LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

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-BF083019.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	5.463	569	574	578	rBV	2677807	2815877	63.78%	3.854%
2	6.475	741	746	751	rBV	2771486	3166276	71.72%	4.334%
3	6.616	765	770	773	rBV	3159904	3046038	69.00%	4.169%
4	6.845	805	809	813	rBV	836327	646497	14.64%	0.885%
5	7.004	832	836	839	rBV	2781604	2275004	51.53%	3.114%
6	7.404	897	904	907	rBV	2072132	1930281	43.72%	2.642%
7	8.128	1023	1027	1030	rBV	1058341	835554	18.93%	1.144%
8	8.657	1114	1117	1119	rBV	132008	123849	2.81%	0.170%
9	8.710	1122	1126	1128	rBV4	70416	97358	2.21%	0.133%
10	8.810	1140	1143	1147	rBV3	79313	116686	2.64%	0.160%
11	8.892	1154	1157	1161	rBV3	57076	83711	1.90%	0.115%
12	9.057	1182	1185	1188	rBV4	87599	108530	2.46%	0.149%
13	9.116	1192	1195	1198	rBV	191812	255961	5.80%	0.350%
14	9.204	1205	1210	1213	rBV	3817678	3206256	72.63%	4.389%
15	9.239	1213	1216	1218	rBV4	74112	81415	1.84%	0.111%
16	9.363	1234	1237	1238	rBV	80878	61243	1.39%	0.084%
17	9.404	1241	1244	1247	rVB2	296362	351714	7.97%	0.481%
18	9.457	1250	1253	1255	rBV	118541	99146	2.25%	0.136%
19	9.592	1273	1276	1278	rBV	365529	295823	6.70%	0.405%
20	9.610	1278	1279	1281	rVB2	106562	63057	1.43%	0.086%
21	9.763	1303	1305	1313	rVB3	116148	143387	3.25%	0.196%
22	9.857	1318	1321	1322	rBV2	92269	89830	2.03%	0.123%
23	9.880	1322	1325	1332	rVB	1116954	1008585	22.85%	1.381%
24	9.963	1337	1339	1342	rVV3	104951	87964	1.99%	0.120%
25	10.374	1407	1409	1412	rVB2	242072	231101	5.23%	0.316%
26	10.422	1415	1417	1423	rVB3	210070	307068	6.96%	0.420%
27	10.545	1435	1438	1443	rBV3	337571	572498	12.97%	0.784%
28	10.586	1443	1445	1447	rBV	247242	232284	5.26%	0.318%
29	10.627	1450	1452	1454	rBV	398060	357734	8.10%	0.490%
30	10.669	1455	1459	1461	rVV2	1623534	1484836	33.63%	2.032%
31	10.745	1469	1472	1474	rBV	665362	503287	11.40%	0.689%
32	10.833	1485	1487	1489	rBV2	400233	315312	7.14%	0.432%
33	10.898	1495	1498	1502	rVB	710173	653577	14.80%	0.895%
34	10.939	1502	1505	1507	rBV	541252	537374	12.17%	0.736%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.027	1518	1520	1526	rVB3	571511	683282	15.48%	0.935%
36	11.139	1537	1539	1543	rVB	483254	402594	9.12%	0.551%
37	11.180	1543	1546	1549	rVB2	267827	299923	6.79%	0.411%
38	11.233	1553	1555	1559	rVV	323999	415512	9.41%	0.569%
39	11.316	1566	1569	1574	rBV2	1776825	2015385	45.65%	2.759%
40	11.380	1574	1580	1583	rVV4	1362655	2454294	55.59%	3.359%
41	11.416	1583	1586	1591	rVB3	930047	1493532	33.83%	2.044%
42	11.474	1591	1596	1598	rBV2	1092369	1383111	31.33%	1.893%
43	11.527	1603	1605	1607	rBV	365127	309059	7.00%	0.423%
44	11.557	1607	1610	1613	rBV2	477612	598208	13.55%	0.819%
45	11.592	1613	1616	1620	rBV2	1493913	2177443	49.32%	2.980%
46	11.686	1628	1632	1636	rBV2	1284188	1929386	43.70%	2.641%
47	11.763	1642	1645	1649	rBV2	3834435	4414745	100.00%	6.043%
48	11.792	1649	1650	1654	rVB3	918631	1097400	24.86%	1.502%
49	11.833	1654	1657	1660	rBV	809554	1102836	24.98%	1.510%
50	11.898	1665	1668	1670	rVB	1115379	966417	21.89%	1.323%
51	12.010	1684	1687	1690	rBV	1309914	1164776	26.38%	1.594%
52	12.180	1713	1716	1719	rBV	3082734	2731215	61.87%	3.738%
53	12.574	1781	1783	1786	rBV	462304	464860	10.53%	0.636%
54	12.951	1844	1847	1851	rVB	2312701	2400473	54.37%	3.286%
55	13.445	1928	1931	1934	rBV4	552661	868373	19.67%	1.189%
56	13.698	1971	1974	1976	rBV2	762935	696996	15.79%	0.954%
57	13.939	2013	2015	2018	rVB2	677363	538956	12.21%	0.738%
58	14.057	2033	2035	2038	rVB2	1176891	1238938	28.06%	1.696%
59	14.186	2054	2057	2061	rVB2	1026494	1289089	29.20%	1.765%
60	14.239	2062	2066	2068	rBV3	912818	1273648	28.85%	1.743%
61	14.357	2084	2086	2090	rVB2	1432239	1391938	31.53%	1.905%
62	14.410	2092	2095	2100	rVV4	973160	1639005	37.13%	2.243%
63	14.480	2104	2107	2111	rVB3	986046	1223423	27.71%	1.675%
64	14.527	2112	2115	2118	rBV2	1518043	1640296	37.15%	2.245%
65	14.604	2126	2128	2131	rBV2	565956	622501	14.10%	0.852%
66	14.704	2142	2145	2151	rBV2	1099425	1407263	31.88%	1.926%
67	14.833	2164	2167	2175	rVB3	1030023	1529405	34.64%	2.093%
68	15.027	2197	2200	2209	rVB2	1000675	1573593	35.64%	2.154%
69	15.392	2259	2262	2266	rVB2	469230	597386	13.53%	0.818%
70	15.462	2271	2274	2284	rVB2	491860	836303	18.94%	1.145%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 73056677

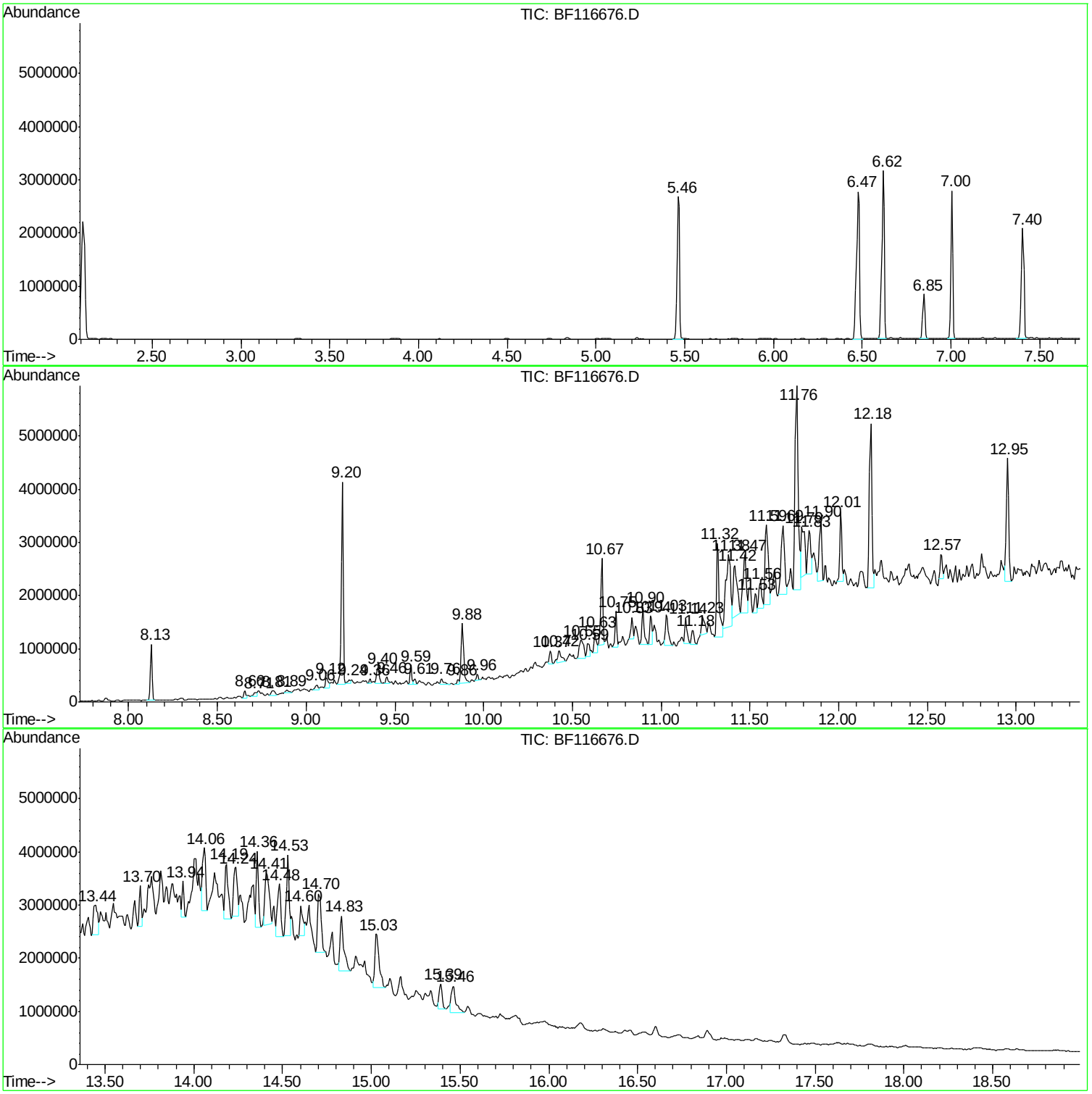
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

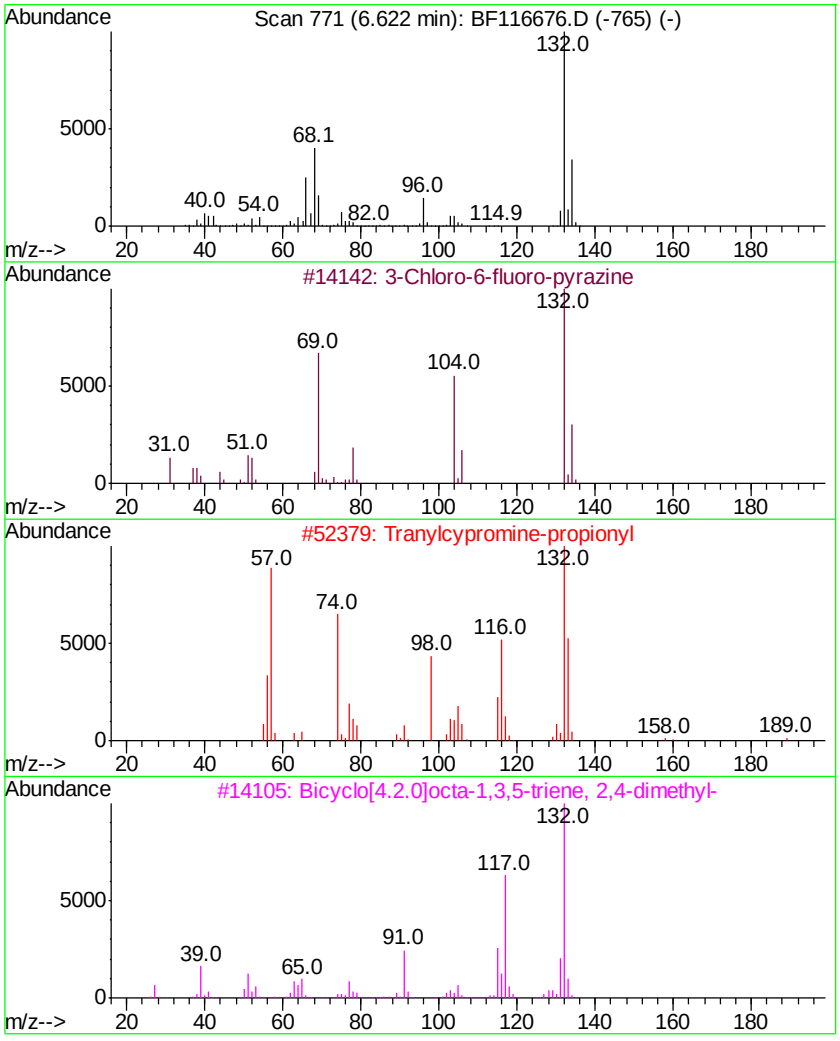
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

