LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100845.D
Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

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-BF110817.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	5.469	572	575	585	rVB	391703	335108	13.87%	0.886%
2	6.481	744	747	756	rBV	408411	353903	14.65%	0.936%
3	6.628	768	772	775	rBV	406232	363187	15.03%	0.961%
4	6.857	807	811	815	rBV	516235	411927	17.05%	1.090%
5	7.010	834	837	841	rBV	311196	282535	11.69%	0.747%
6	7.416	903	906	910	rBV	271799	212874	8.81%	0.563%
7	8.139	1021	1029	1032	rBV	670328	544711	22.54%	1.441%
8	9.210	1208	1211	1216	rBV	457626	409051	16.93%	1.082%
9	9.404	1241	1244	1247	rVB2	98825	109379	4.53%	0.289%
10	9.610	1276	1279	1282	rBV3	38753	39990	1.65%	0.106%
11	9.857	1318	1321	1324	rBV	62066	57120	2.36%	0.151%
12	9.898	1324	1328	1331	rVV	683336	580201	24.01%	1.535%
13	9.928	1331	1333	1337	rVV	41500	43422	1.80%	0.115%
14	10.027	1347	1350	1353	rVV2	63575	60520	2.50%	0.160%
15	10.304	1394	1397	1403	rBV5	41354	57202	2.37%	0.151%
16	10.369	1405	1408	1414	rVB2	92818	91903	3.80%	0.243%
17	10.427	1414	1418	1419	rBV2	57581	68058	2.82%	0.180%
18	10.492	1425	1429	1430	rBV	96721	95135	3.94%	0.252%
19	10.510	1430	1432	1434	rVV	134265	100448	4.16%	0.266%
20	10.563	1435	1441	1444	rVV2	157457	204946	8.48%	0.542%
21	10.592	1444	1446	1448	rVV2	79247	70535	2.92%	0.187%
22	10.633	1450	1453	1455	rVV	162732	149337	6.18%	0.395%
23	10.651	1455	1456	1458	rVV	86520	68359	2.83%	0.181%
24	10.680	1458	1461	1466	rVB2	315305	325289	13.46%	0.860%
25	10.751	1469	1473	1475	rVV	409311	340391	14.09%	0.900%
26	10.786	1475	1479	1482	rVB3	84088	124053	5.13%	0.328%
27	10.839	1485	1488	1489	rVV	127507	102148	4.23%	0.270%
28	10.869	1489	1493	1495	rVB2	222651	262595	10.87%	0.695%
29	10.904	1495	1499	1503	rVB	616473	507693	21.01%	1.343%
30	10.945	1503	1506	1509	rBV	484297	463379	19.18%	1.226%
31	10.969	1509	1510	1512	rVV	105809	67253	2.78%	0.178%
32	11.033	1516	1521	1525	rBV3	337018	424473	17.57%	1.123%
33	11.122	1533	1536	1538	rVB	153921	144956	6.00%	0.383%
34	11.145	1538	1540	1544	rVB2	91837	68078	2.82%	0.180%

LSC Area Percent Report

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Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

