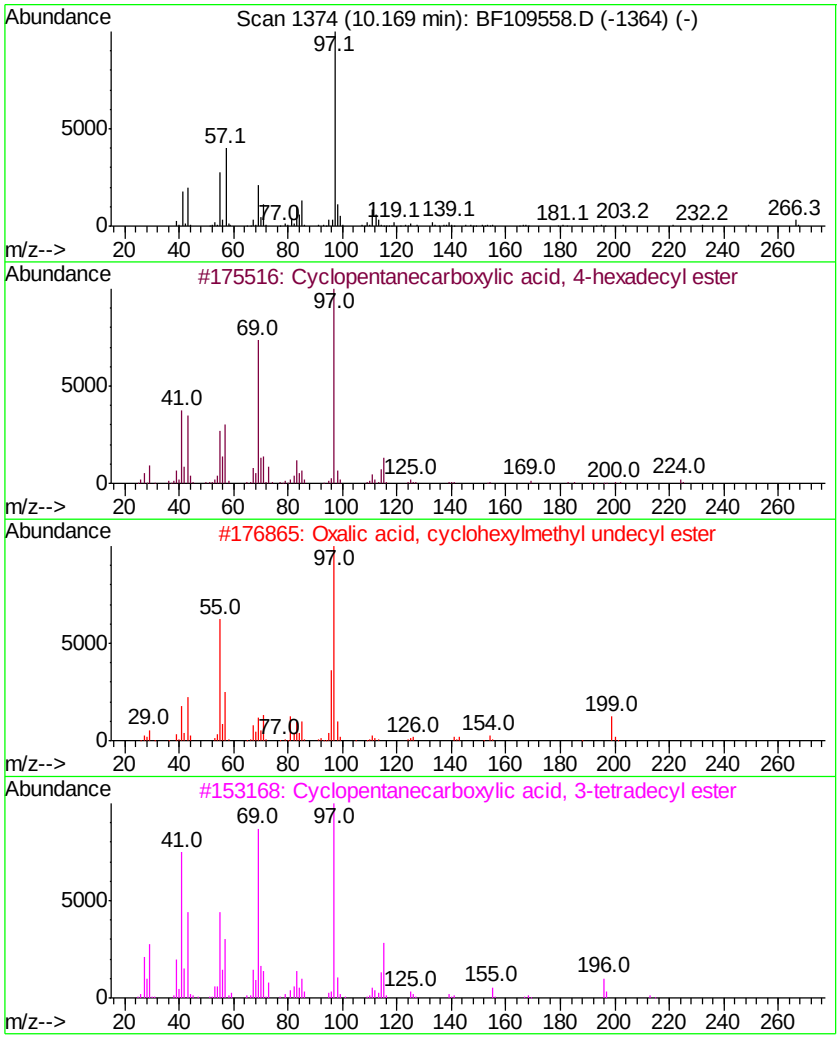
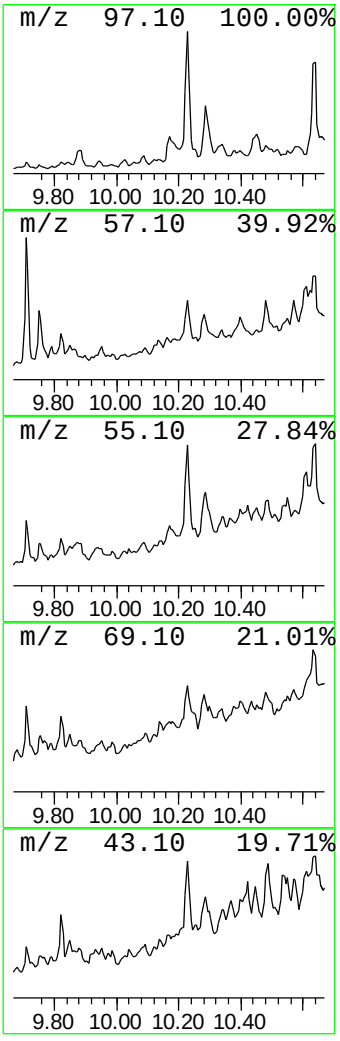
Peak Number 8 Cyclopentanecarboxylic acid... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	39.16 ng	817618	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	78
2	Oxalic acid, cyclohexylmethyl un...	340	C20H36O4	1000309-68-8	72
3	Cyclopentanecarboxylic acid, 3-t...	310	C20H38O2	1000280-58-8	64
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
5	Triallylmethylsilane	166	C10H18Si	001112-91-0	64





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Misc :
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Instrument : BNA_F
ClientSampleId : 280-356

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

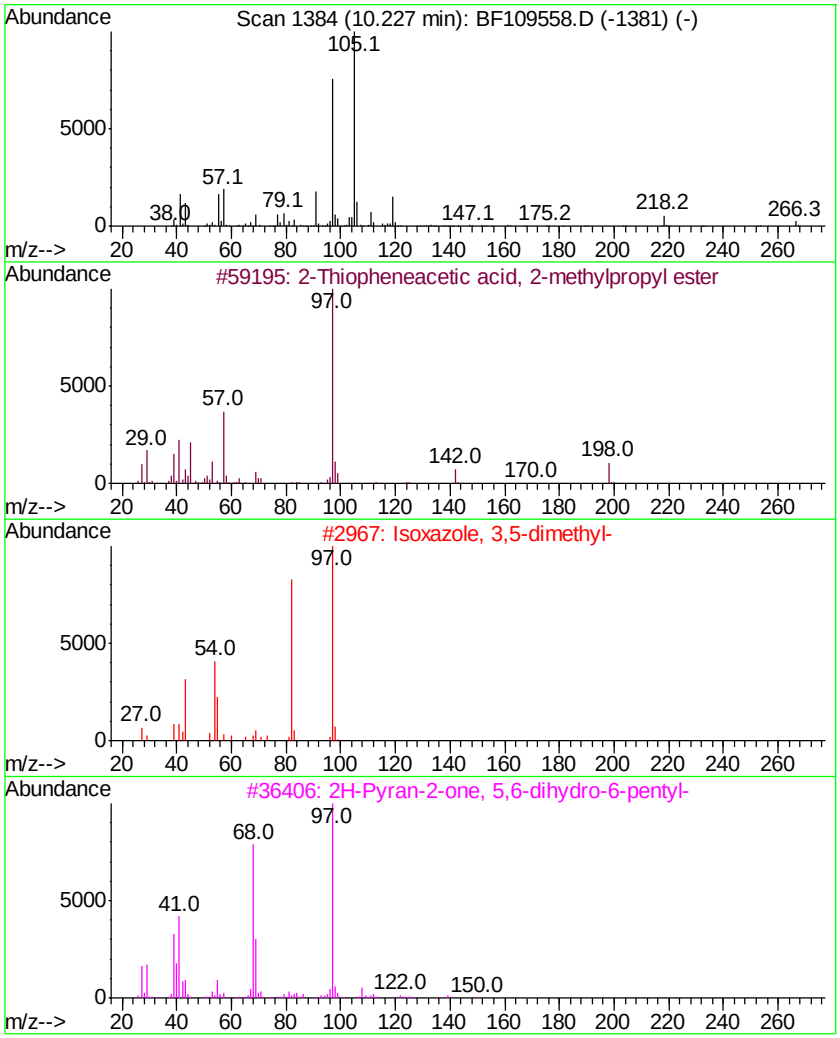
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