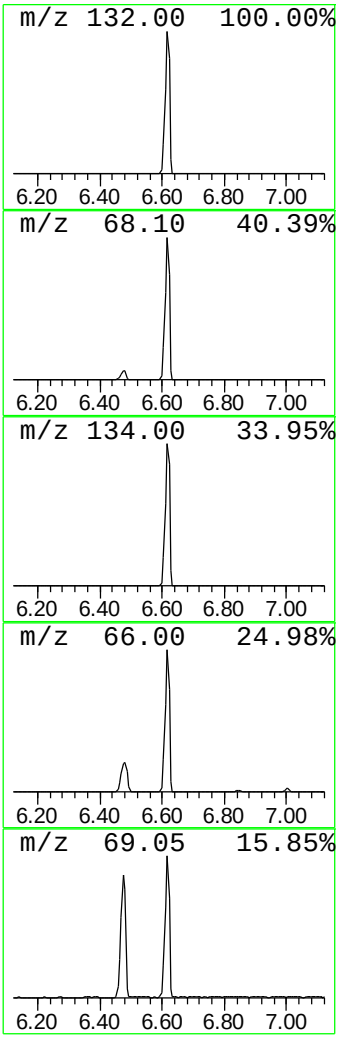
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	94.23 ng	3046040	1,4-Dichlorobenzene-d4	6.85

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	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

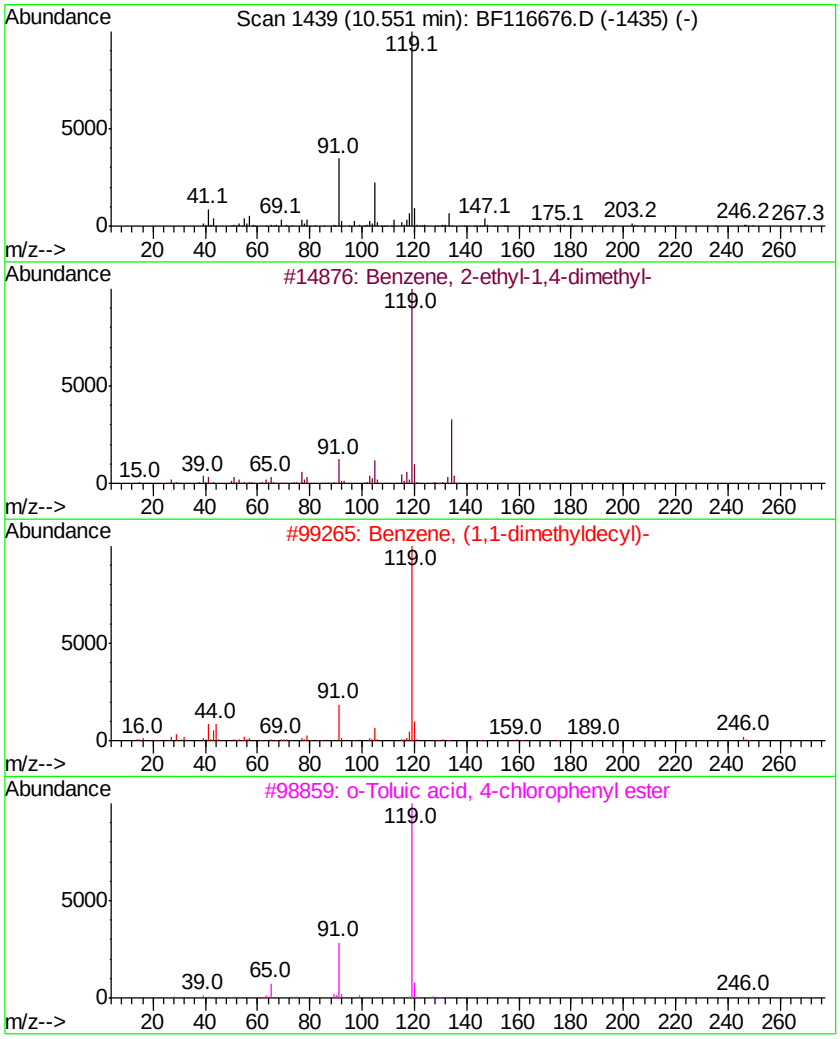
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

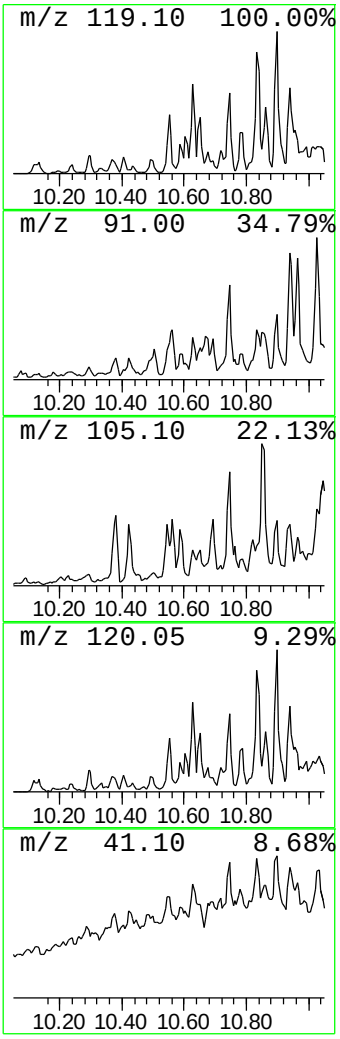
****

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	11.35 ng	572498	Acenaphthene-d10	9.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	50
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	50
3	o-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-45-5	49
4	2-Hexanone, 5-methyl-5-phenyl-	190	C13H18O	014128-61-1	47
5	2-Isothiocyanato-2,4-dimethyl-4-...	233	C14H19NS	1000293-27-6	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

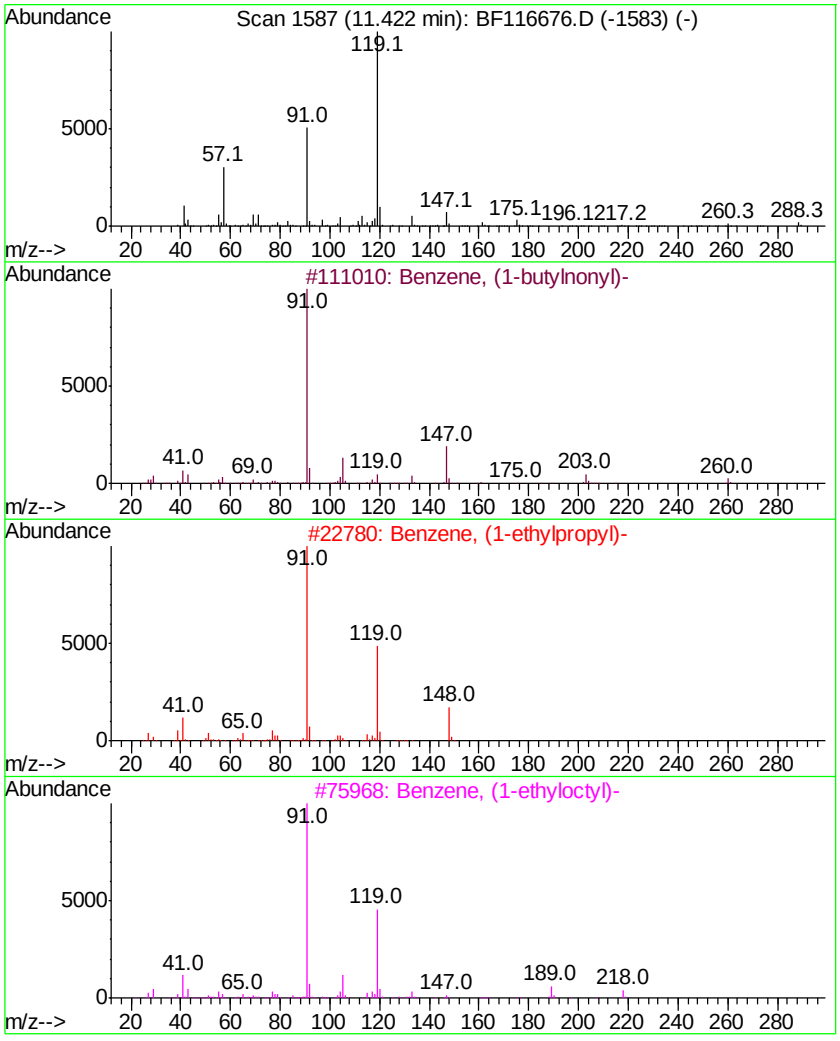
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

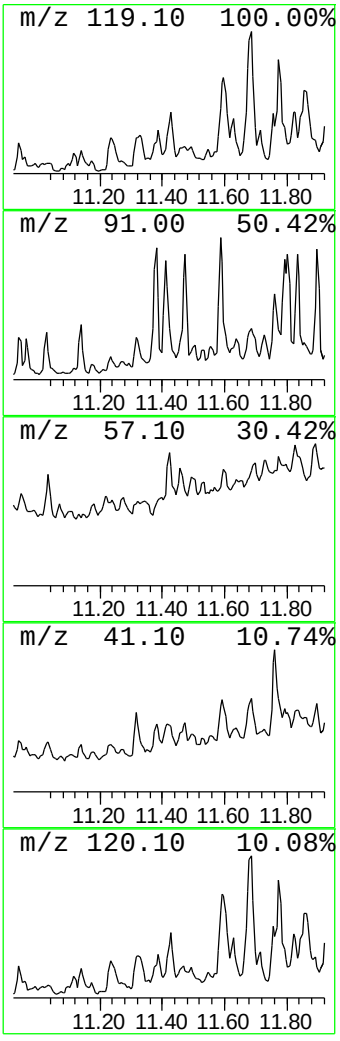
****

Peak Number 4 Benzene, (1-butylnonyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	12.17 ng	1493530	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	60
2	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	50
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	47
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

