LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

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-BF121417.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	6.787	796	799	812	rBV	866974	898795	40.55%	2.734%
2	8.069	1014	1017	1040	rVB	1274929	1220243	55.06%	3.711%
3	9.198	1206	1209	1214	rBV	82932	70990	3.20%	0.216%
4	9.516	1261	1263	1268	rBV2	22887	24686	1.11%	0.075%
5	9.822	1312	1315	1324	rBV2	1309692	1209042	54.55%	3.677%
6	10.222	1380	1383	1385	rBV2	26993	29584	1.33%	0.090%
7	10.674	1457	1460	1465	rBV	44534	56775	2.56%	0.173%
8	10.722	1465	1468	1475	rVB4	41290	53506	2.41%	0.163%
9	10.780	1475	1478	1481	rBV	81701	69458	3.13%	0.211%
10	10.863	1488	1492	1494	rBV2	205675	208067	9.39%	0.633%
11	10.886	1494	1496	1501	rVV	119718	92736	4.18%	0.282%
12	10.951	1504	1507	1511	rVB	146394	121698	5.49%	0.370%
13	11.063	1523	1526	1529	rBV	266507	223238	10.07%	0.679%
14	11.245	1553	1557	1560	rBV	873044	801511	36.17%	2.438%
15	11.316	1563	1569	1571	rBV2	1237256	1670867	75.39%	5.082%
16	11.392	1579	1582	1586	rVB	530314	444844	20.07%	1.353%
17	11.510	1598	1602	1604	rBV	891009	748519	33.77%	2.277%
18	11.533	1604	1606	1608	rVB	71798	56727	2.56%	0.173%
19	11.680	1628	1631	1634	rBV	2359422	2216249	100.00%	6.741%
20	11.710	1634	1636	1637	rVV	206548	163830	7.39%	0.498%
21	11.757	1641	1644	1648	rVB	242128	213742	9.64%	0.650%
22	11.821	1652	1655	1658	rVB	227965	193521	8.73%	0.589%
23	11.933	1671	1674	1676	rBV	373168	300956	13.58%	0.915%
24	12.051	1692	1694	1699	rBV4	73665	77572	3.50%	0.236%
25	12.098	1699	1702	1705	rBV	821978	761563	34.36%	2.316%
26	12.163	1711	1713	1720	rVB6	76180	83507	3.77%	0.254%
27	12.263	1728	1730	1732	rBV2	128148	97981	4.42%	0.298%
28	12.316	1737	1739	1741	rBV2	90635	77814	3.51%	0.237%
29	12.463	1762	1764	1766	rBV3	72266	63638	2.87%	0.194%
30	12.498	1767	1770	1773	rBV3	120120	191294	8.63%	0.582%
31	12.574	1781	1783	1786	rBV2	107783	96931	4.37%	0.295%
32	12.604	1786	1788	1790	rBV	82305	52659	2.38%	0.160%
33	12.668	1797	1799	1803	rBV3	108951	138059	6.23%	0.420%
34	12.727	1806	1809	1811	rBV2	158060	186122	8.40%	0.566%

LSC Area Percent Report

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Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.839	1825	1828	1830	rBV2	187048	210365	9.49%	0.640%
36	13.051	1862	1864	1867	rVB2	193965	164279	7.41%	0.500%
37	13.133	1876	1878	1879	rBV2	140250	123462	5.57%	0.376%
38	13.292	1903	1905	1908	rBV3	148463	139573	6.30%	0.425%
39	13.327	1908	1911	1915	rVB4	315238	375501	16.94%	1.142%
40	13.363	1915	1917	1919	rBV3	278950	318047	14.35%	0.967%
41	13.463	1932	1934	1936	rBV2	304569	238026	10.74%	0.724%
42	13.551	1946	1949	1952	rBV2	177994	209251	9.44%	0.636%
43	13.592	1953	1956	1958	rBV3	332145	315068	14.22%	0.958%
44	13.621	1958	1961	1963	rBV3	532366	537058	24.23%	1.633%
45	13.668	1966	1969	1970	rBV	291187	278814	12.58%	0.848%
46	13.745	1979	1982	1983	rBV2	283732	282881	12.76%	0.860%
47	13.798	1988	1991	1997	rBV3	394479	616060	27.80%	1.874%
48	13.863	2000	2002	2004	rVB	437592	344109	15.53%	1.047%
49	13.892	2004	2007	2011	rBV4	267987	446393	20.14%	1.358%
50	13.933	2011	2014	2015	rBV	588622	529138	23.88%	1.609%
51	13.968	2018	2020	2026	rVB2	767267	1243040	56.09%	3.781%
52	14.027	2028	2030	2031	rBV2	290778	237394	10.71%	0.722%
53	14.110	2041	2044	2048	rVB4	834172	1045799	47.19%	3.181%
54	14.157	2049	2052	2055	rBV3	589056	756344	34.13%	2.300%
55	14.239	2062	2066	2068	rBV2	590747	851326	38.41%	2.589%
56	14.280	2071	2073	2077	rVV2	700836	746384	33.68%	2.270%
57	14.345	2079	2084	2087	rVV4	589943	1093819	49.35%	3.327%
58	14.404	2091	2094	2099	rVB2	717186	819314	36.97%	2.492%
59	14.457	2100	2103	2110	rVB2	875693	1164806	52.56%	3.543%
60	14.527	2112	2115	2120	rBV3	443057	668777	30.18%	2.034%
61	14.627	2129	2132	2140	rVB2	711734	1046754	47.23%	3.184%
62	14.698	2141	2144	2148	rVV	439923	509191	22.98%	1.549%
63	14.751	2151	2153	2162	rVB2	546625	717425	32.37%	2.182%
64	14.827	2164	2166	2172	rBV4	213699	278234	12.55%	0.846%
65	14.945	2183	2186	2193	rVB2	484380	648858	29.28%	1.974%
66	15.433	2265	2269	2279	rVB	636789	1029338	46.45%	3.131%
67	15.521	2282	2284	2290	rVB	232271	280219	12.64%	0.852%
68	16.062	2372	2376	2383	rVB	346788	618329	27.90%	1.881%
69	16.480	2442	2447	2455	rVB	487543	860584	38.83%	2.617%
70	17.033	2538	2541	2548	rVB3	121906	217461	9.81%	0.661%

LSC Area Percent Report

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Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

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-BF121417.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 32878145

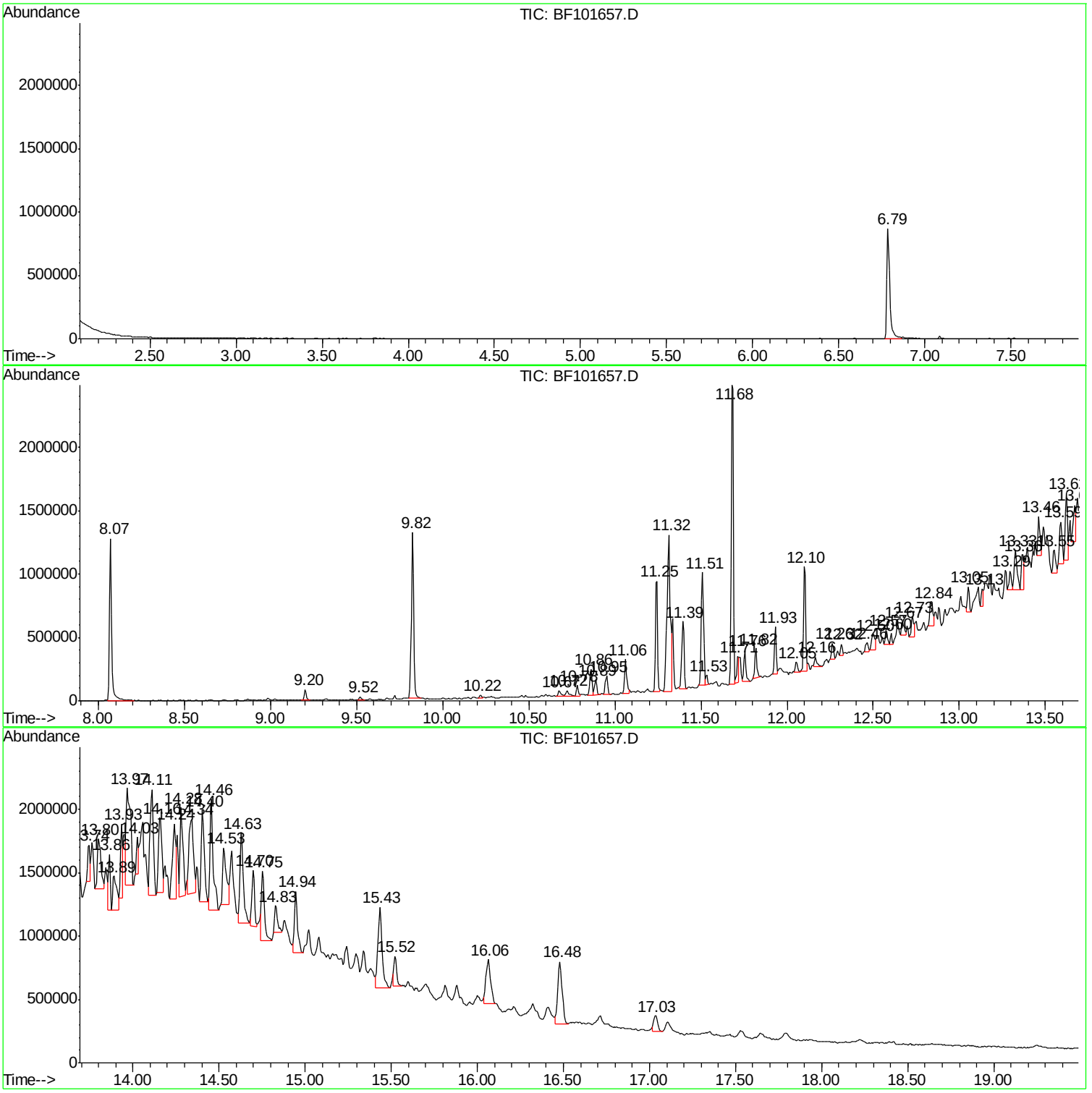
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

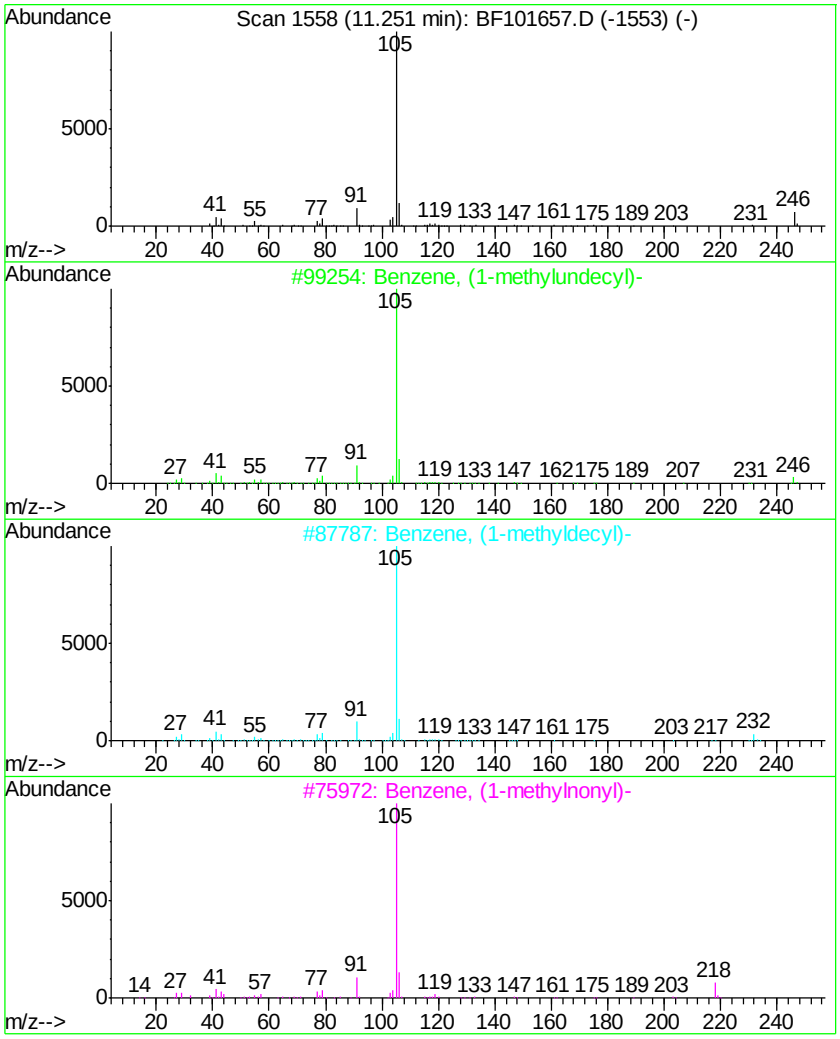
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