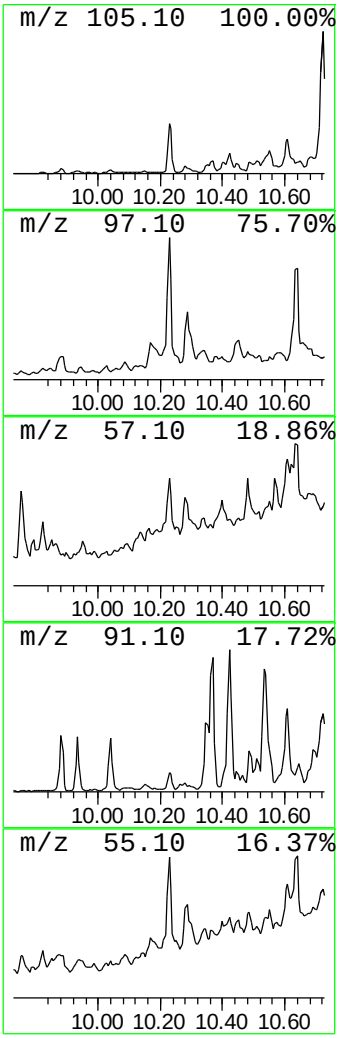
****

Peak Number 9 unknown10.23 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	73.51 ng	1534680	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-methyl...	198	C10H14O2S	1000278-95-4	43
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	43
3	2H-Pyran-2-one, 5,6-dihydro-6-pe...	168	C10H16O2	054814-64-1	43
4	Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	38
5	2-Thiopheneacetic acid, 2-butyl ...	198	C10H14O2S	1000278-92-0	37





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Instrument : BNA_F
ClientSampleId : 280-356

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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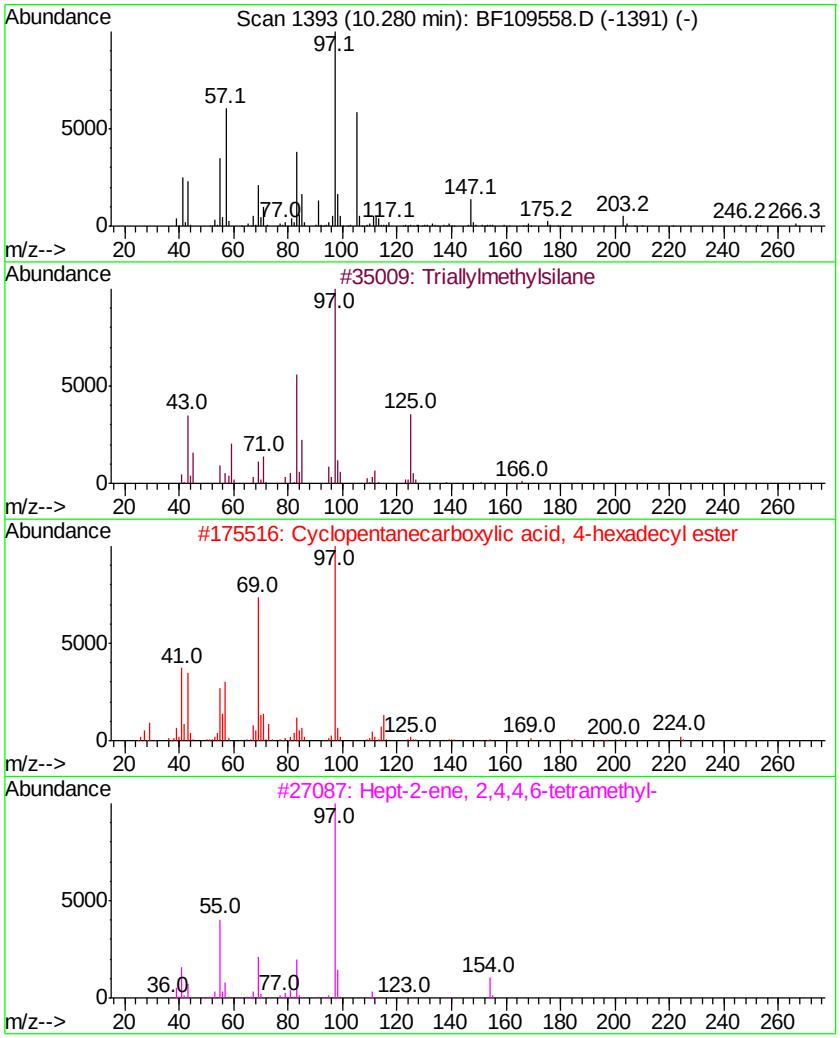
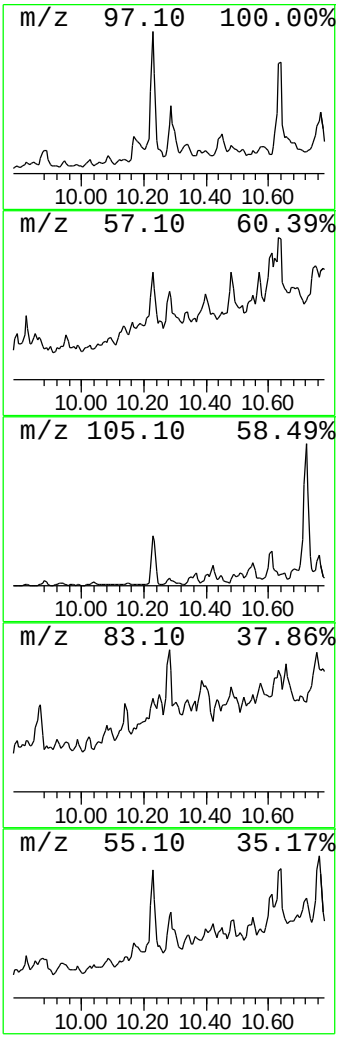
Peak Number 10 Triallylmethylsilane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	41.16 ng	859336	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylmethylsilane	166	C10H18Si	001112-91-0	64
2	Cyclopentanecarboxylic acid, 4-h...	338	C22H42O2	1000282-77-5	50
3	Hept-2-ene, 2,4,4,6-tetramethyl-	154	C11H22	103982-58-7	50
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	50
5	Thiophene, 2-butyl-	140	C8H12S	001455-20-5	49





