LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106506.D
Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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-BF061118.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	6.966	783	787	790	rBV	752378	589367	27.14%	1.797%
2	8.248	1001	1005	1010	rBV	846846	676284	31.14%	2.062%
3	8.295	1010	1013	1021	rVB	12233	22054	1.02%	0.067%
4	9.172	1159	1162	1166	rVB	147727	120362	5.54%	0.367%
5	9.213	1166	1169	1171	rVB	35923	28813	1.33%	0.088%
6	9.383	1195	1198	1202	rBV	119746	98614	4.54%	0.301%
7	10.007	1300	1304	1313	rBV	746675	653631	30.10%	1.993%
8	10.478	1378	1384	1388	rBV2	58397	56440	2.60%	0.172%
9	10.595	1401	1404	1405	rBV	30257	24087	1.11%	0.073%
10	10.613	1405	1407	1409	rVB	59799	44325	2.04%	0.135%
11	10.672	1414	1417	1420	rVB2	62054	56020	2.58%	0.171%
12	10.783	1434	1436	1442	rVB2	77012	79404	3.66%	0.242%
13	10.866	1447	1450	1455	rVB	245370	241027	11.10%	0.735%
14	10.966	1464	1467	1470	rBV	142061	116013	5.34%	0.354%
15	11.048	1478	1481	1484	rBV	471221	447755	20.62%	1.365%
16	11.072	1484	1485	1488	rVB	334682	230357	10.61%	0.702%
17	11.136	1493	1496	1500	rVB	396540	295960	13.63%	0.902%
18	11.219	1506	1510	1512	rBV2	21530	29777	1.37%	0.091%
19	11.248	1512	1515	1518	rVV	457508	370960	17.08%	1.131%
20	11.377	1534	1537	1540	rBV2	44949	44981	2.07%	0.137%
21	11.430	1542	1546	1549	rBV	1148359	931667	42.90%	2.840%
22	11.489	1552	1556	1559	rVV2	1340940	1679794	77.34%	5.121%
23	11.519	1559	1561	1565	rVV	991236	801700	36.91%	2.444%
24	11.583	1569	1572	1575	rVB	1013555	778732	35.86%	2.374%
25	11.695	1588	1591	1594	rBV	1188944	978288	45.04%	2.982%
26	11.719	1594	1595	1598	rVB	77904	47799	2.20%	0.146%
27	11.872	1617	1621	1624	rBV	2158483	1832367	84.37%	5.586%
28	11.913	1624	1628	1631	rVV2	568799	818225	37.67%	2.494%
29	11.942	1631	1633	1639	rVB	619105	502591	23.14%	1.532%
30	12.007	1639	1644	1647	rBV	652304	577607	26.59%	1.761%
31	12.124	1660	1664	1666	rBV	934251	856019	39.41%	2.610%
32	12.148	1666	1668	1670	rVV	111045	92469	4.26%	0.282%
33	12.172	1670	1672	1677	rVB3	55954	56516	2.60%	0.172%
34	12.248	1682	1685	1689	rVB3	51636	47669	2.19%	0.145%

LSC Area Percent Report

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Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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-BF061118.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.289	1689	1692	1699	rBV2	2088101	2171881	100.00%	6.621%
36	12.354	1699	1703	1707	rBV4	80041	139838	6.44%	0.426%
37	12.419	1710	1714	1716	rVB3	33311	37412	1.72%	0.114%
38	12.460	1718	1721	1724	rBV	220522	185134	8.52%	0.564%
39	12.530	1726	1733	1736	rBV6	75559	164355	7.57%	0.501%
40	12.589	1741	1743	1749	rVV2	71742	83696	3.85%	0.255%
41	12.648	1749	1753	1757	rVV6	32190	71828	3.31%	0.219%
42	12.689	1757	1760	1762	rVV	99427	112101	5.16%	0.342%
43	12.742	1766	1769	1771	rVV3	64400	84969	3.91%	0.259%
44	12.766	1771	1773	1775	rVB	72217	61699	2.84%	0.188%
45	12.830	1781	1784	1786	rBV3	37983	39112	1.80%	0.119%
46	12.860	1786	1789	1792	rBV3	55389	80244	3.69%	0.245%
47	12.913	1796	1798	1805	rVV7	82057	125332	5.77%	0.382%
48	13.024	1815	1817	1820	rBV3	80709	74004	3.41%	0.226%
49	13.201	1844	1847	1851	rBV3	46169	57202	2.63%	0.174%
50	13.242	1852	1854	1856	rVB3	86216	64459	2.97%	0.197%
51	13.324	1865	1868	1869	rBV2	78652	75266	3.47%	0.229%
52	13.366	1873	1875	1877	rVB2	80710	66336	3.05%	0.202%
53	13.460	1888	1891	1893	rBV2	95151	96816	4.46%	0.295%
54	13.483	1893	1895	1897	rBV3	47446	40665	1.87%	0.124%
55	13.542	1902	1905	1911	rVV	372183	418709	19.28%	1.276%
56	13.654	1922	1924	1926	rBV2	129216	112710	5.19%	0.344%
57	13.689	1926	1930	1936	rVB3	340606	486904	22.42%	1.484%
58	13.742	1936	1939	1942	rBV3	110748	133348	6.14%	0.407%
59	13.783	1943	1946	1948	rBV3	109620	107912	4.97%	0.329%
60	13.813	1948	1951	1953	rBV2	259811	264327	12.17%	0.806%
61	13.860	1956	1959	1960	rBV	187622	193575	8.91%	0.590%
62	13.930	1969	1971	1974	rBV3	122643	113672	5.23%	0.347%
63	13.995	1979	1982	1987	rBV5	244269	329219	15.16%	1.004%
64	14.036	1987	1989	1990	rBV	120556	93953	4.33%	0.286%
65	14.054	1990	1992	1995	rVB2	288079	238847	11.00%	0.728%
66	14.101	1995	2000	2002	rBV3	174080	341573	15.73%	1.041%
67	14.124	2002	2004	2005	rBV	223888	185943	8.56%	0.567%
68	14.148	2005	2008	2011	rVV	805828	840952	38.72%	2.564%
69	14.177	2011	2013	2016	rVB2	478746	474327	21.84%	1.446%
70	14.248	2018	2025	2028	rBV7	249207	600498	27.65%	1.831%
71	14.307	2032	2035	2040	rVB3	516780	644565	29.68%	1.965%

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Misc :
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Instrument : BNA_F
ClientSampleId : FADW4710L

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.360	2040	2044	2046	rBV3	534081	699699	32.22%	2.133%
73	14.442	2053	2058	2059	rBV4	302765	408378	18.80%	1.245%
74	14.483	2063	2065	2070	rVB2	575605	632813	29.14%	1.929%
75	14.536	2071	2074	2079	rBV4	449595	807446	37.18%	2.462%
76	14.613	2084	2087	2091	rVV2	496744	647629	29.82%	1.974%
77	14.660	2091	2095	2103	rVB2	801298	1360842	62.66%	4.149%
78	14.742	2106	2109	2111	rVV	313640	361395	16.64%	1.102%
79	14.795	2115	2118	2124	rVB	668766	818708	37.70%	2.496%
80	14.854	2124	2128	2133	rBV2	534505	681867	31.40%	2.079%
81	14.983	2147	2150	2160	rVB2	496344	683755	31.48%	2.084%
82	15.195	2183	2186	2194	rVB	331384	477704	21.99%	1.456%
83	15.689	2266	2270	2276	rVB	427609	588885	27.11%	1.795%
84	15.948	2310	2314	2321	rVB	288034	420601	19.37%	1.282%
85	16.160	2347	2350	2357	rVB	183265	284275	13.09%	0.867%
86	18.012	2659	2665	2674	rVB	123383	287233	13.23%	0.876%

Sum of corrected areas: 32802287

LSC Report - Integrated Chromatogram

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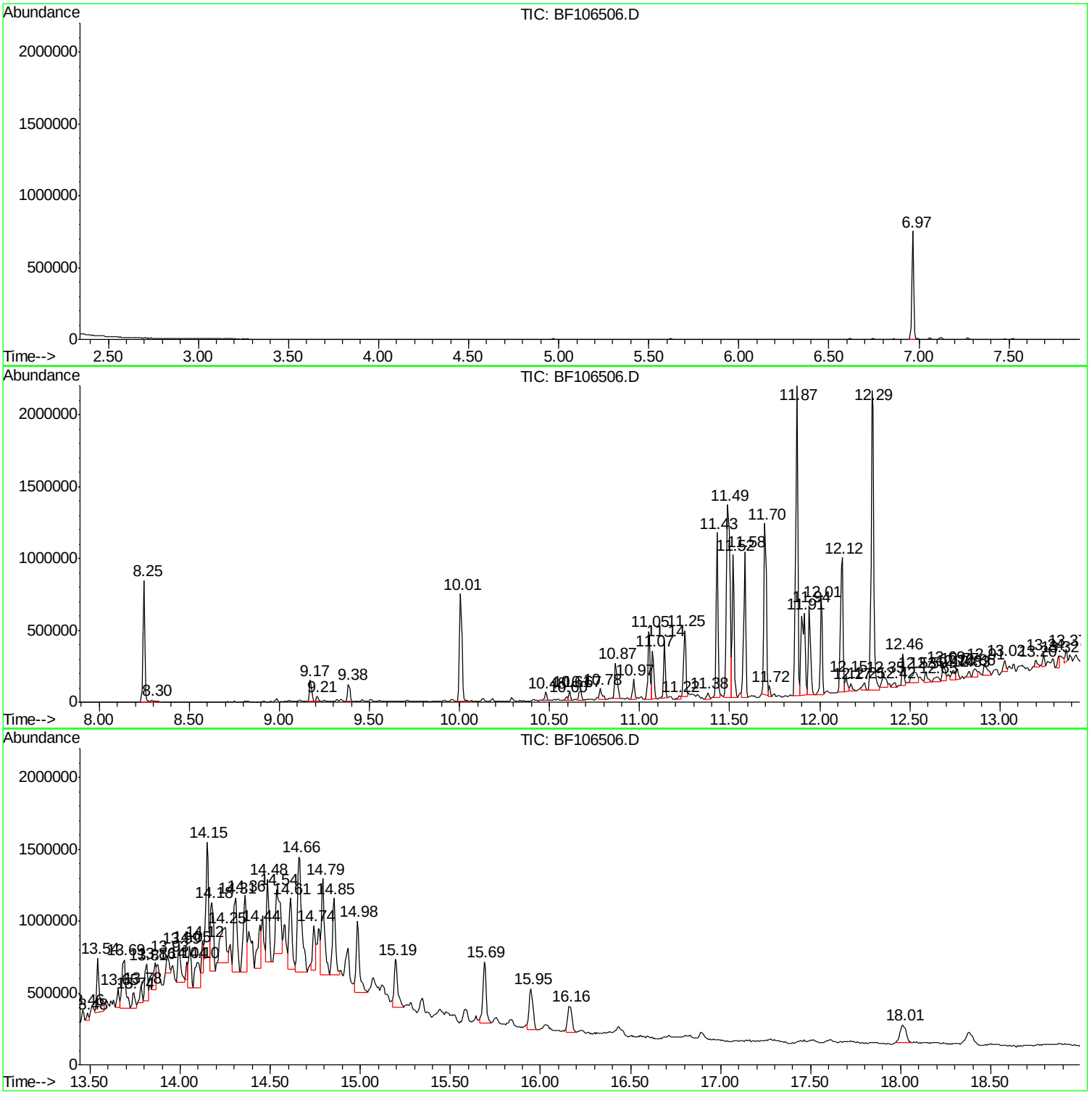
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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\BF061518\
Data File : BF106506.D
Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

