LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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	5.022	496	499	509	rBV	51425	86728	5.44%	0.341%
2	5.428	565	568	594	rBV	1063500	1424915	89.33%	5.600%
3	6.445	738	741	760	rBV	1138283	1500250	94.06%	5.896%
4	6.581	760	764	781	rVB	1502055	1462474	91.69%	5.747%
5	6.804	799	802	811	rBV	936722	895284	56.13%	3.518%
6	6.963	825	829	847	rVB	1150529	1145074	71.79%	4.500%
7	7.375	895	899	917	rBV	795103	918054	57.56%	3.608%
8	8.092	1017	1021	1038	rBV	1075635	1208168	75.74%	4.748%
9	8.651	1113	1116	1125	rBV	44032	55316	3.47%	0.217%
10	9.028	1175	1180	1187	rVB3	17378	20801	1.30%	0.082%
11	9.163	1199	1203	1212	rBV	1750049	1595058	100.00%	6.268%
12	9.563	1268	1271	1279	rVB	117257	116684	7.32%	0.459%
13	9.845	1315	1319	1332	rVB	1379866	1280075	80.25%	5.030%
14	10.239	1382	1386	1388	rBV3	14093	16666	1.04%	0.065%
15	10.557	1437	1440	1445	rBV	182262	157196	9.86%	0.618%
16	10.639	1450	1454	1468	rBV	774776	852498	53.45%	3.350%
17	10.745	1468	1472	1474	rBV3	19963	23596	1.48%	0.093%
18	10.804	1479	1482	1485	rBV	25431	21071	1.32%	0.083%
19	10.886	1493	1496	1498	rBV2	68702	59035	3.70%	0.232%
20	10.910	1498	1500	1503	rVB	72461	54848	3.44%	0.216%
21	10.975	1508	1511	1514	rVB	84715	65787	4.12%	0.259%
22	11.086	1523	1530	1533	rBV	136256	131358	8.24%	0.516%
23	11.263	1557	1560	1567	rVB	434531	380635	23.86%	1.496%
24	11.339	1567	1573	1575	rBV	1303937	1368315	85.78%	5.377%
25	11.416	1584	1586	1590	rVB	152664	133770	8.39%	0.526%
26	11.533	1602	1606	1608	rBV	202416	186155	11.67%	0.732%
27	11.551	1608	1609	1612	rVB	25235	18465	1.16%	0.073%
28	11.580	1612	1614	1617	rBV3	14274	17205	1.08%	0.068%
29	11.704	1632	1635	1638	rBV	724370	589665	36.97%	2.317%
30	11.733	1638	1640	1641	rVV	240629	189604	11.89%	0.745%
31	11.751	1641	1643	1645	rVV	233379	196091	12.29%	0.771%
32	11.780	1645	1648	1652	rVB	282692	240030	15.05%	0.943%
33	11.845	1652	1659	1662	rBV	329099	312227	19.57%	1.227%
34	11.874	1662	1664	1669	rVB4	27239	36276	2.27%	0.143%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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	11.957	1674	1678	1681	rBV	532112	462653	29.01%	1.818%
36	11.980	1681	1682	1685	rVB	52552	33406	2.09%	0.131%
37	12.080	1693	1699	1703	rBV6	38230	50517	3.17%	0.199%
38	12.122	1703	1706	1710	rBV	1187647	1145745	71.83%	4.503%
39	12.186	1714	1717	1722	rVB4	72369	86016	5.39%	0.338%
40	12.316	1736	1739	1740	rBV2	39246	40654	2.55%	0.160%
41	12.339	1740	1743	1745	rVV2	57627	62687	3.93%	0.246%
42	12.363	1745	1747	1750	rVB4	24817	27051	1.70%	0.106%
43	12.427	1756	1758	1761	rVB4	35167	30471	1.91%	0.120%
44	12.522	1771	1774	1777	rBV3	93771	128360	8.05%	0.504%
45	12.557	1777	1780	1785	rVV	213157	251284	15.75%	0.987%
46	12.598	1785	1787	1790	rVB2	60637	55530	3.48%	0.218%
47	12.633	1790	1793	1795	rBV4	26609	39091	2.45%	0.154%
48	12.669	1796	1799	1801	rBV3	51475	54752	3.43%	0.215%
49	12.692	1801	1803	1804	rBV	34188	26709	1.67%	0.105%
50	12.751	1810	1813	1814	rBV2	60867	59399	3.72%	0.233%
51	12.786	1814	1819	1823	rVB2	161115	219764	13.78%	0.864%
52	12.863	1830	1832	1834	rBV3	48662	39829	2.50%	0.157%
53	12.916	1837	1841	1846	rVB	1233161	1188392	74.50%	4.670%
54	13.033	1859	1861	1865	rBV3	41726	34911	2.19%	0.137%
55	13.074	1866	1868	1870	rVB3	59902	42338	2.65%	0.166%
56	13.104	1870	1873	1874	rBV2	36538	38513	2.41%	0.151%
57	13.345	1912	1914	1918	rBV4	56628	66911	4.19%	0.263%
58	13.386	1919	1921	1923	rBV3	54988	53142	3.33%	0.209%
59	13.486	1936	1938	1940	rVB3	46881	29909	1.88%	0.118%
60	13.510	1940	1942	1944	rBV3	47660	38300	2.40%	0.151%
61	13.616	1957	1960	1962	rBV3	66274	62807	3.94%	0.247%
62	13.645	1962	1965	1967	rBV2	97049	92560	5.80%	0.364%
63	13.692	1970	1973	1974	rBV2	74159	86109	5.40%	0.338%
64	13.910	2008	2010	2011	rBV2	53890	45061	2.83%	0.177%
65	13.951	2015	2017	2019	rVV3	103321	98399	6.17%	0.387%
66	13.986	2019	2023	2031	rVB	844031	1141563	71.57%	4.486%
67	14.127	2044	2047	2052	rVB3	144041	176655	11.08%	0.694%
68	14.180	2052	2056	2058	rBV2	154068	176221	11.05%	0.693%
69	14.263	2065	2070	2071	rBV5	65921	107213	6.72%	0.421%
70	14.304	2075	2077	2081	rVB4	167162	170957	10.72%	0.672%
71	14.351	2082	2085	2086	rBV	105683	97238	6.10%	0.382%

LSC Area Percent Report

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Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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

72	14.421	2095	2097	2103	rVB2	119127	142305	8.92%	0.559%
73	14.474	2103	2106	2110	rBV	165146	194131	12.17%	0.763%
74	14.551	2116	2119	2121	rBV2	68381	73220	4.59%	0.288%
75	14.574	2121	2123	2125	rVV	43072	35229	2.21%	0.138%
76	14.651	2133	2136	2141	rBV2	132823	152020	9.53%	0.597%
77	14.774	2154	2157	2166	rVB3	131427	188793	11.84%	0.742%
78	14.968	2187	2190	2197	rVV2	82758	104229	6.53%	0.410%
79	15.033	2198	2201	2209	rVB	79365	163542	10.25%	0.643%
80	15.333	2249	2252	2256	rVB2	58371	69438	4.35%	0.273%
81	15.404	2260	2264	2269	rVV	57535	92031	5.77%	0.362%
82	15.457	2269	2273	2286	rVB	638719	911101	57.12%	3.580%

Sum of corrected areas: 25446530

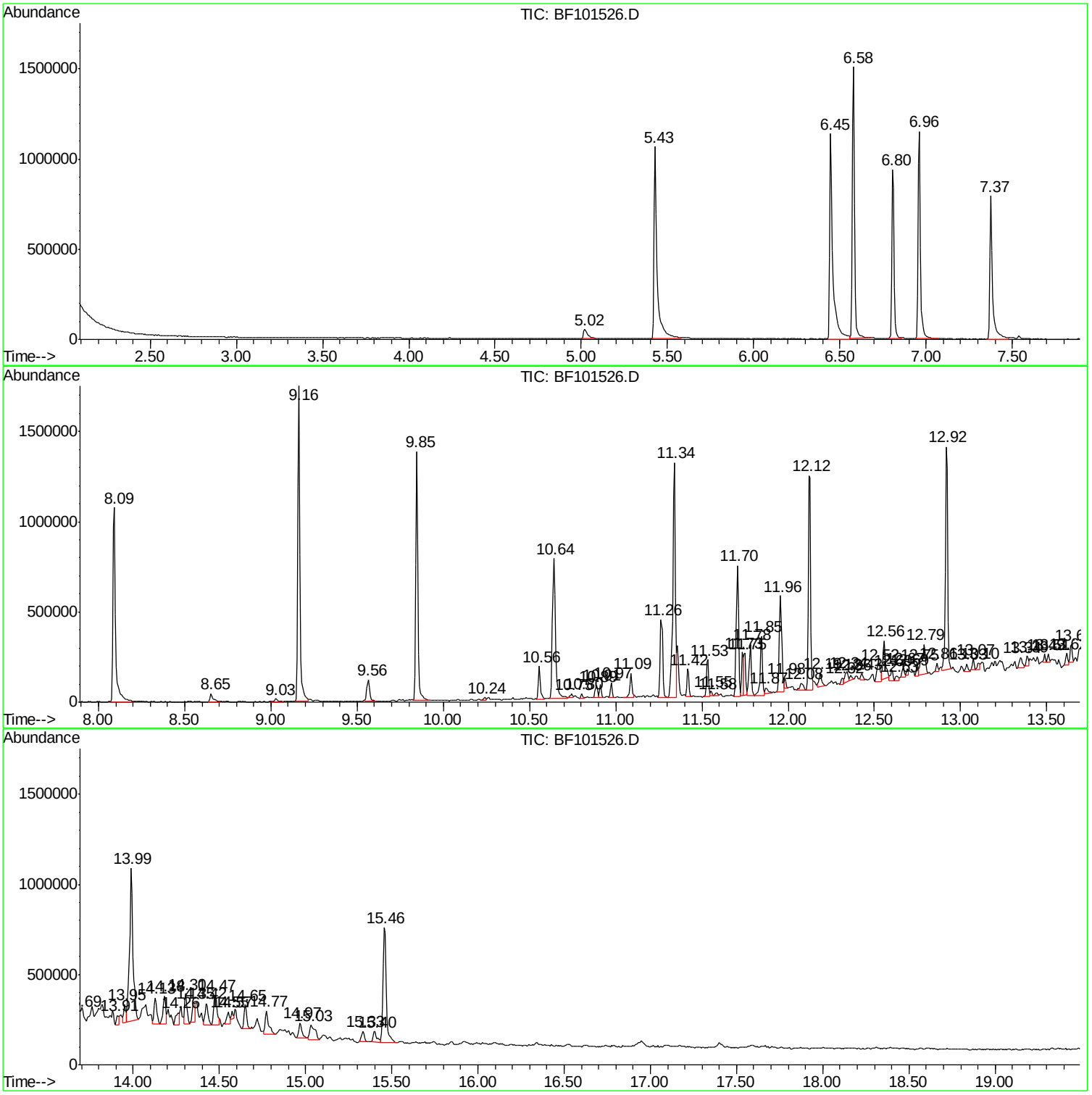
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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