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ClientSampleId : 280-356

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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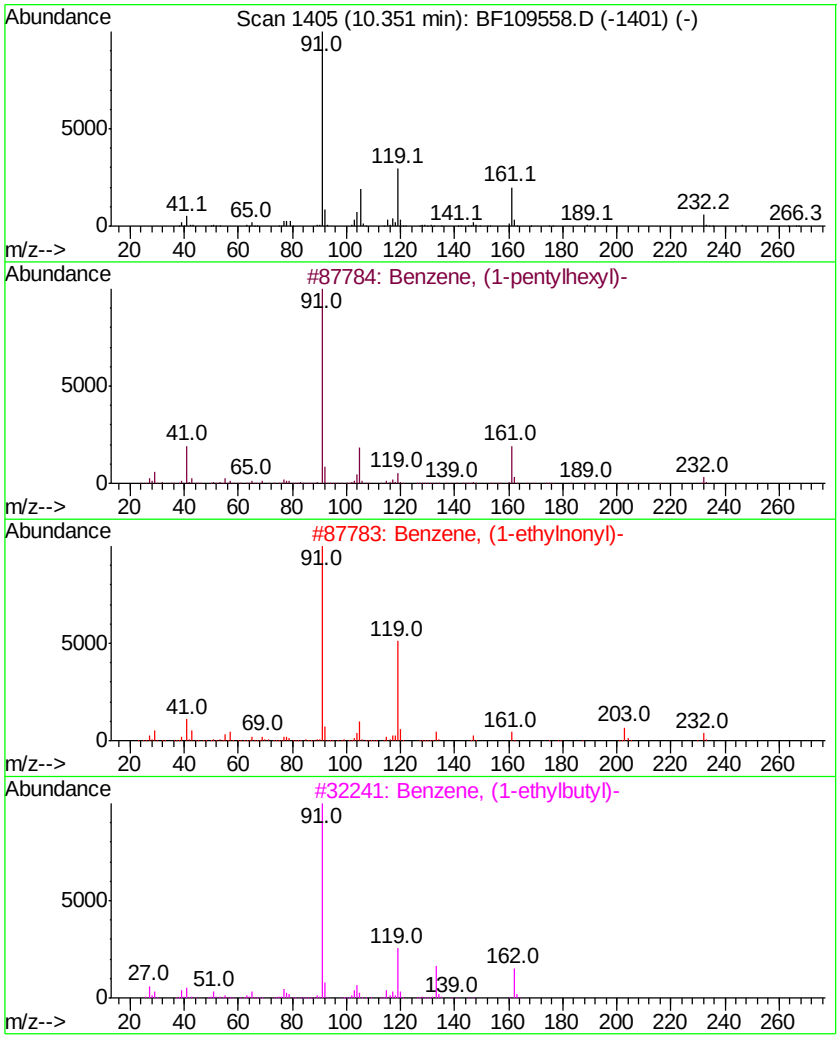
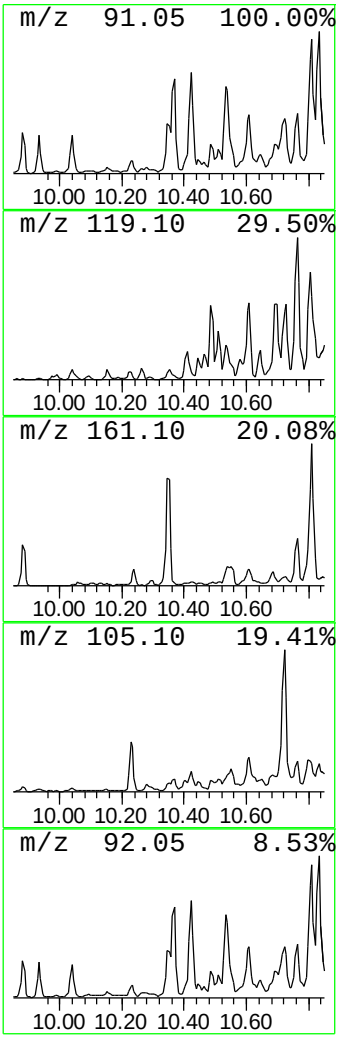
Peak Number 11 Benzene, (1-pentylhexyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	44.85 ng	936429	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	91
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	52
3	Benzene, (1-ethylbutyl)-	162	C12H18	004468-42-2	43
4	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	38
5	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	32





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Sample : J5218-01
Misc :
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Instrument : BNA_F
ClientSampleId : 280-356

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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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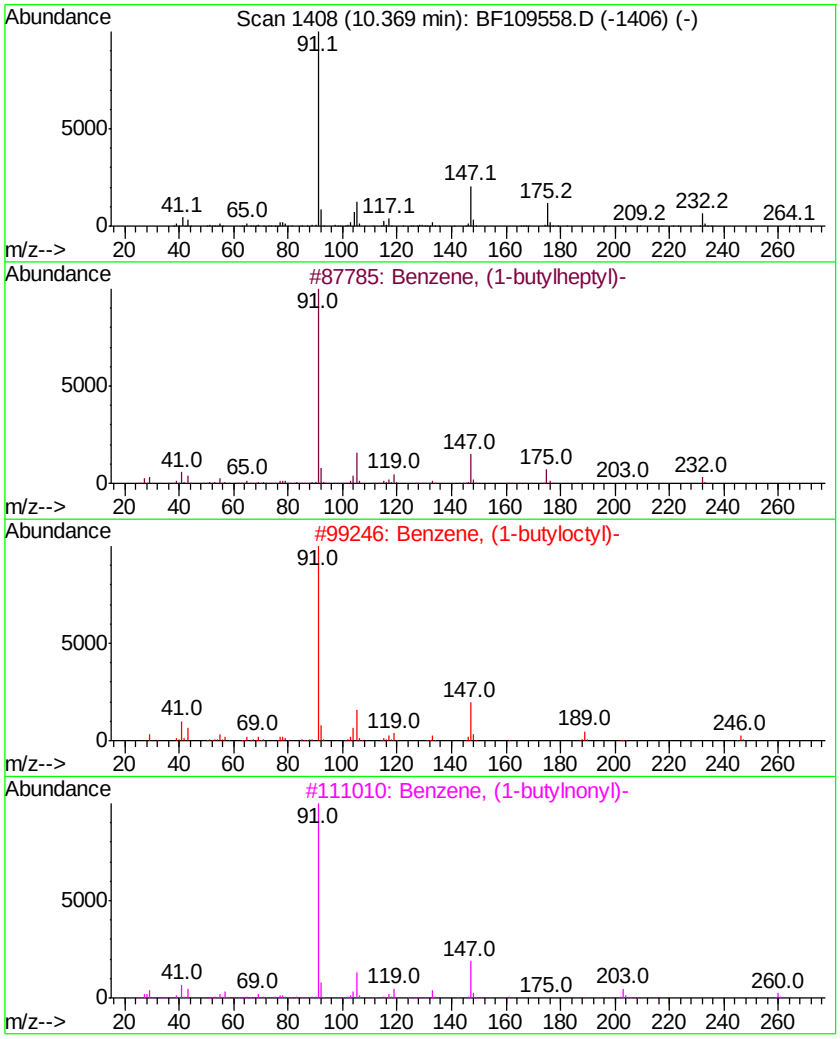
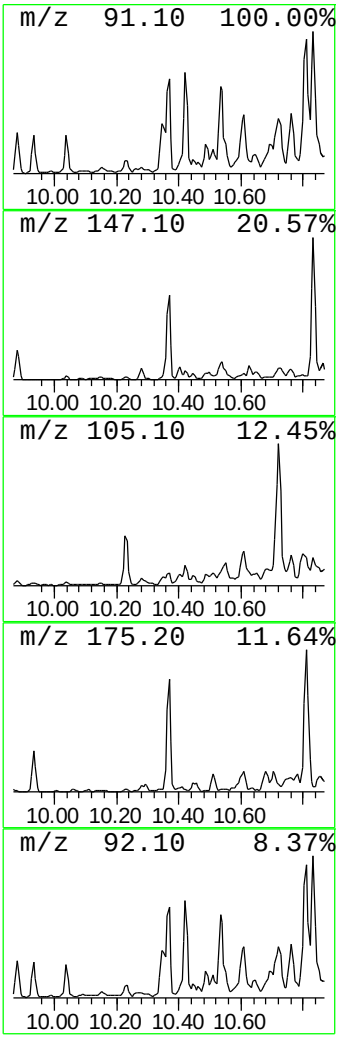
Peak Number 12 Benzene, (1-butylheptyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	48.34 ng	1009330	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	91
2	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	59
3	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	53
4	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	50
5	1-Benzylazetidine	147	C10H13N	007730-39-4	50