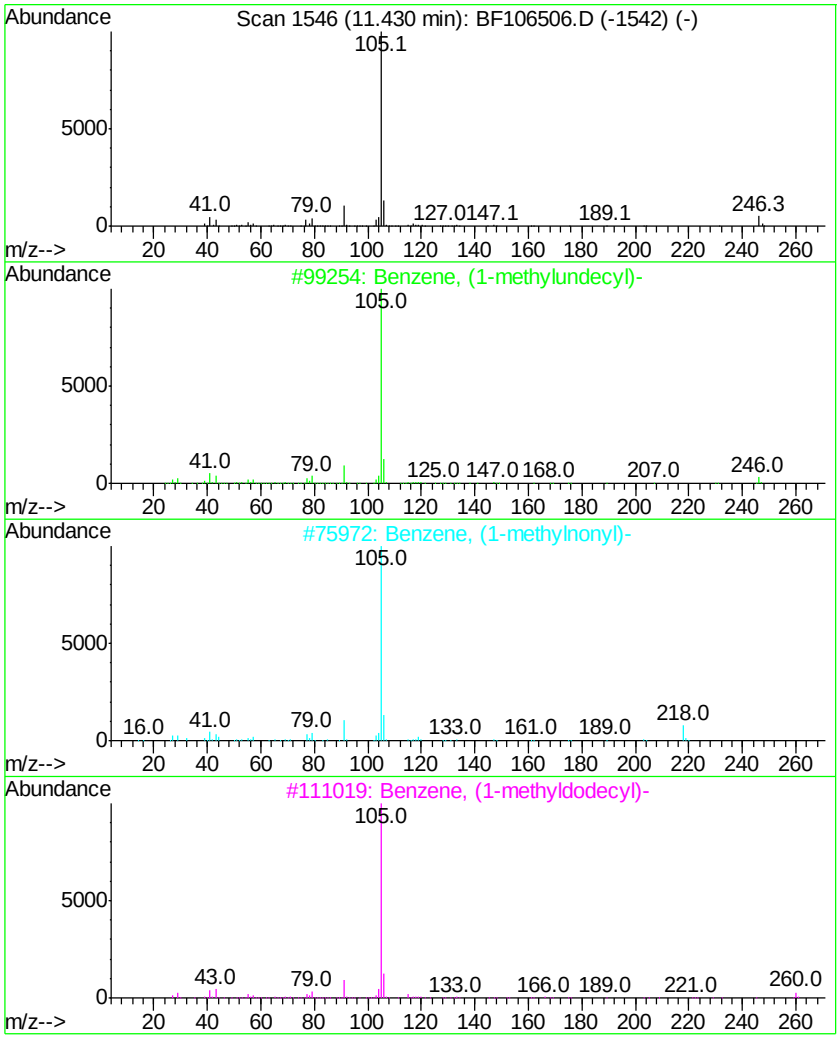
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

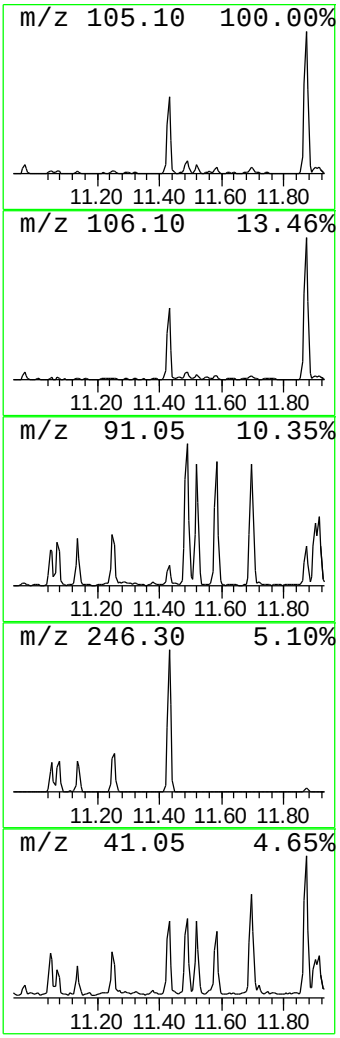
****

Peak Number 1 Benzene, (1-methylundecyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	11.09 ng	931667	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	94
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	72
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
5	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106506.D
Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

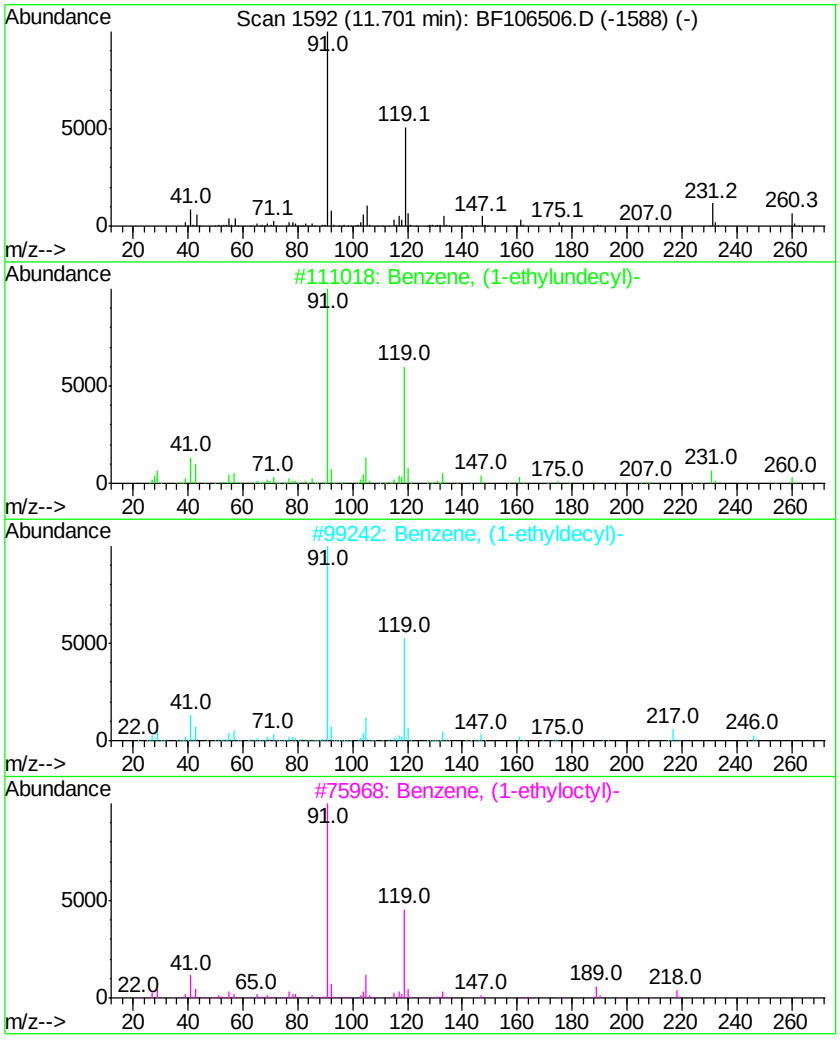
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

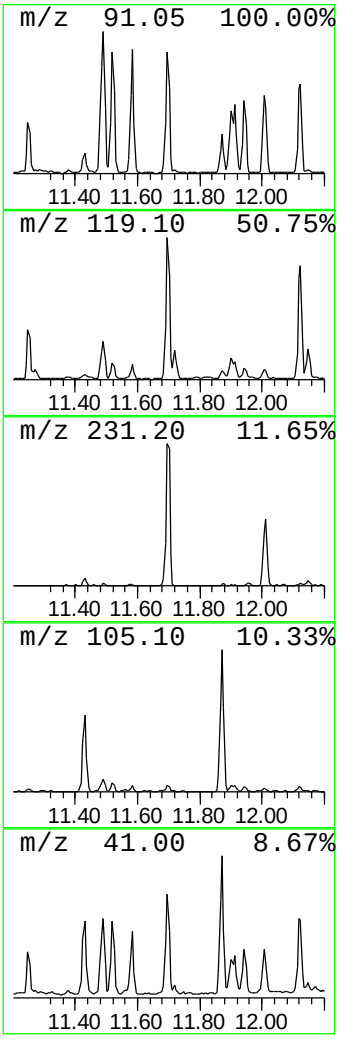
****

Peak Number 2 Benzene, (1-ethylundecyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	11.65 ng	978288	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	95
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	80
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	80
4	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	72
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	50





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Misc :
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Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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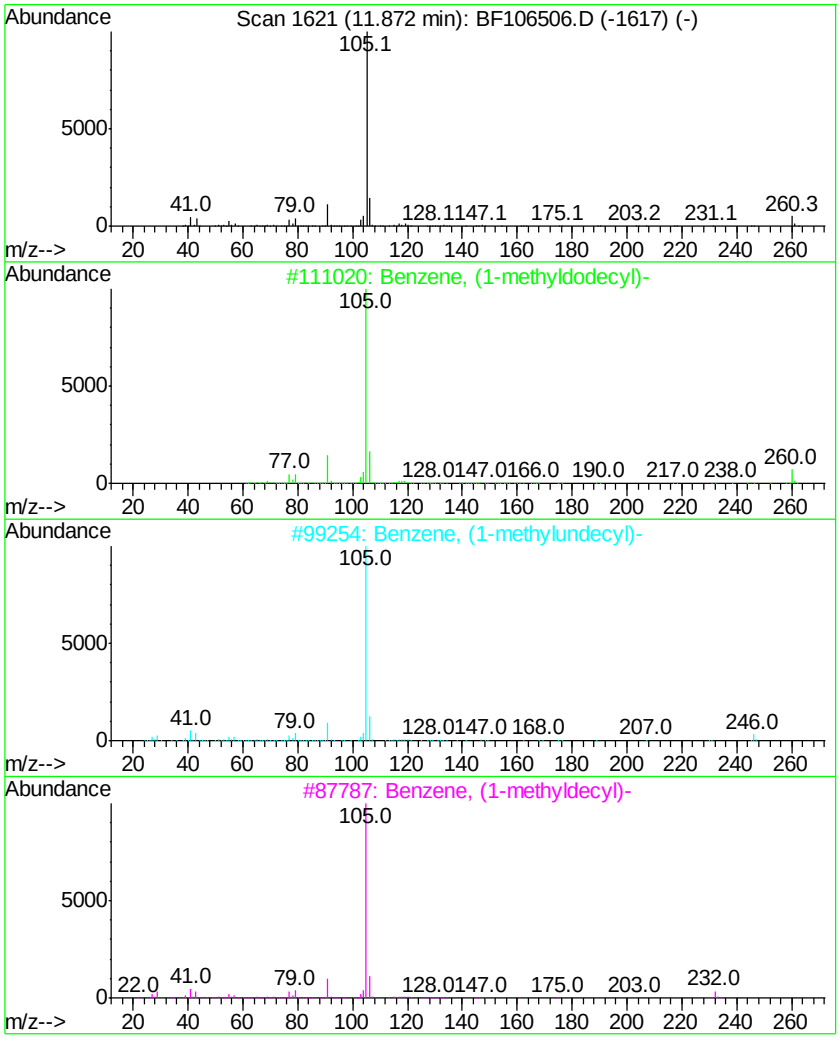
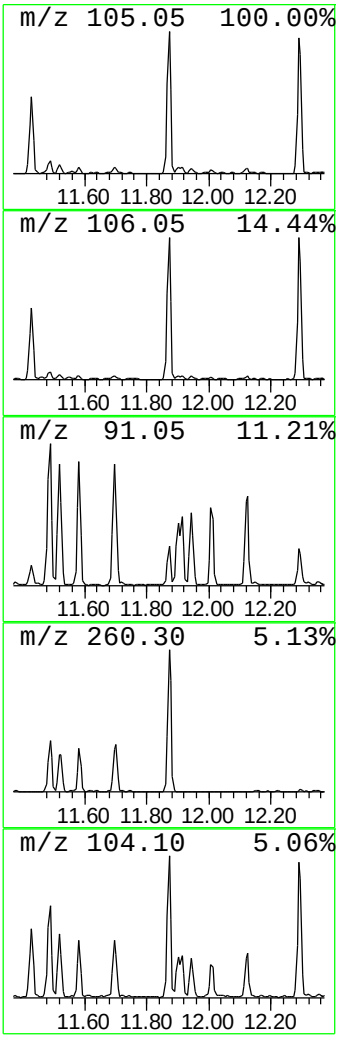
Peak Number 3 Benzene, (1-methyldodecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	21.82 ng	1832370	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	95
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
4	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	72
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53