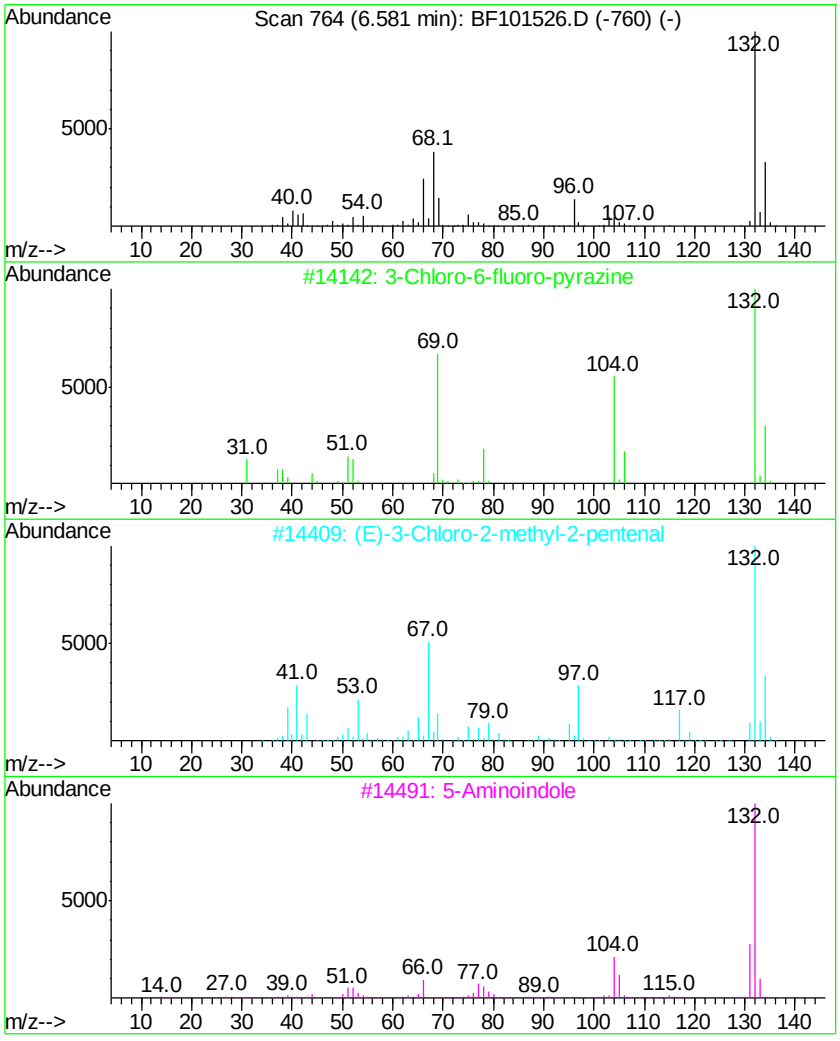
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

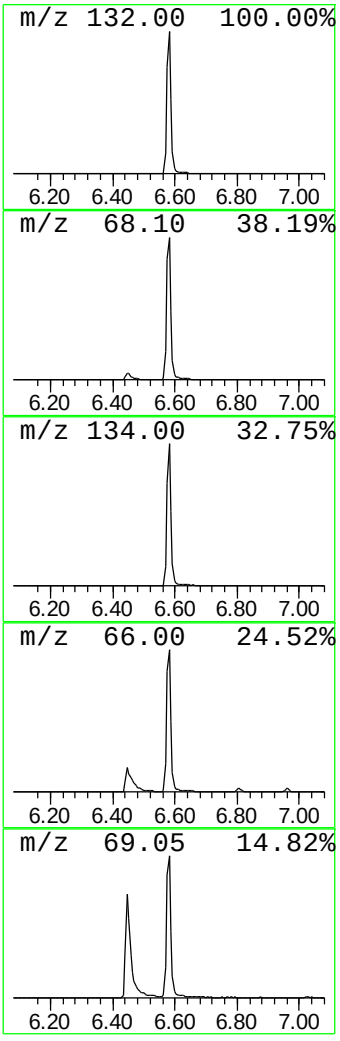
****

Peak Number 1 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	32.67 ng	1462470	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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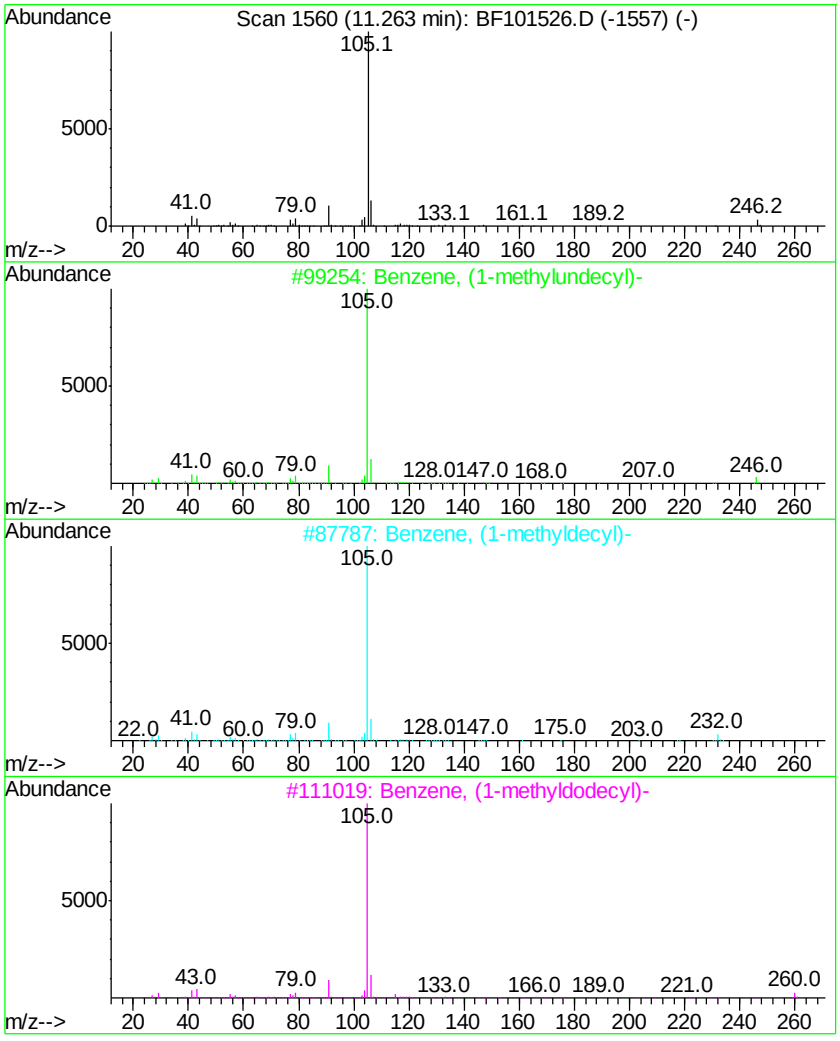
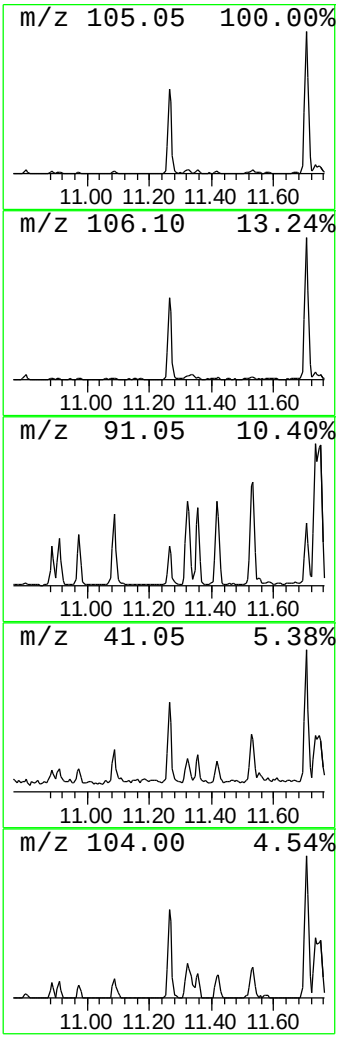
Peak Number 3 Benzene, (1-methylundecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	5.56 ng	380635	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	94
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
3	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	47