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ClientSampleId : 280-356

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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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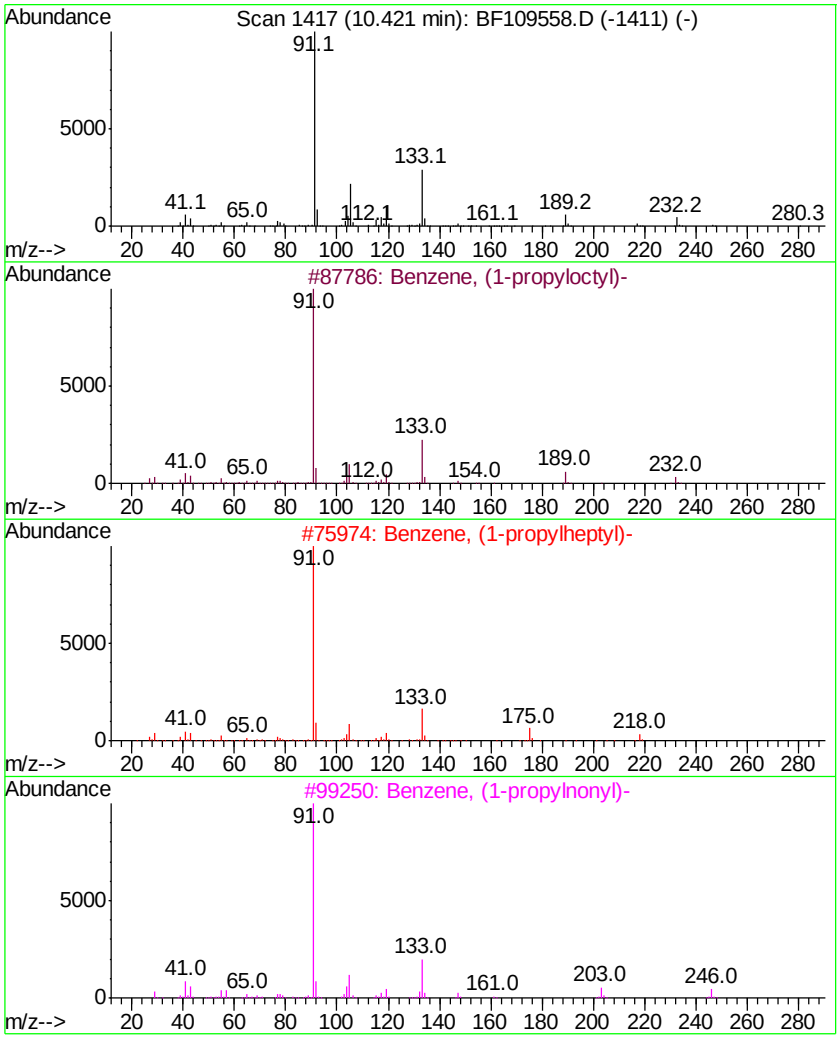
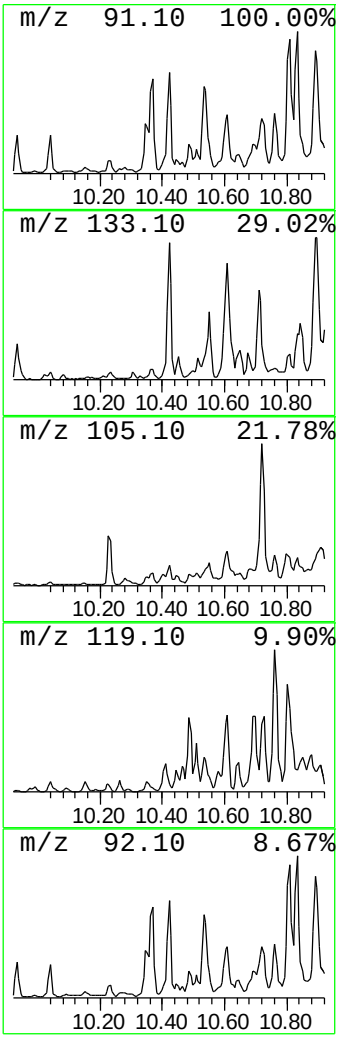
Peak Number 13 Benzene, (1-propyloctyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	99.17 ng	2070440	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	87
2	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	64
3	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	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 : J5218-01
Misc :
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Instrument : BNA_F
ClientSampleId : 280-356

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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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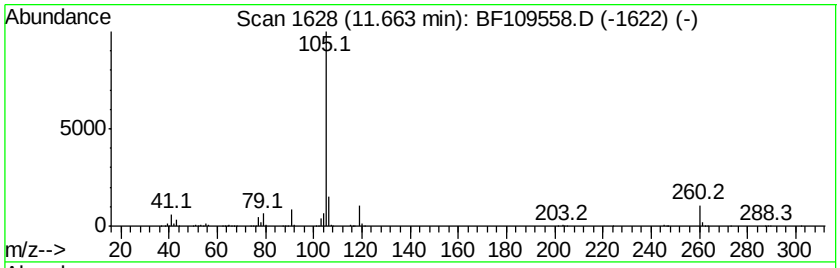
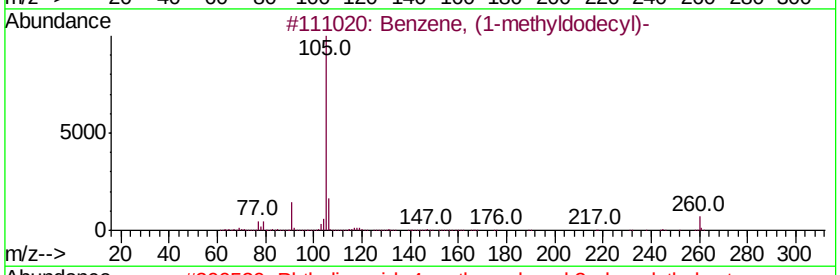
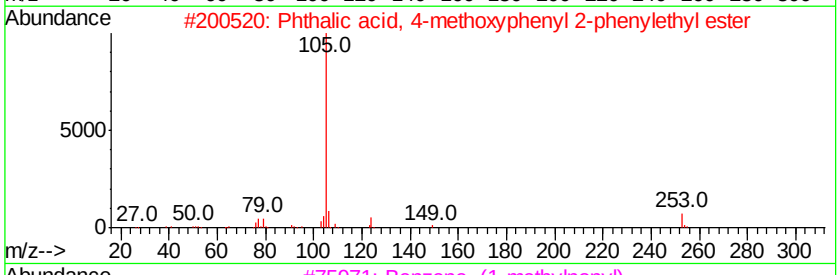
Peak Number 14 Benzene, (1-methyldodecyl)- Concentration Rank 17

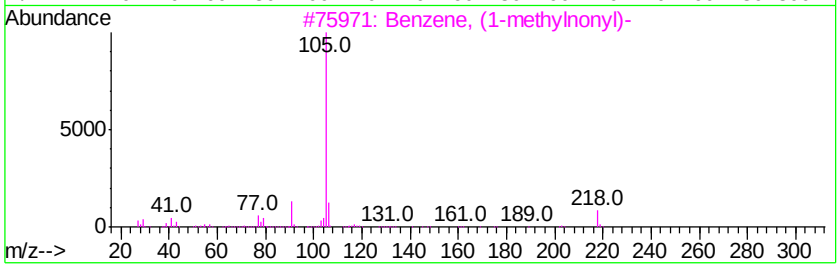
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	24.34 ng	5793050	Phenanthrene-d10	11.23

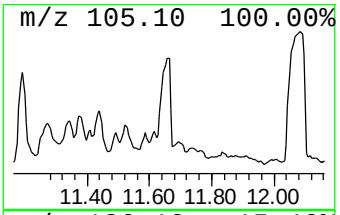
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	72
2	Phthalic acid, 4-methoxyphenyl 2...	376	C23H20O5	1000315-58-2	43
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	43
4	Pentadecane, 2-phenyl-	288	C21H36	004534-66-1	40
5	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	38