Library Search Compound Report

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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

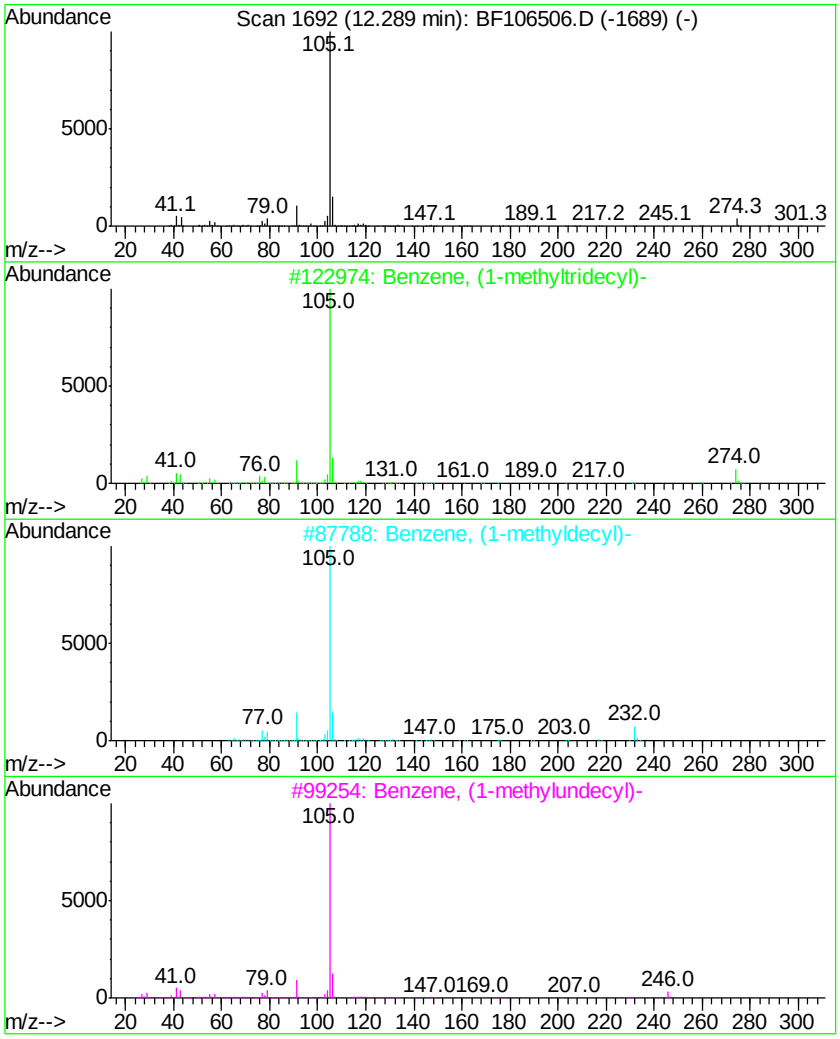
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

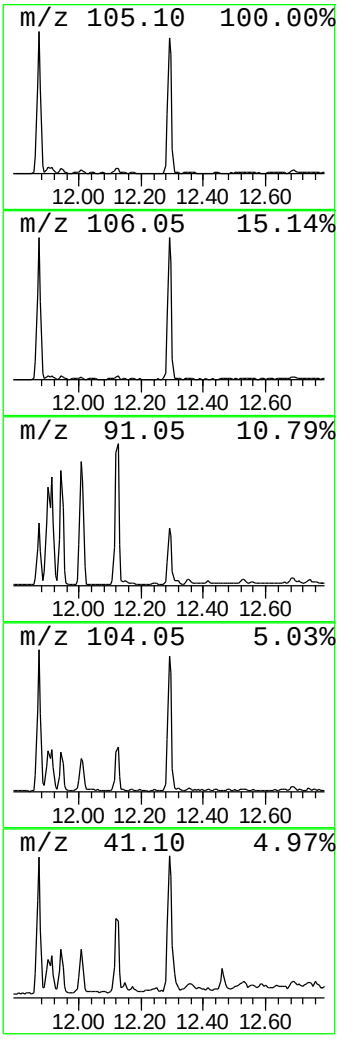
****

Peak Number 5 Benzene, (1-methyltridecyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	25.86 ng	2171880	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	87
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	81
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	50





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Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

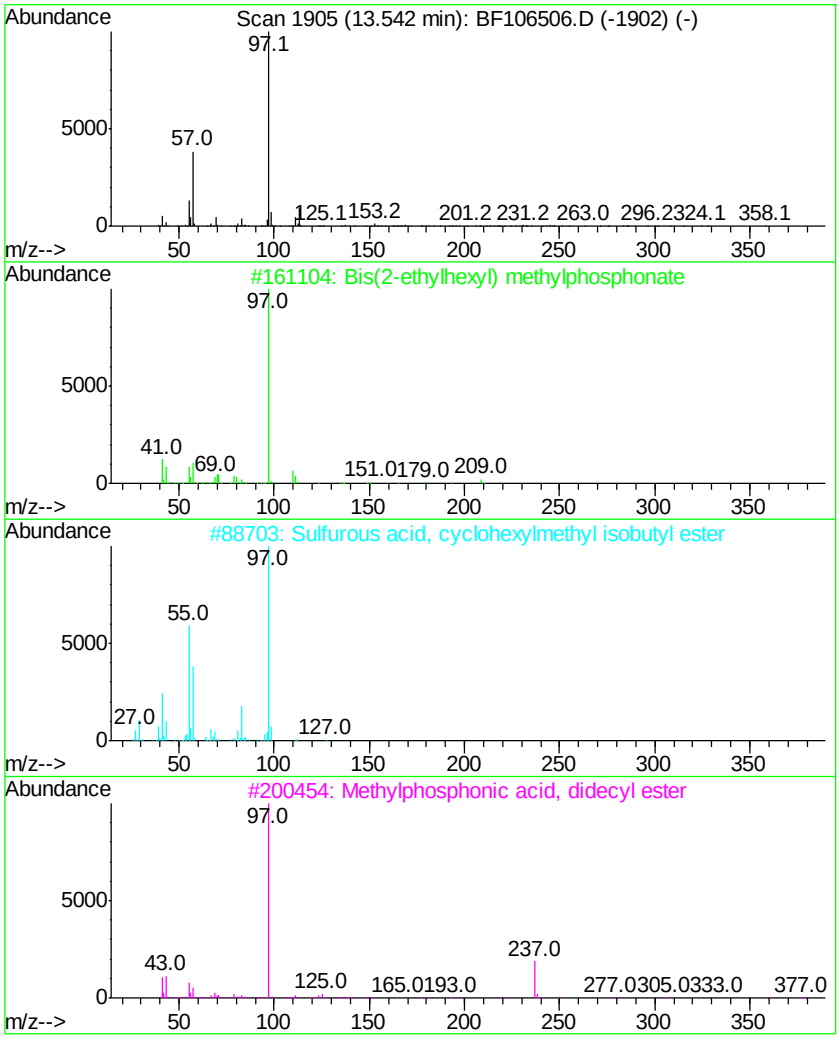
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

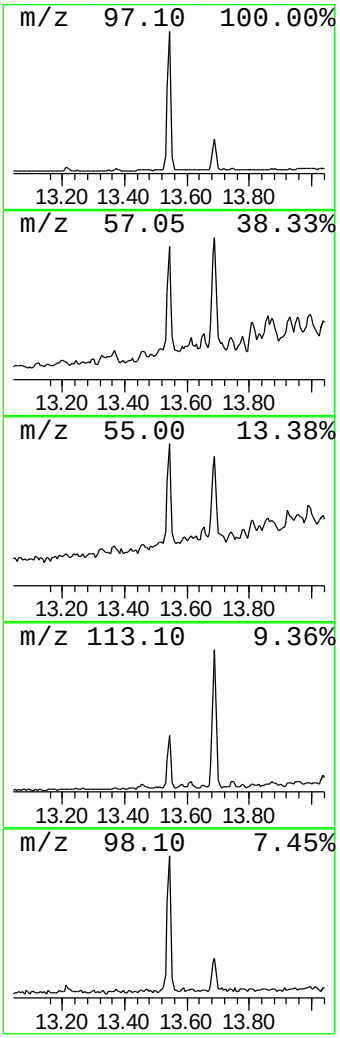
****

Peak Number 6 Bis(2-ethylhexyl) methylpho... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	9.96 ng	418709	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) methylphosphonate	320	C17H37O3P	1000298-35-3	64
2	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	38
3	Methylphosphonic acid, didecyl e...	376	C21H45O3P	059651-63-7	36
4	Dichloromethyl-chloro-methyl-pen...	328	C8H4Cl3F5Si	077681-06-2	36
5	Bis(3,7-dimethyloctyl) methylpho...	376	C21H45O3P	1000298-35-2	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106506.D
Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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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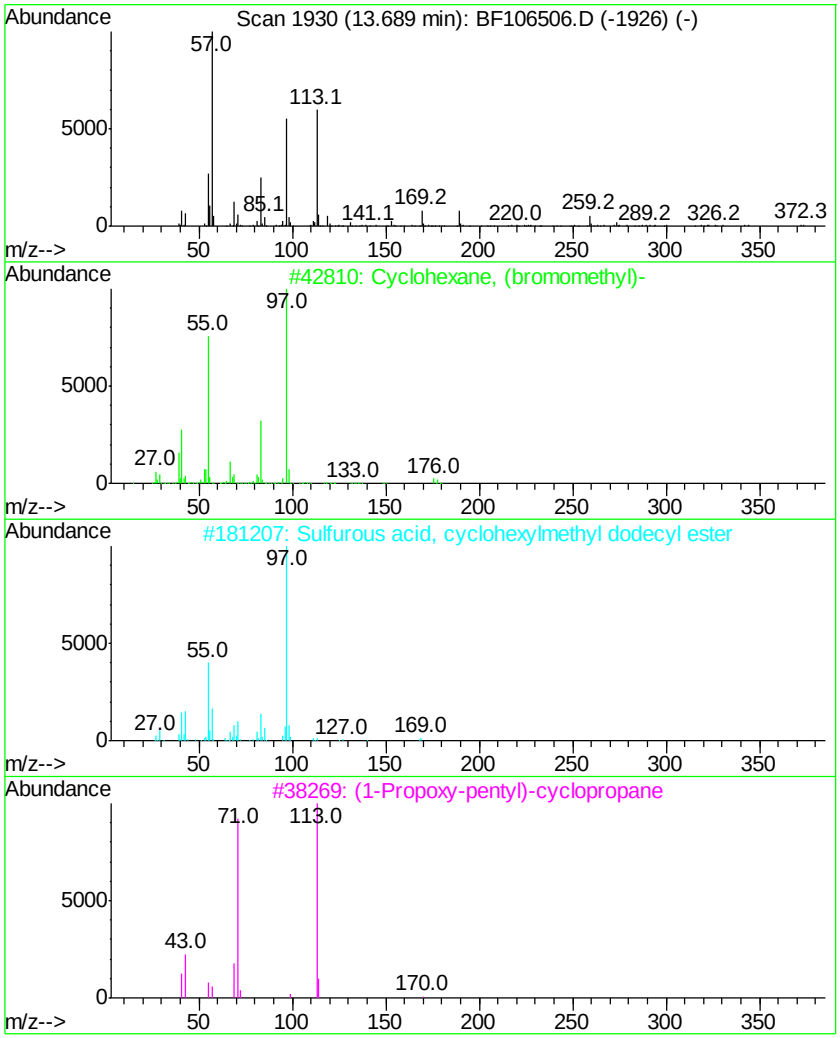
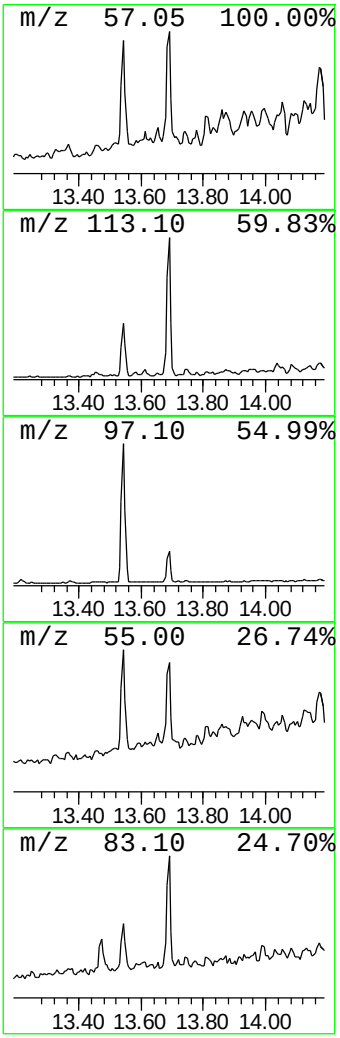
Peak Number 7 unknown13.69 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	11.58 ng	486904	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	27
2	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	22
3	(1-Propoxy-pentyl)-cyclopropane	170	C11H22O	094883-97-3	22
4	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	22
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	16