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-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.180	1544	1546	1549	rBV	274259	246588	10.21%	0.652%
36	11.239	1549	1556	1559	rBV	394278	559514	23.16%	1.480%
37	11.280	1559	1563	1564	rVV2	228003	292274	12.10%	0.773%
38	11.333	1567	1572	1574	rVV2	336586	470328	19.46%	1.244%
39	11.357	1574	1576	1578	rVV3	245827	240269	9.94%	0.636%
40	11.386	1578	1581	1583	rVV2	1256484	1377519	57.01%	3.644%
41	11.427	1583	1588	1592	rVV5	876477	2131795	88.22%	5.639%
42	11.474	1592	1596	1598	rVV4	745322	1309337	54.19%	3.464%
43	11.498	1598	1600	1604	rVV2	669440	1018606	42.16%	2.694%
44	11.533	1604	1606	1608	rVV	519011	503080	20.82%	1.331%
45	11.563	1608	1611	1614	rVV2	785548	1056327	43.72%	2.794%
46	11.604	1614	1618	1621	rVV2	1137337	1549300	64.12%	4.098%
47	11.639	1621	1624	1628	rVV3	710676	1258199	52.07%	3.328%
48	11.692	1628	1633	1637	rVV2	1321147	2416321	100.00%	6.392%
49	11.733	1637	1640	1643	rVV3	616477	889759	36.82%	2.354%
50	11.780	1643	1648	1649	rVV2	982266	1573400	65.12%	4.162%
51	11.798	1649	1651	1655	rVV4	813948	1292774	53.50%	3.420%
52	11.839	1655	1658	1660	rVV2	651102	1001357	41.44%	2.649%
53	11.863	1660	1662	1665	rVV	609260	836120	34.60%	2.212%
54	11.904	1667	1669	1671	rVV	548897	491424	20.34%	1.300%
55	11.927	1671	1673	1676	rVB	255656	239336	9.90%	0.633%
56	12.016	1685	1688	1691	rVV	418568	315611	13.06%	0.835%
57	12.074	1695	1698	1700	rVB2	126023	117751	4.87%	0.311%
58	12.133	1701	1708	1711	rBV4	135482	288483	11.94%	0.763%
59	12.186	1714	1717	1721	rBV	860655	973188	40.28%	2.574%
60	12.245	1724	1727	1730	rVB4	154549	167304	6.92%	0.443%
61	12.474	1764	1766	1769	rVB4	207487	165493	6.85%	0.438%
62	12.510	1769	1772	1775	rBV4	111863	161908	6.70%	0.428%
63	12.598	1784	1787	1791	rVB	446250	399556	16.54%	1.057%
64	12.686	1800	1802	1806	rBV4	85756	104210	4.31%	0.276%
65	12.727	1807	1809	1811	rVV2	89450	83756	3.47%	0.222%
66	12.757	1811	1814	1821	rVB4	134816	182102	7.54%	0.482%
67	12.833	1821	1827	1831	rBV	462312	563786	23.33%	1.491%
68	12.968	1847	1850	1852	rBV	317661	280773	11.62%	0.743%
69	12.998	1852	1855	1857	rVV3	63464	62593	2.59%	0.166%
70	13.133	1875	1878	1880	rBV3	122431	150238	6.22%	0.397%
71	13.263	1897	1900	1902	rVB	137946	130997	5.42%	0.347%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.292	1902	1905	1910	rVB4	112497	141628	5.86%	0.375%
73	13.445	1929	1931	1933	rBV2	105615	99844	4.13%	0.264%
74	13.504	1939	1941	1944	rVB	101453	73465	3.04%	0.194%
75	13.674	1968	1970	1973	rVB2	153067	126419	5.23%	0.334%
76	13.798	1989	1991	1994	rBV5	109302	125969	5.21%	0.333%
77	13.880	2002	2005	2009	rVB5	116100	132248	5.47%	0.350%
78	14.027	2026	2030	2032	rVV2	421031	490076	20.28%	1.296%
79	14.057	2032	2035	2040	rVB3	325917	475617	19.68%	1.258%
80	14.186	2054	2057	2062	rVB3	187574	237418	9.83%	0.628%
81	14.239	2063	2066	2068	rBV3	131842	153732	6.36%	0.407%
82	14.363	2084	2087	2091	rVB3	226263	240538	9.95%	0.636%
83	14.415	2093	2096	2100	rVB4	165465	217192	8.99%	0.575%
84	14.486	2105	2108	2113	rBV5	116282	149743	6.20%	0.396%
85	14.533	2113	2116	2119	rBV4	196482	234441	9.70%	0.620%
86	14.610	2126	2129	2132	rBV3	112554	130750	5.41%	0.346%
87	14.710	2143	2146	2150	rBV3	152903	223565	9.25%	0.591%
88	14.839	2165	2168	2173	rVB2	170001	232895	9.64%	0.616%
89	15.039	2199	2202	2204	rBV	102901	122614	5.07%	0.324%
90	15.068	2204	2207	2210	rVV	142580	184885	7.65%	0.489%
91	15.174	2222	2225	2229	rVB2	117554	142074	5.88%	0.376%
92	15.268	2237	2241	2246	rBV6	45651	98388	4.07%	0.260%
93	15.321	2247	2250	2255	rVB5	49298	67650	2.80%	0.179%
94	15.374	2255	2259	2261	rBV	128453	152653	6.32%	0.404%
95	15.433	2266	2269	2275	rVB	200738	242360	10.03%	0.641%
96	15.498	2275	2280	2284	rBV2	342300	450942	18.66%	1.193%
97	16.968	2525	2530	2540	rVB2	91023	178962	7.41%	0.473%
98	17.203	2566	2570	2576	rVB2	21261	39431	1.63%	0.104%
99	17.415	2600	2606	2612	rVB	79277	157104	6.50%	0.416%
100	17.656	2643	2647	2653	rVB4	17332	39499	1.63%	0.104%