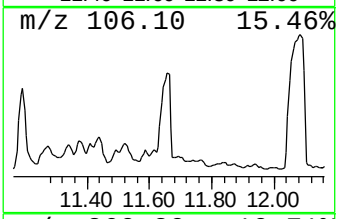


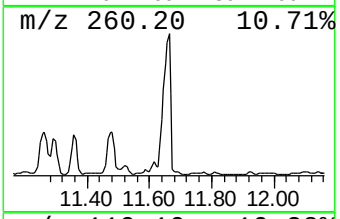


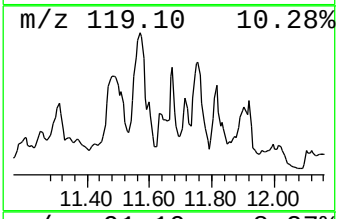


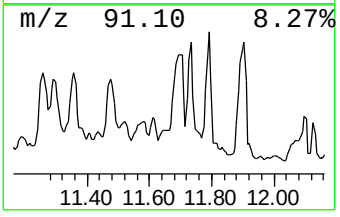












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Sample : J5218-01
Misc :
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Instrument : BNA_F
ClientSampleId : 280-356

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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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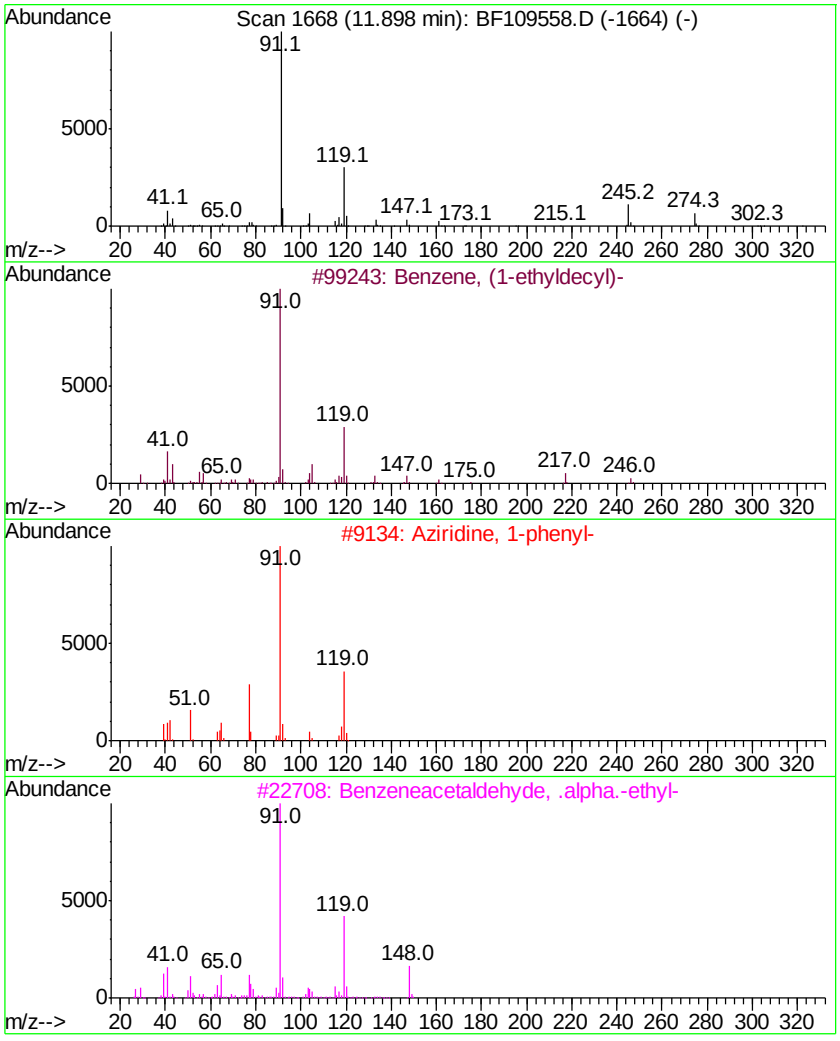
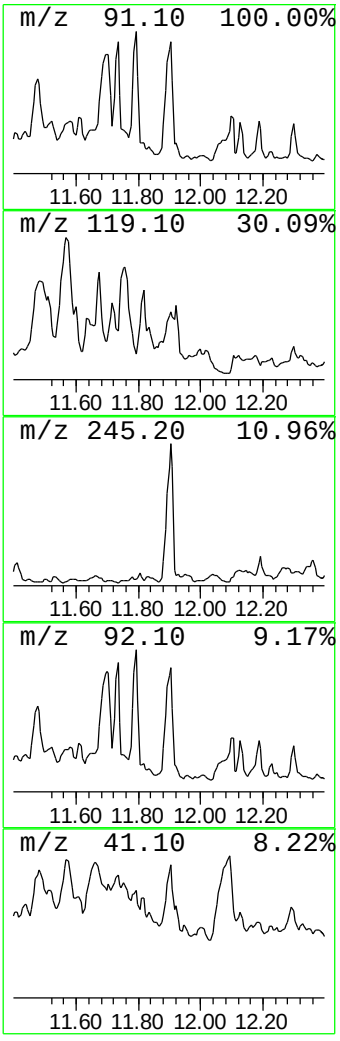
Peak Number 15 Benzene, (1-ethyldecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	23.28 ng	5539580	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	72
2	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	59
3	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	59
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	47
5	Benzene, [1-(chloromethyl)propyl]-	168	C10H13Cl	064343-08-4	45