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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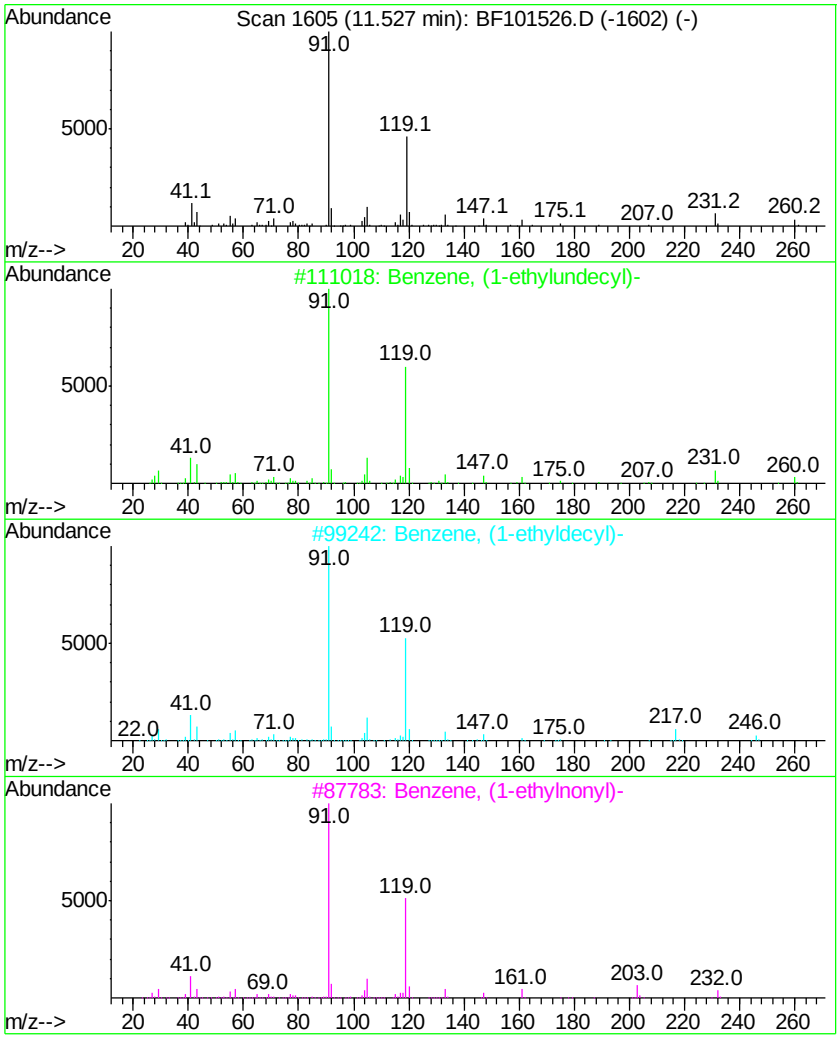
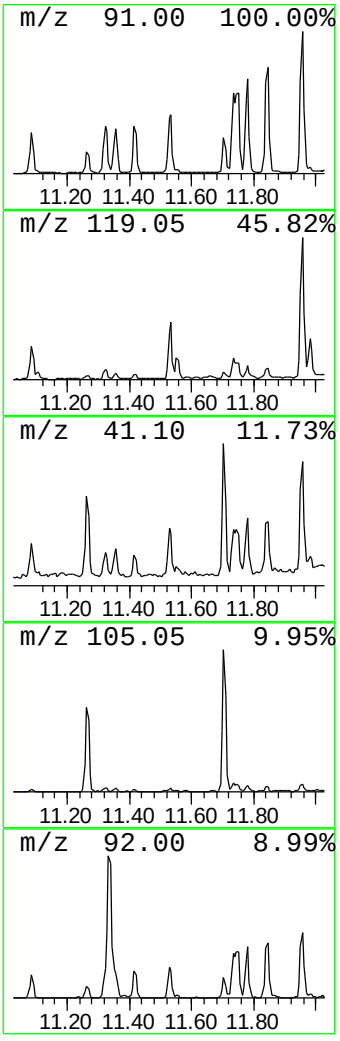
Peak Number 4 Benzene, (1-ethylundecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	2.72 ng	186155	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	72
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	72
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	47
5	3-Methylbenzoic acid, 4-chloro-2...	260	C15H13ClO2	1000331-26-6	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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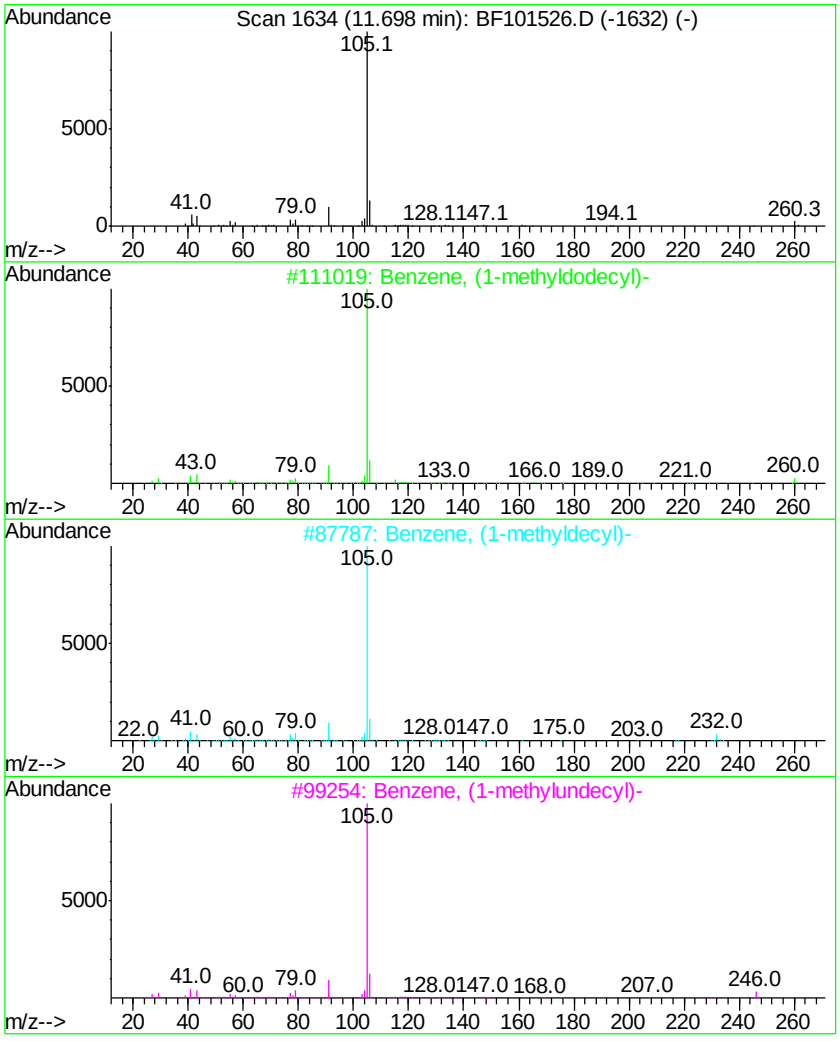
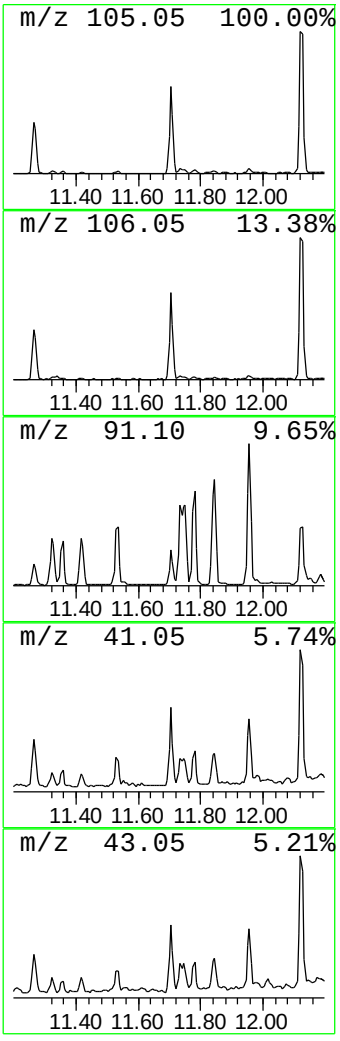
Peak Number 5 Benzene, (1-methyldodecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	8.62 ng	589665	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	91
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
4	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	59
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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

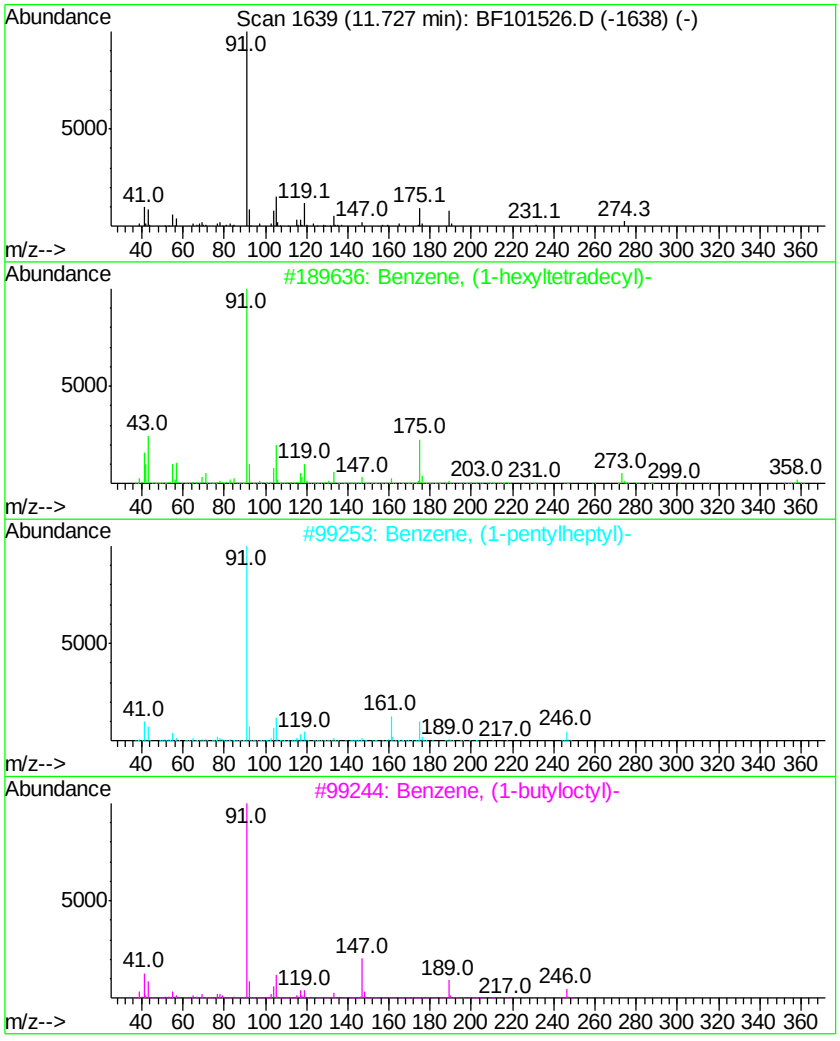
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