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Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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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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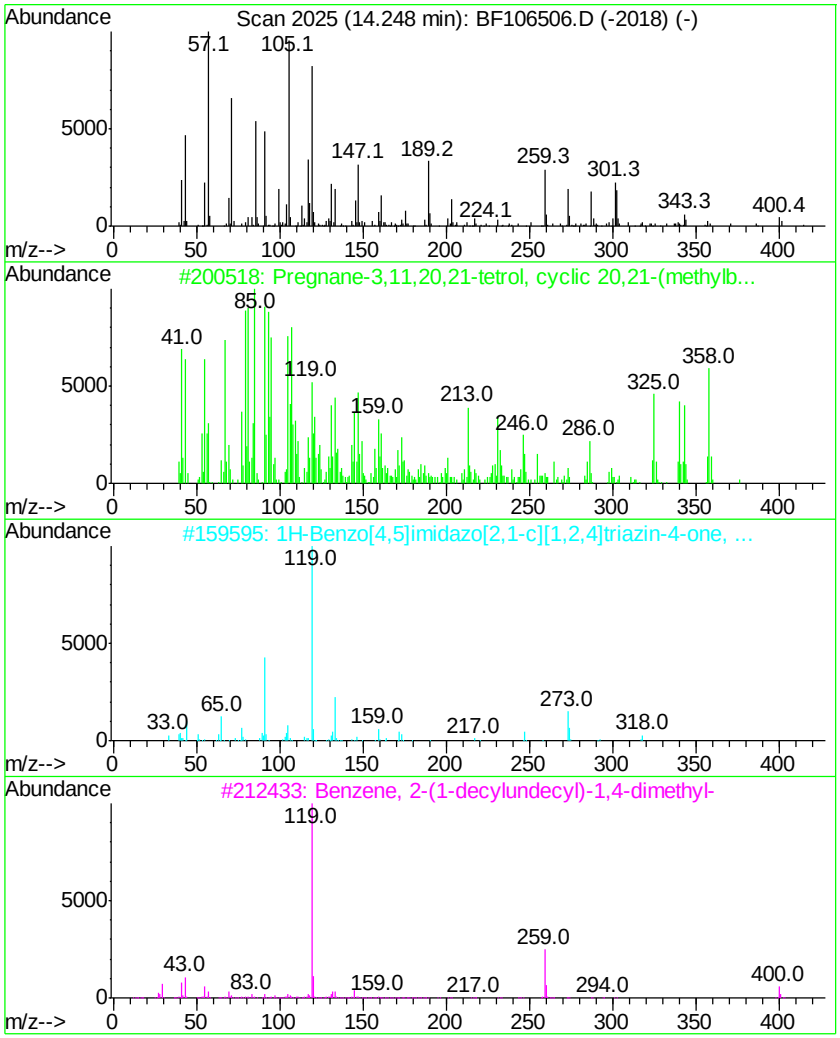
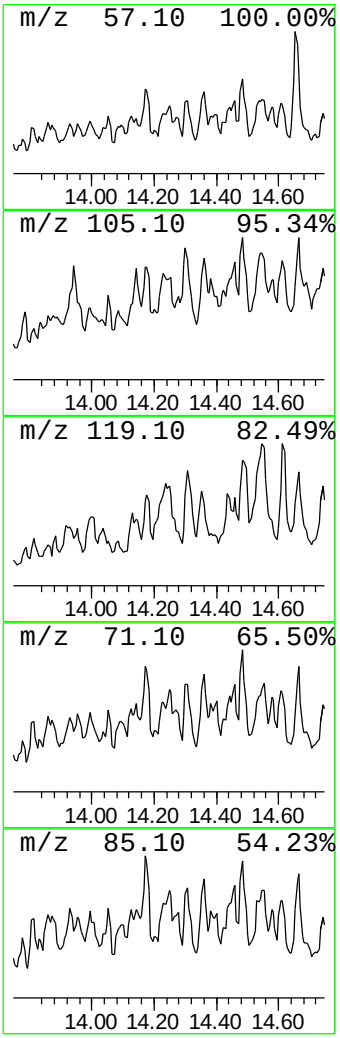
Peak Number 8 unknown14.25 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	14.28 ng	600498	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnane-3,11,20,21-tetrol, cyclic...	376	C22H37BO4	030882-72-5	35
2	1H-Benzo[4,5]imidazo[2,1-c][1,2,...	318	C18H14N4O2	1000310-15-4	30
3	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	25
4	N-(4-Biphenylyl)-p-toluamide	287	C20H17NO	313251-13-7	22
5	2-p-Tolyl-5-[trichloromethyl]-1,...	276	C10H7Cl3N2O	027389-46-4	22





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Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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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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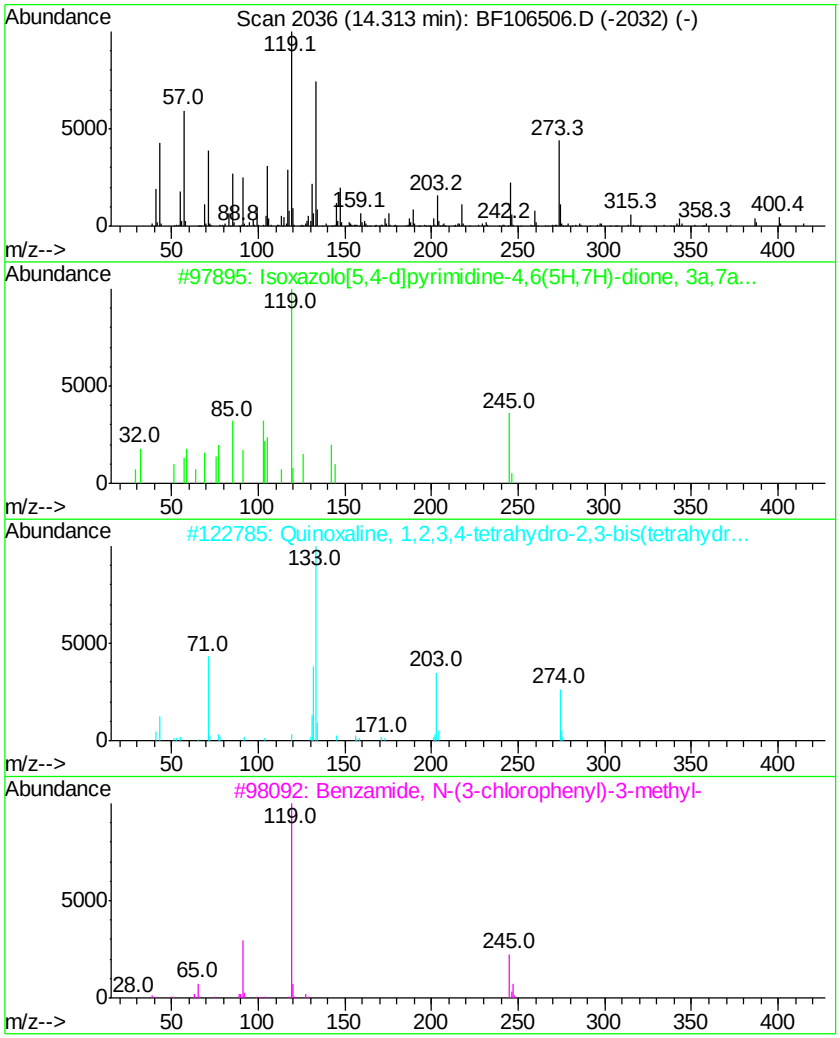
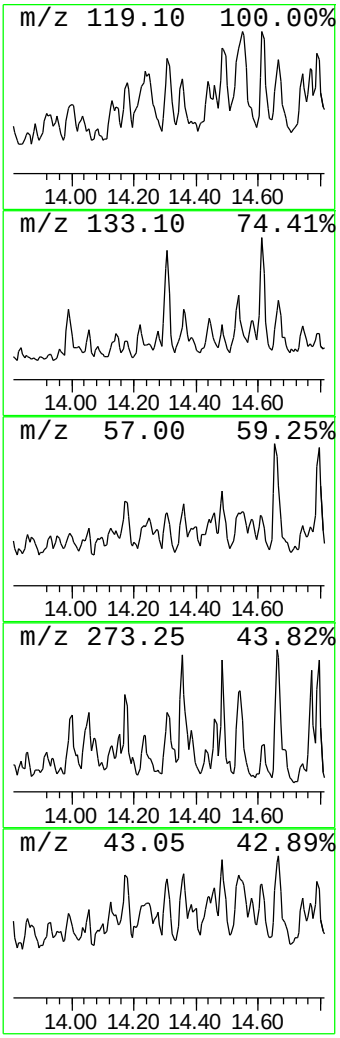
Peak Number 9 unknown14.31 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	15.33 ng	644565	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoxazolo[5,4-d]pyrimidine-4,6(5...	245	C12H11N3O3	035053-73-7	22
2	Quinoxaline, 1,2,3,4-tetrahydro-...	274	C16H22N2O2	018503-40-7	14
3	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	14
4	N-(4-Biphenylyl)-p-toluamide	287	C20H17NO	313251-13-7	11
5	1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	11





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Sample : J3512-01 100X
Misc :
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ClientSampleId : FADW4710L