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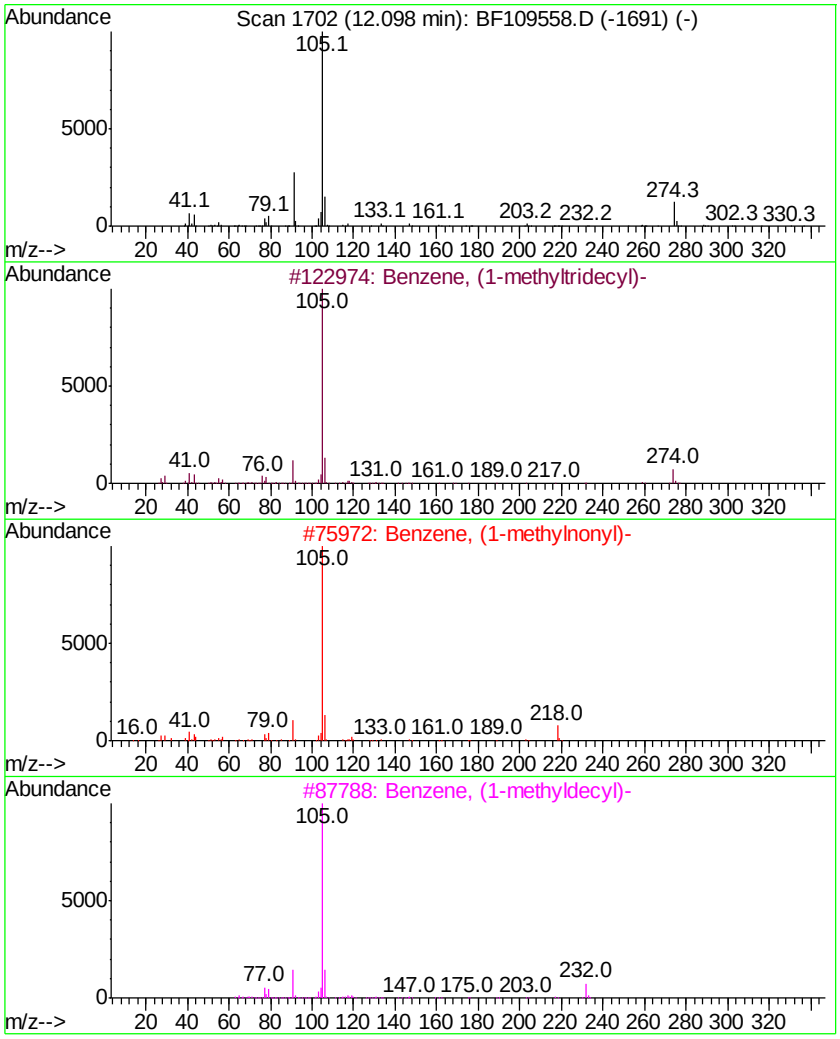
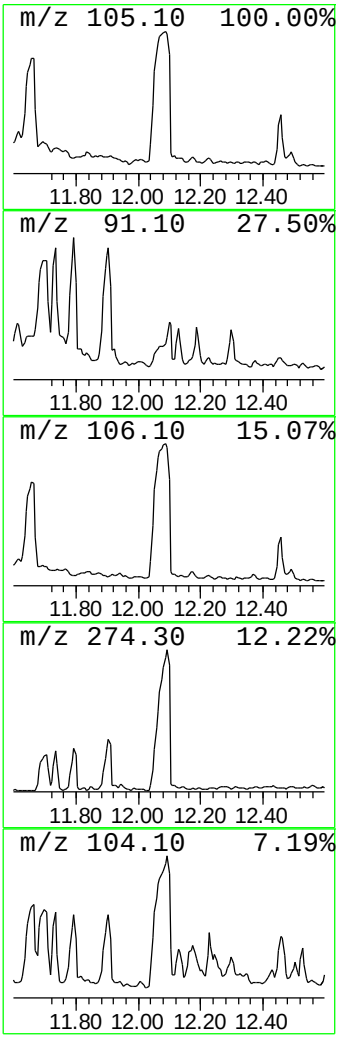
Peak Number 16 Benzene, (1-methyltridecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	61.72 ng	14689500	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	72
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	47
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	47
4	Benzene, (2-ethenyl-1,4,4-trimet...	216	C16H24	074810-76-7	47
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	47





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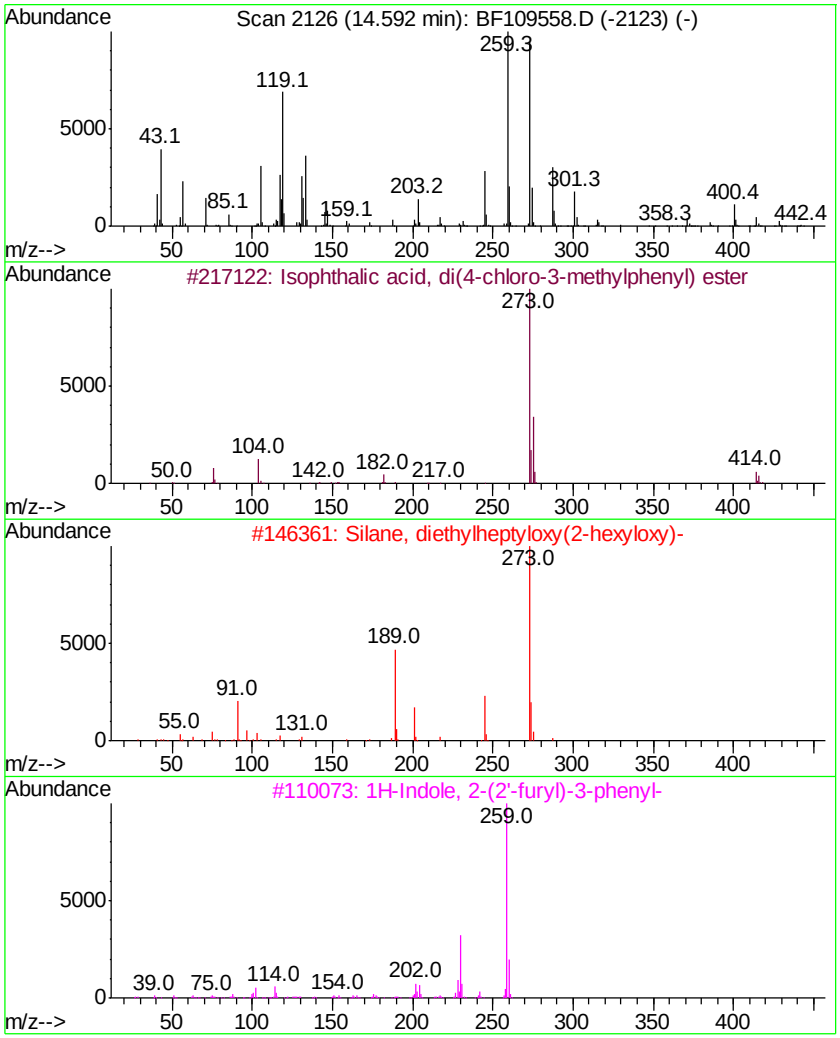
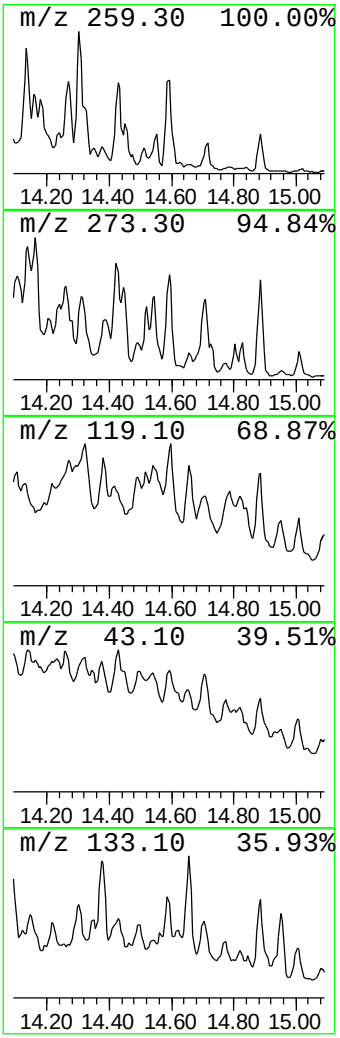
Peak Number 17 unknown14.59 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	20.00 ng	2305530	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, di(4-chloro-3-...	414	C22H16Cl2O4	1000344-59-8	22
2	Silane, diethylheptyloxy(2-hexyl...	302	C17H38O2Si	1000363-50-2	16
3	1H-Indole, 2-(2'-furyl)-3-phenyl-	259	C18H13NO	163064-82-2	14
4	Octahydroxanthen-1,9-dione, 3,3,...	316	C20H28O3	030038-63-2	14
5	1,4-Benzenediamine, N,N-dimethyl...	259	C13H13N3O3	126893-37-6	14