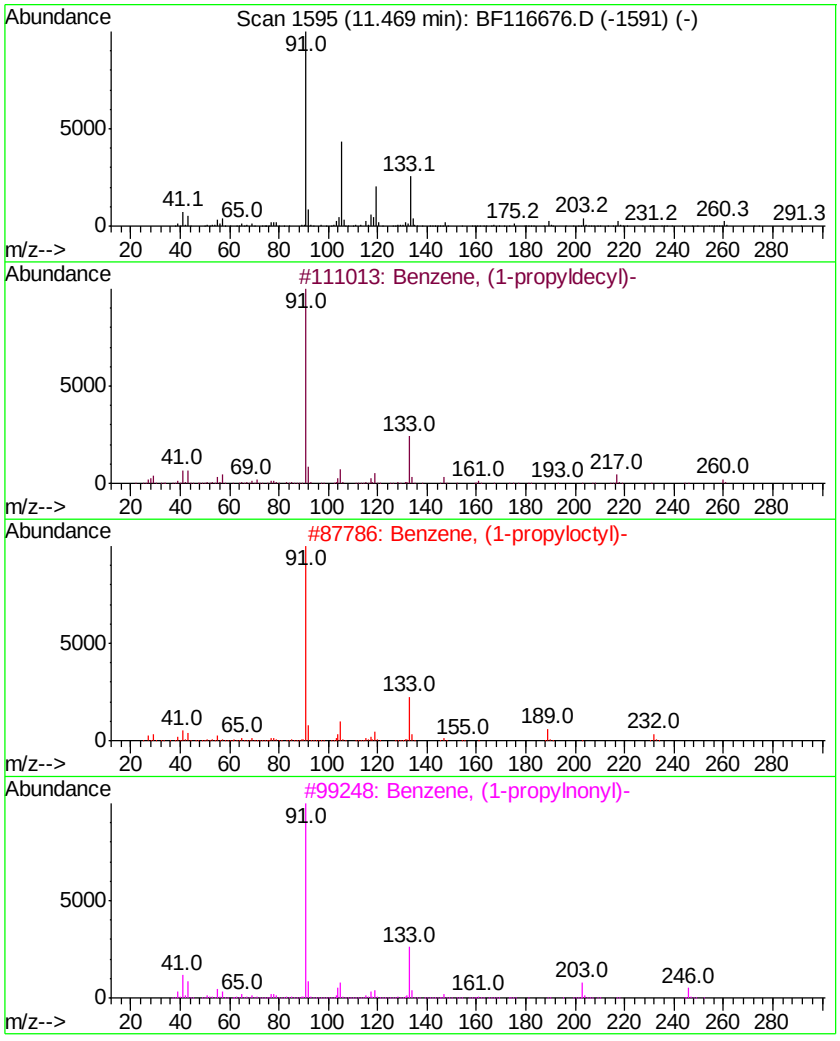
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

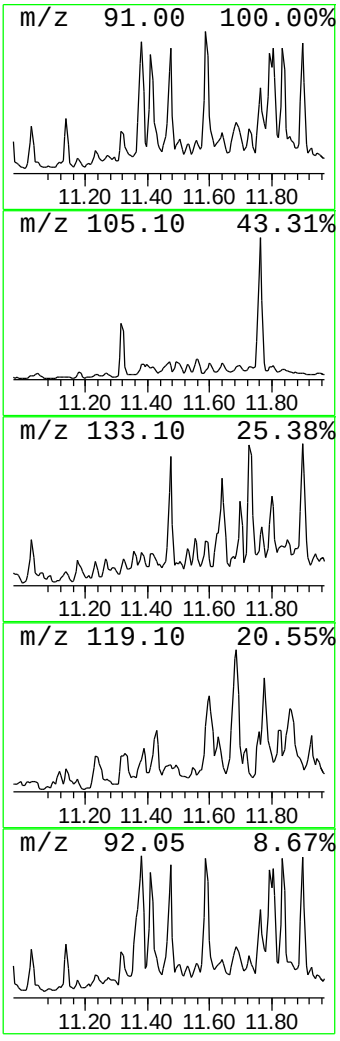
****

Peak Number 5 Benzene, (1-propyldecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	11.27 ng	1383110	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	64
2	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	59
3	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	53
4	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	45
5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

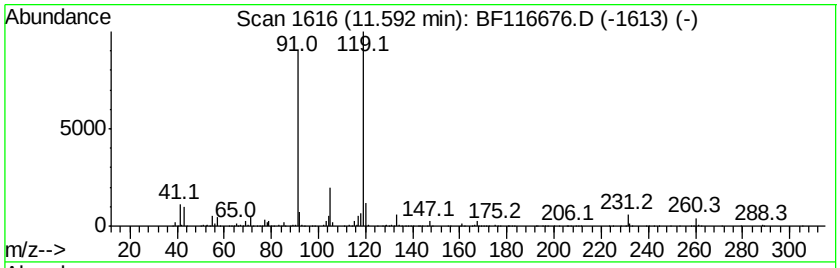
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

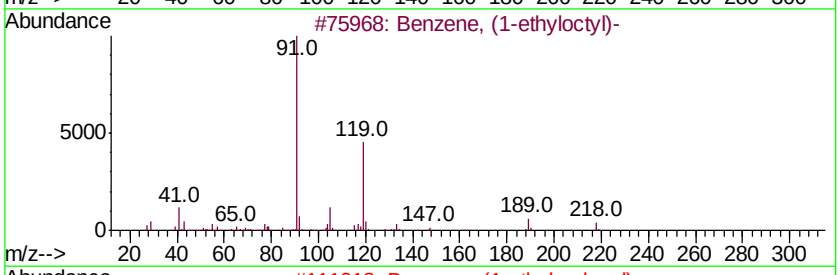
****

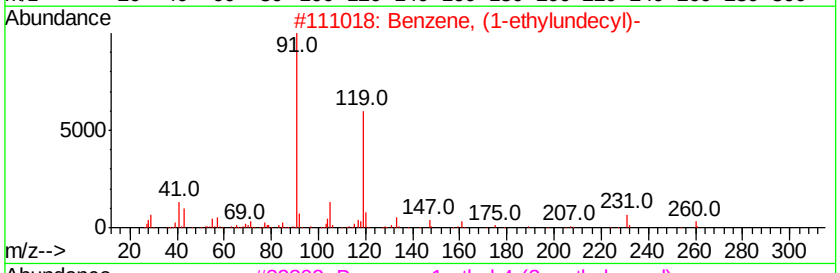
Peak Number 6 Benzene, (1-ethyloctyl)- Concentration Rank 13

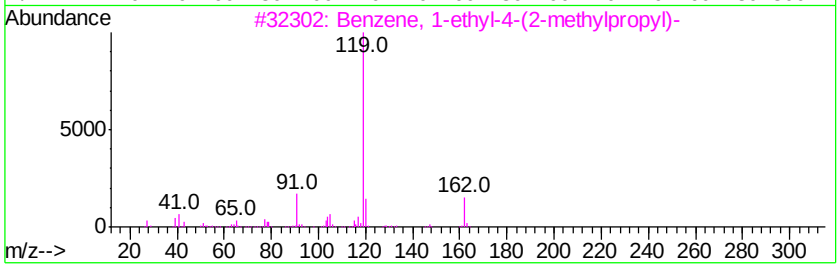
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	17.74 ng	2177440	Phenanthrene-d10	11.36

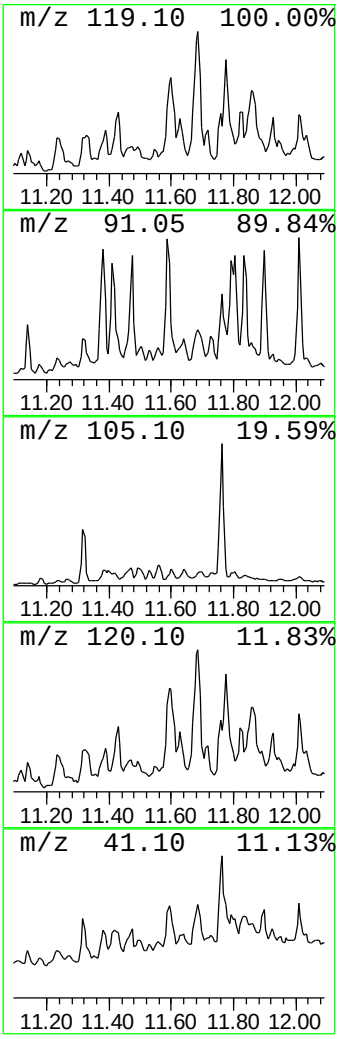
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	78
2	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	74
3	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	56
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	53
5	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	53











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

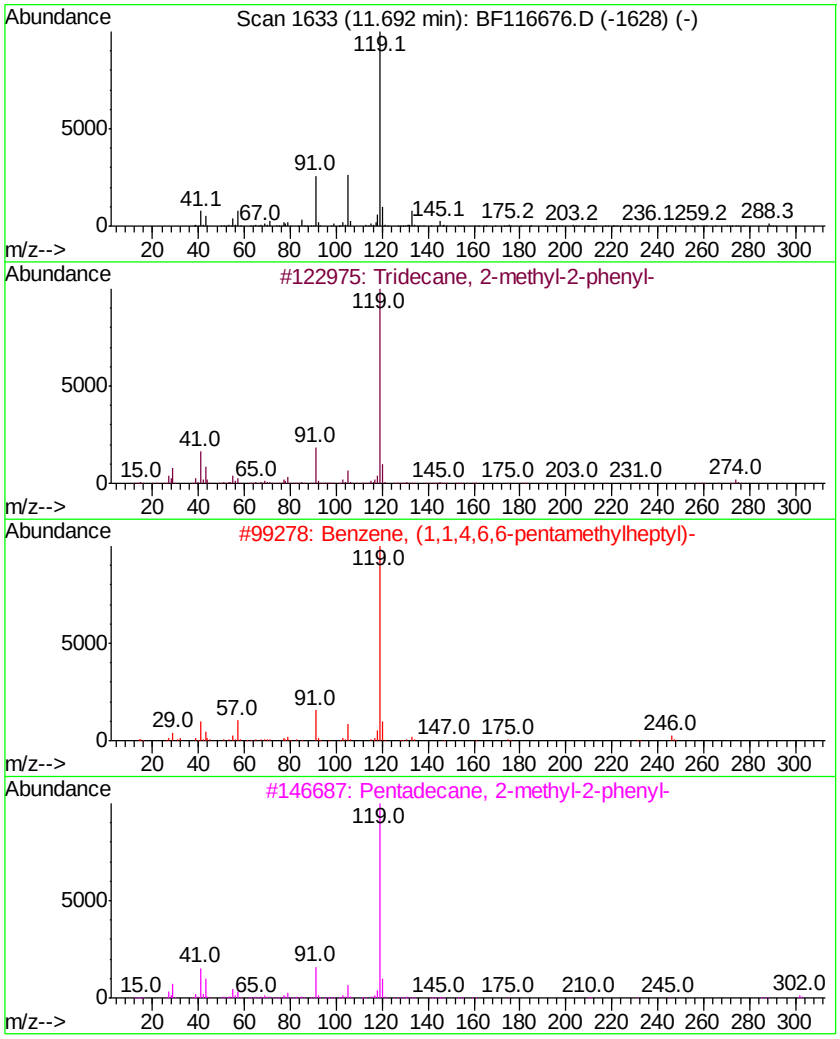
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

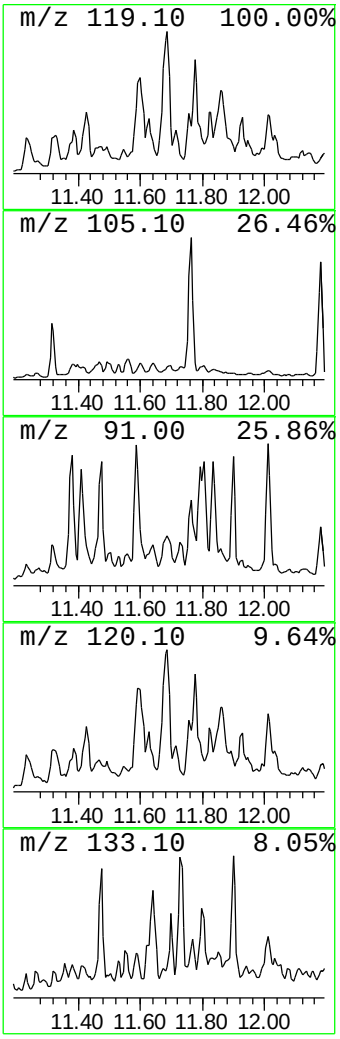
****

Peak Number 7 Tridecane, 2-methyl-2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	15.72 ng	1929390	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	90
2	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	86
3	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	78
4	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	78
5	Benzoic acid, 3-methyl-, 4-biphe...	288	C20H16O2	1000355-71-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