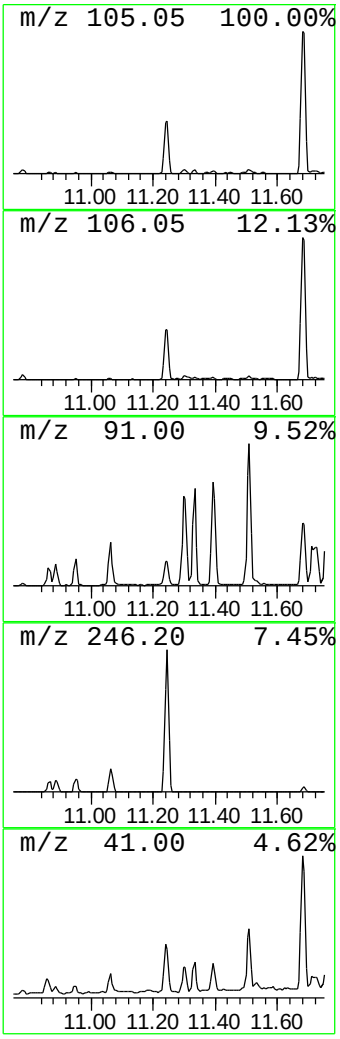
****

Peak Number 1 Benzene, (1-methylundecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	9.59 ng	801511	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	95
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	72
5	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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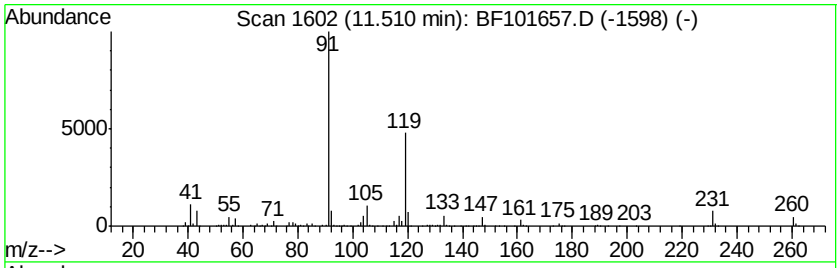
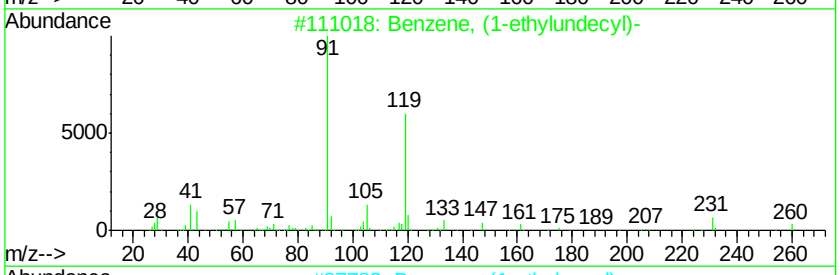
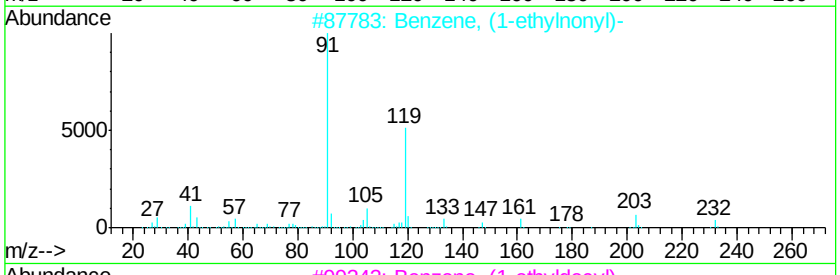
Peak Number 2 Benzene, (1-ethylundecyl)- Concentration Rank 18

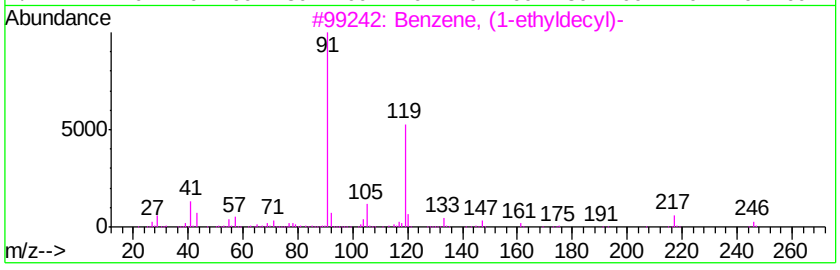
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	8.96 ng	748519	Phenanthrene-d10	11.32

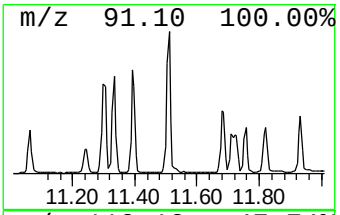
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	93
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	80
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	72
4	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53
5	2-Phenylbutyryl chloride	182	C10H11ClO	036854-57-6	50

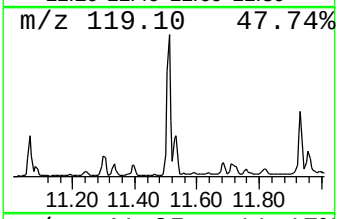


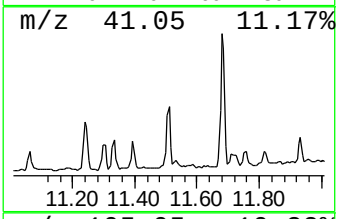


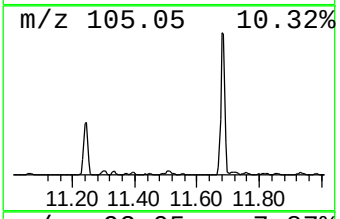


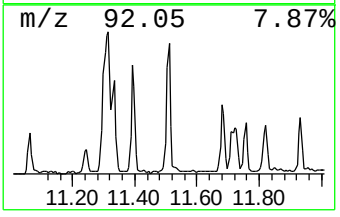












Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
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Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

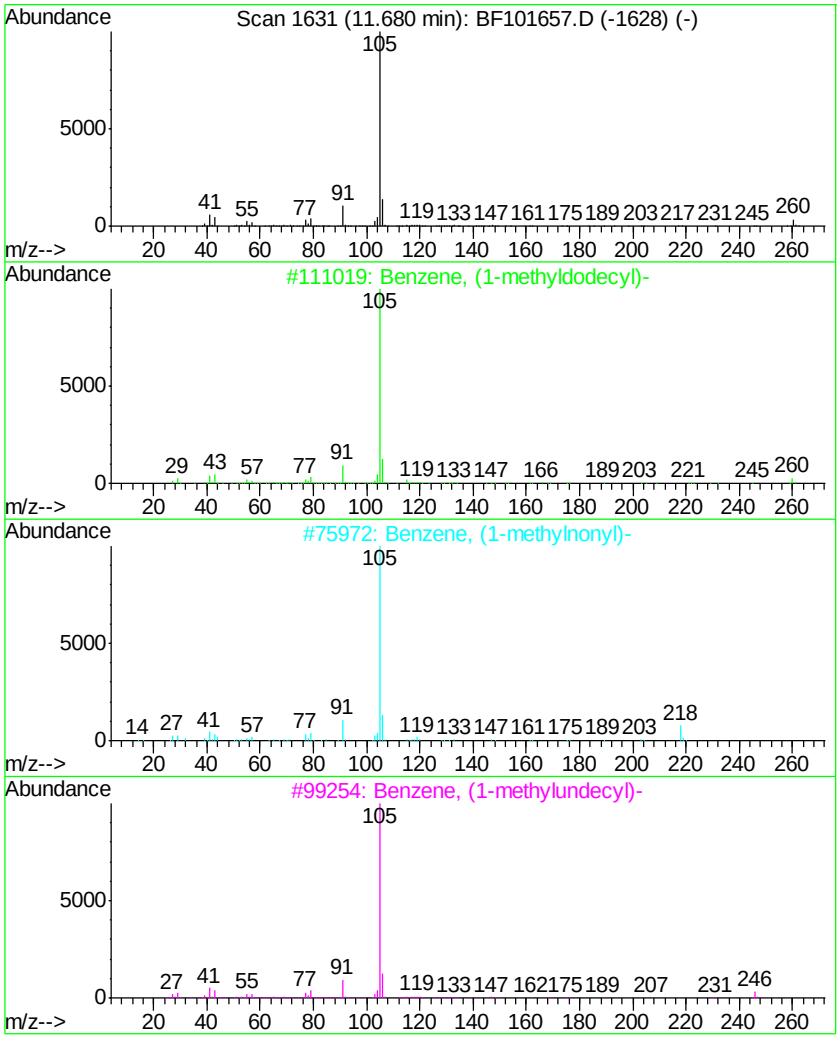
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

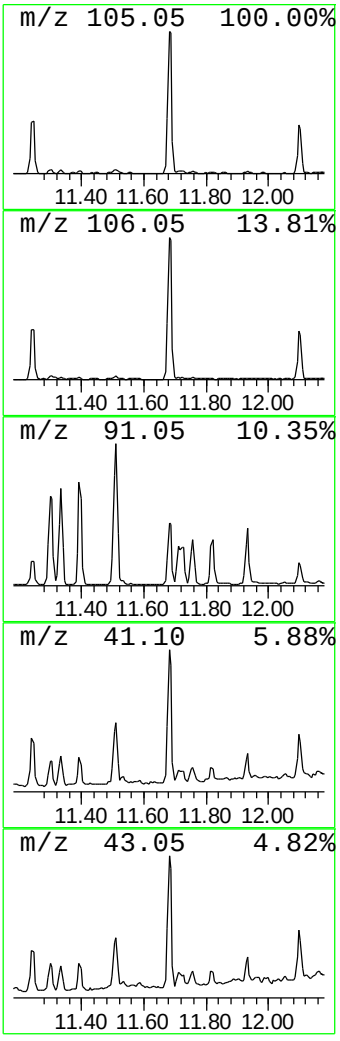
****

Peak Number 3 Benzene, (1-methyldodecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	26.53 ng	2216250	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	91
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	83
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
5	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	50