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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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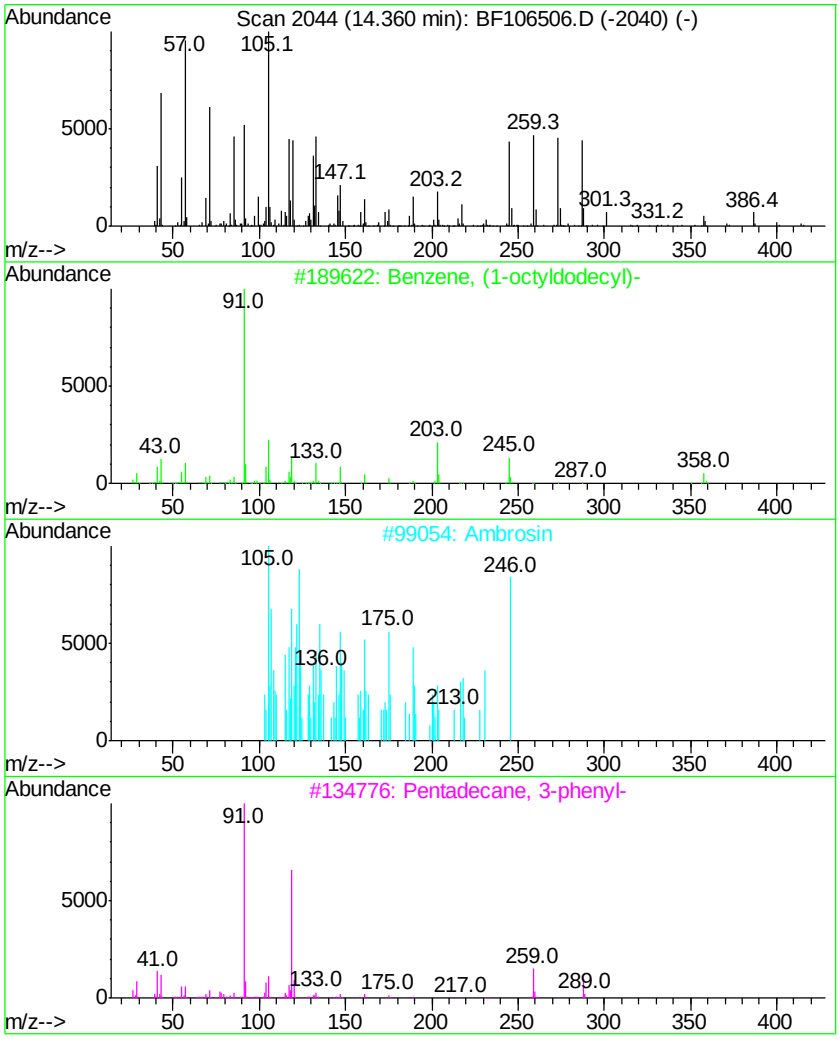
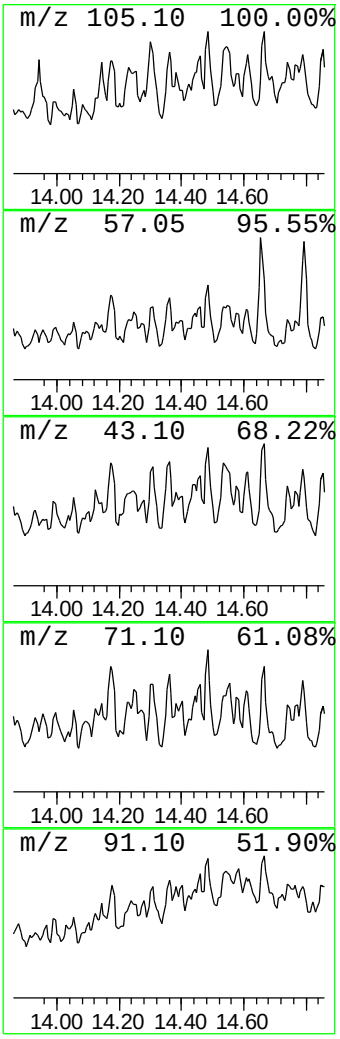
Peak Number 10 unknown14.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	16.64 ng	699699	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-octyldodecyl)-	358	C26H46	002398-65-4	12
2	Ambrosin	246	C15H18O3	000509-93-3	10
3	Pentadecane, 3-phenyl-	288	C21H36	004534-65-0	9
4	Pentadecane, 4-phenyl-	288	C21H36	004534-64-9	9
5	Benzhydrazide, 4-nitro-N2-(5,5-d...	335	C15H17N3O6	1000263-98-3	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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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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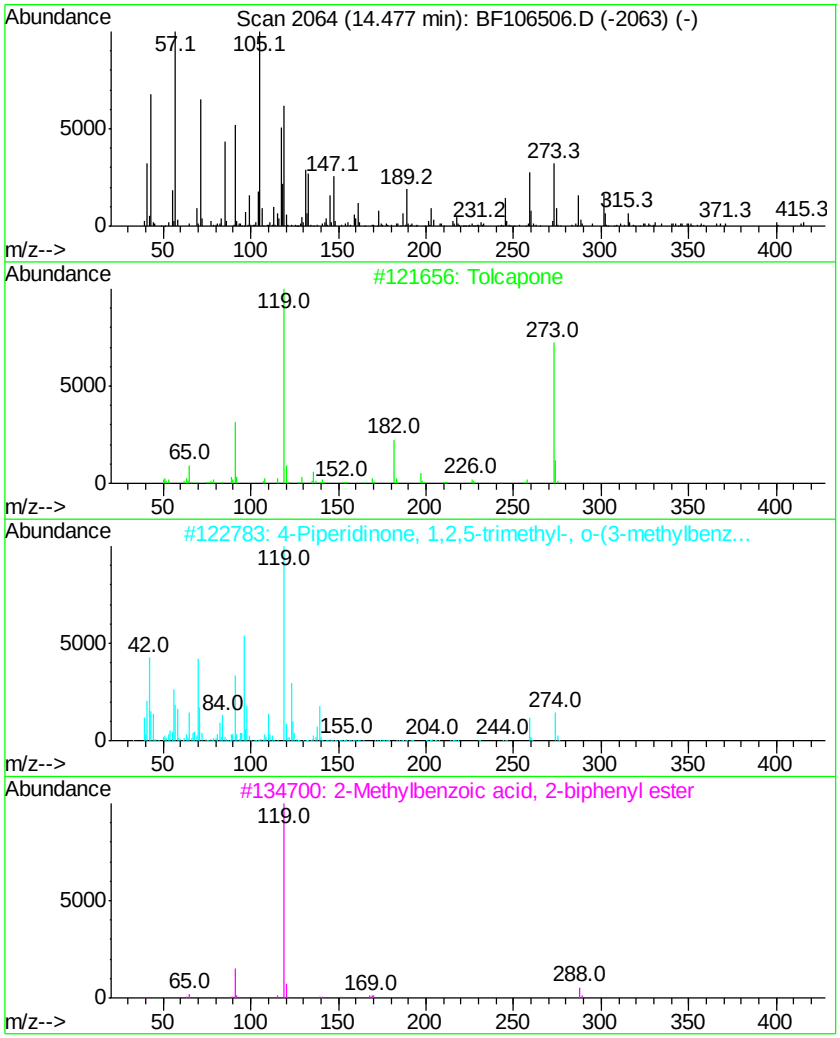
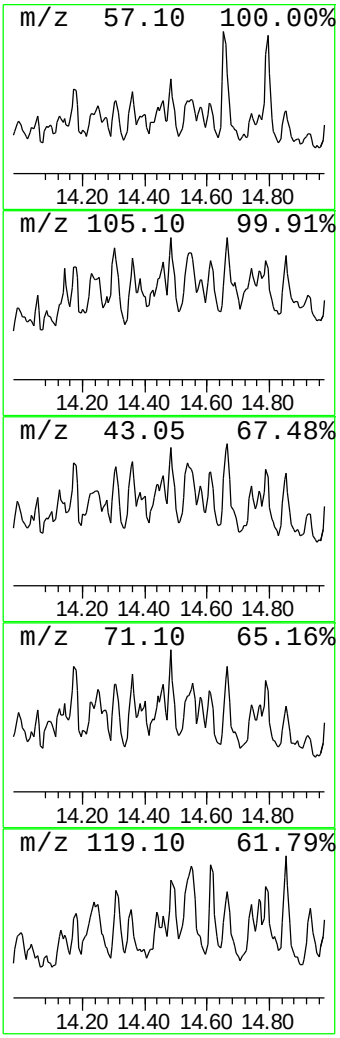
Peak Number 11 unknown14.48 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	15.05 ng	632813	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	38
2	4-Piperidinone, 1,2,5-trimethyl-...	274	C16H22N2O2	1000259-27-1	14
3	2-Methylbenzoic acid, 2-biphenyl...	288	C20H16O2	1000331-28-5	11
4	N-Methylpiperidino[2,4-b,c]1,2,3...	273	C18H27NO	1000128-54-7	11
5	2,5-Pyrrolidinedione, 1-[(3-methylb...	233	C12H11NO4	110920-15-5	11





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Sample : J3512-01 100X
Misc :
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Instrument : BNA_F
ClientSampleId : FADW4710L

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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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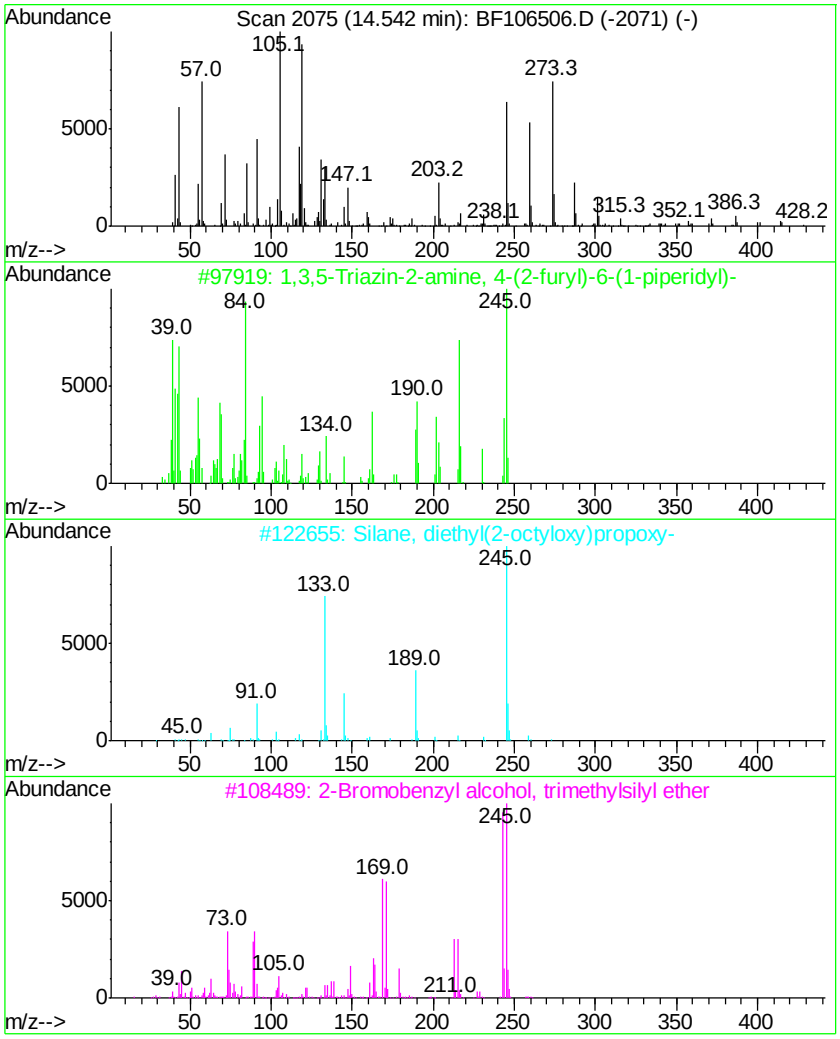
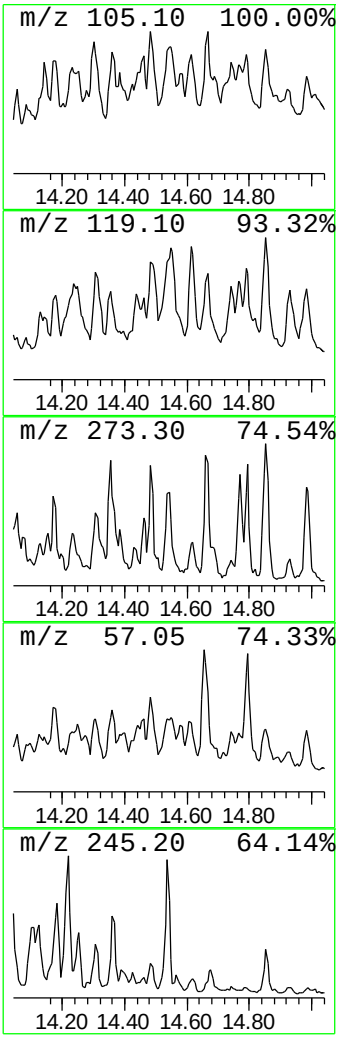
Peak Number 12 unknown14.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	19.20 ng	807446	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazin-2-amine, 4-(2-furv...	245	C12H15N5O	148403-53-6	25
2	Silane, diethyl(2-octyloxy)propoxy-	274	C15H34O2Si	1000363-00-9	22
3	2-Bromobenzyl alcohol, trimethyl...	258	C10H15BrOSi	1000364-25-4	15
4	1H-Indole-3-butanoic acid, 1-met...	245	C14H15NO3	040547-43-1	15
5	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	14