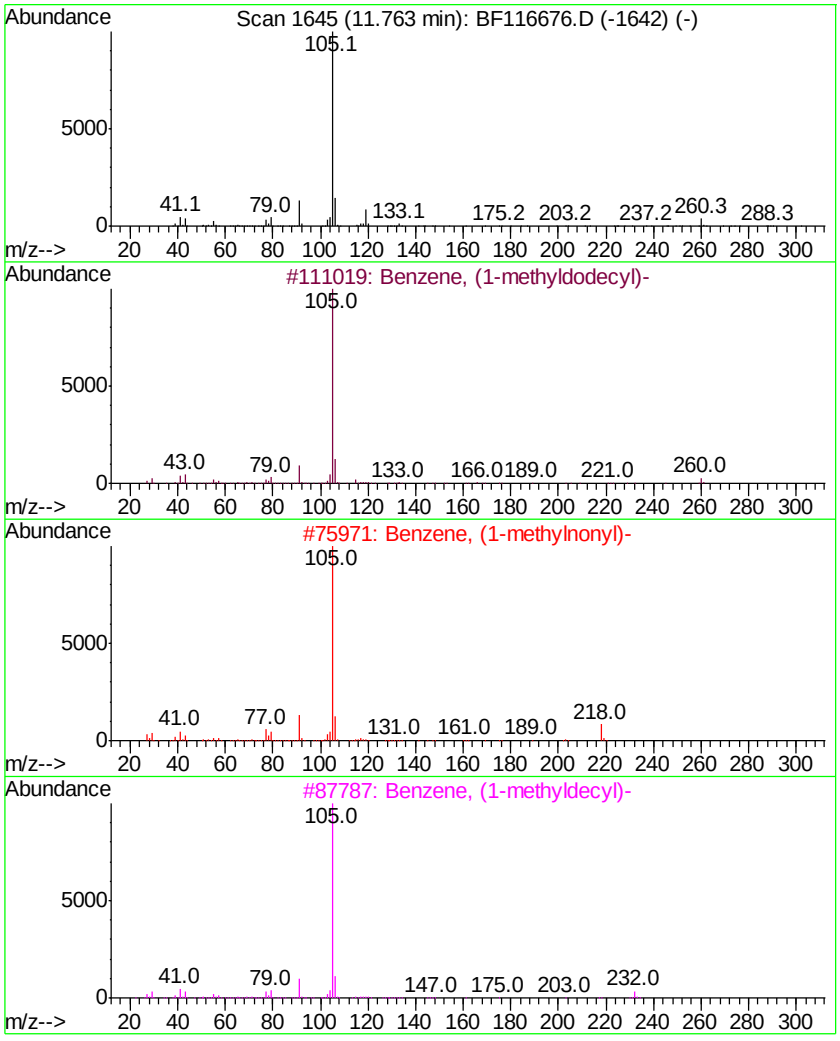
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

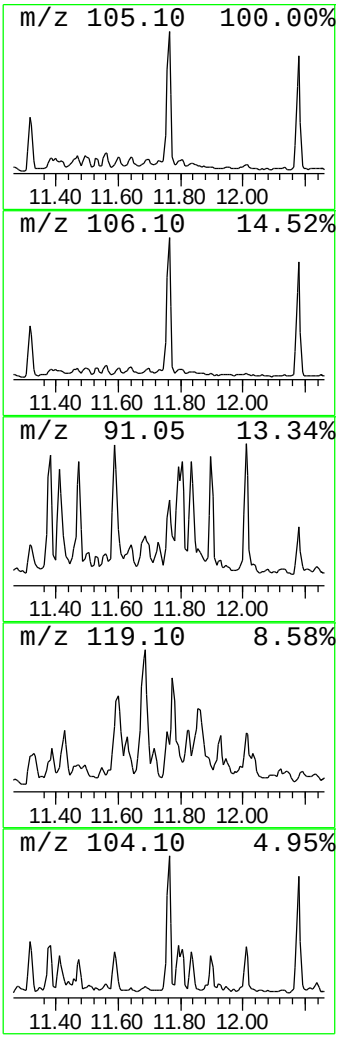
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	35.98 ng	4414750	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	81
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	53
5	3-Benzoyl-4-benzyl-2-t-butyl-4-m...	351	C22H25NO3	1000193-73-3	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

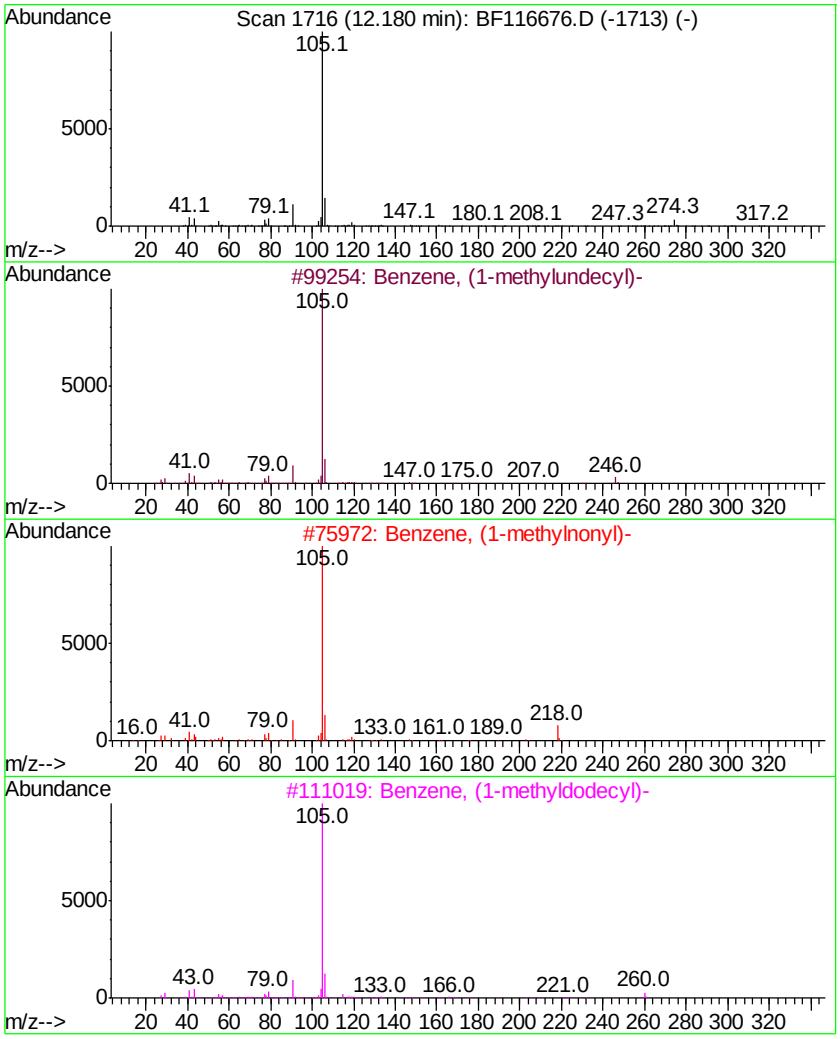
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

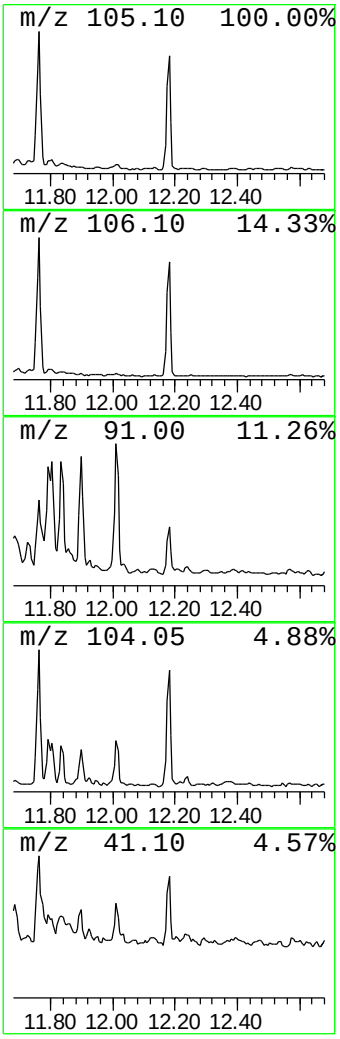
****

Peak Number 9 Benzene, (1-methylundecyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	22.26 ng	2731220	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
5	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

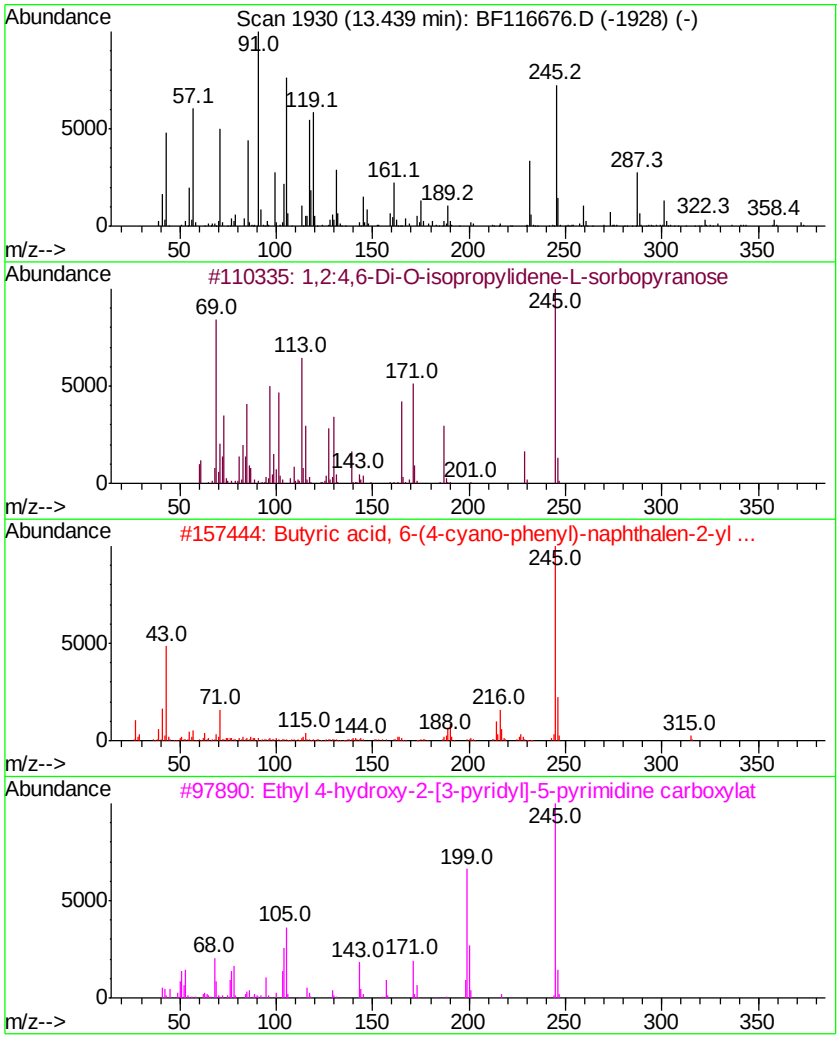
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