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

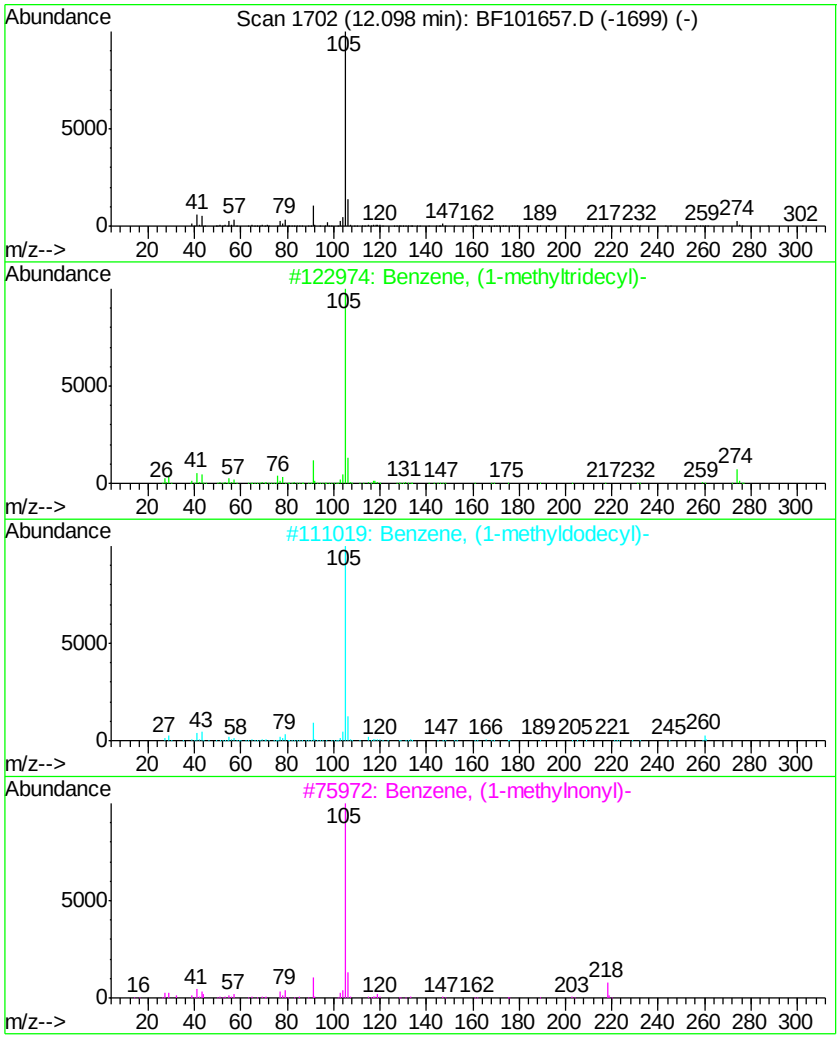
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

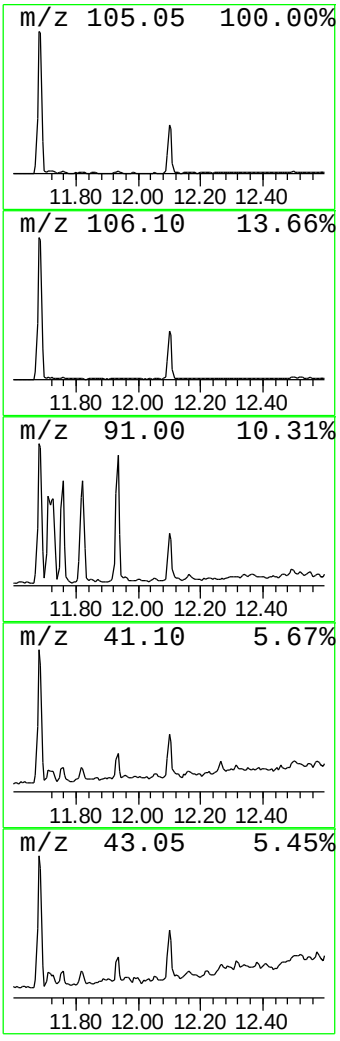
****

Peak Number 4 Benzene, (1-methyltridecyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	9.12 ng	761563	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	80
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
5	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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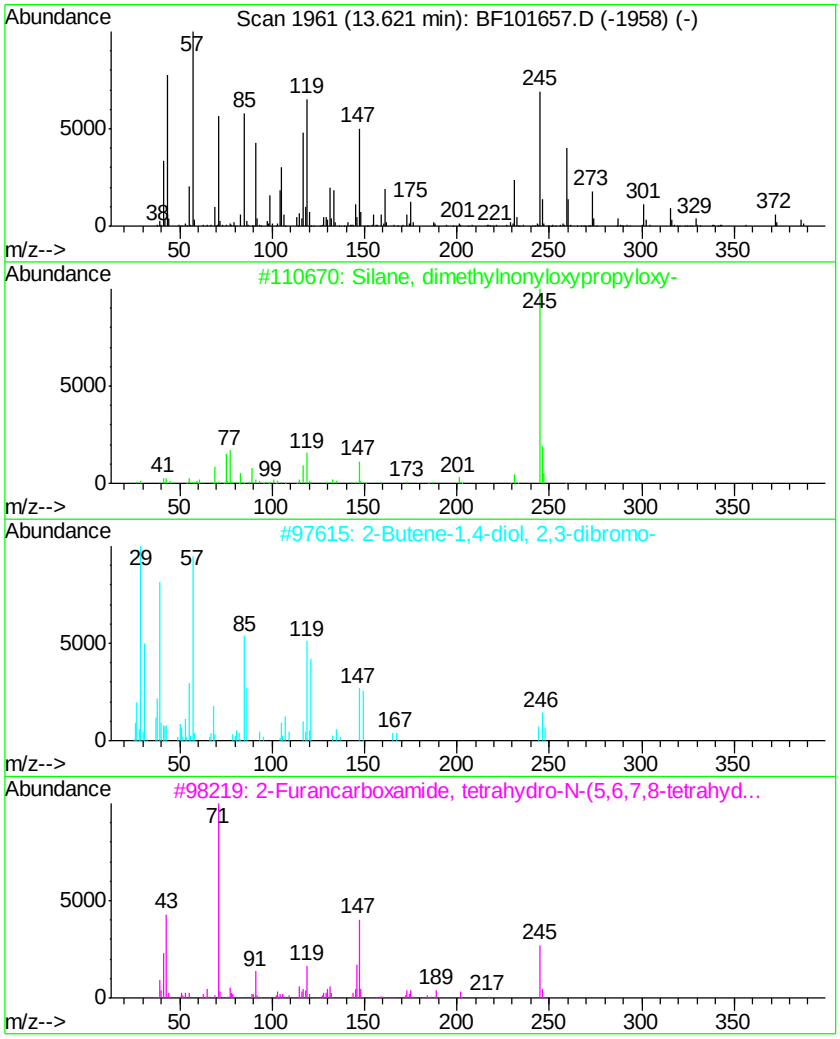
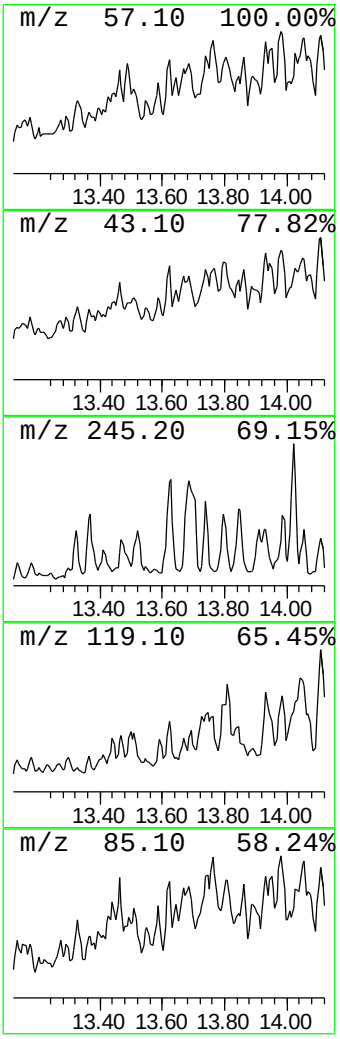
Peak Number 5 unknown13.62 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	8.64 ng	537058	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dimethylnonyloxypropyloxy-	260	C14H32O2Si	1000356-04-5	27
2	2-Butene-1,4-diol, 2,3-dibromo-	244	C4H6Br2O2	003234-02-4	27
3	2-Furancarboxamide, tetrahydro-N...	245	C15H19NO2	1000350-24-2	20
4	2-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-43-8	18
5	Silane, diethylbutoxy(2-heptyloxy)-	274	C15H34O2Si	1000363-71-9	14





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Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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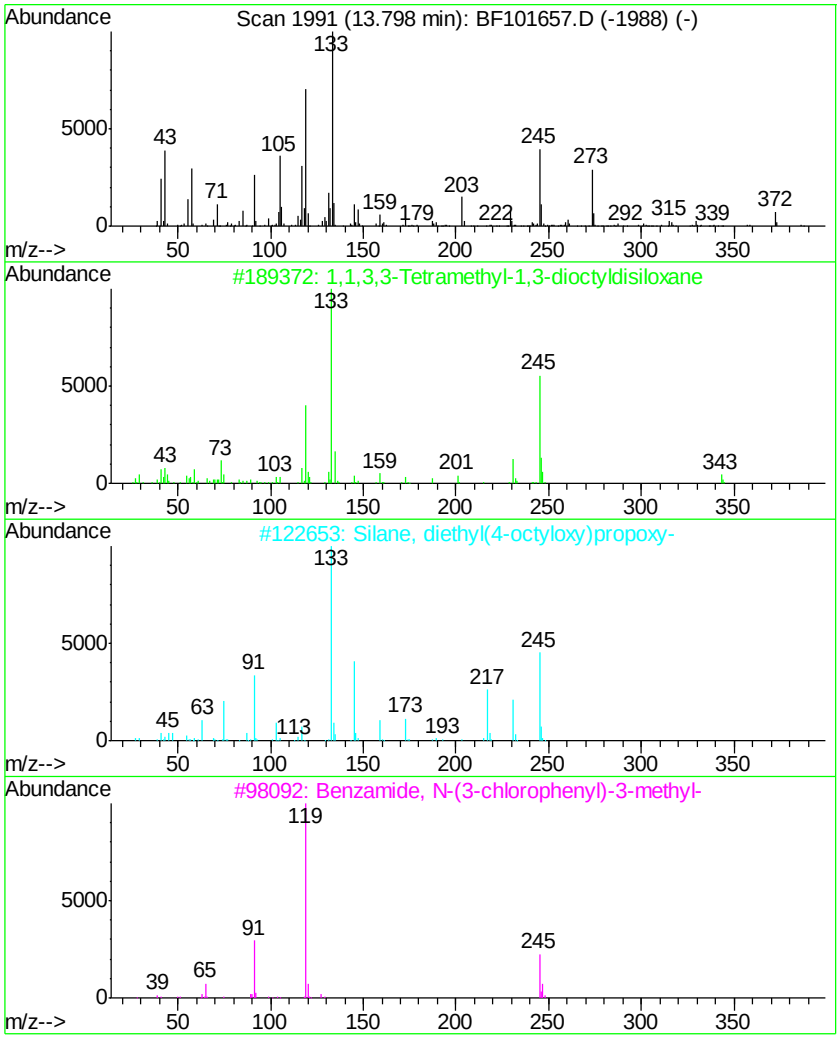
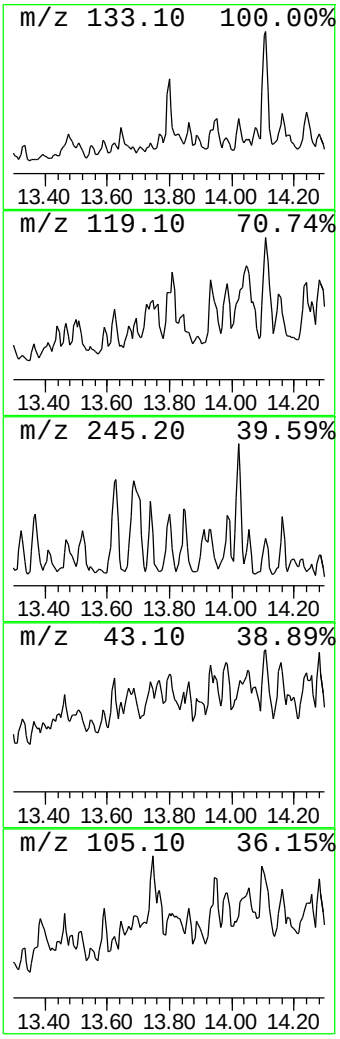
Peak Number 6 unknown13.80 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	9.91 ng	616060	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,3,3-Tetramethyl-1,3-dioctyld...	358	C20H46OSi2	018642-94-9	40
2	Silane, diethyl(4-octyloxy)propoxy-	274	C15H34O2Si	1000363-74-5	37
3	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	22
4	Benzamide, N-(3-chlorophenyl)-2-...	245	C14H12ClNO	1000307-00-4	22
5	Benzene, 1,3,5-trimethyl-2-octad...	372	C27H48	055282-67-2	22