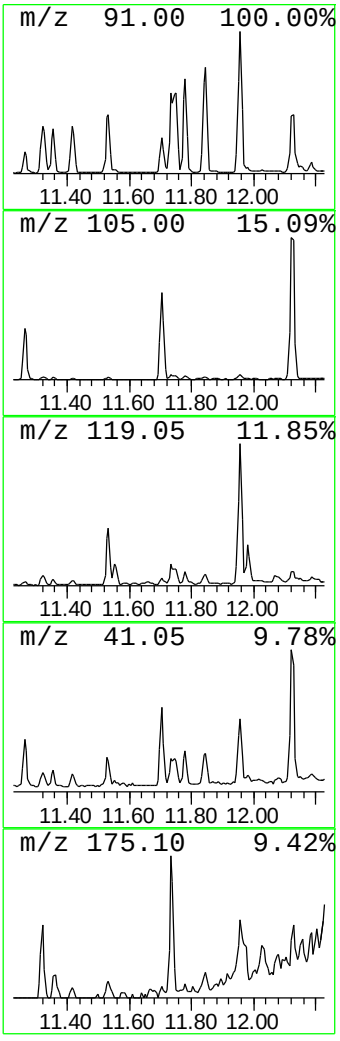
****

Peak Number 6 Benzene, (1-hexyltetradecyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.77 ng	189604	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-hexyltetradecyl)-	358	C26H46	002398-64-3	64
2	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	50
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	50
4	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	50
5	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101526.D
Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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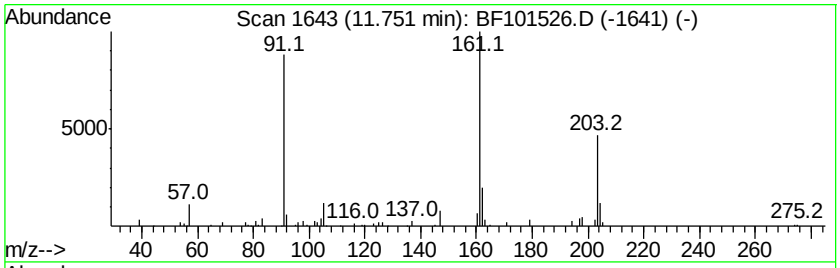
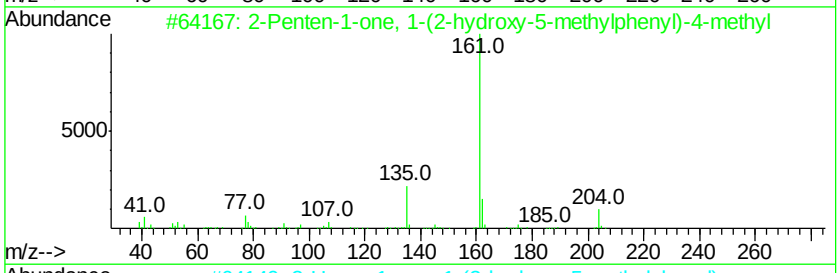
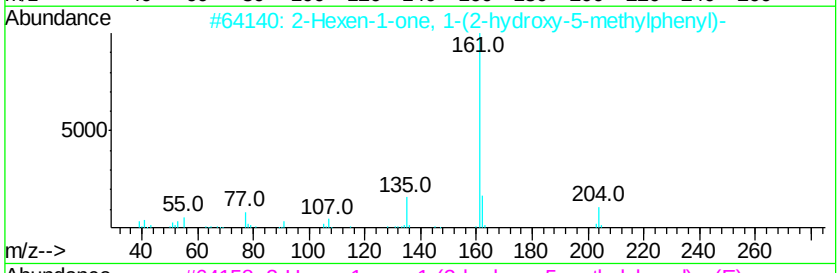
Peak Number 7 unknown11.75 Concentration Rank 16

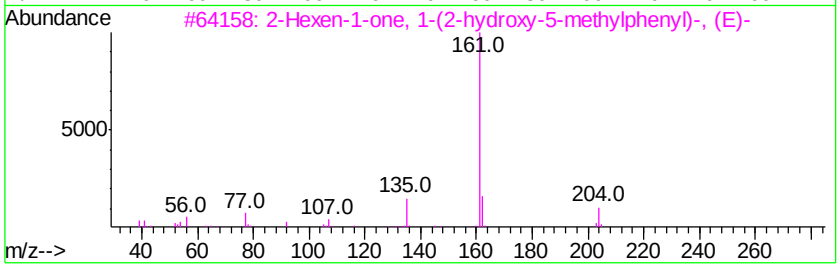
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.87 ng	196091	Phenanthrene-d10	11.34

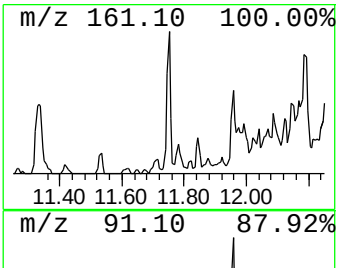
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Penten-1-one, 1-(2-hydroxy-5-m...	204	C13H16O2	051956-80-0	47
2	2-Hexen-1-one, 1-(2-hydroxy-5-me...	204	C13H16O2	051956-79-7	47
3	2-Hexen-1-one, 1-(2-hydroxy-5-me...	204	C13H16O2	041873-82-9	47
4	.beta.-copaene	204	C15H24	1000374-18-9	43
5	3a,7-Methano-3aH-cyclopentacyclo...	204	C15H24	000469-92-1	43