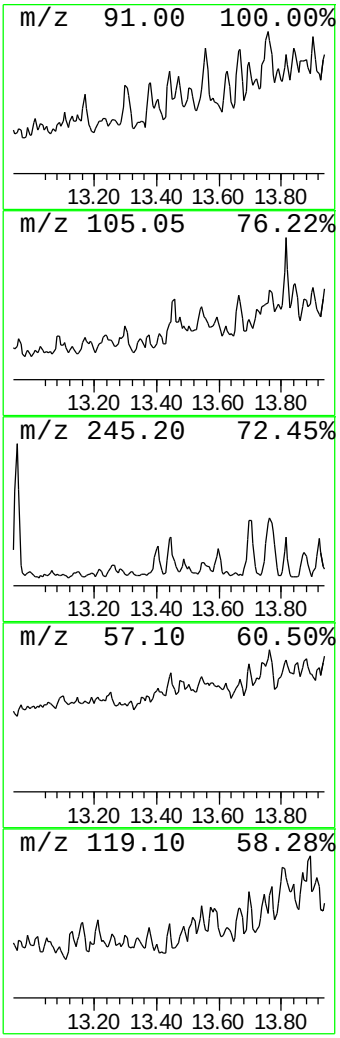
****

Peak Number 10 unknown13.44 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	14.02 ng	868373	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,6-Di-O-isopropylidene-L-so...	260	C12H20O6	032717-65-0	30
2	Butyric acid, 6-(4-cyano-phenyl)...	315	C21H17NO2	100807-88-3	11
3	Ethyl 4-hydroxy-2-[3-pyridyl]-5-...	245	C12H11N3O3	034750-63-5	11
4	1H-Indole-3-butanoic acid, 1-met...	245	C14H15NO3	040547-43-1	11
5	Benzoic acid, 4-[(1,2-dihydro-2-...	245	C12H11N3O3	145820-06-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

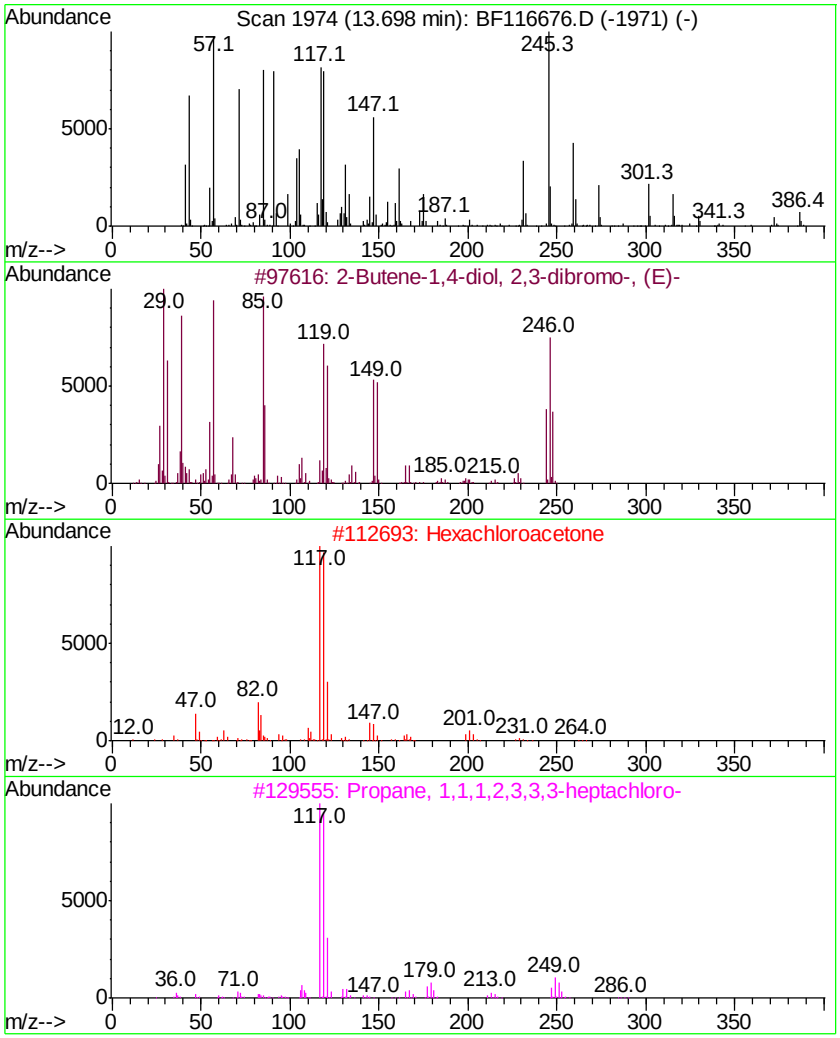
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

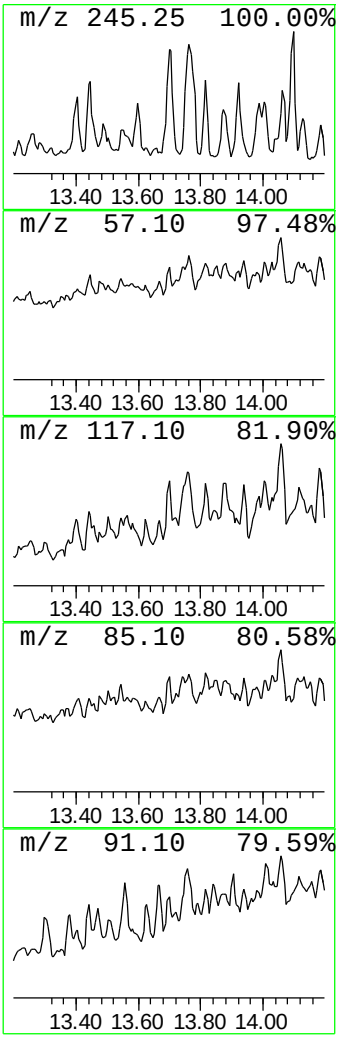
****

Peak Number 11 unknown13.70 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	11.25 ng	696996	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene-1,4-diol, 2,3-dibromo-,...	244	C4H6Br2O2	021285-46-1	25
2	Hexachloroacetone	262	C3Cl6O	000116-16-5	22
3	Propane, 1,1,1,2,3,3,3-heptachloro-	282	C3HCl7	003849-33-0	12
4	1,3,5-Triazin-2-amine, 4-(2-furv...	245	C12H15N5O	148403-53-6	11
5	Benzoic acid, 4-[(1,2-dihydro-2-...	245	C12H11N3O3	145820-06-0	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

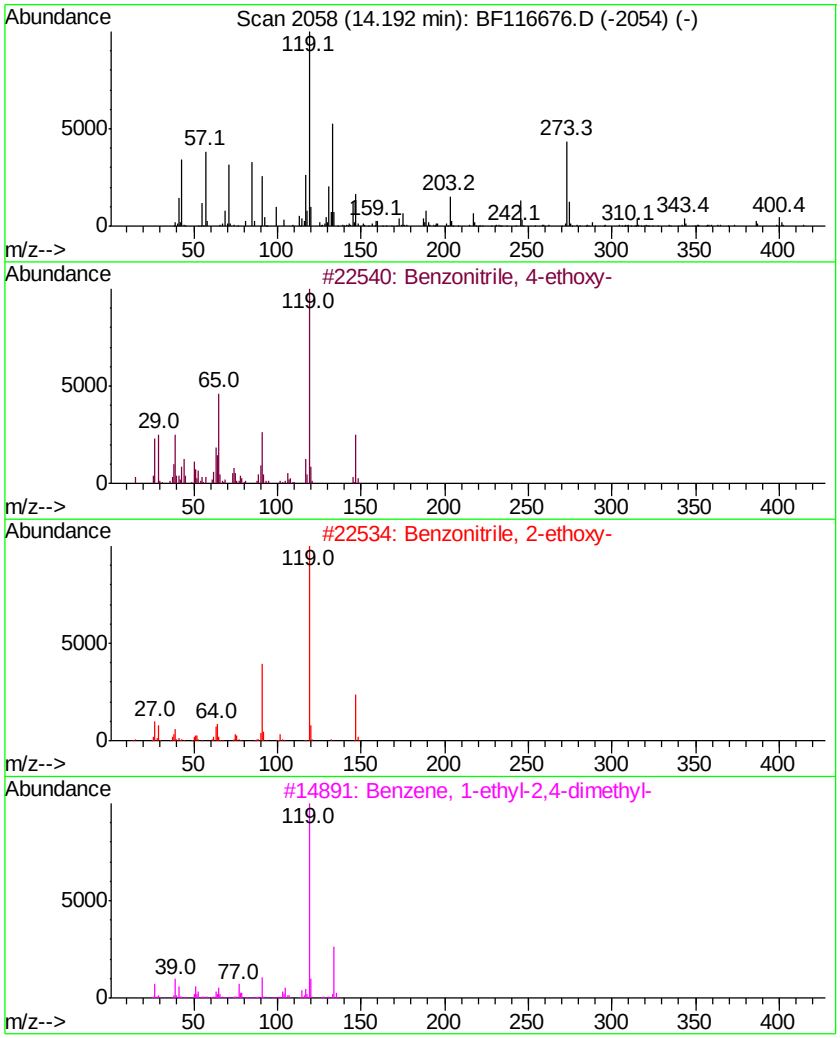
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

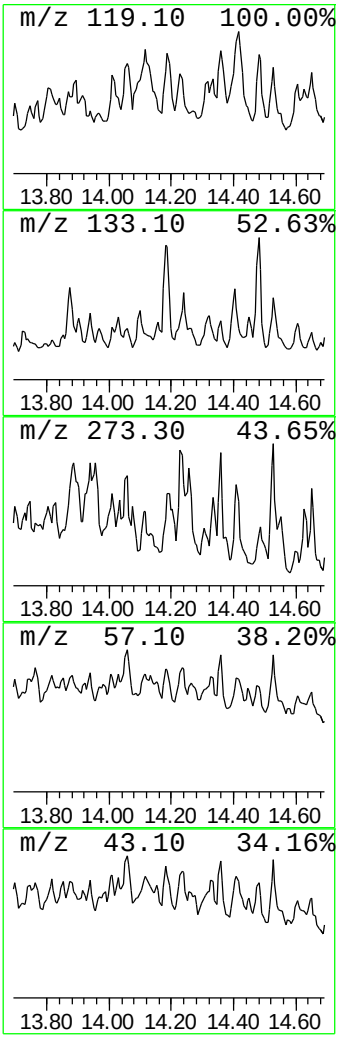
****

Peak Number 12 unknown14.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	20.81 ng	1289090	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	27
2	Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	22
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	18
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	18
5	Acetamide, N-[1-benzylideno-2-(2...	306	C19H18N2O2	314281-76-0	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

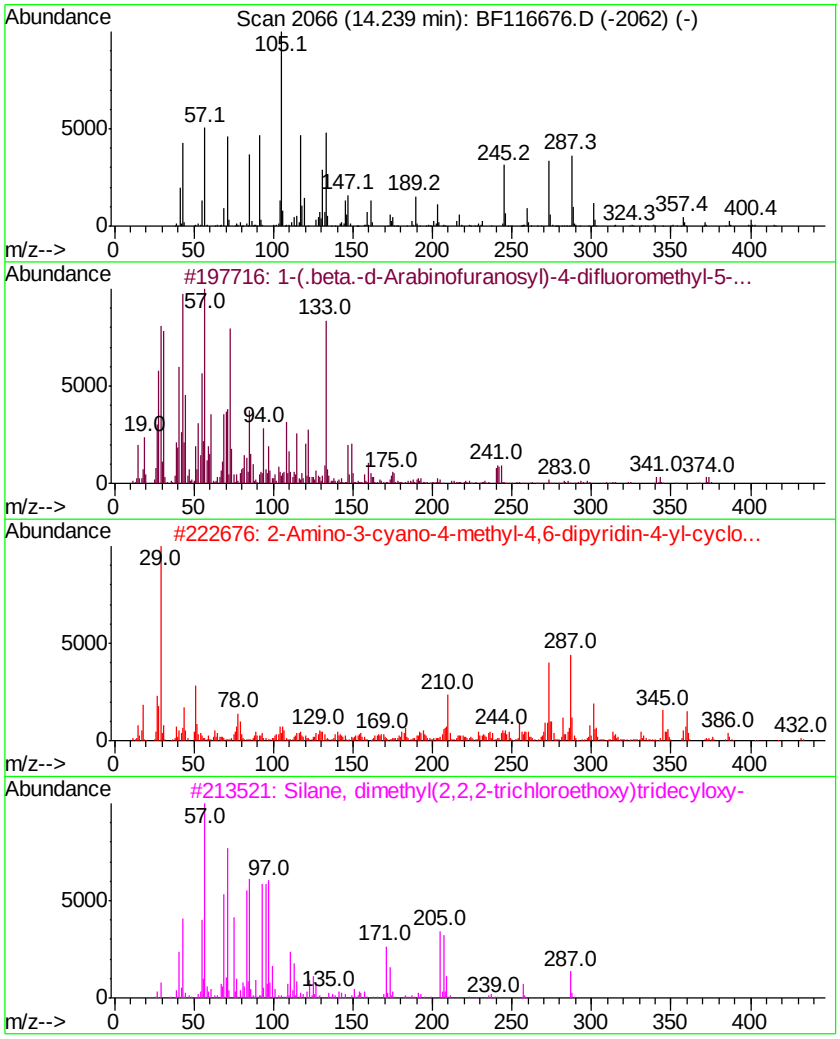
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