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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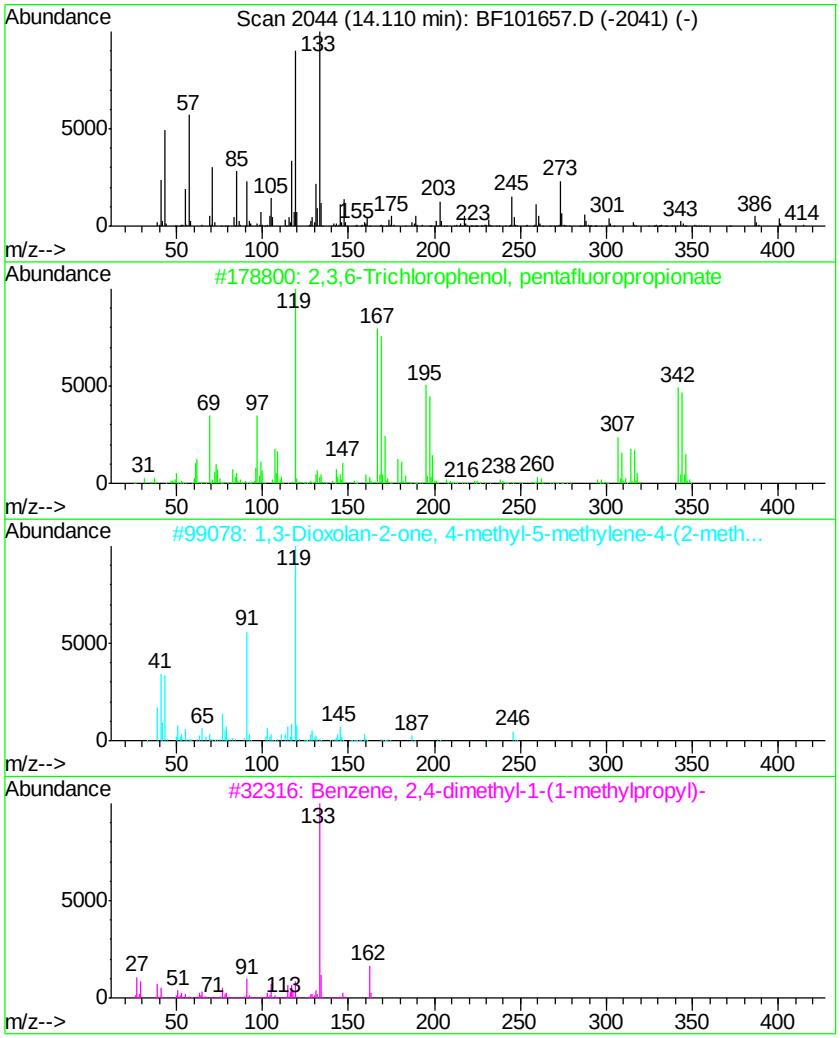
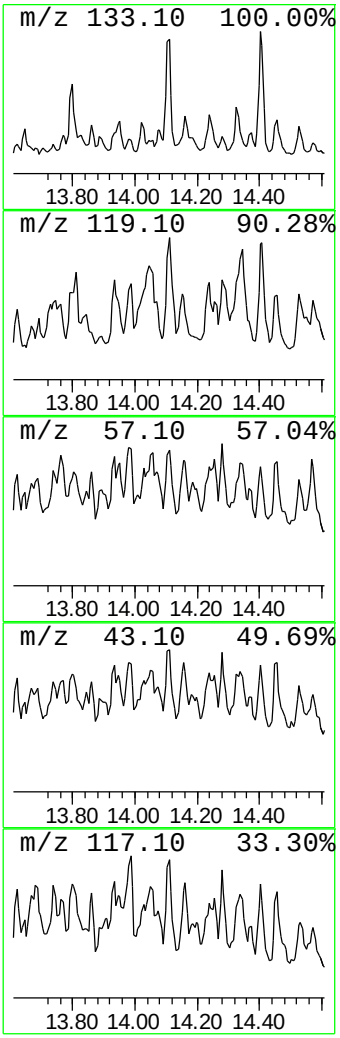
Peak Number 7 2,3,6-Trichlorophenol, pent... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	16.83 ng	1045800	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,6-Trichlorophenol, pentafluo...	342	C9H2Cl3F5O2	1000365-60-7	60
2	1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	35
3	Benzene, 2,4-dimethyl-1-(1-methy...	162	C12H18	001483-60-9	27
4	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	22
5	Benzamide, 3-methyl-N-(4-chlorop...	245	C14H12ClNO	1000339-11-8	22





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Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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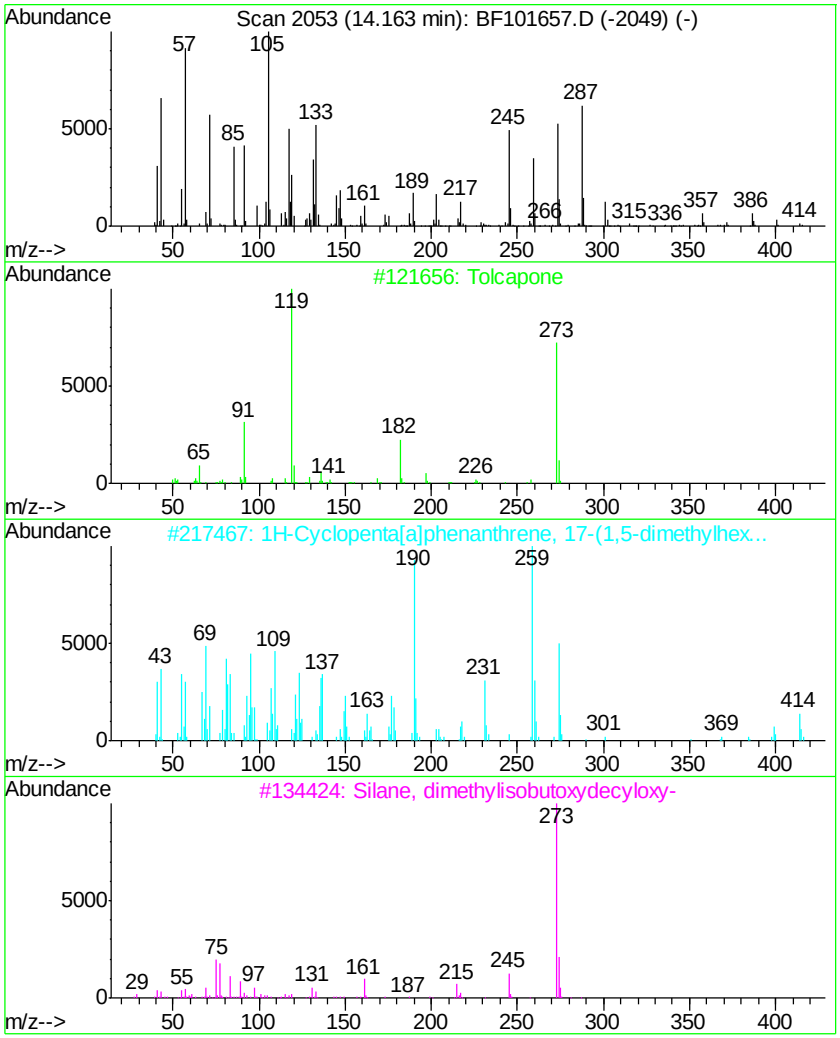
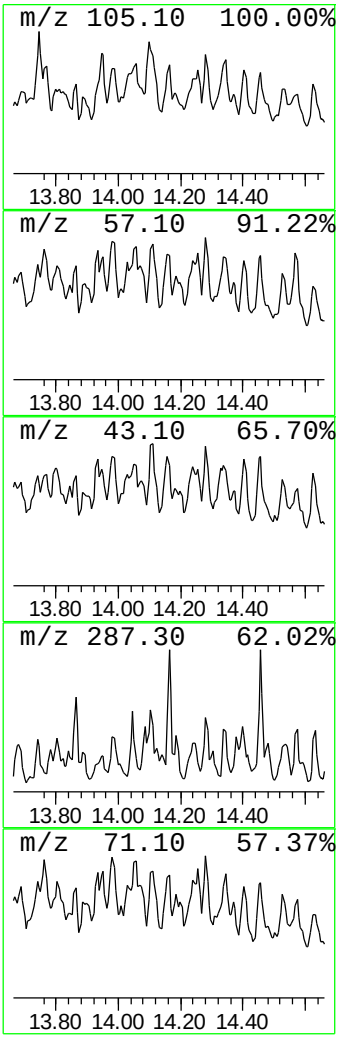
Peak Number 8 unknown14.16 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	12.17 ng	756344	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	22
2	1H-Cyclopenta[a]phenanthrene, 17...	414	C30H54	000474-20-4	20
3	Silane, dimethylisobutoxydecyloxy-	288	C16H36O2Si	1000346-76-9	14
4	24-Norcholan-16-one, 22-methyl-,...	344	C24H40O	054498-41-8	14
5	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	14





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Instrument : BNA_F
ClientSampleId : SV21854L

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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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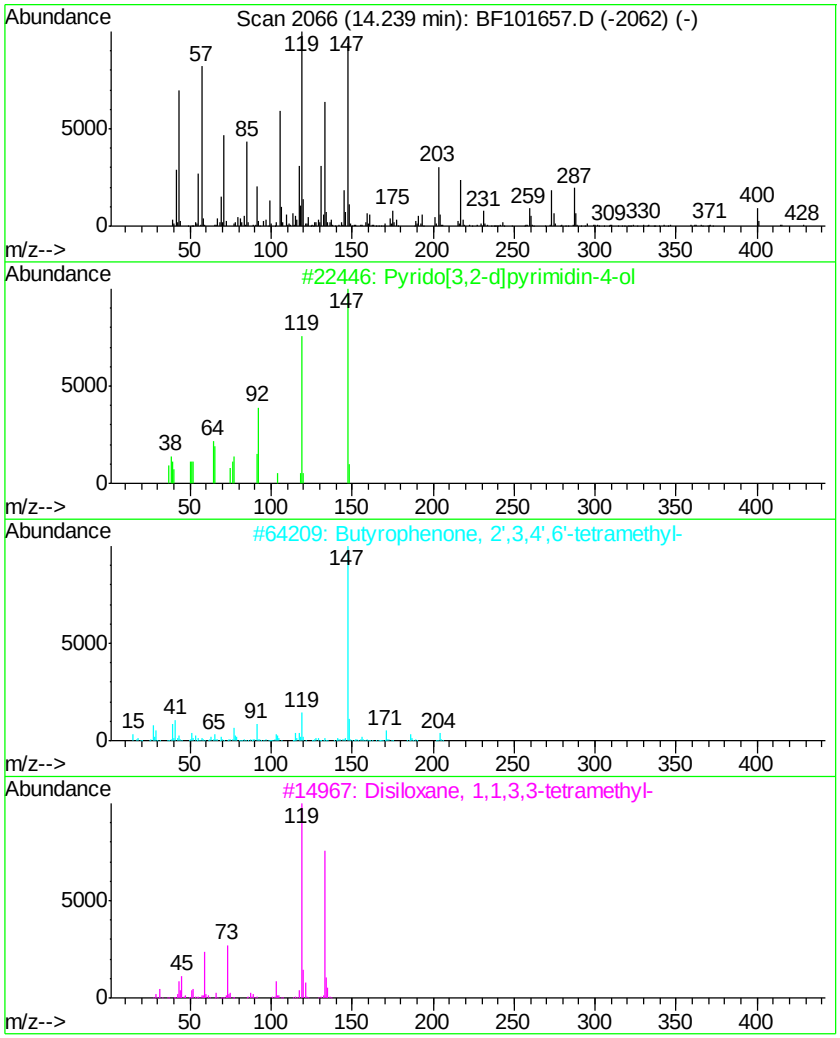
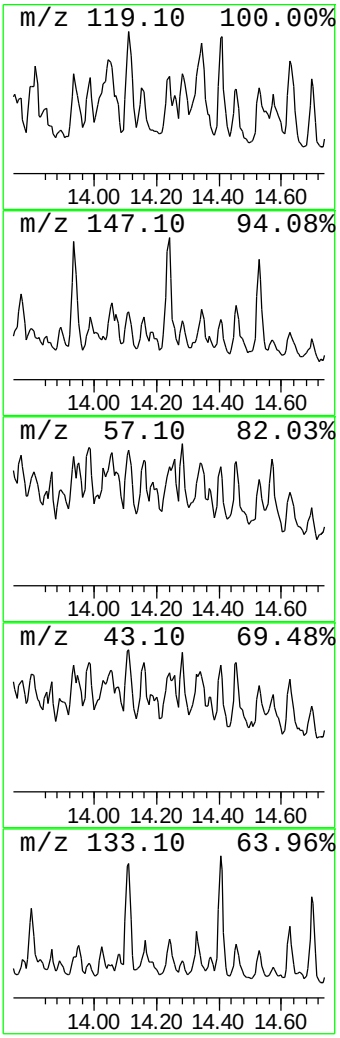
Peak Number 9 unknown14.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	13.70 ng	851326	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrido[3,2-d]pyrimidin-4-ol	147	C7H5N3O	037538-67-3	38
2	Butyrophenone, 2',3,4',6'-tetram...	204	C14H20O	005344-18-3	35
3	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	22
4	1-(Trimethylsilylmethyl)dimethyl...	218	C10H26OSi2	018001-84-8	22
5	Indolin-2-one, 1-methyl-3-t-butyl-	203	C13H17NO	175467-51-3	20