Sum of corrected areas: 37803637

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100845.D
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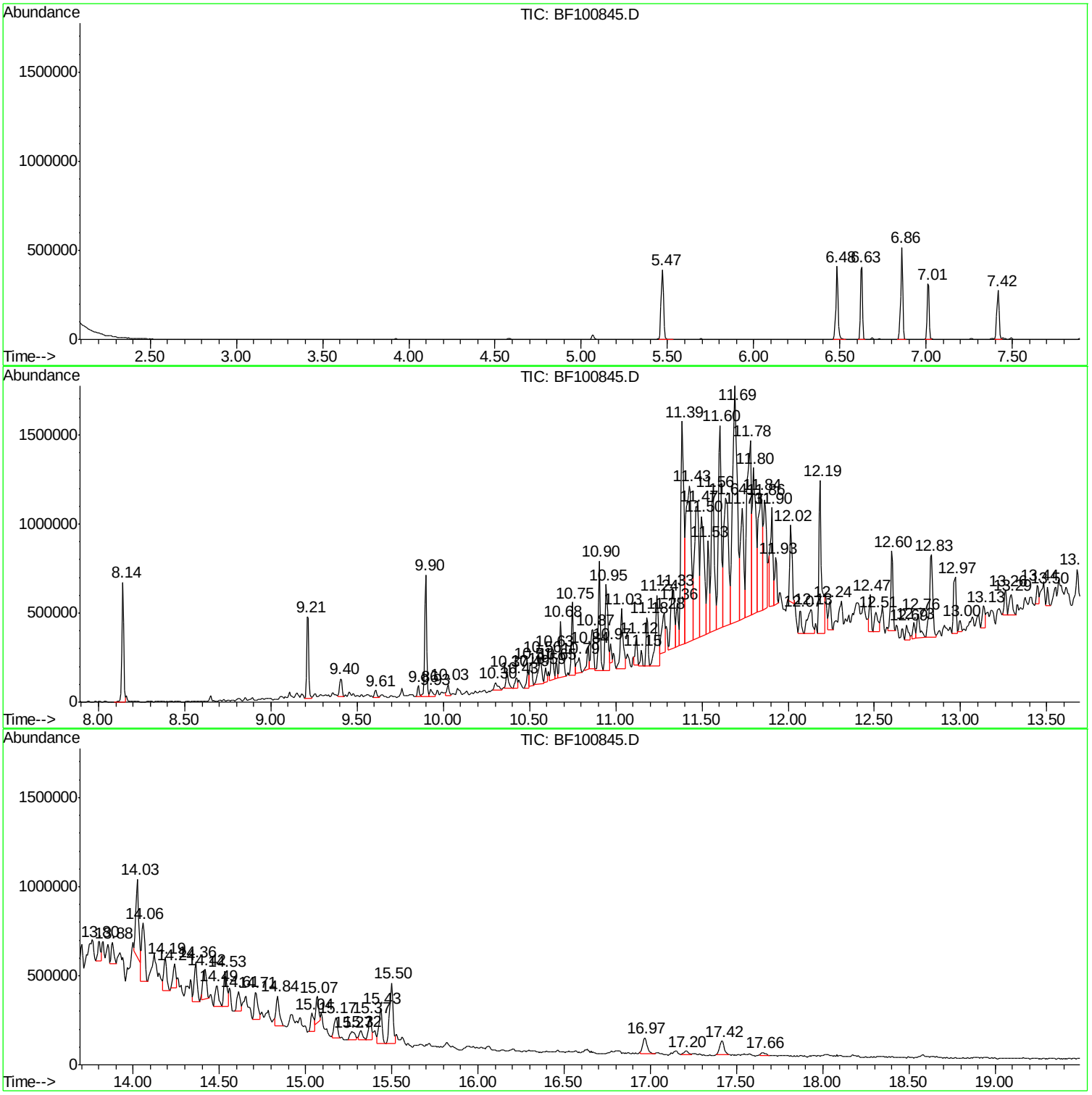
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