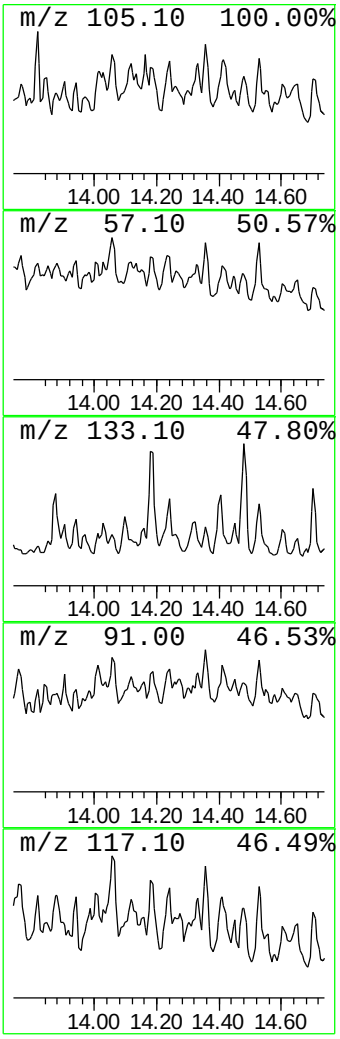
****

Peak Number 13 unknown14.24 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	20.56 ng	1273650	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(.beta.-d-Arabinofuranosyl)-4-...	372	C10H11BrF2N2O6	102302-68-1	14
2	2-Amino-3-cyano-4-methyl-4,6-dip...	432	C24H24N4O4	1000287-35-2	10
3	Silane, dimethyl(2,2,2-trichloro...	404	C17H35Cl3O2Si	1000347-56-9	10
4	Silane, dimethyl(2,2,2-trichloro...	376	C15H31Cl3O2Si	1000347-56-8	10
5	2,6-di-sec-butylphenol, trifluor...	302	C16H21F3O2	1000376-42-0	4





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

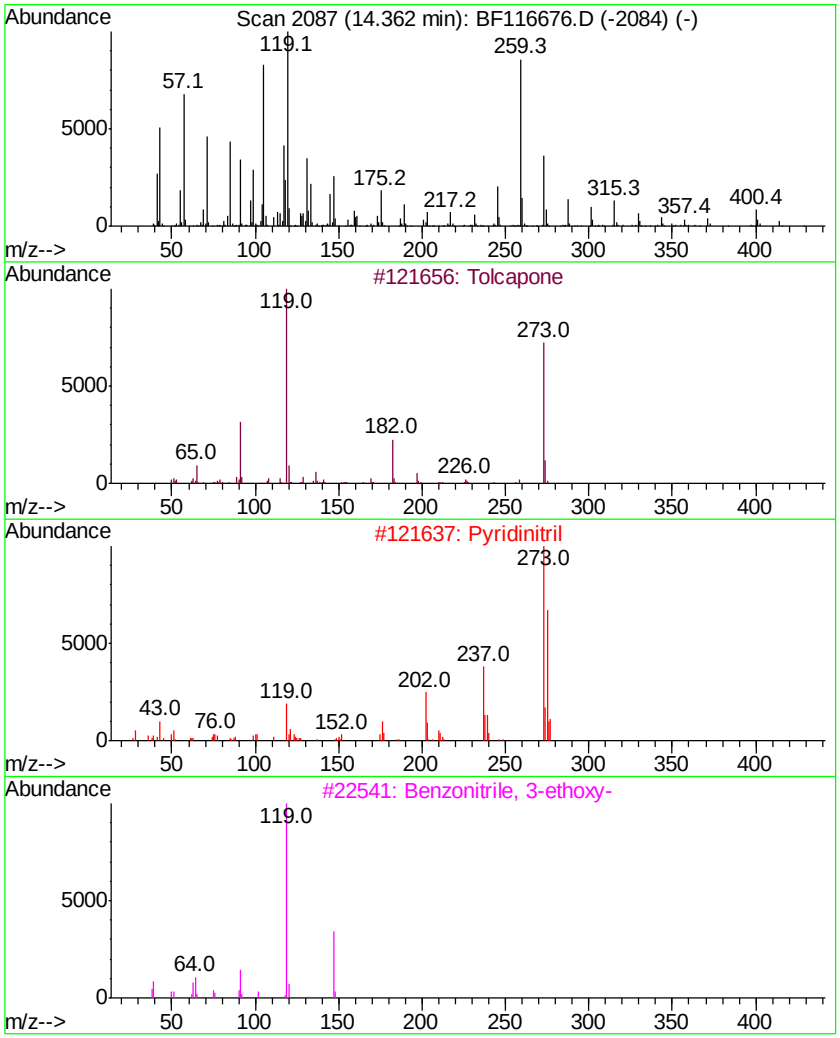
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

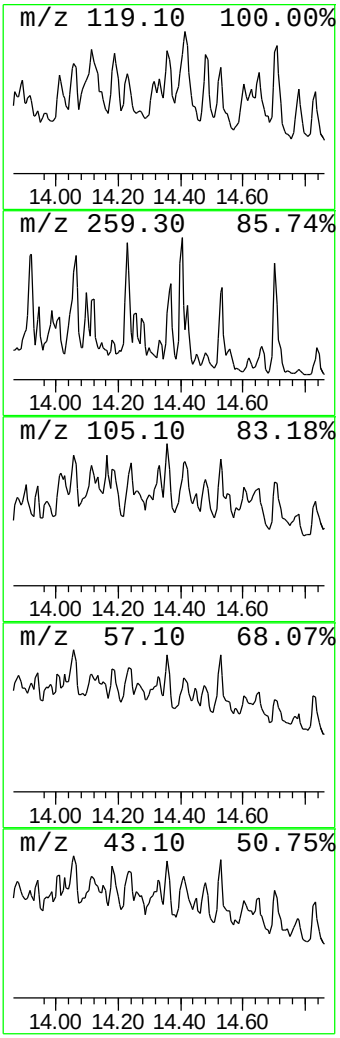
****

Peak Number 14 unknown14.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	22.47 ng	1391940	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	38
2	Pyridinitril	273	C13H5Cl2N3	001086-02-8	35
3	Benzonitrile, 3-ethoxy-	147	C9H9NO	025117-75-3	25
4	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	25
5	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-84-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

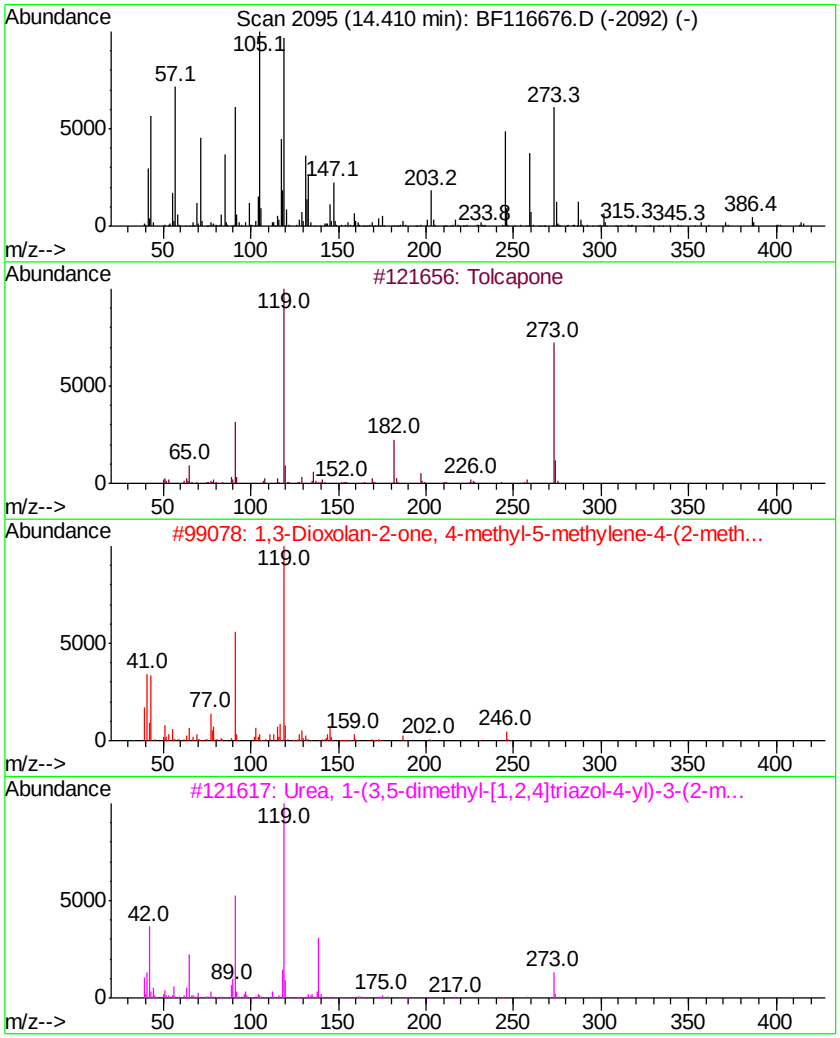
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

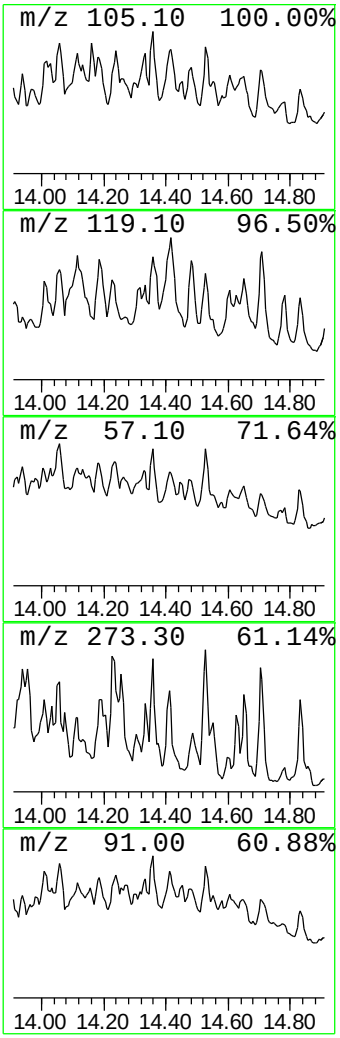
****

Peak Number 15 unknown14.41 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	26.46 ng	1639010	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	35
2	1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	35
3	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-83-5	35
4	Urea, N-(3-methylbenzoyl)-N'-(5-...	259	C13H13N3O3	1000320-00-2	22
5	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