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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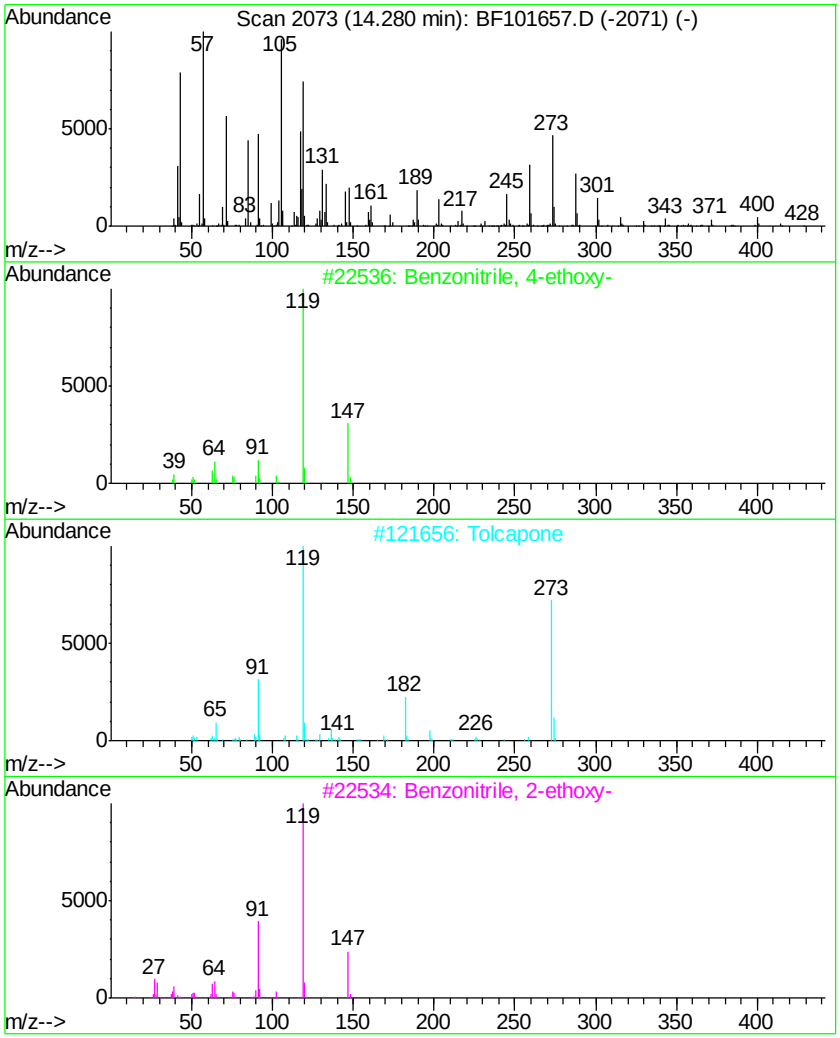
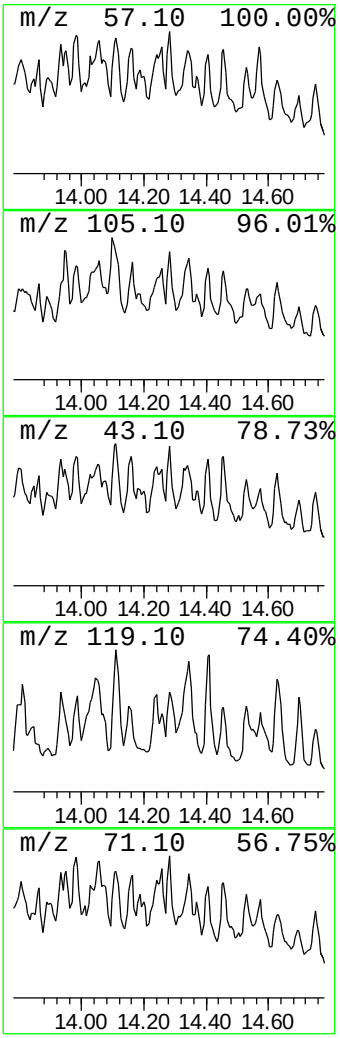
Peak Number 10 unknown14.28 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	12.01 ng	746384	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	25
2	Tolcapone	273	C14H11NO5	134308-13-7	25
3	Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	22
4	Urea, N-(3-methylbenzoyl)-N'-(5-...	259	C13H13N3O3	1000320-00-2	22
5	1H-Benzo[4,5]imidazo[2,1-c][1,2,...	318	C18H14N4O2	1000310-15-4	22





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Instrument : BNA_F
ClientSampleId : SV21854L

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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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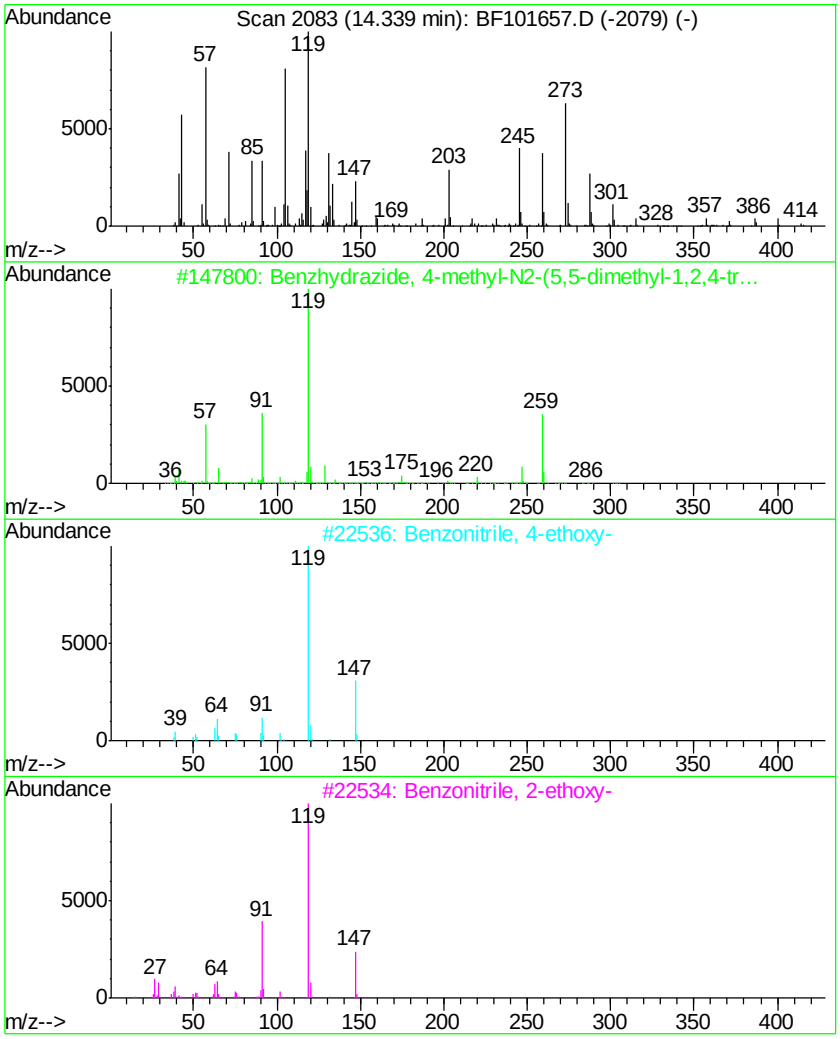
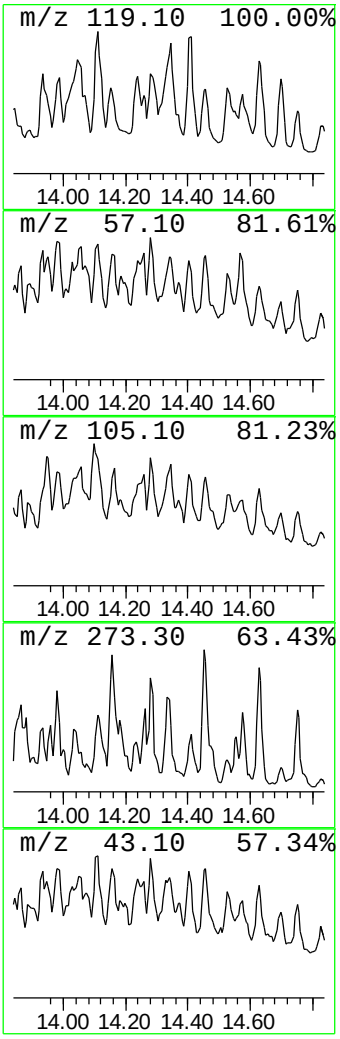
Peak Number 11 unknown14.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	17.60 ng	1093820	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 4-methyl-N2-(5,5-...	304	C16H20N2O4	1000264-15-6	35
2	Benzonitrile, 4-ethoxy-	147	C9H9NO	025117-74-2	22
3	Benzonitrile, 2-ethoxy-	147	C9H9NO	006609-57-0	22
4	Benzonitrile, 3-ethoxy-	147	C9H9NO	025117-75-3	22
5	Benzamide, N-[2-acetyl-1,1-di(tr...	383	C16H15F6NO3	1000276-52-7	18