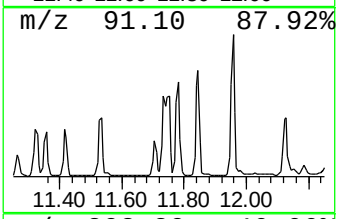


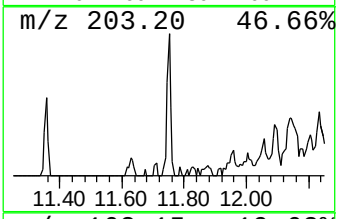


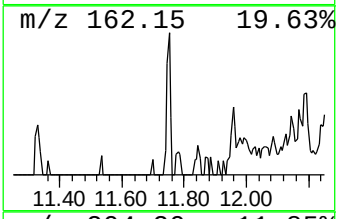


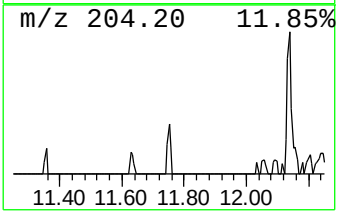












Library Search Compound Report

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Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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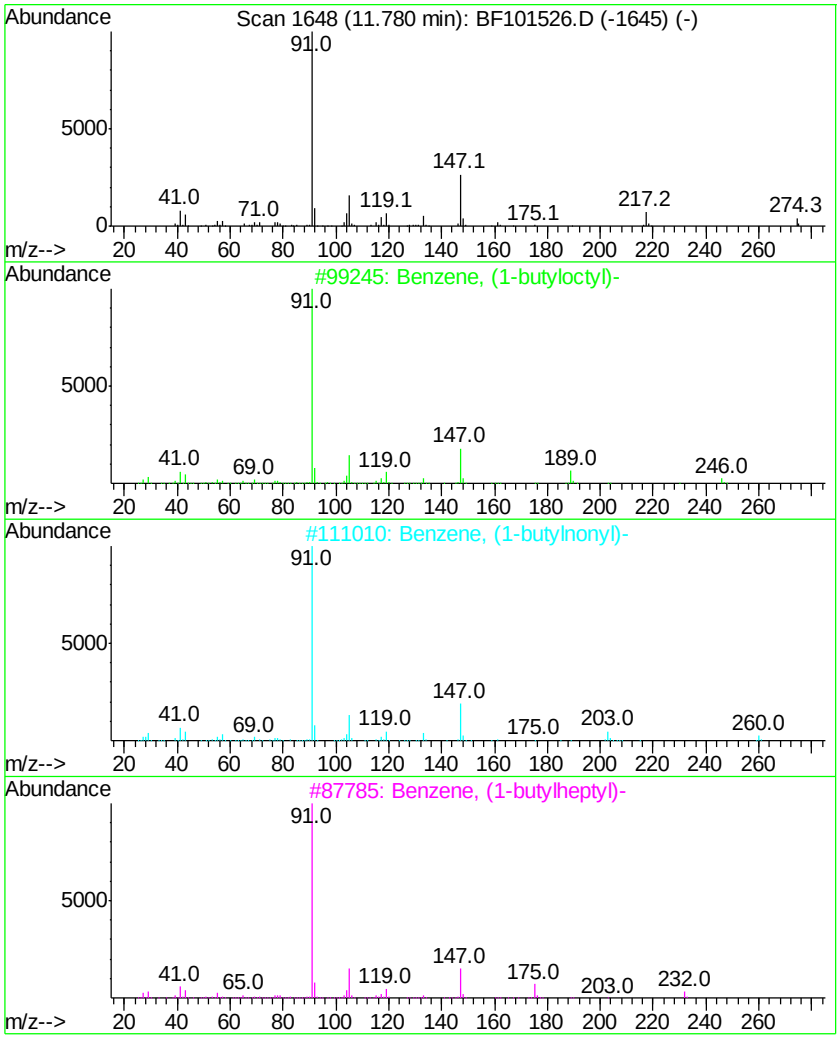
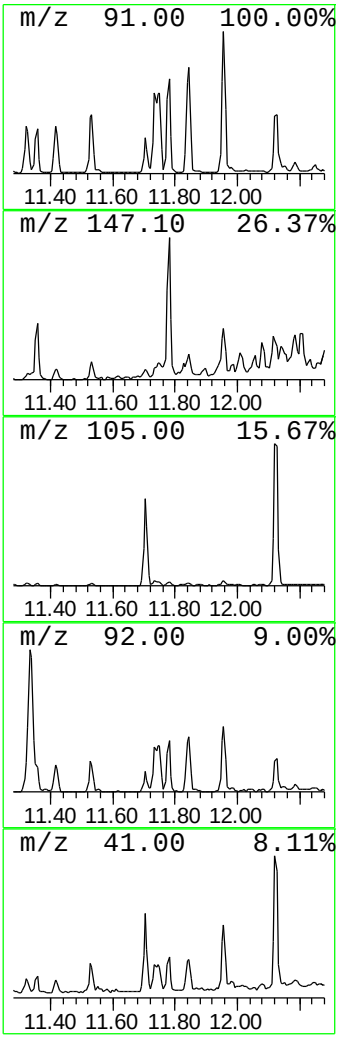
Peak Number 8 Benzene, (1-butyloctyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.51 ng	240030	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	80
2	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	72
3	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	50
4	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	43
5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	43





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Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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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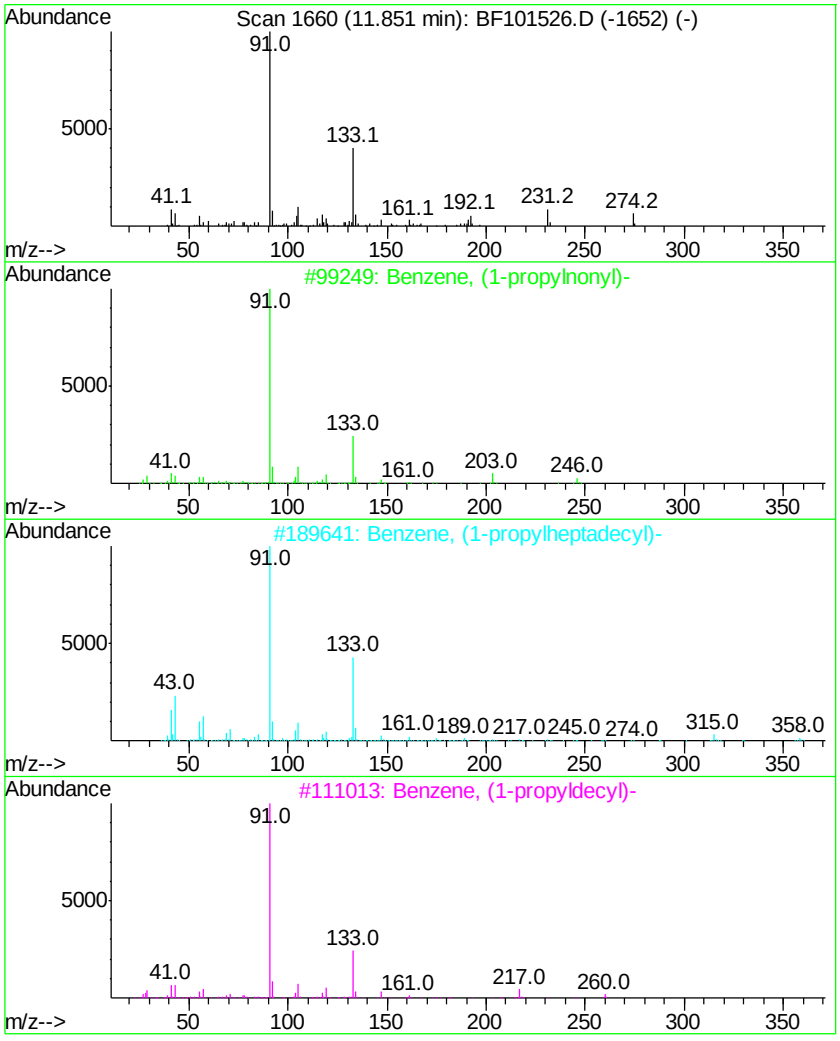
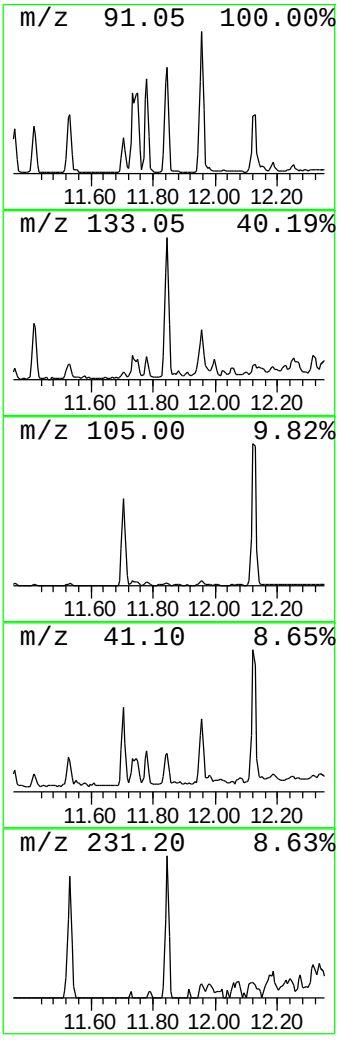
Peak Number 9 Benzene, (1-propylnonyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	4.56 ng	312227	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	64
2	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	59
3	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	47
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	45
5	Benzene, (1-propylbutyl)-	176	C13H20	002132-86-7	40





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Sample : I6927-01 2X
Misc :
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Instrument : BNA_F
ClientSampleId : R-4297-39456

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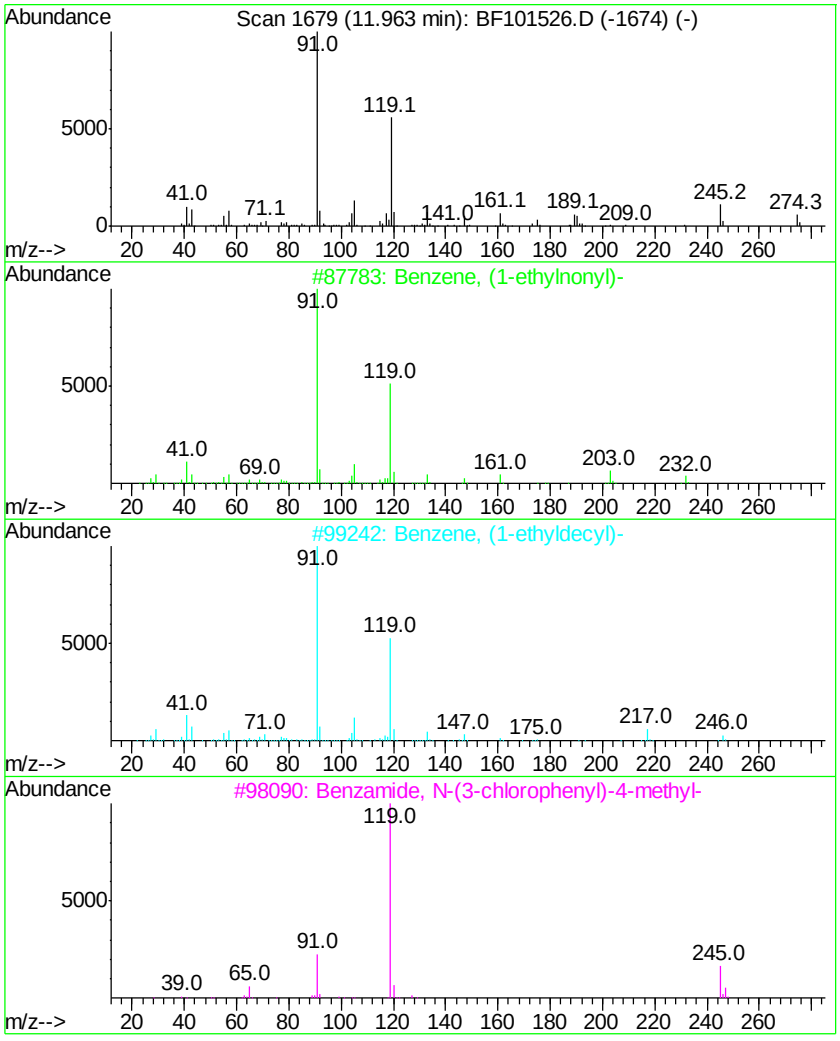
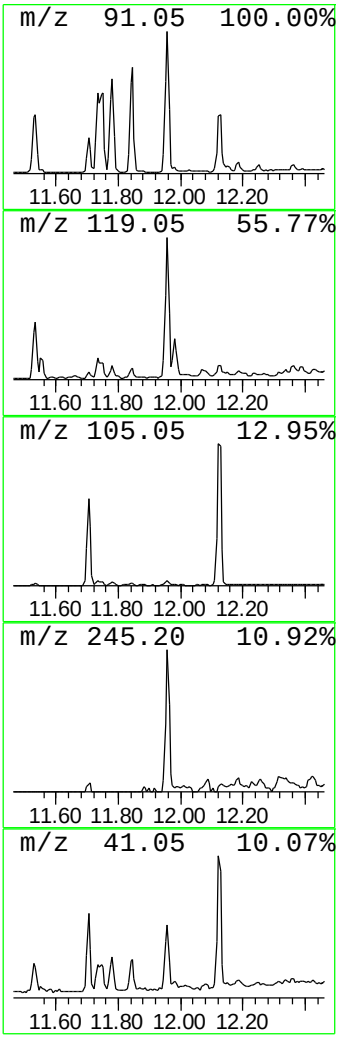
Peak Number 10 Benzene, (1-ethylnonyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.76 ng	462653	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	58
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	58
3	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	53
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	50
5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	49