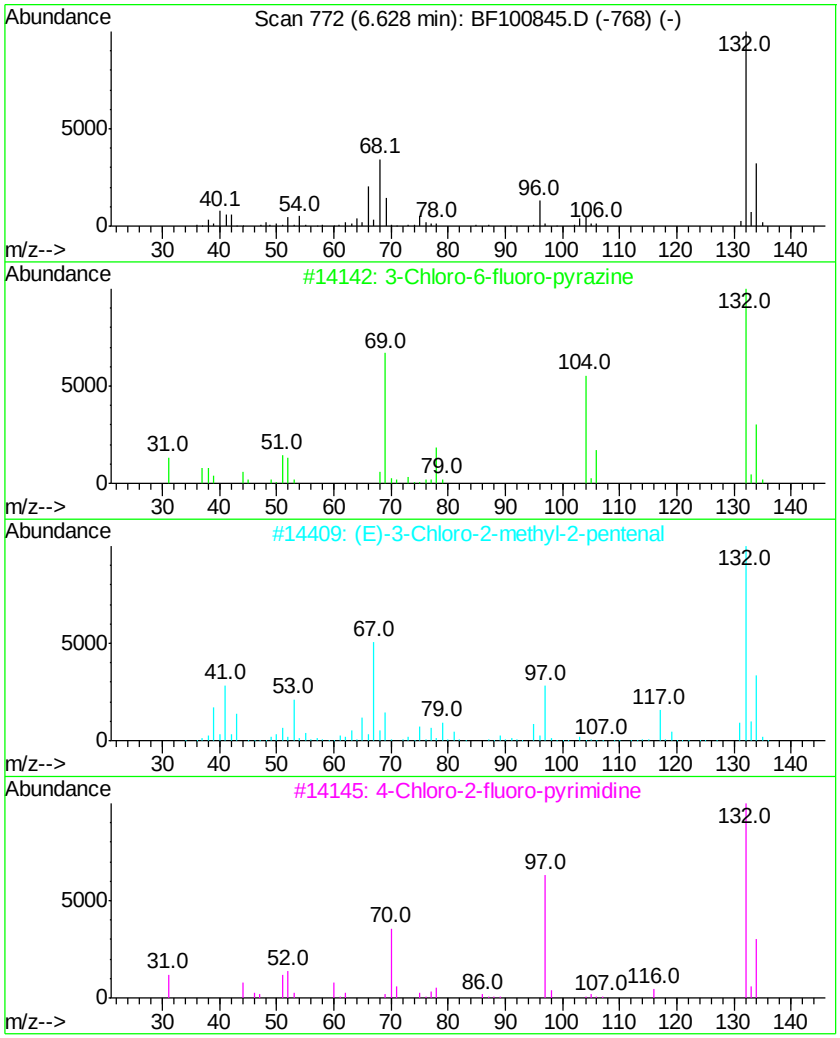
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

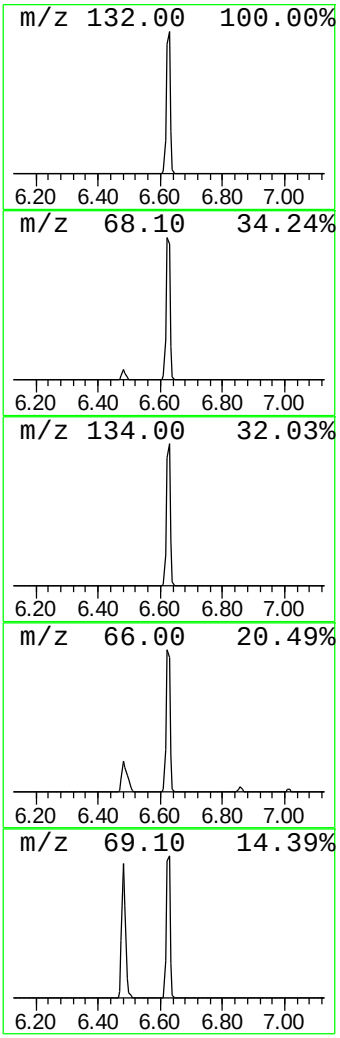
****

Peak Number 1 unknown6.63 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	17.63 ng	363187	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