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Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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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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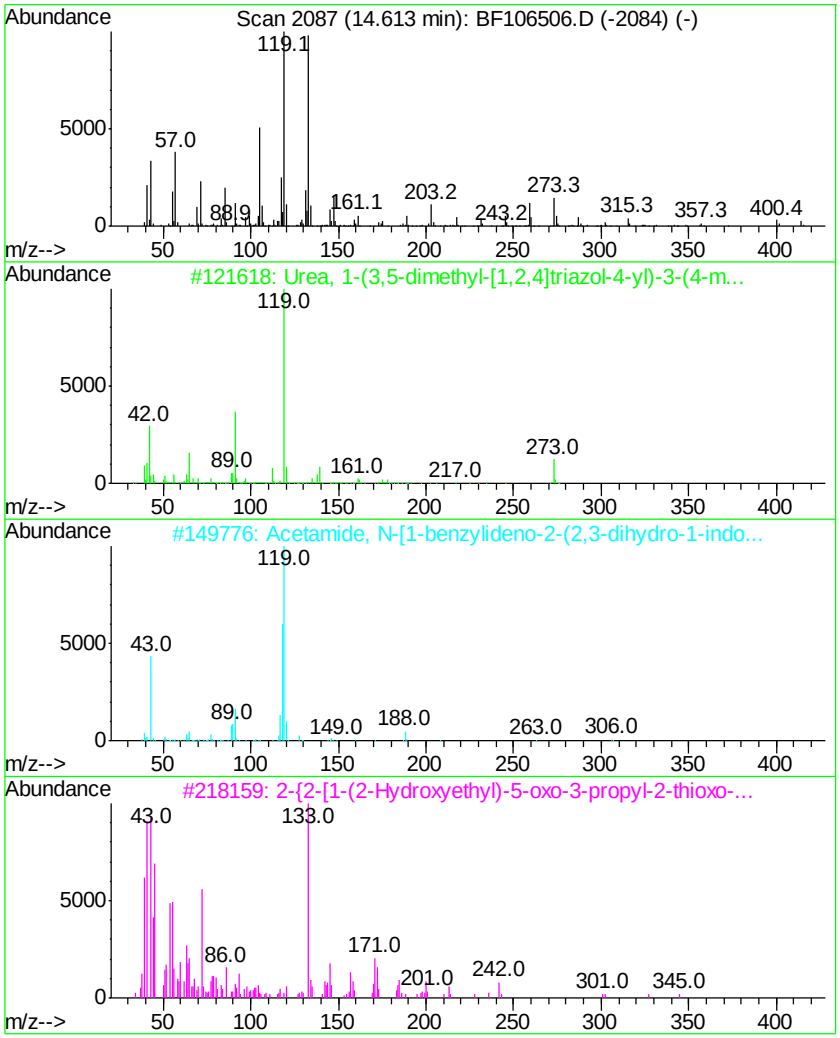
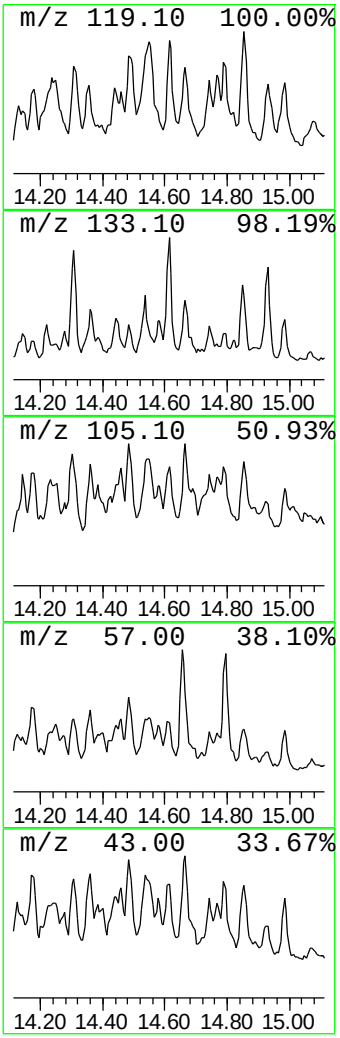
Peak Number 13 unknown14.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	15.40 ng	647629	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-84-7	27
2	Acetamide, N-[1-benzylideno-2-(2...	306	C19H18N2O2	314281-76-0	27
3	2-{2-[1-(2-Hydroxyethyl)-5-oxo-3...	417	C20H23N3O5S	1000224-26-4	25
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25
5	1,2-Benzenediol, O-(4-methylbenz...	400	C22H15F3O4	1000329-76-1	25





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Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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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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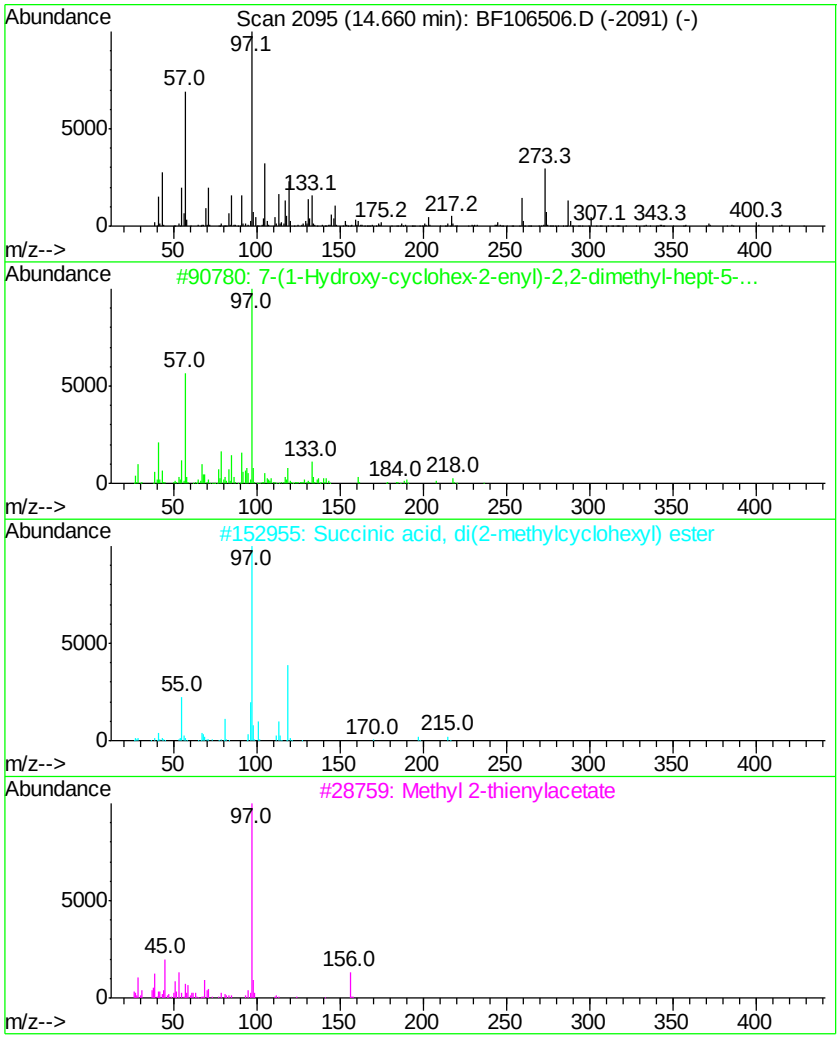
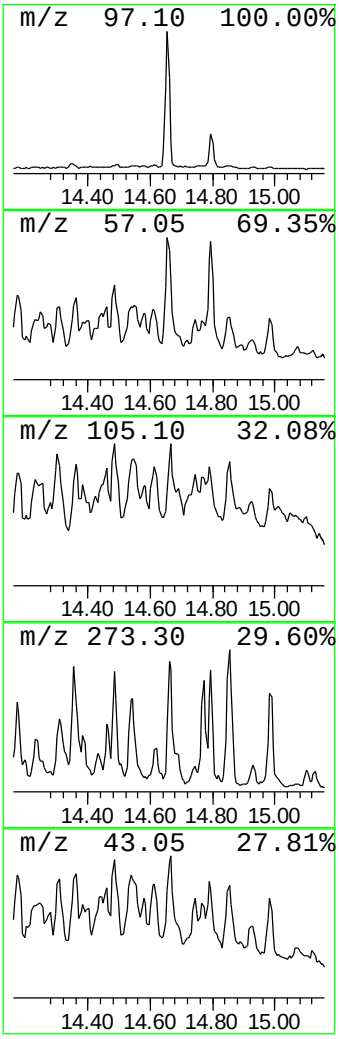
Peak Number 14 unknown14.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	32.36 ng	1360840	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-(1-Hydroxy-cyclohex-2-enyl)-2,...	236	C15H24O2	083040-94-2	38
2	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	37
3	Methyl 2-thienylacetate	156	C7H8O2S	019432-68-9	35
4	Metamphetamine, N-acetyl-N-(2-cy...	230	C14H18N2O	1000308-74-2	25
5	Thenyldiamine	261	C14H19N3S	000091-79-2	25





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Sample : J3512-01 100X
Misc :
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Instrument : BNA_F
ClientSampleId : FADW4710L