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Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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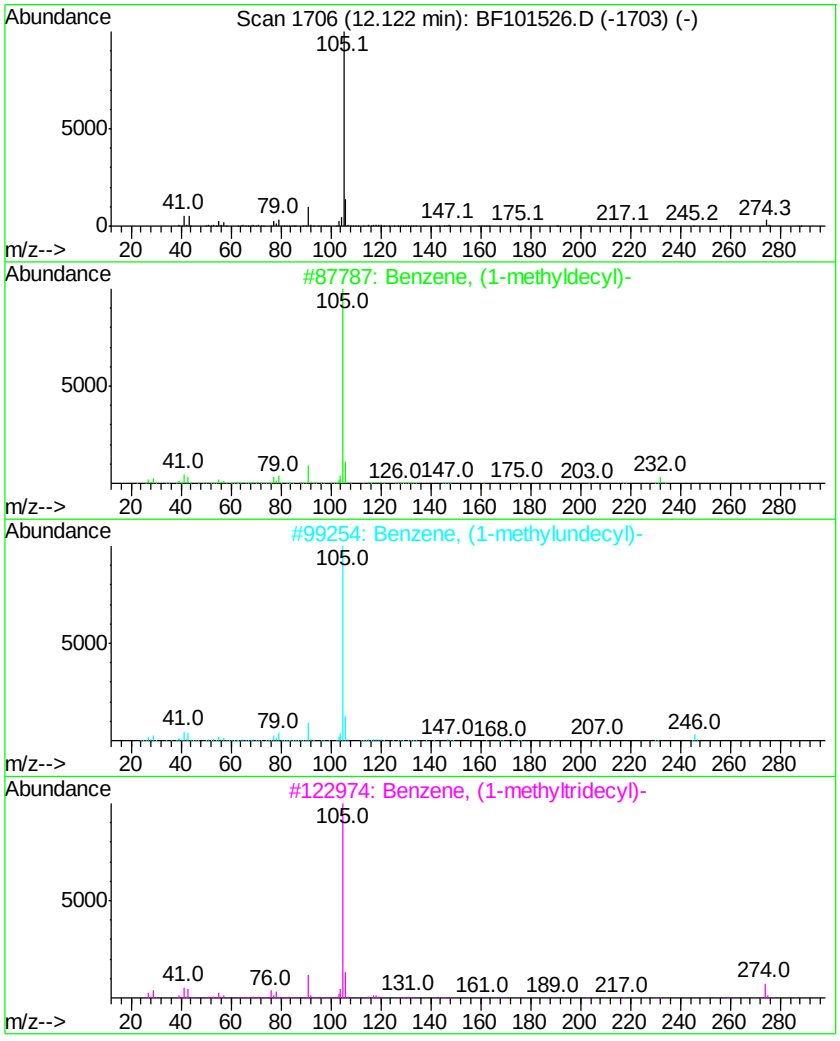
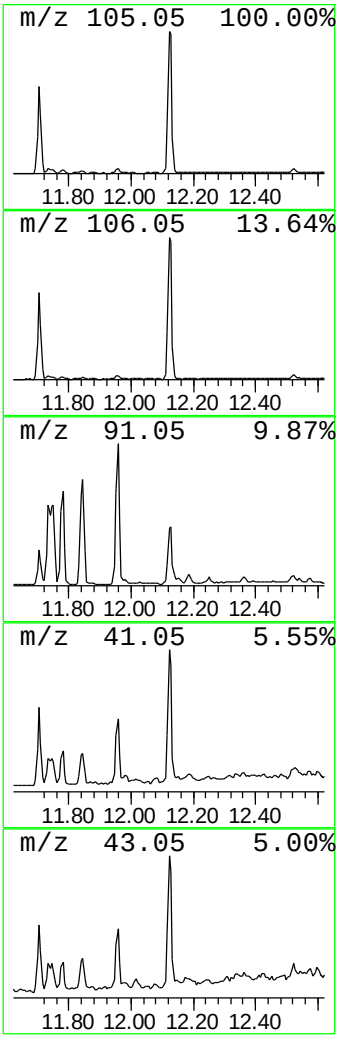
Peak Number 11 Benzene, (1-methyldecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	16.75 ng	1145750	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	74
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
3	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	72
4	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	50





Library Search Compound Report

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Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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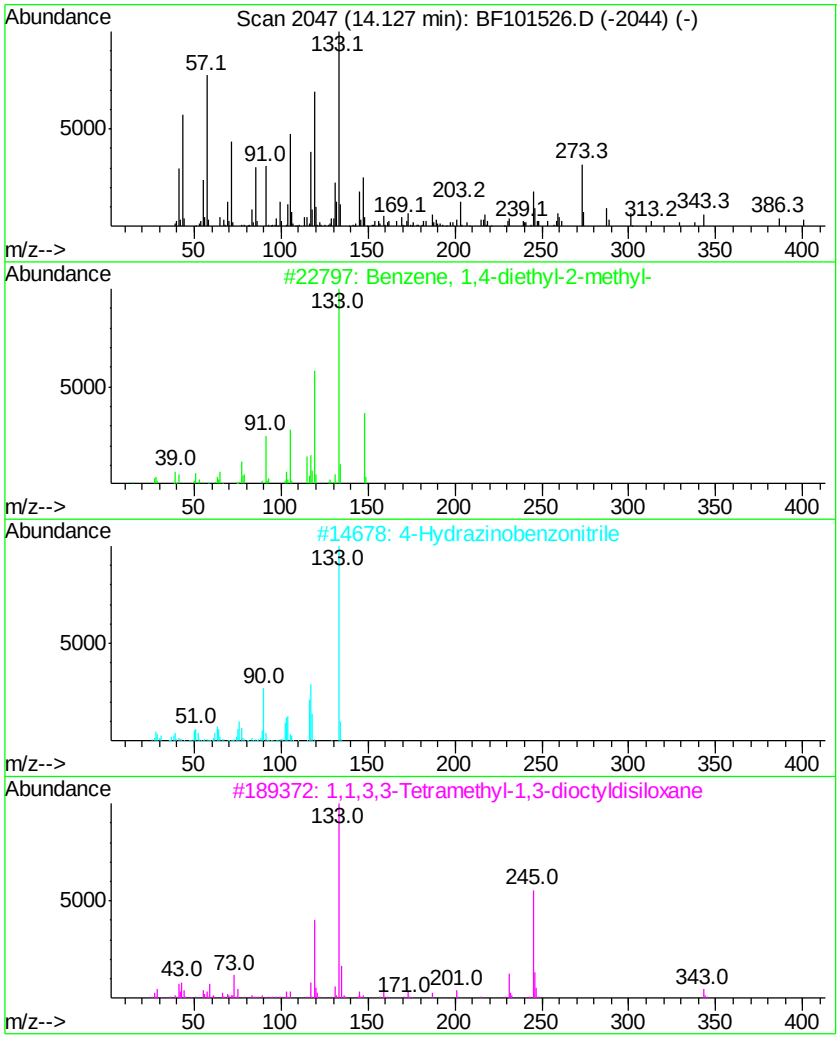
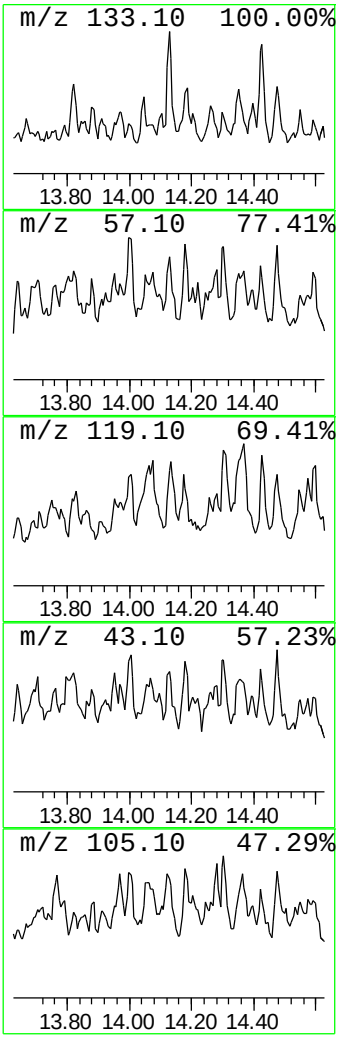
Peak Number 13 unknown14.13 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	3.09 ng	176655	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	43
2	4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	35
3	1,1,3,3-Tetramethyl-1,3-dioctyld...	358	C20H46OSi2	018642-94-9	25
4	1-Undecen-3-ol, 1-phenyl-	246	C17H26O	104761-41-3	25
5	Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	22