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ClientSampleId : 280-356

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

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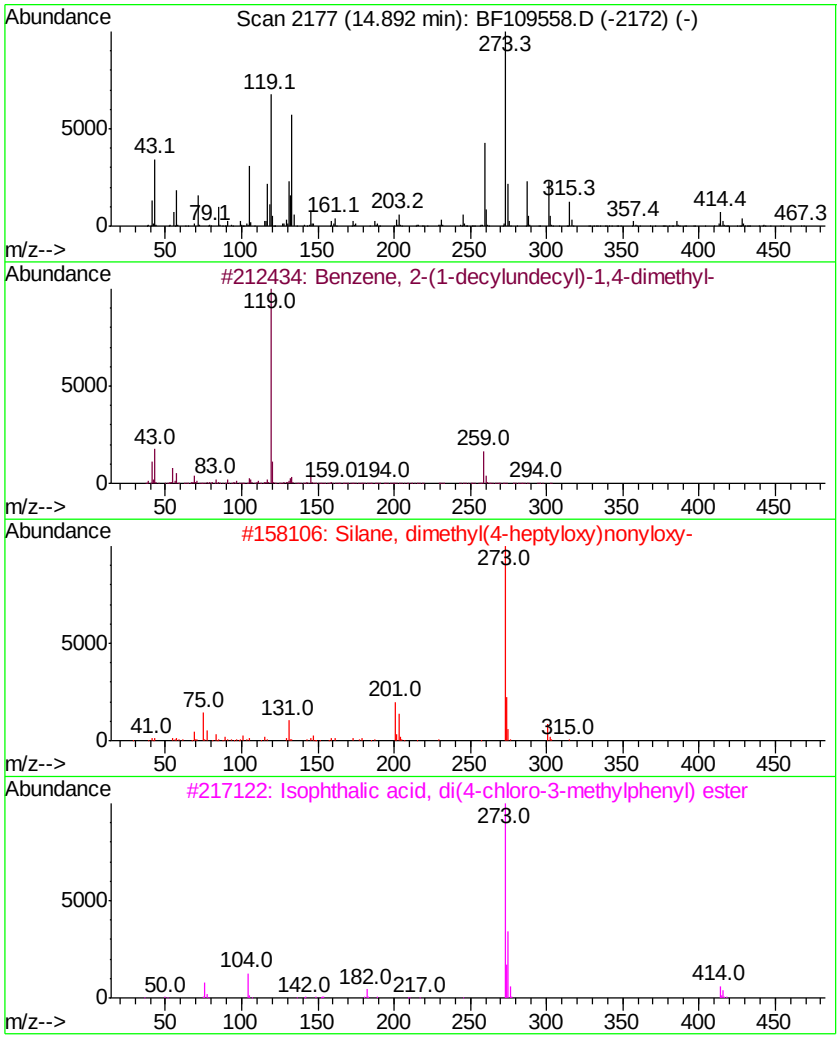
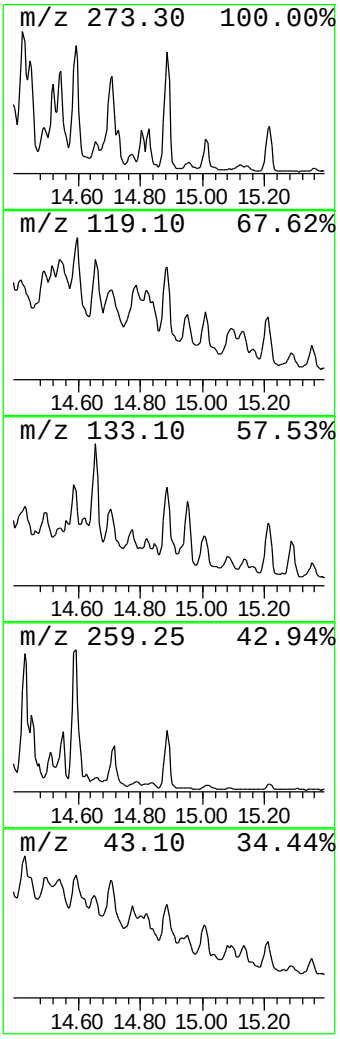
Peak Number 18 unknown14.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	70.65 ng	2416280	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	27
2	Silane, dimethyl(4-heptyloxy)non...	316	C18H40O2Si	1000347-60-4	22
3	Isophthalic acid, di(4-chloro-3-...	414	C22H16Cl2O4	1000344-59-8	14
4	N-Methylpiperidino[2,4-b,c]1,2,3...	273	C18H27NO	1000128-54-7	14
5	3,3,6,6,9-Pentamethyl-3,4,5,6,7,...	288	C18H24O3	019225-63-9	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109558.D
Acq On : 3 Oct 2018 20:29
Operator : JU/SJ
Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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

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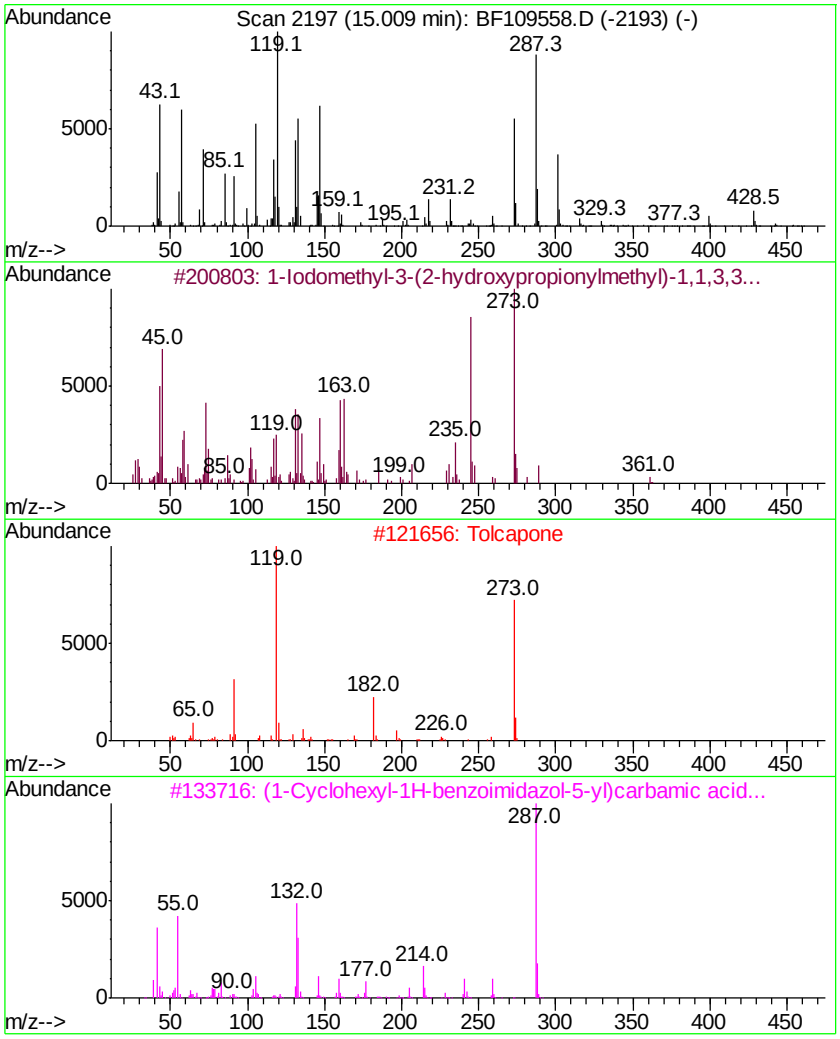
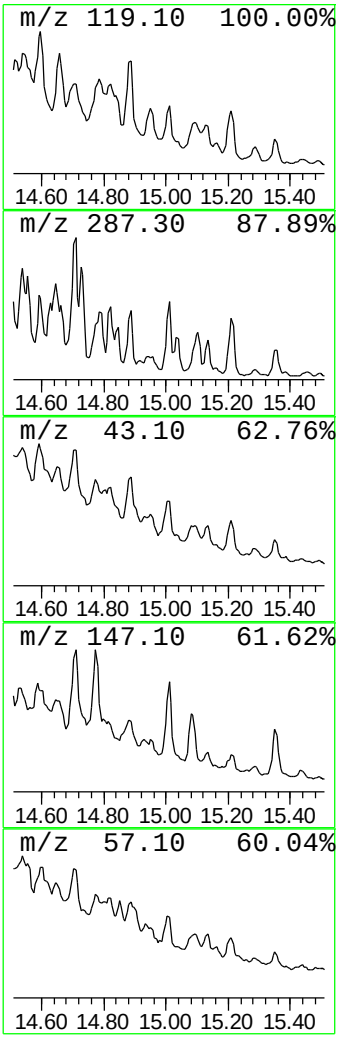
Peak Number 19 unknown15.01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	39.56 ng	1353080	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodomethyl-3-(2-hydroxypropion...	376	C9H21IO4Si2	1000280-22-1	35
2	Tolcapone	273	C14H11NO5	134308-13-7	22
3	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	20
4	Silane, diethylbutoxy(2-decyloxy)-	316	C18H40O2Si	1000363-44-4	16
5	1H-Indole-2,3-dione	147	C8H5NO2	000091-56-5	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109558.D
Acq On : 3 Oct 2018 20:29
Operator : JU/SJ
Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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