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Instrument : BNA_F
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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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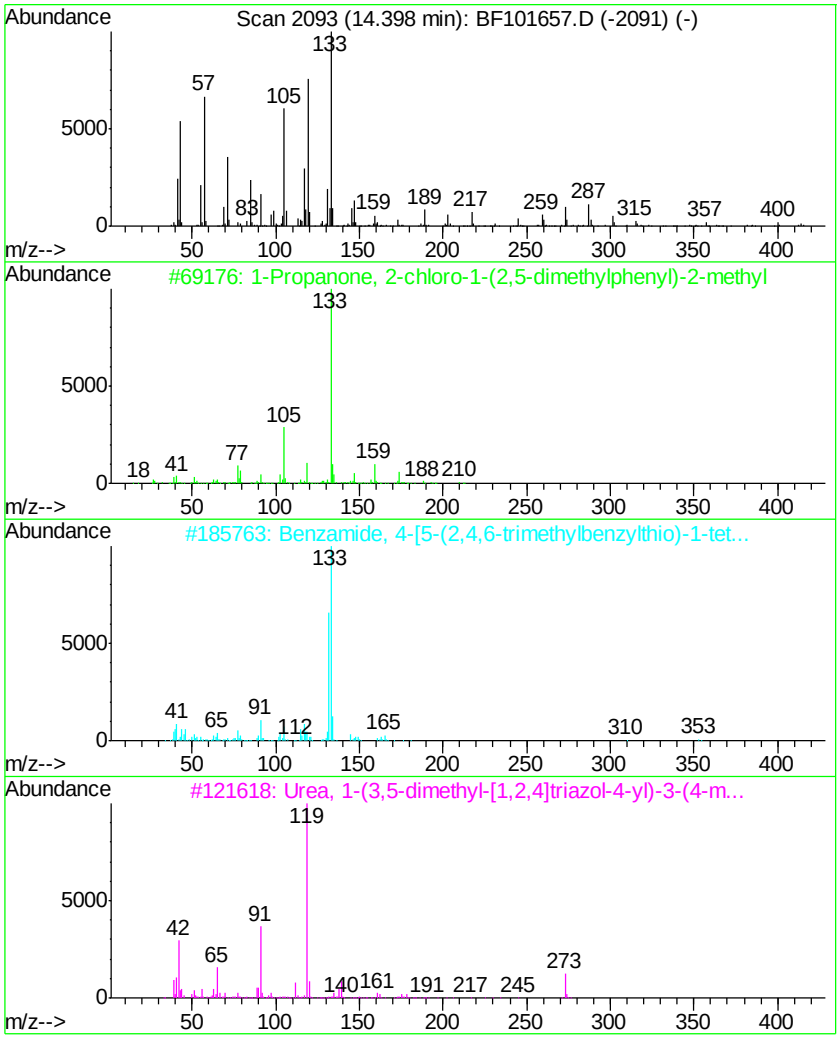
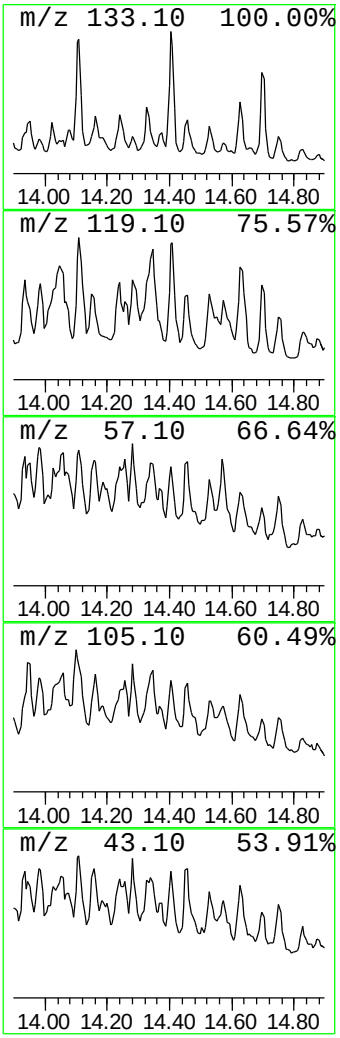
Peak Number 12 unknown14.40 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	13.18 ng	819314	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 2-chloro-1-(2,5-dim...	210	C12H15ClO	054965-52-5	27
2	Benzamide, 4-[5-(2,4,6-trimethyl...	353	C18H19N5OS	309735-33-9	27
3	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-84-7	27
4	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-81-1	27
5	1H-Benzo[4,5]imidazo[2,1-c][1,2,...	318	C18H14N4O2	1000310-15-4	25





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Instrument : BNA_F
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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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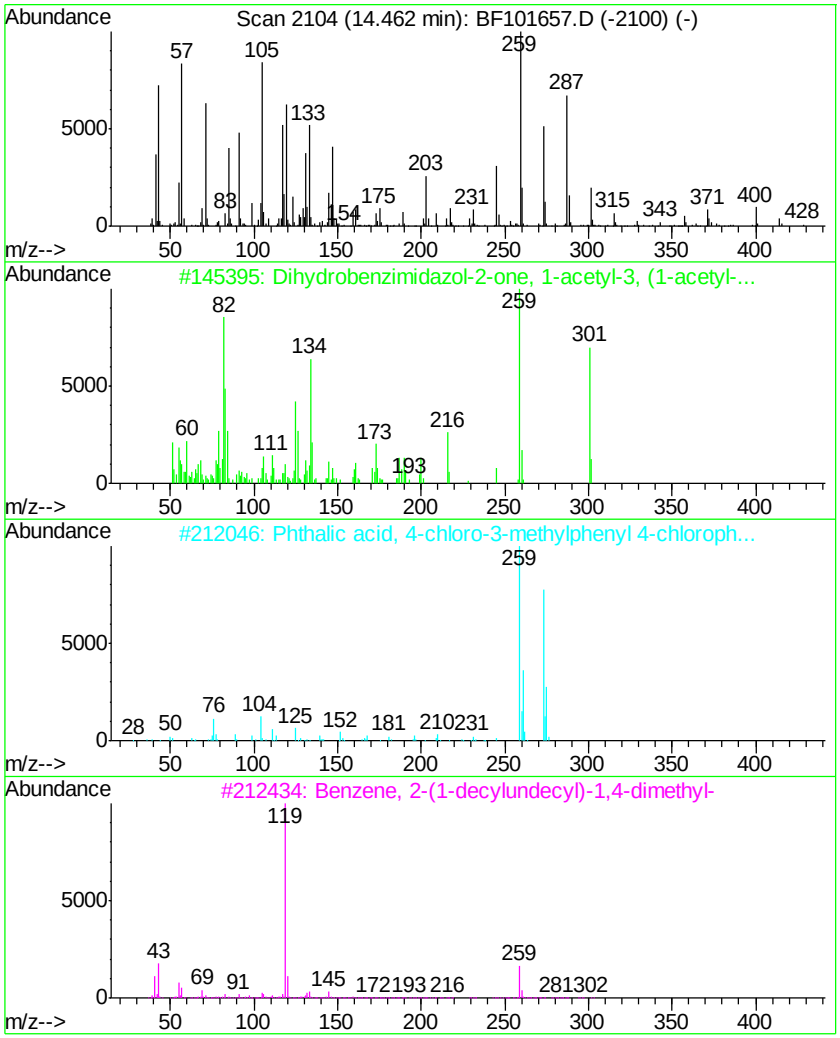
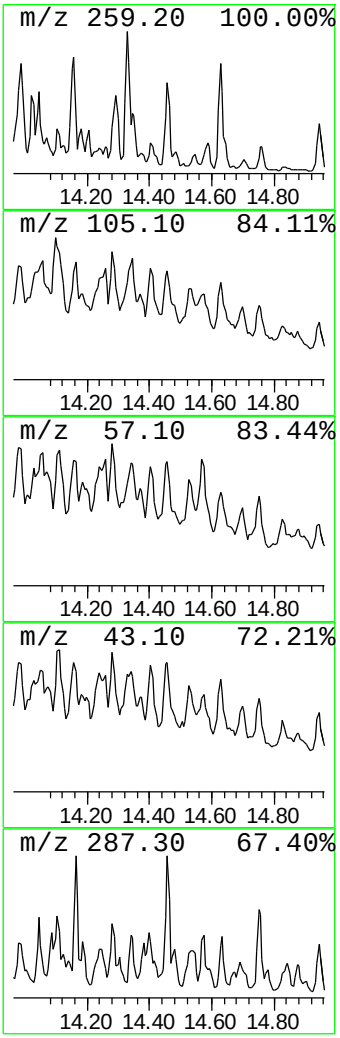
Peak Number 13 Dihydrobenzimidazol-2-one, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	18.74 ng	1164810	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihydrobenzimidazol-2-one, 1-ace...	301	C16H19N3O3	1000280-84-2	90
2	Phthalic acid, 4-chloro-3-methyl...	400	C21H14Cl2O4	1000315-71-9	12
3	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	12
4	24-Norcholan-16-one, 22-methyl-,...	344	C24H40O	054498-41-8	11
5	2,4-Dimethyl-indeno[1,2-g]quinol...	259	C18H13NO	1000297-34-2	11





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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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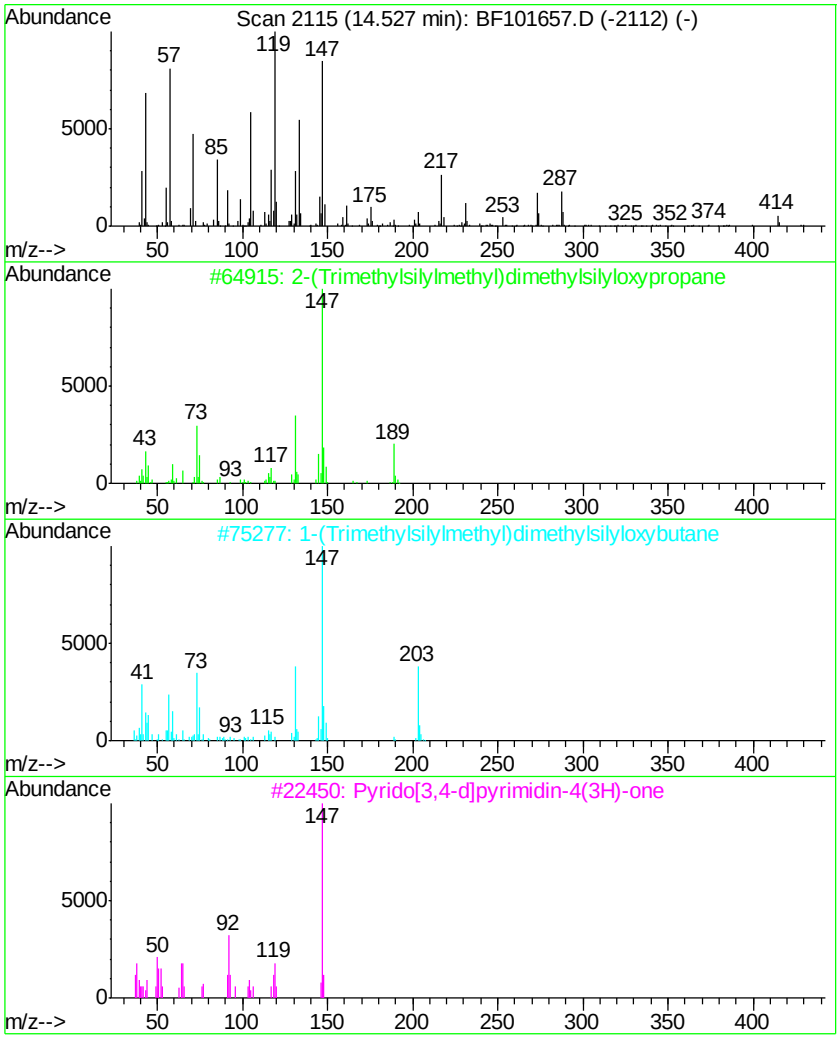
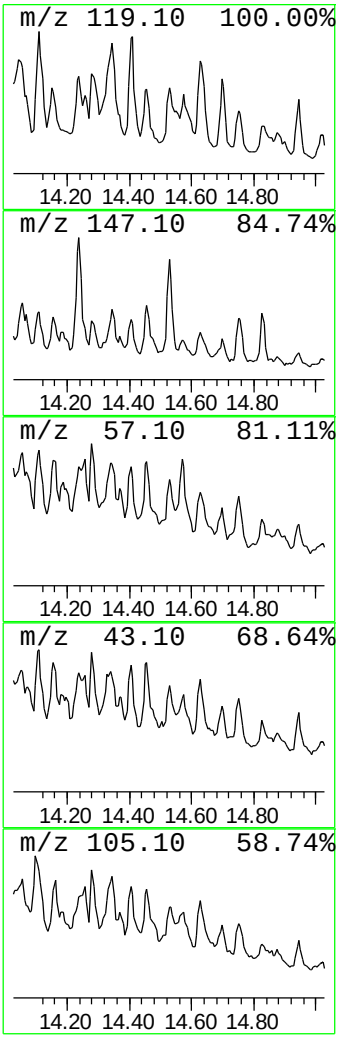
Peak Number 14 unknown14.53 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	10.76 ng	668777	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(Trimethylsilylmethyl)dimethyl...	204	C9H24OSi2	005089-47-4	22
2	1-(Trimethylsilylmethyl)dimethyl...	218	C10H26OSi2	018001-84-8	22
3	Pyrido[3,4-d]pyrimidin-4(3H)-one	147	C7H5N3O	019178-25-7	22
4	Indane, 2-methoxy-1-(2-methylallyl)	202	C14H18O	1000196-88-9	22
5	1-(Trimethylsilylmethyl)dimethyl...	232	C11H28OSi2	1000216-85-9	22