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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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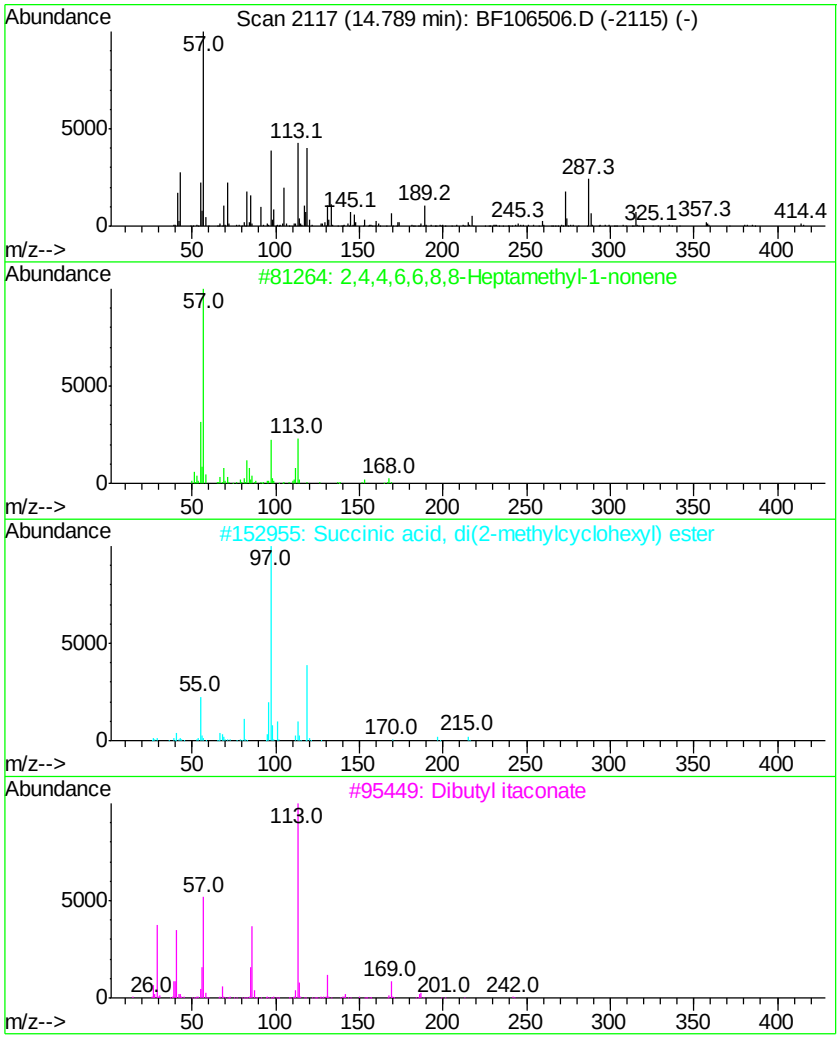
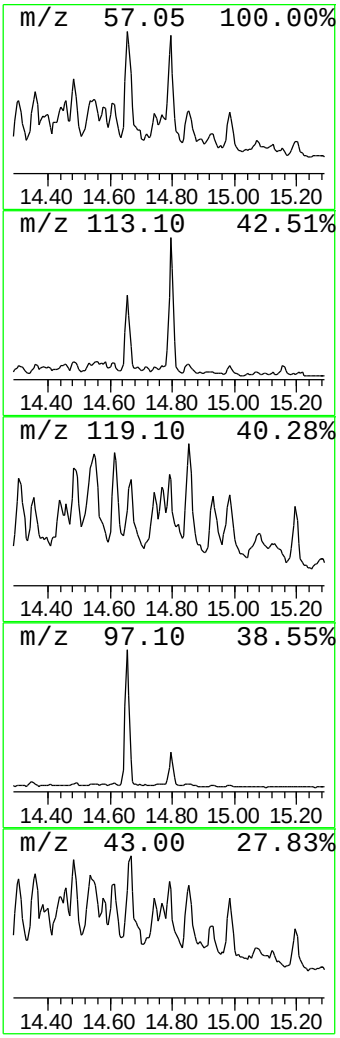
Peak Number 15 unknown14.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	19.47 ng	818708	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
2	Succinic acid, di(2-methylcycloh...	310	C18H30O4	1000329-83-0	27
3	Dibutyl itaconate	242	C13H22O4	002155-60-4	18
4	2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	12
5	2,4,4,6-Tetramethyl-6-phenyl-2-h...	230	C17H26	1000293-27-8	12





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Sample : J3512-01 100X
Misc :
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Instrument : BNA_F
ClientSampleId : FADW4710L

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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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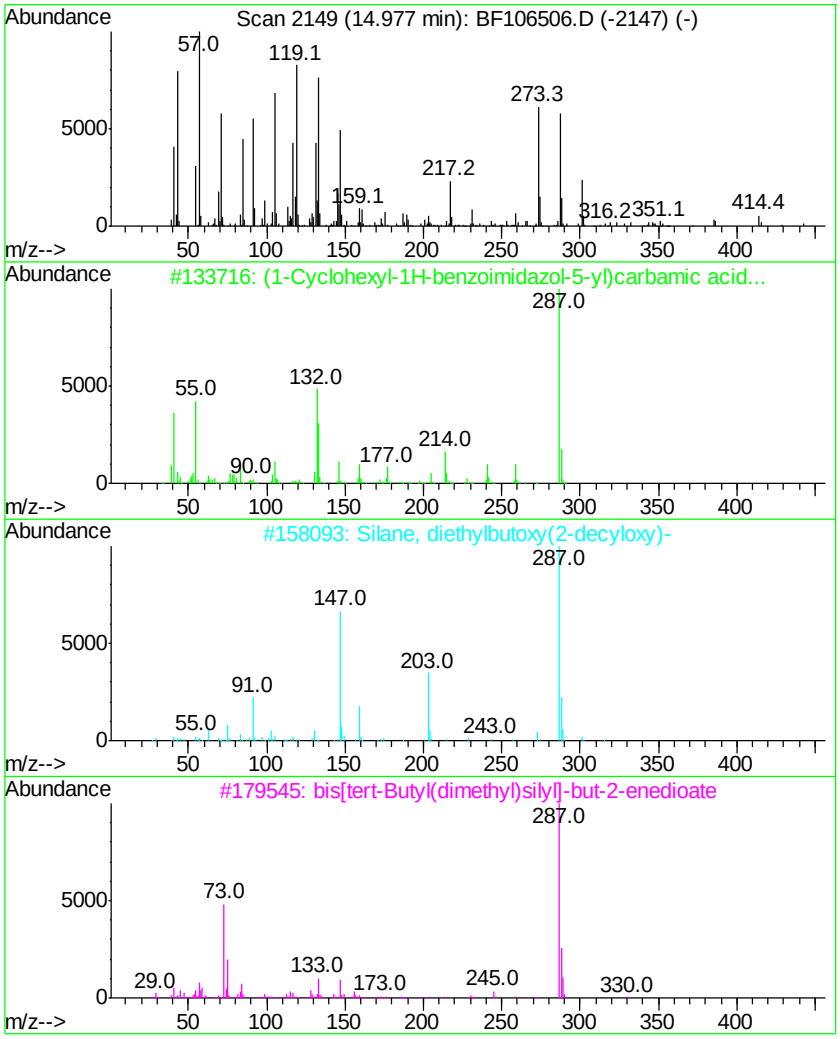
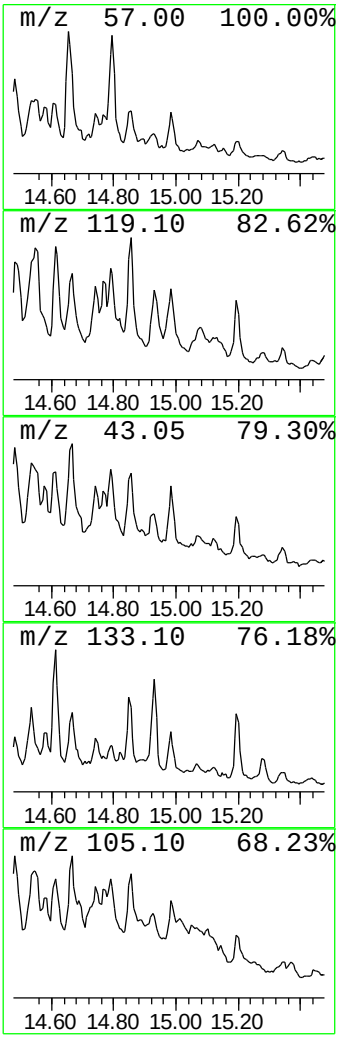
Peak Number 17 unknown14.98 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	23.22 ng	683755	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclohexyl-1H-benzoimidazol-5...	287	C16H21N3O2	1000310-00-5	25
2	Silane, diethylbutoxy(2-decyloxy)-	316	C18H40O2Si	1000363-44-4	14
3	bis[tert-Butyl(dimethyl)silyl]-b...	344	C16H32O4Si2	1000332-85-4	12
4	Pyrazolo[1,5-a]pyrimidine, 6,7-d...	273	C18H15N3	186956-30-9	11
5	3Ah-pyrrolo[3,4-d]isoxazole-3-ca...	274	C13H10N2O5	1000317-17-8	11





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Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

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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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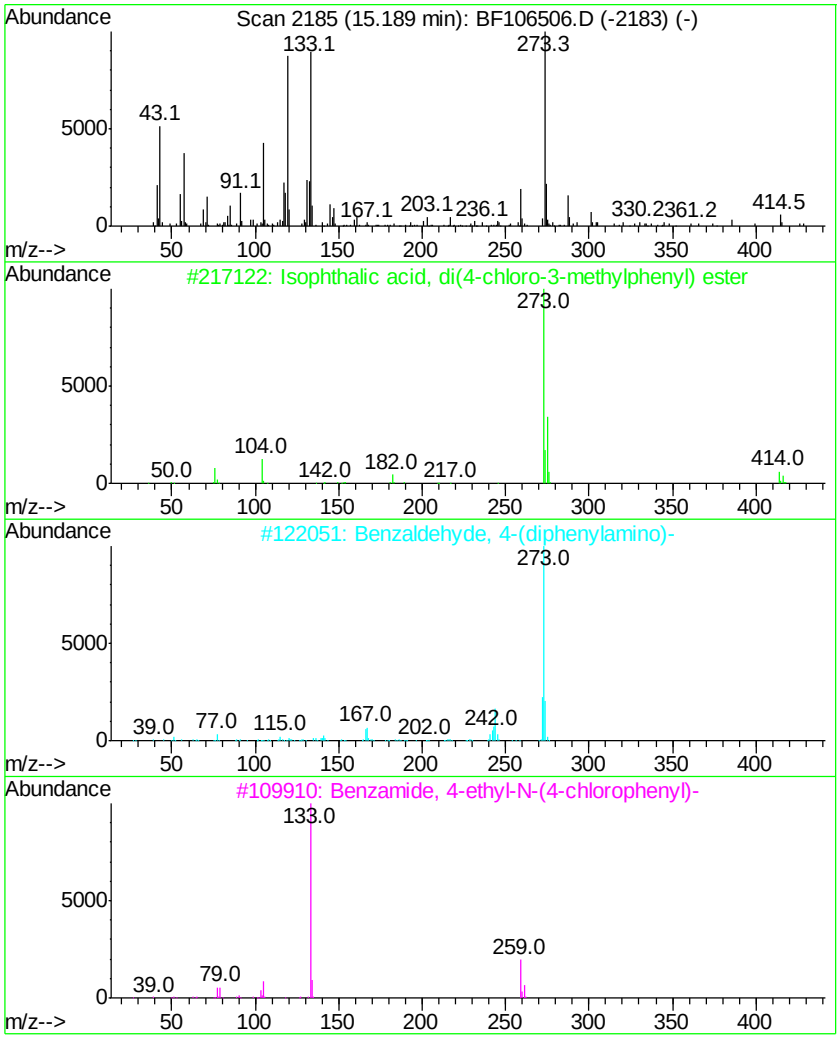
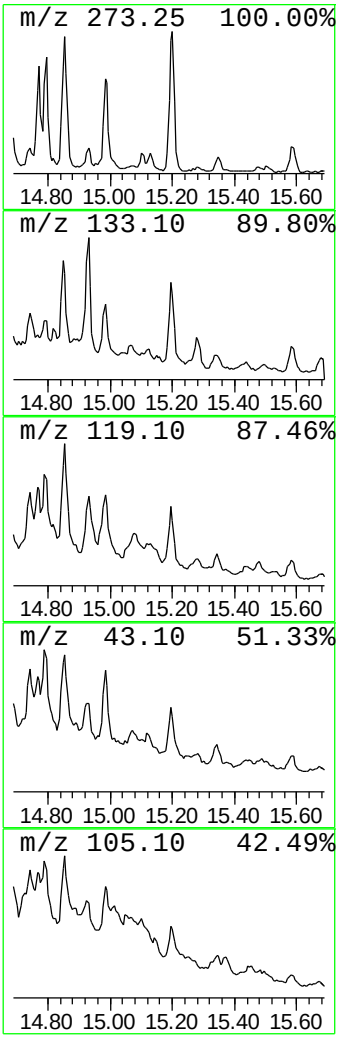
Peak Number 18 unknown15.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	16.22 ng	477704	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophthalic acid, di(4-chloro-3-...	414	C22H16Cl2O4	1000344-59-8	18
2	Benzaldehyde, 4-(diphenylamino)-	273	C19H15NO	004181-05-9	18
3	Benzamide, 4-ethyl-N-(4-chloroph...	259	C15H14ClNO	1000340-35-1	14
4	N-Methylpiperidino[2,4-b,c]1,2,3...	273	C18H27NO	1000128-54-7	14
5	Pyrazolo[1,5-a]pyrimidine, 6,7-d...	273	C18H15N3	186956-30-9	14