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Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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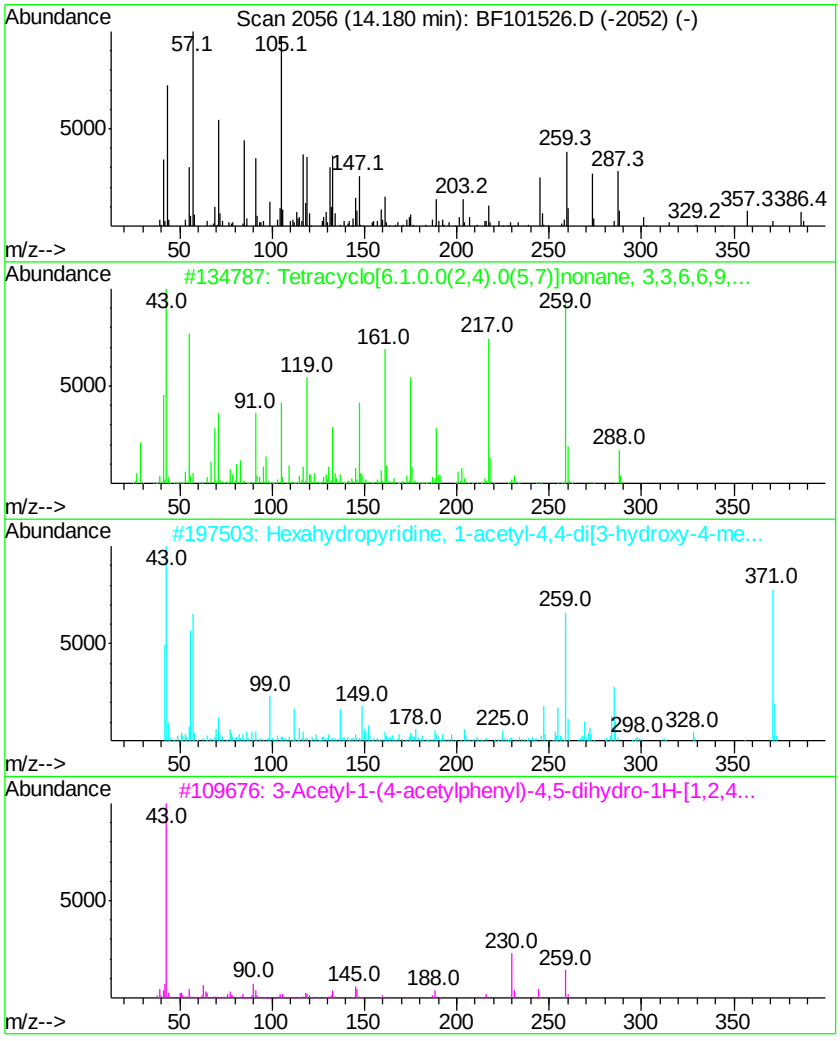
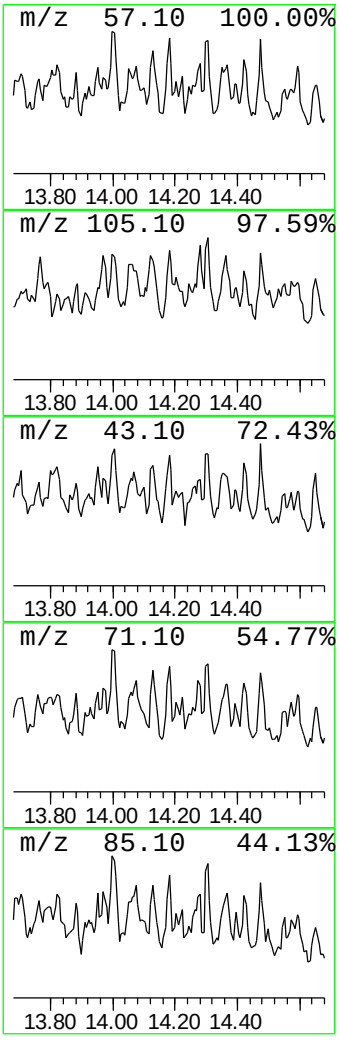
Peak Number 14 unknown14.18 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	3.09 ng	176221	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	288	C21H36	078578-98-0	16
2	Hexahydropyridine, 1-acetyl-4,4-...	371	C21H25NO5	1000124-72-8	10
3	3-Acetyl-1-(4-acetylphenyl)-4,5-...	259	C13H13N3O3	139455-69-9	10
4	3,5-Diacetyl-4-(3,4-dimethoxy-ph...	348	C19H24O6	1000294-17-9	10
5	Cyclohexanone, 2,4-diacetyl-5-hy...	348	C19H24O6	1000260-63-7	10





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Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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

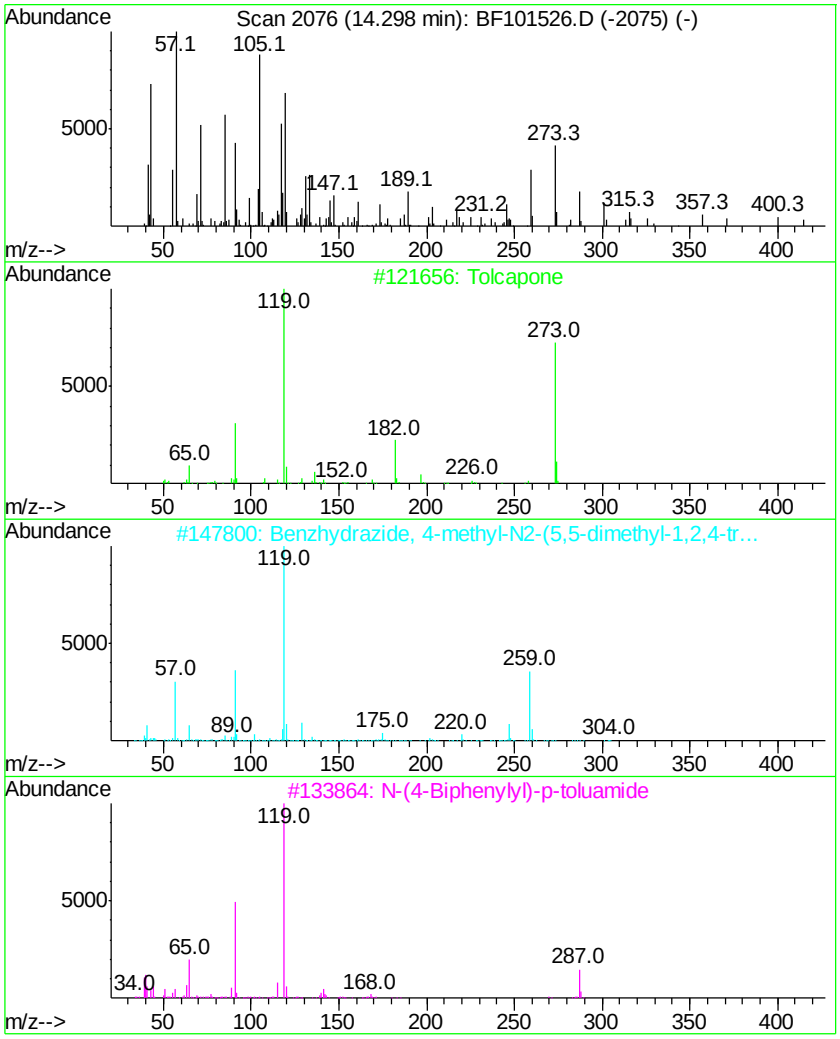
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

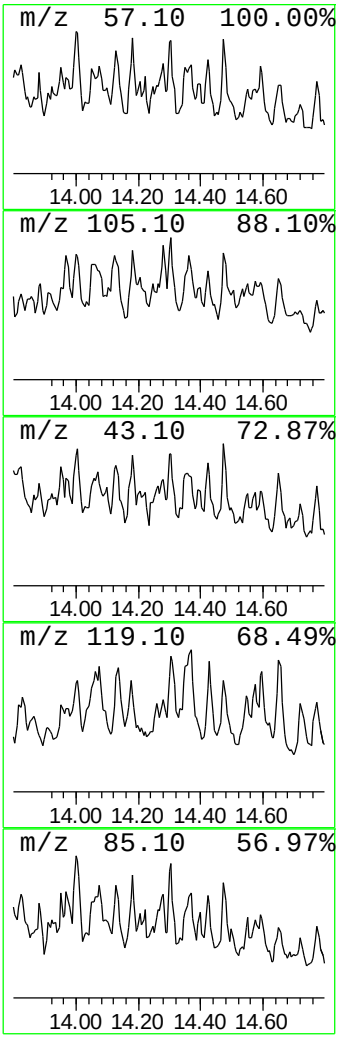
****

Peak Number 15 unknown14.30 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	3.00 ng	170957	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	35
2	Benzhydrazide, 4-methyl-N2-(5,5-...	304	C16H20N2O4	1000264-15-6	25
3	N-(4-Biphenylyl)-p-toluamide	287	C20H17NO	313251-13-7	18
4	Succinic acid, 4-methylpent-2-yl...	454	C28H54O4	1000349-23-6	16
5	1H-Benzotriazole, 1-(4-isopropyl...	301	C15H15N3O2S	1000310-77-0	14