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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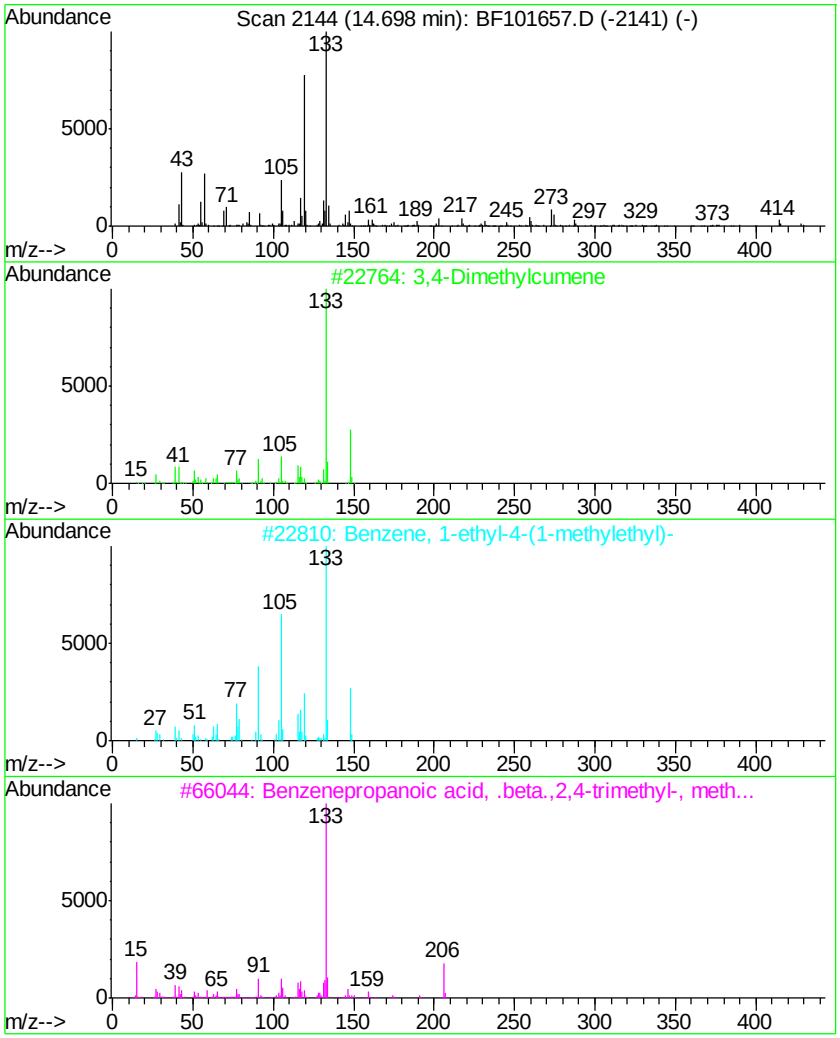
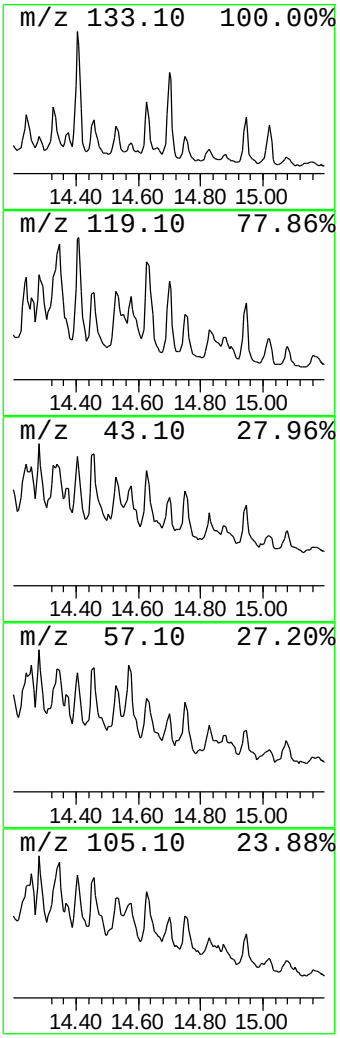
Peak Number 16 unknown14.70 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	8.19 ng	509191	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	43
3	Benzenepropanoic acid, .beta.,2,...	206	C13H18O2	056298-76-1	37
4	Benzenepropanoic acid, .beta.,3,...	206	C13H18O2	056298-99-8	37
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	37





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

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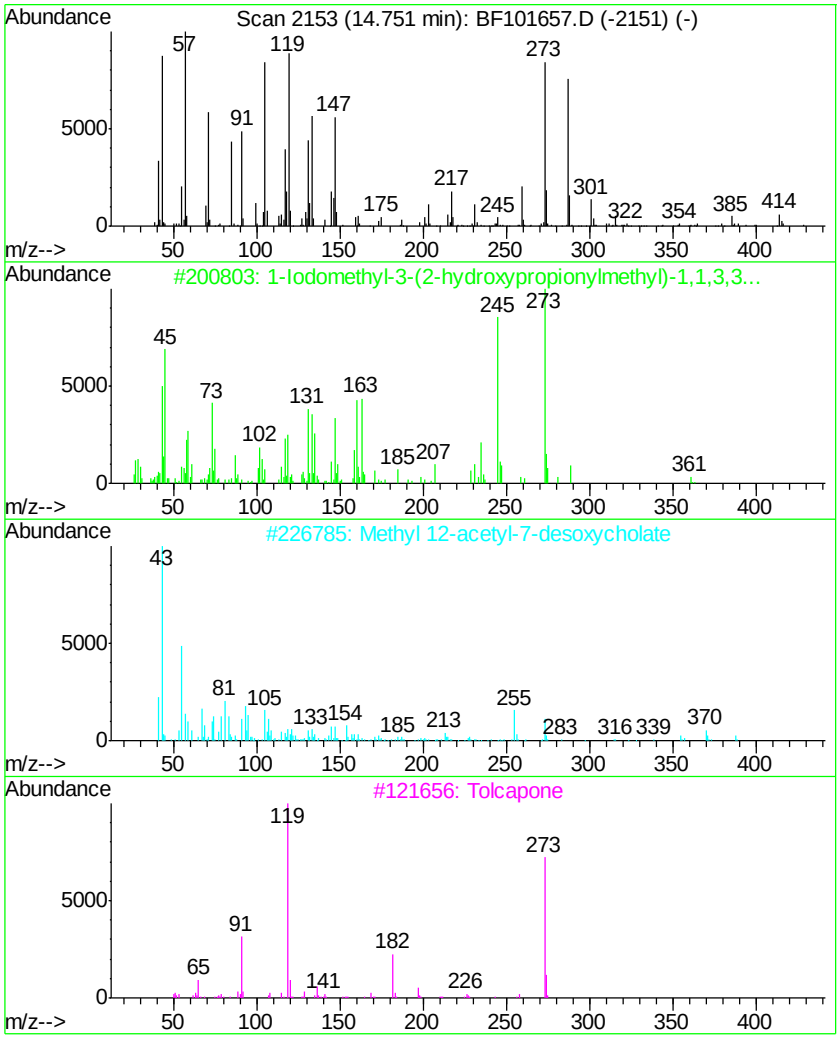
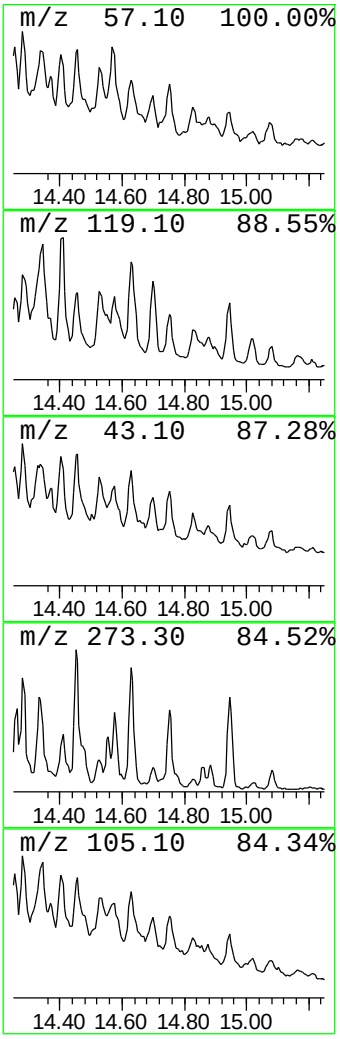
Peak Number 17 unknown14.75 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	13.94 ng	717425	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodomethyl-3-(2-hydroxypropion...	376	C9H21IO4Si2	1000280-22-1	38
2	Methyl 12-acetyl-7-desoxycholate	448	C27H44O5	055547-48-3	28
3	Tolcapone	273	C14H11NO5	134308-13-7	22
4	N-(4-Biphenylyl)-p-toluamide	287	C20H17NO	313251-13-7	12
5	1-(4-Methyl-6-chloro-quinolin-2-...	273	C14H12ClN3O	111784-26-0	12





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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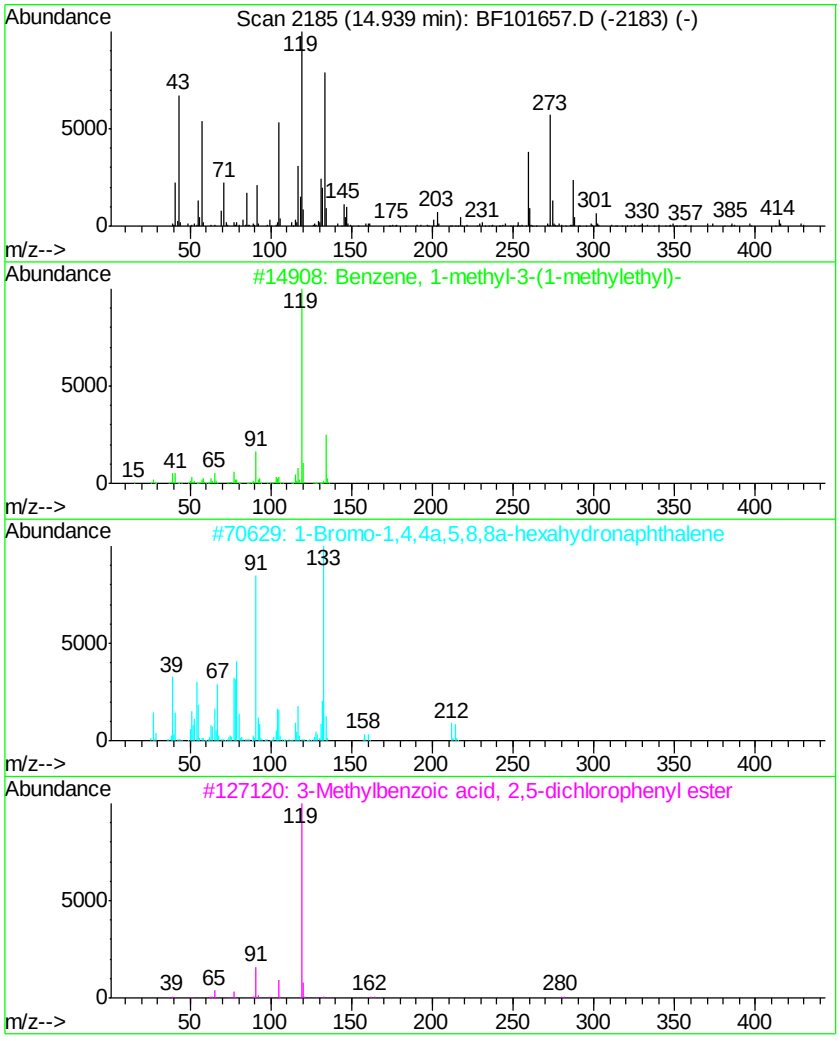
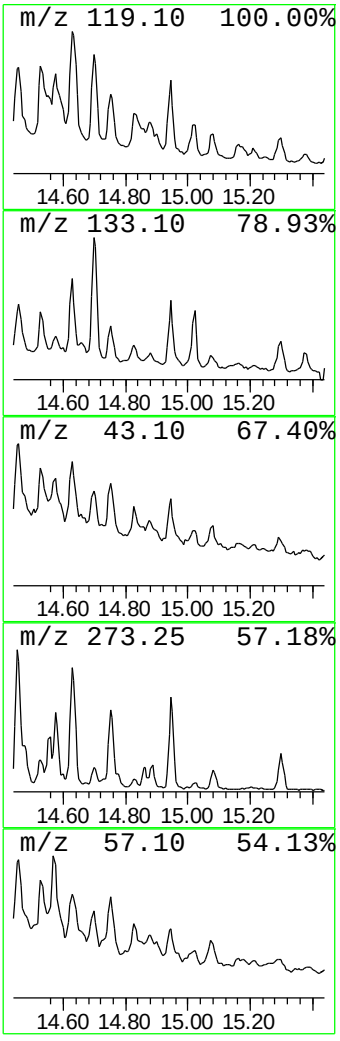
Peak Number 18 unknown14.94 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	12.61 ng	648858	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	15
2	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	15
3	3-Methylbenzoic acid, 2,5-dichlo...	280	C14H10Cl2O2	1000325-71-3	11
4	4-Methylbenzoic acid, 4-isopropy...	254	C17H18O2	1000331-36-4	11
5	p-Cymene	134	C10H14	000099-87-6	11