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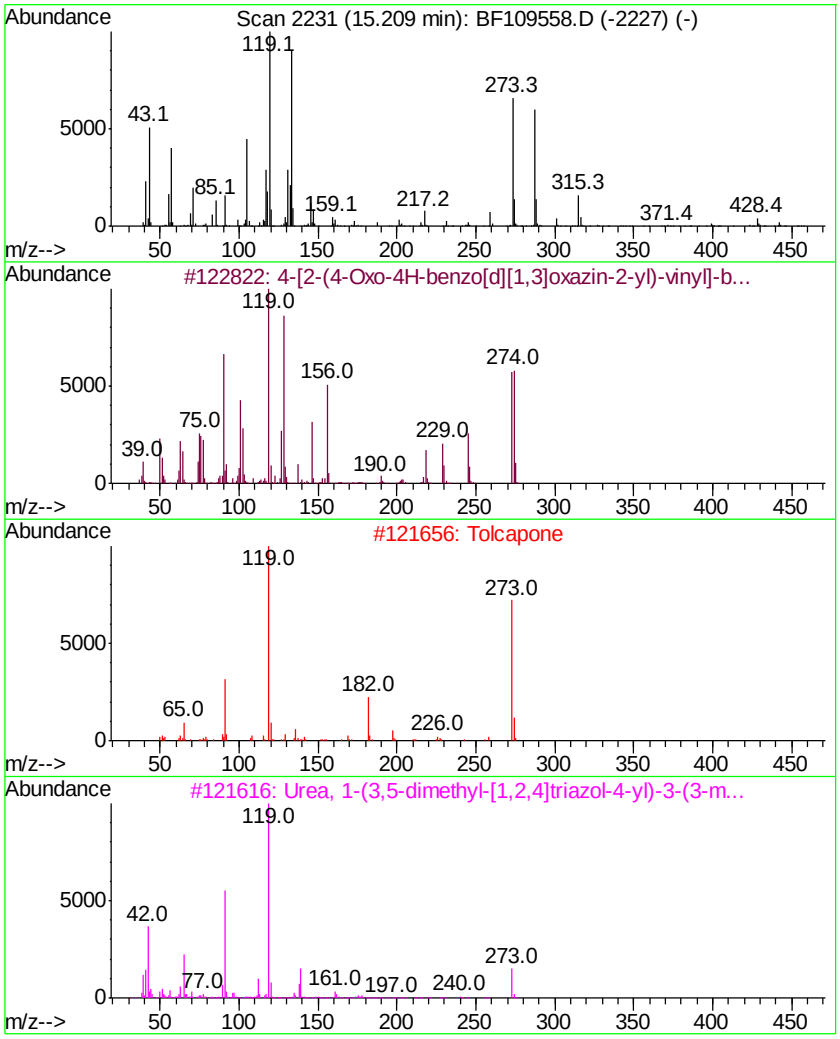
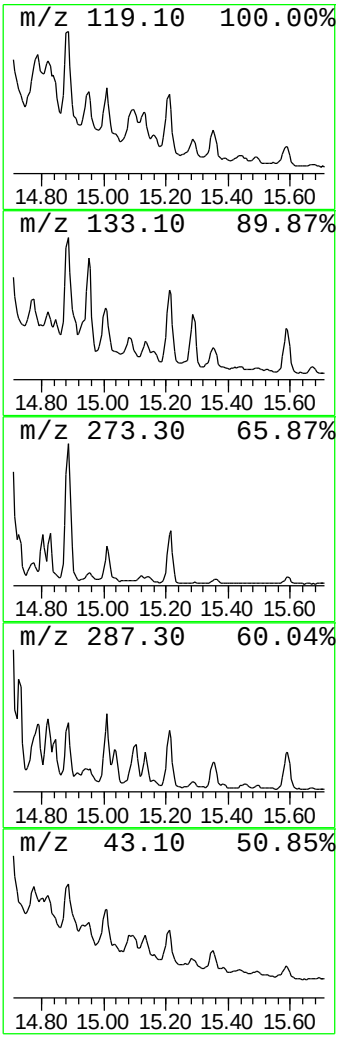
Peak Number 20 unknown15.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	49.58 ng	1695600	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-[2-(4-Oxo-4H-benzo[d][1,3]oxaz...	274	C17H10N2O2	1000297-20-9	42
2	Tolcapone	273	C14H11NO5	134308-13-7	30
3	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-81-1	16
4	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	14
5	5-(p-Nitrophenoxymethyl)-3-(2-py...	315	C15H13N3O5	005234-12-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109558.D
Acq On : 3 Oct 2018 20:29
Operator : JU/SJ
Sample : J5218-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 280-356

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	50.9	ng	929830	1	6.70	365363	20.0
Sulfurous acid, c...	8.52	21.8	ng	467011	2	7.99	428701	20.0
2-Hexyl-1-octanol	9.27	70.4	ng	1469410	3	9.73	417560	20.0
Benzene, (1-butyl...	9.88	37.3	ng	779534	3	9.73	417560	20.0
Benzene, (1-propy...	9.93	36.5	ng	761779	3	9.73	417560	20.0
Benzene, (1-ethyl...	10.04	35.6	ng	744006	3	9.73	417560	20.0
Cyclopentanecarbo...	10.17	39.2	ng	817618	3	9.73	417560	20.0
unknown10.23	10.23	73.5	ng	1534680	3	9.73	417560	20.0
Triallylmethylsilane	10.28	41.2	ng	859336	3	9.73	417560	20.0
Benzene, (1-penty...	10.35	44.9	ng	936429	3	9.73	417560	20.0
Benzene, (1-butyl...	10.37	48.3	ng	1009330	3	9.73	417560	20.0
Benzene, (1-propy...	10.42	99.2	ng	2070440	3	9.73	417560	20.0
Benzene, (1-methy...	11.66	24.3	ng	5793050	4	11.23	4759990	20.0
Benzene, (1-ethyl...	11.90	23.3	ng	5539580	4	11.23	4759990	20.0
Benzene, (1-methy...	12.10	61.7	ng	14689500	4	11.23	4759990	20.0
unknown14.59	14.59	20.0	ng	2305530	5	13.90	2305530	20.0
unknown14.89	14.89	70.7	ng	2416280	6	15.30	683997	20.0
unknown15.01	15.01	39.6	ng	1353080	6	15.30	683997	20.0
unknown15.21	15.21	49.6	ng	1695600	6	15.30	683997	20.0