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TIC Library : C:\DATABASE\NIST11.L
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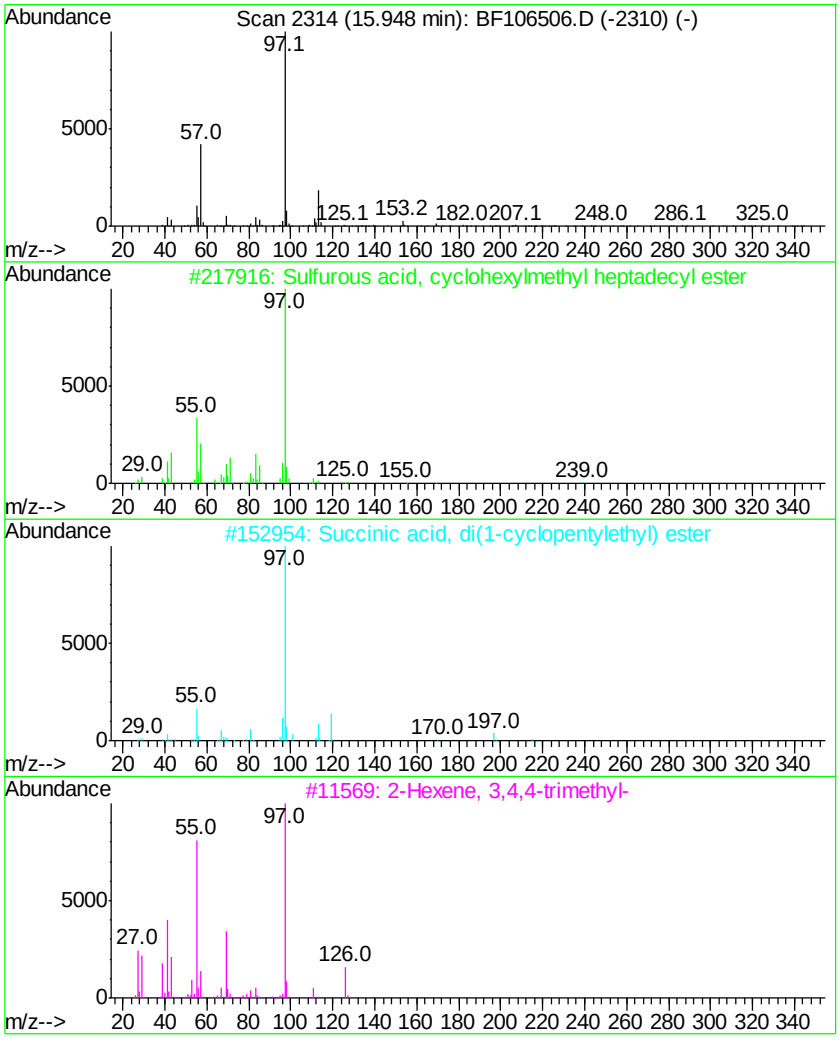
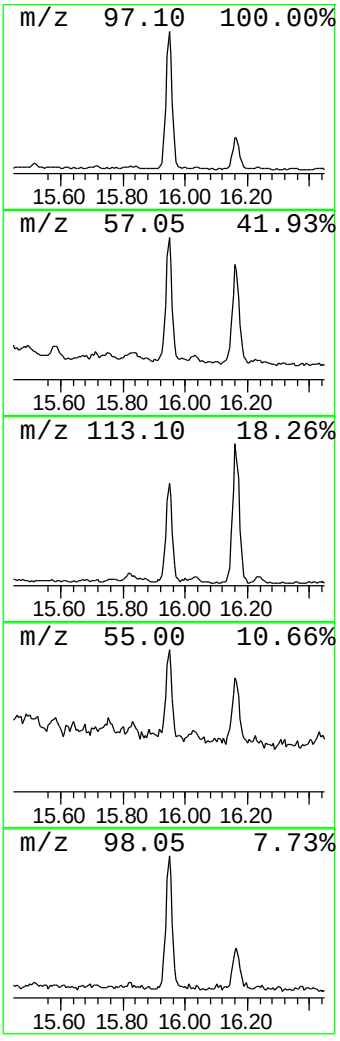
Peak Number 19 Sulfurous acid, cyclohexylm... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	14.28 ng	420601	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	64
2	Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	39
3	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	38
4	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	38
5	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	36





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061518\
Data File : BF106506.D
Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

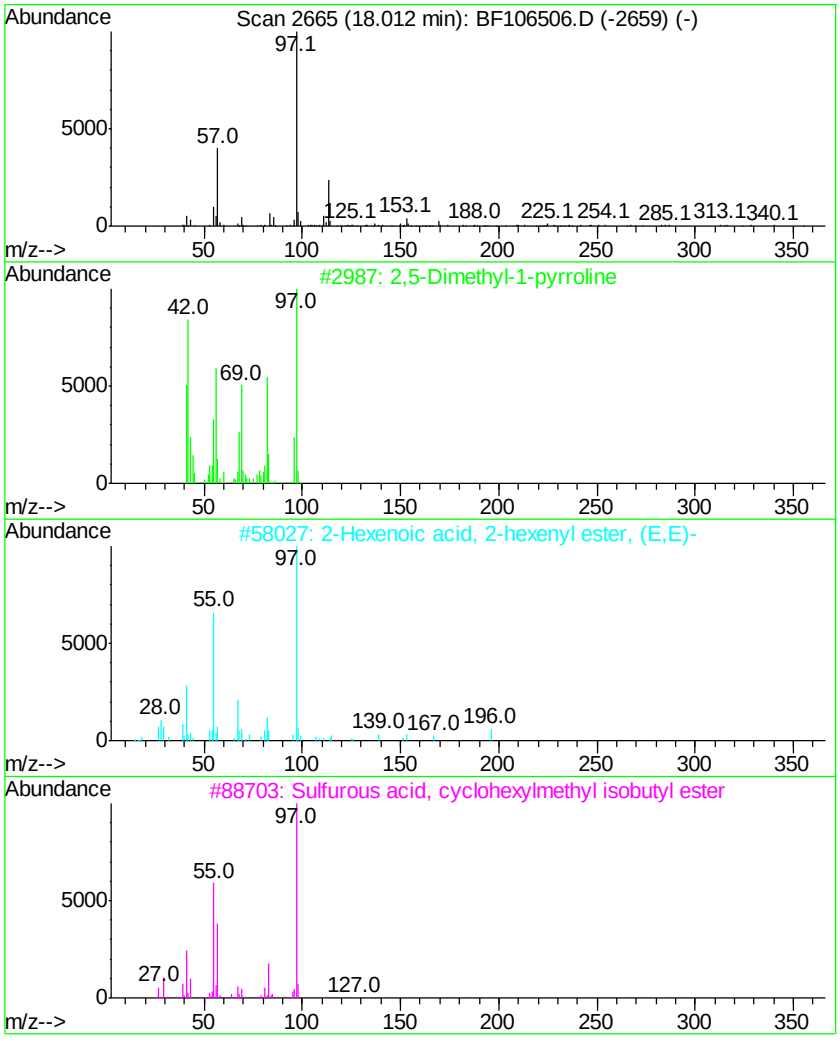
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

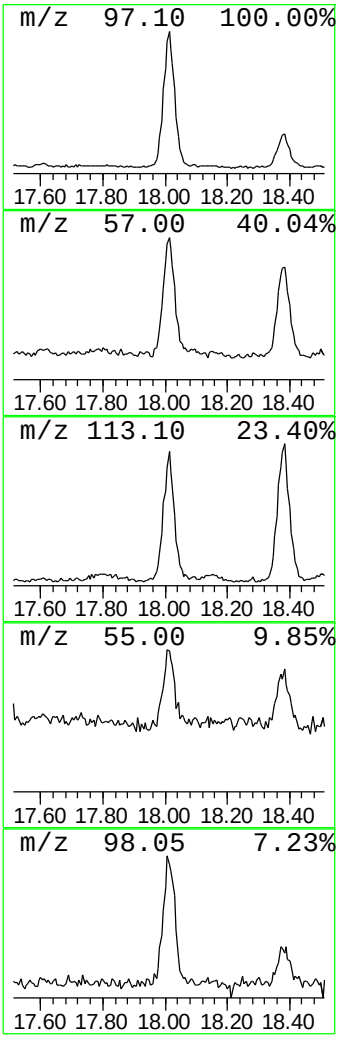
****

Peak Number 20 unknown18.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	9.76 ng	287233	Perylene-d12	15.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	42
2	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	40
3	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	36
4	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	33
5	3-Cyclopent-1-enyl-3-hydroxy-2-m...	170	C9H14O3	1000191-19-7	33





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061518\
Data File : BF106506.D
Acq On : 15 Jun 2018 21:38
Operator : JU/SJ
Sample : J3512-01 100X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FADW4710L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.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...	11.43	11.1	ng	931667	4	11.50	1679790	20.0
Benzene, (1-ethyl...	11.70	11.7	ng	978288	4	11.50	1679790	20.0
Benzene, (1-methy...	11.87	21.8	ng	1832370	4	11.50	1679790	20.0
Benzene, (1-methy...	12.29	25.9	ng	2171880	4	11.50	1679790	20.0
Bis(2-ethylhexyl)...	13.54	10.0	ng	418709	5	14.15	840952	20.0
unknown13.69	13.69	11.6	ng	486904	5	14.15	840952	20.0
unknown14.25	14.25	14.3	ng	600498	5	14.15	840952	20.0
unknown14.31	14.31	15.3	ng	644565	5	14.15	840952	20.0
unknown14.36	14.36	16.6	ng	699699	5	14.15	840952	20.0
unknown14.48	14.48	15.1	ng	632813	5	14.15	840952	20.0
unknown14.54	14.54	19.2	ng	807446	5	14.15	840952	20.0
unknown14.61	14.61	15.4	ng	647629	5	14.15	840952	20.0
unknown14.66	14.66	32.4	ng	1360840	5	14.15	840952	20.0
unknown14.79	14.79	19.5	ng	818708	5	14.15	840952	20.0
unknown14.98	14.98	23.2	ng	683755	6	15.69	588885	20.0
unknown15.19	15.19	16.2	ng	477704	6	15.69	588885	20.0
Sulfurous acid, c...	15.95	14.3	ng	420601	6	15.69	588885	20.0
unknown18.01	18.01	9.8	ng	287233	6	15.69	588885	20.0