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Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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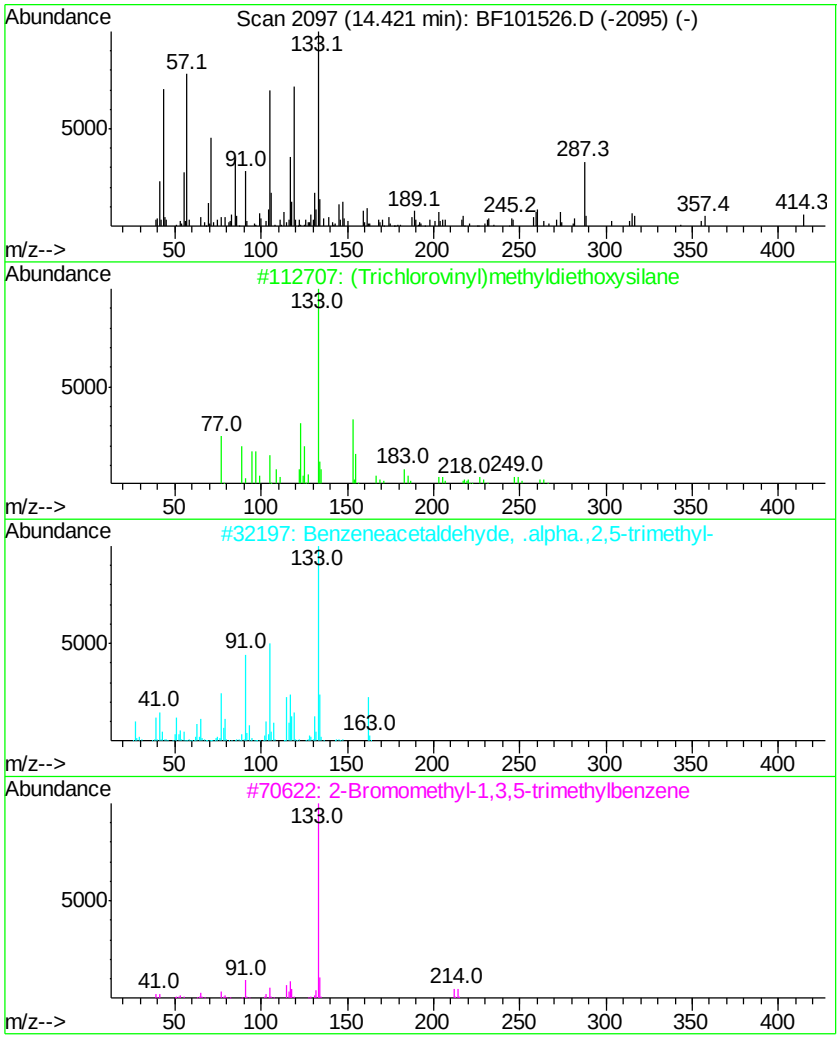
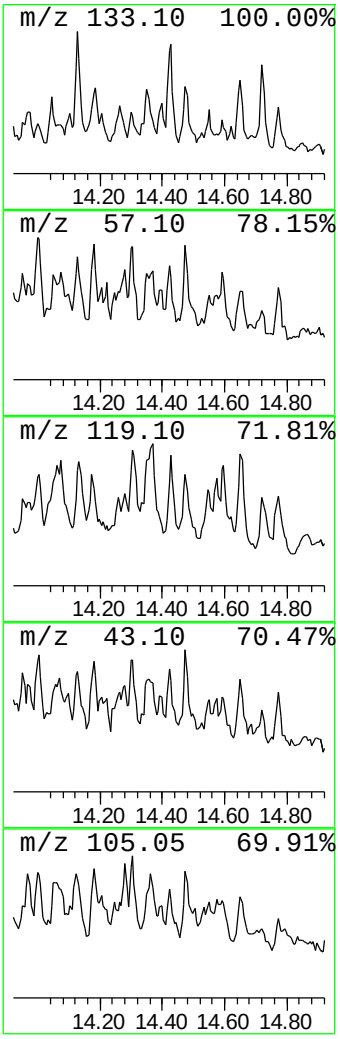
Peak Number 16 unknown14.42 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.49 ng	142305	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Trichlorovinyl)methyldiethoxysi...	262	C7H13Cl3O2Si	128595-91-5	27
2	Benzeneacetaldehyde, .alpha.,2,5...	162	C11H14O	052417-50-2	25
3	2-Bromomethyl-1,3,5-trimethylben...	212	C10H13Br	004761-00-6	22
4	Furazan-3-carboxylic acid, 4-ami...	275	C13H13N3O4	296244-74-1	22
5	2-tert-Butyltoluene	148	C11H16	001074-92-6	22





Library Search Compound Report

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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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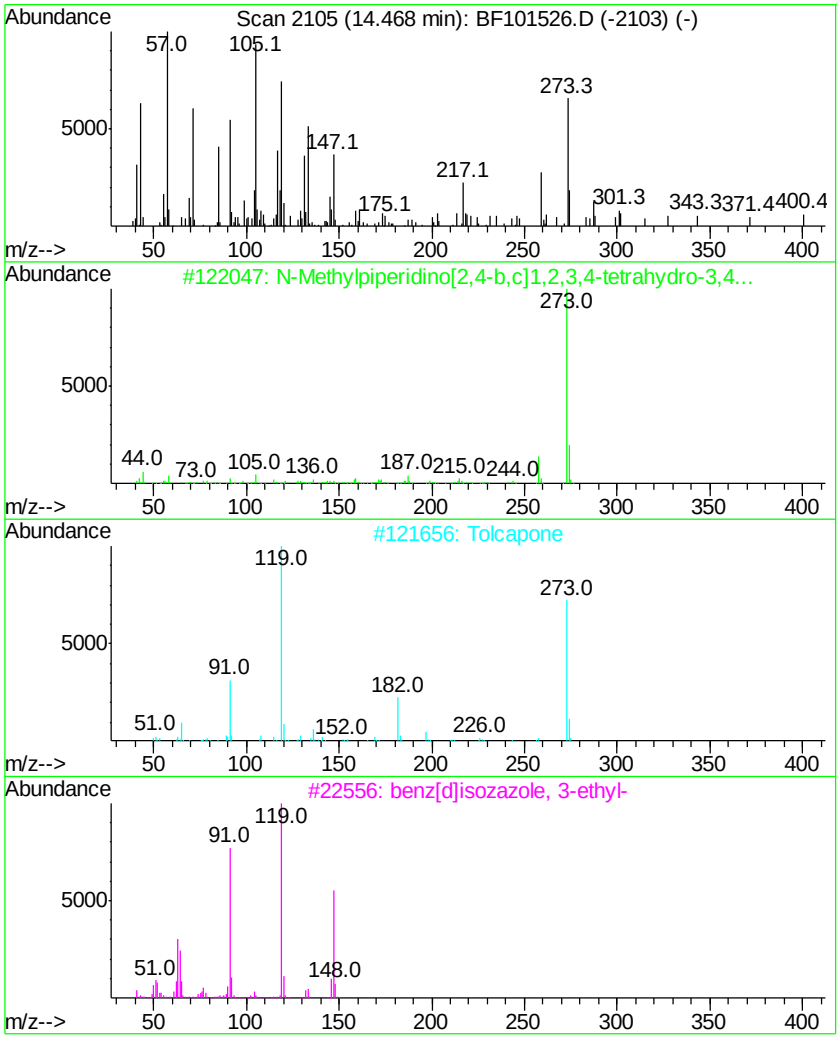
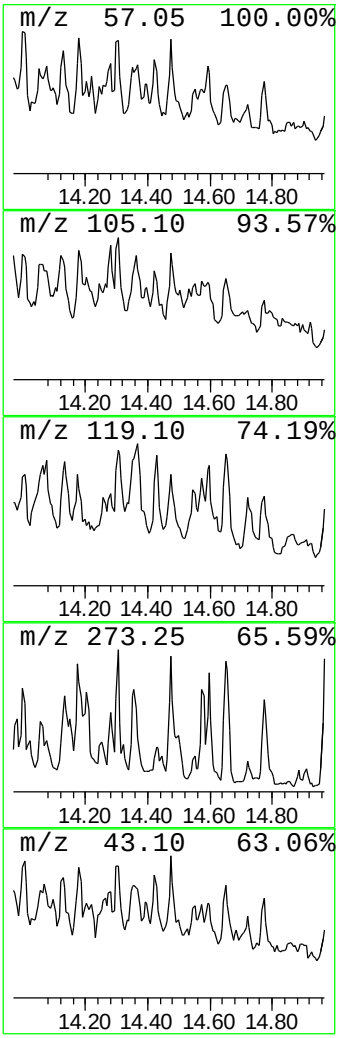
Peak Number 17 unknown14.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	3.40 ng	194131	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Methylpiperidino[2,4-b,c]1,2,3...	273	C18H27NO	1000128-54-7	11
2	Tolcapone	273	C14H11NO5	134308-13-7	10
3	benz[d]isozazole, 3-ethyl-	147	C9H9NO	066033-77-0	10
4	3-Acetyl-1-(4-acetylphenyl)-4,5-...	259	C13H13N3O3	139455-69-9	10
5	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	10





Tentatively Identified Compound (LSC) summary

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Acq On : 19 Dec 2017 16:59
Operator : SJ/JU
Sample : I6927-01 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : R-4297-39456

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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
unknown6.58	6.58	32.7	ng	1462470	1	6.80	895284	20.0
Benzene, (1-methy...	11.26	5.6	ng	380635	4	11.34	1368320	20.0
Benzene, (1-ethyl...	11.53	2.7	ng	186155	4	11.34	1368320	20.0
Benzene, (1-methy...	11.70	8.6	ng	589665	4	11.34	1368320	20.0
Benzene, (1-hexyl...	11.73	2.8	ng	189604	4	11.34	1368320	20.0
unknown11.75	11.75	2.9	ng	196091	4	11.34	1368320	20.0
Benzene, (1-butyl...	11.78	3.5	ng	240030	4	11.34	1368320	20.0
Benzene, (1-propy...	11.85	4.6	ng	312227	4	11.34	1368320	20.0
Benzene, (1-ethyl...	11.96	6.8	ng	462653	4	11.34	1368320	20.0
Benzene, (1-methy...	12.12	16.8	ng	1145750	4	11.34	1368320	20.0
unknown14.13	14.13	3.1	ng	176655	5	13.99	1141560	20.0
unknown14.18	14.18	3.1	ng	176221	5	13.99	1141560	20.0
unknown14.30	14.30	3.0	ng	170957	5	13.99	1141560	20.0
unknown14.42	14.42	2.5	ng	142305	5	13.99	1141560	20.0
unknown14.47	14.47	3.4	ng	194131	5	13.99	1141560	20.0