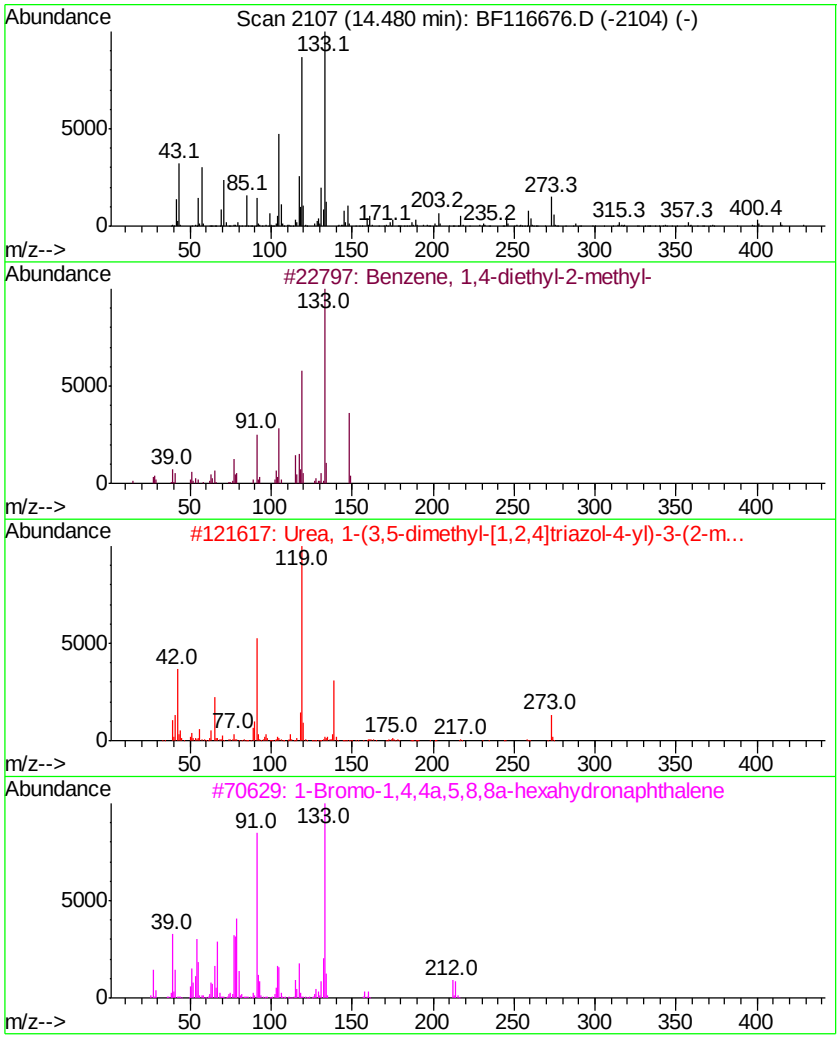
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

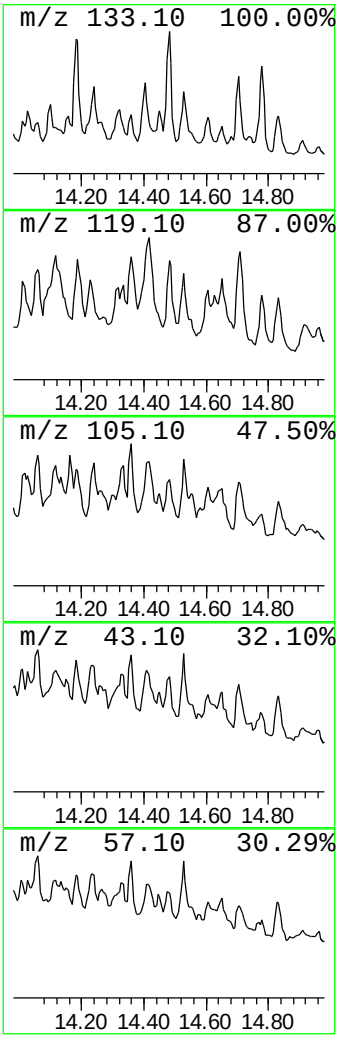
****

Peak Number 16 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	19.75 ng	1223420	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	64
2	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-83-5	27
3	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	27
4	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	27
5	Benzoic acid, 2-methyl-, anhydride	254	C16H14O3	000607-86-3	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

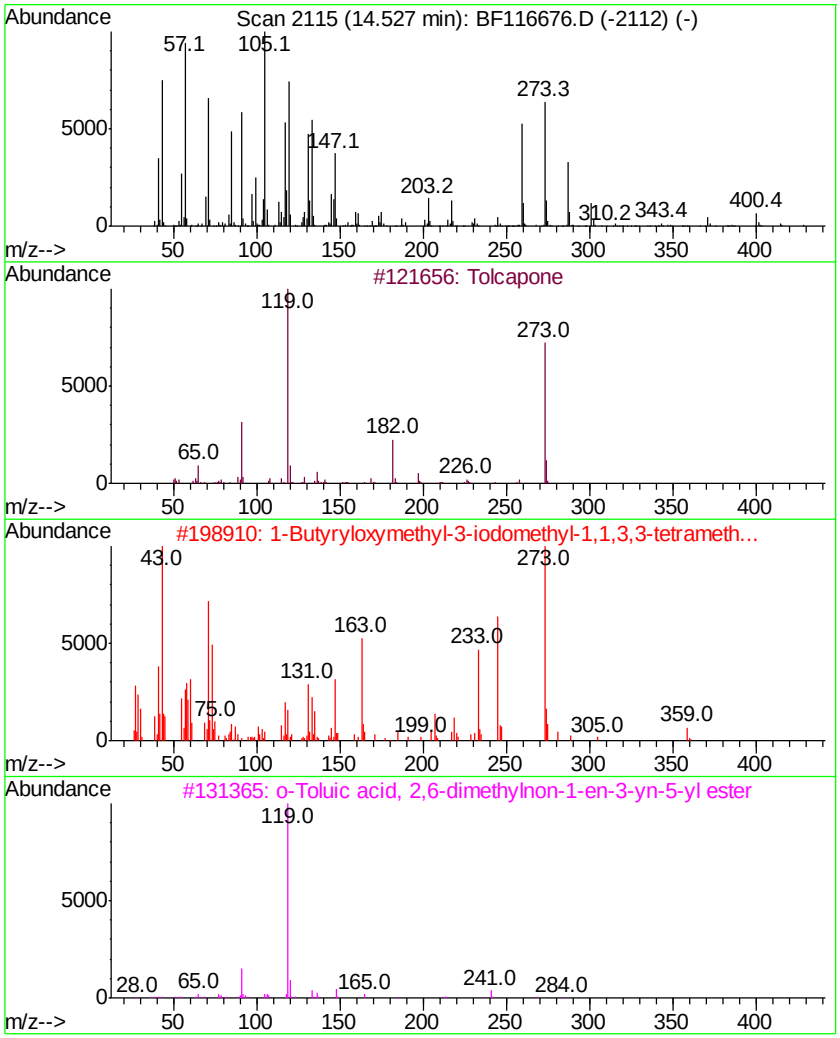
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

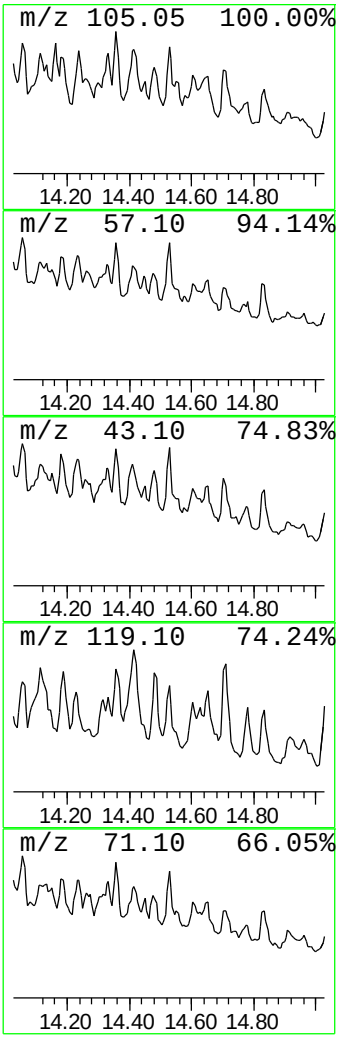
****

Peak Number 17 unknown14.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	26.48 ng	1640300	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	25
2	1-Butyryloxymethyl-3-iodomethyl-...	374	C10H23IO3Si2	1000280-22-0	14
3	o-Toluic acid, 2,6-dimethylnon-1...	284	C19H24O2	1000292-51-6	11
4	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	11
5	2,4,4,6-Tetramethyl-6-phenylheptane	232	C17H28	1000293-28-6	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

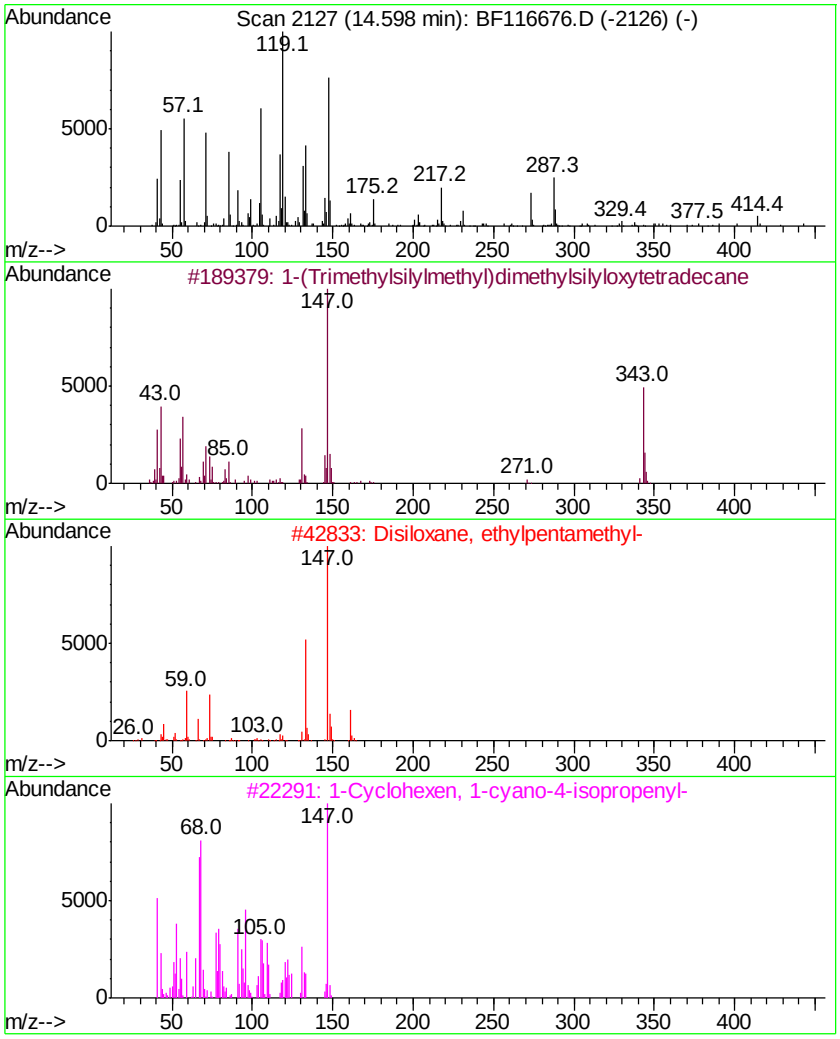
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