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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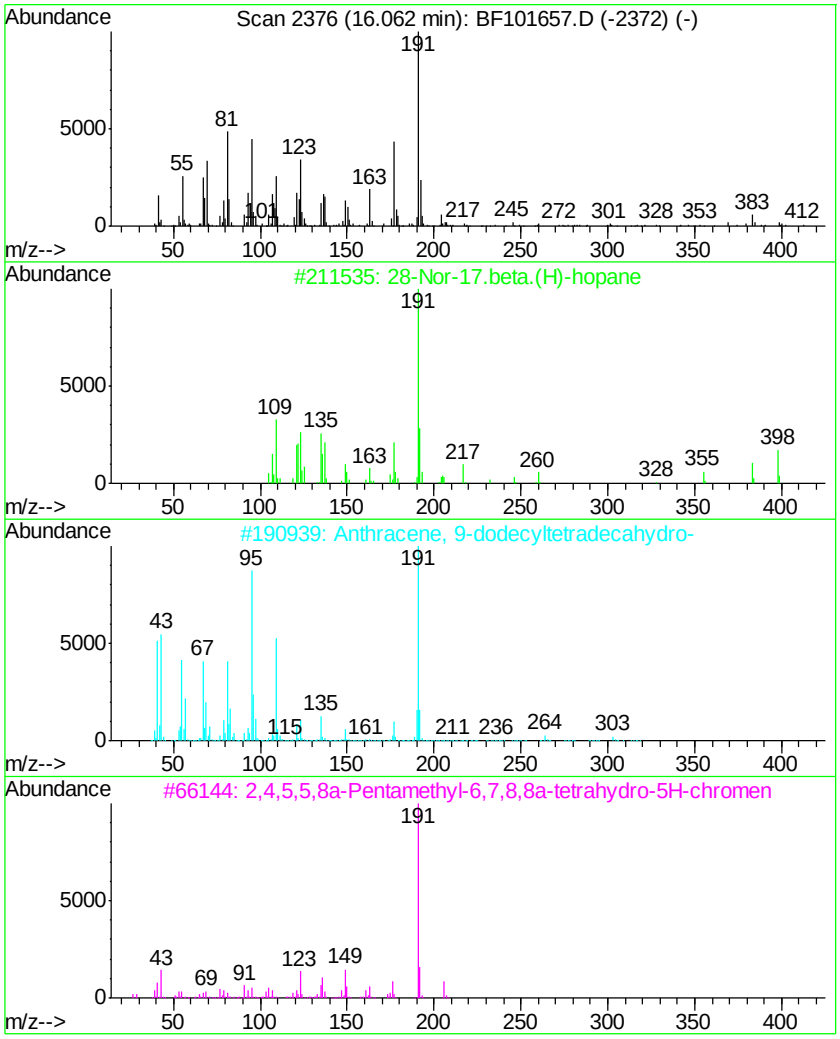
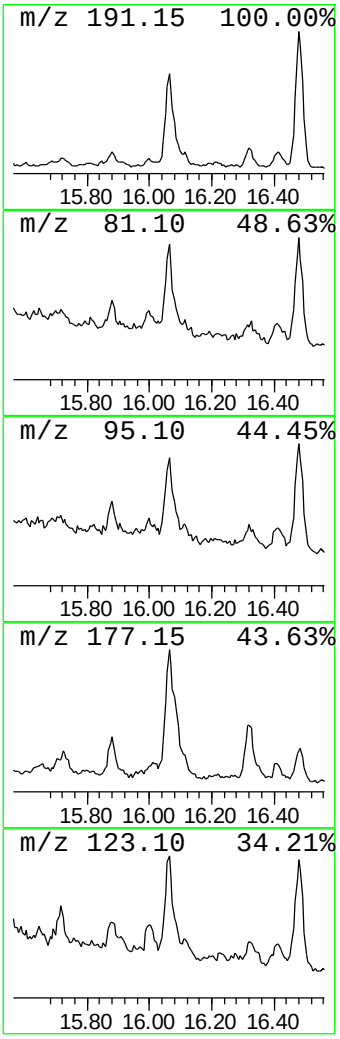
Peak Number 19 28-Nor-17.beta.(H)-hopane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	12.01 ng	618329	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	50
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
3	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38
4	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	32
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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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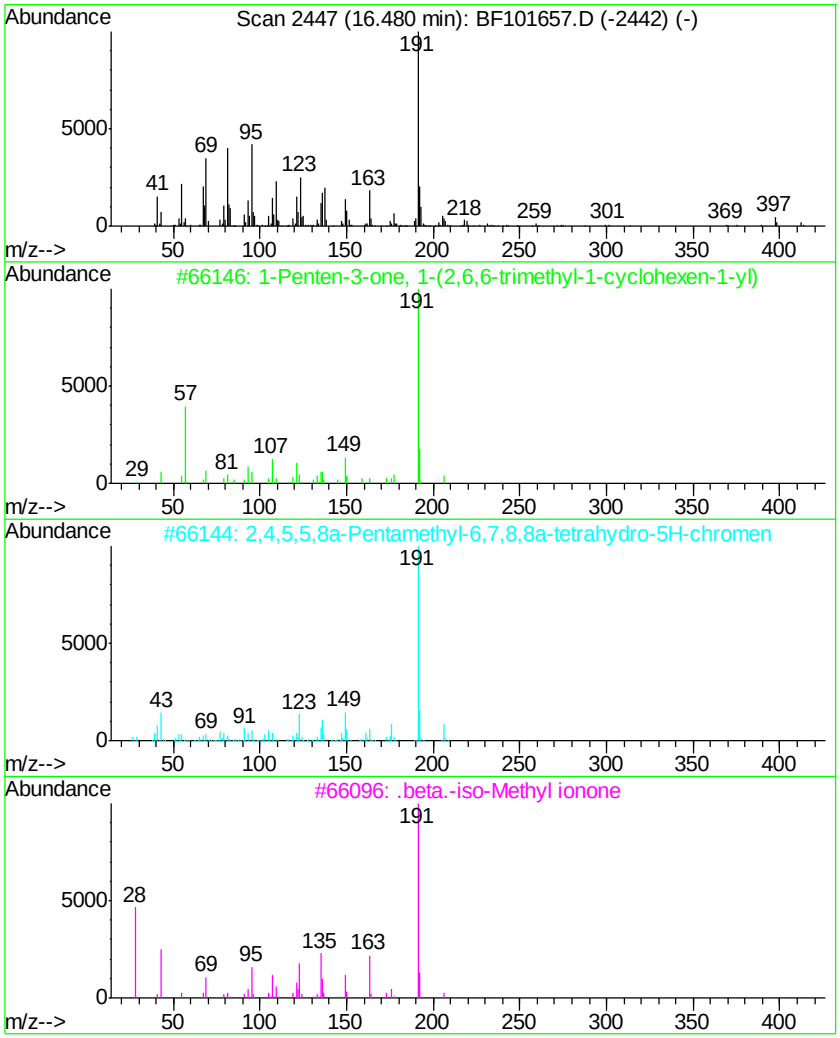
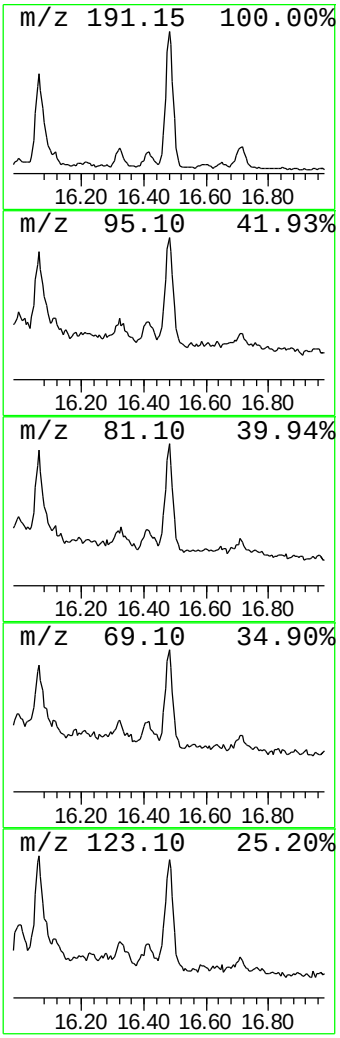
Peak Number 20 1-Penten-3-one, 1-(2,6,6-tr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	16.72 ng	860584	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	Silane, dimethyl(dimethyl(dodec-...	374	C19H42O3Si2	1000348-07-2	35
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101657.D
Acq On : 22 Dec 2017 16:59
Operator : SJ/JU
Sample : I7007-01 100X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SV21854L

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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
Benzene, (1-methy...	11.25	9.6	ng	801511	4	11.32	1670870	20.0
Benzene, (1-ethyl...	11.51	9.0	ng	748519	4	11.32	1670870	20.0
Benzene, (1-methy...	11.68	26.5	ng	2216250	4	11.32	1670870	20.0
Benzene, (1-methy...	12.10	9.1	ng	761563	4	11.32	1670870	20.0
unknown13.62	13.62	8.6	ng	537058	5	13.97	1243040	20.0
unknown13.80	13.80	9.9	ng	616060	5	13.97	1243040	20.0
2,3,6-Trichloroph...	14.11	16.8	ng	1045800	5	13.97	1243040	20.0
unknown14.16	14.16	12.2	ng	756344	5	13.97	1243040	20.0
unknown14.24	14.24	13.7	ng	851326	5	13.97	1243040	20.0
unknown14.28	14.28	12.0	ng	746384	5	13.97	1243040	20.0
unknown14.34	14.34	17.6	ng	1093820	5	13.97	1243040	20.0
unknown14.40	14.40	13.2	ng	819314	5	13.97	1243040	20.0
Dihydrobenzimidaz...	14.46	18.7	ng	1164810	5	13.97	1243040	20.0
unknown14.53	14.53	10.8	ng	668777	5	13.97	1243040	20.0
unknown14.70	14.70	8.2	ng	509191	5	13.97	1243040	20.0
unknown14.75	14.75	13.9	ng	717425	6	15.43	1029340	20.0
unknown14.94	14.94	12.6	ng	648858	6	15.43	1029340	20.0
28-Nor-17.beta.(H...	16.06	12.0	ng	618329	6	15.43	1029340	20.0
1-Penten-3-one, 1...	16.48	16.7	ng	860584	6	15.43	1029340	20.0