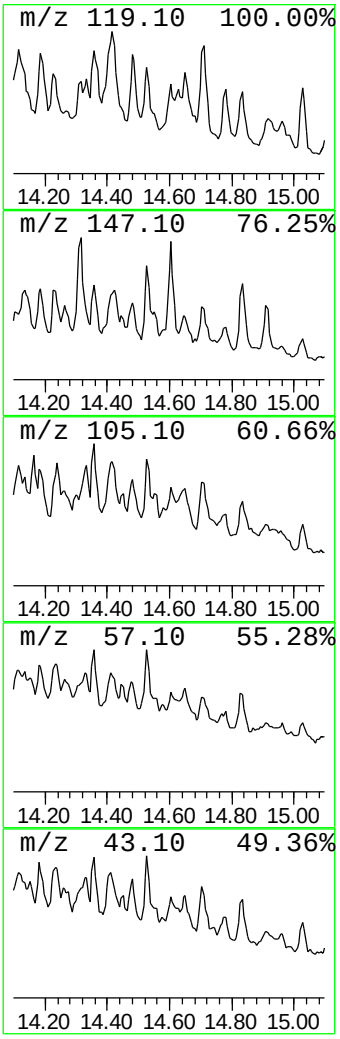
****

Peak Number 18 unknown14.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	10.05 ng	622501	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(Trimethylsilylmethyl)dimethyl...	358	C20H46OSi2	1000216-86-9	22
2	Disiloxane, ethylpentamethyl-	176	C7H20OSi2	006231-60-3	22
3	1-Cyclohexen, 1-cyano-4-isoprope...	147	C10H13N	1000126-45-8	11
4	1,3,5-Triphenyl-s-triazine-2,4,6...	357	C21H15N3O3	001785-02-0	11
5	7-epi-trans-sesquisabinene hydrate	222	C15H26O	1000374-17-7	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

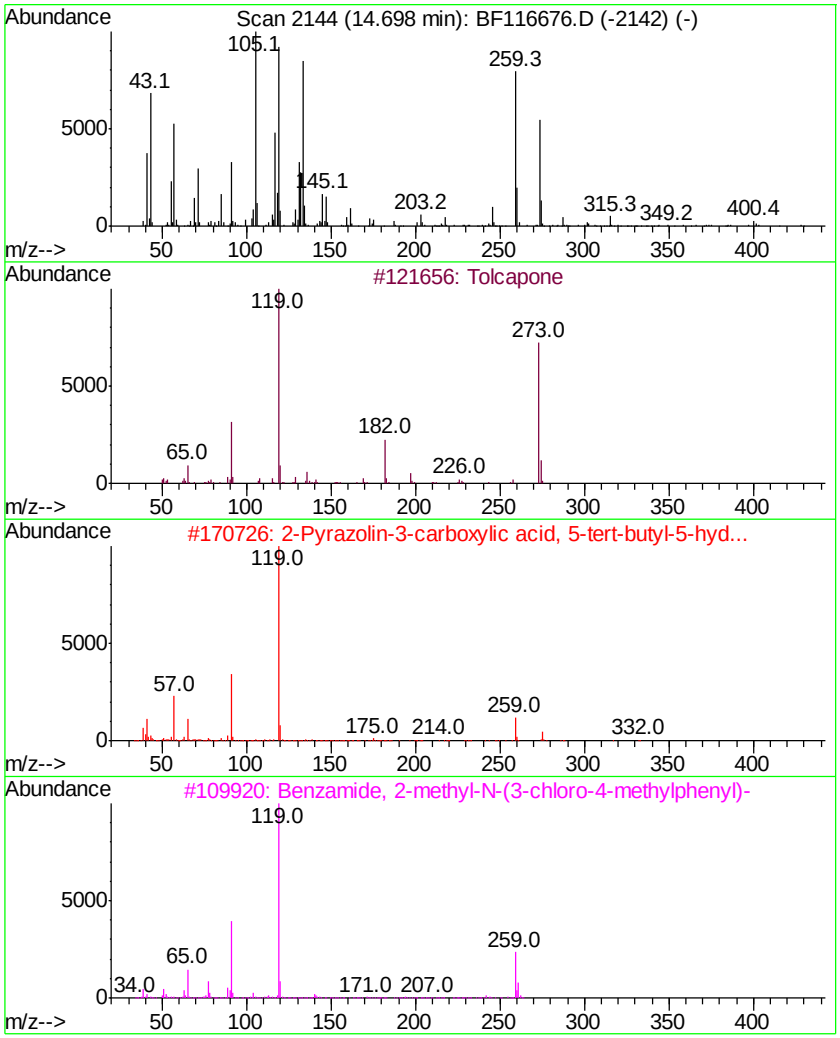
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

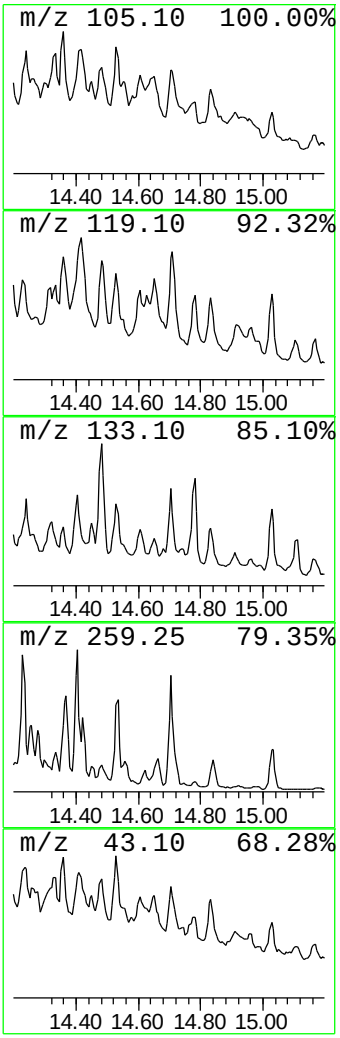
****

Peak Number 19 unknown14.70 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	22.72 ng	1407260	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	38
2	2-Pyrazolin-3-carboxylic acid, 5...	332	C18H24N2O4	346633-03-2	35
3	Benzamide, 2-methyl-N-(3-chloro-...	259	C15H14ClNO	071267-56-6	35
4	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	30
5	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

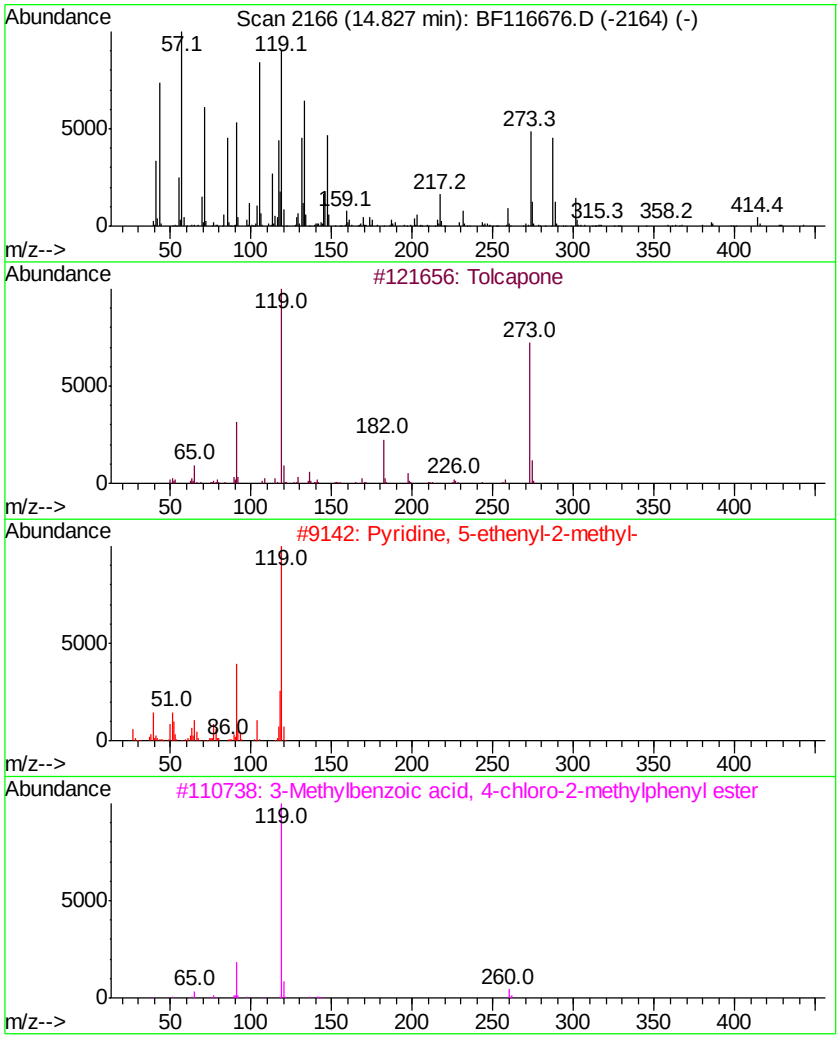
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

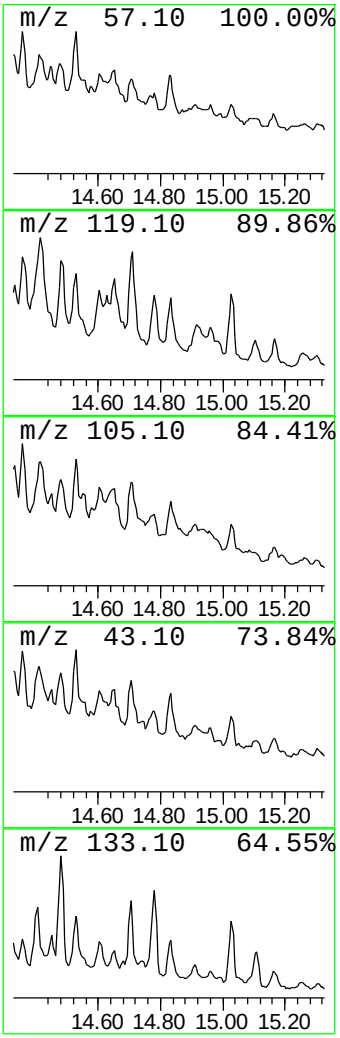
****

Peak Number 20 unknown14.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	36.58 ng	1529410	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	14
2	Pyridine, 5-ethenyl-2-methyl-	119	C8H9N	000140-76-1	11
3	3-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-26-6	11
4	3-Toluoylacetonitrile	159	C10H9NO	053882-81-8	11
5	Formic acid, benzoyl-, (8'-pheny...	364	C24H28O3	088002-15-7	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF083019\
Data File : BF116676.D
Acq On : 31 Aug 2019 3:19
Operator : HP/JU
Sample : K4528-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T9-12-13-T1-T4-(0-1.9)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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
unknown6.62	6.62	94.2	ng	3046040	1	6.85	646497	20.0
Benzene, 2-ethyl-...	10.55	11.4	ng	572498	3	9.88	1008590	20.0
Benzene, (1-butyl...	11.42	12.2	ng	1493530	4	11.36	2454290	20.0
Benzene, (1-propy...	11.47	11.3	ng	1383110	4	11.36	2454290	20.0
Benzene, (1-ethyl...	11.59	17.7	ng	2177440	4	11.36	2454290	20.0
Tridecane, 2-meth...	11.69	15.7	ng	1929390	4	11.36	2454290	20.0
Benzene, (1-methy...	11.76	36.0	ng	4414750	4	11.36	2454290	20.0
Benzene, (1-methy...	12.18	22.3	ng	2731220	4	11.36	2454290	20.0
unknown13.44	13.44	14.0	ng	868373	5	14.00	1238940	20.0
unknown13.70	13.70	11.3	ng	696996	5	14.00	1238940	20.0
unknown14.19	14.19	20.8	ng	1289090	5	14.00	1238940	20.0
unknown14.24	14.24	20.6	ng	1273650	5	14.00	1238940	20.0
unknown14.36	14.36	22.5	ng	1391940	5	14.00	1238940	20.0
unknown14.41	14.41	26.5	ng	1639010	5	14.00	1238940	20.0
Benzene, 1,4-diet...	14.48	19.8	ng	1223420	5	14.00	1238940	20.0
unknown14.53	14.53	26.5	ng	1640300	5	14.00	1238940	20.0
unknown14.60	14.60	10.1	ng	622501	5	14.00	1238940	20.0
unknown14.70	14.70	22.7	ng	1407260	5	14.00	1238940	20.0
unknown14.83	14.83	36.6	ng	1529410	6	15.46	836303	20.0