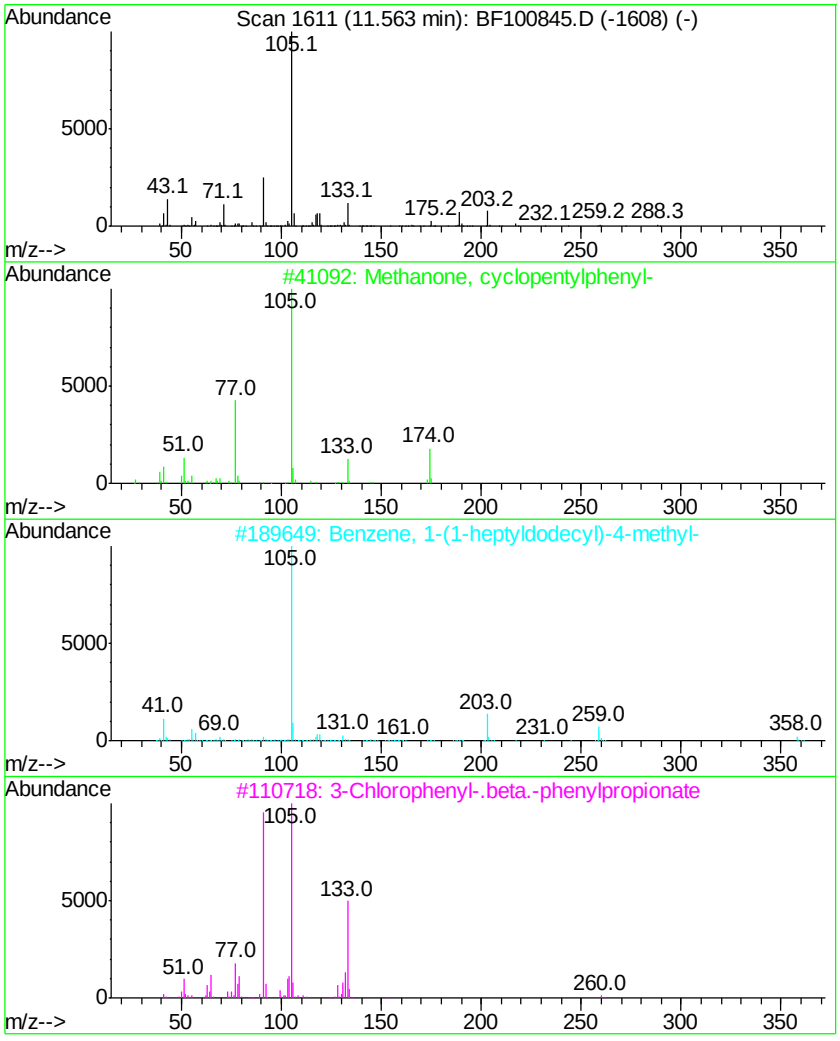
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

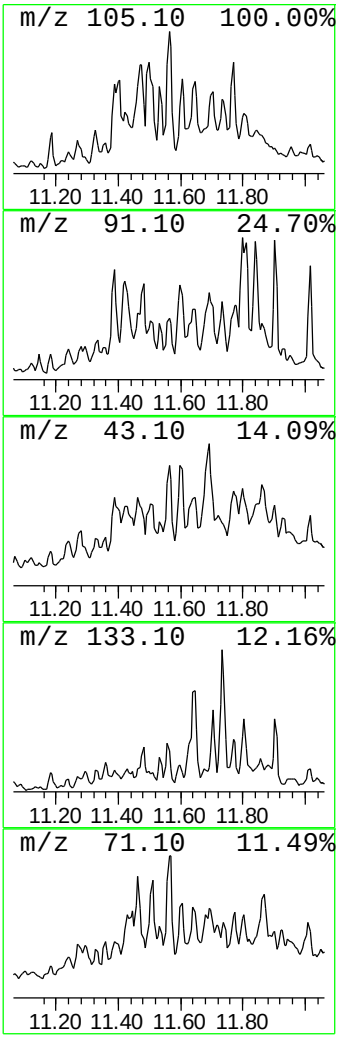
****

Peak Number 4 unknown11.56 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	15.34 ng	1056330	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, cyclopentylphenyl-	174	C12H14O	005422-88-8	25
2	Benzene, 1-(1-heptyldodecyl)-4-m...	358	C26H46	055191-36-1	22
3	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	17
4	2-Ethyl-1-(1-phenylethyl)aziridi...	311	C19H21NOS	114950-91-3	12
5	Valerophenone, 4-methyl-2-phenyl-	252	C18H20O	020736-42-9	10





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ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

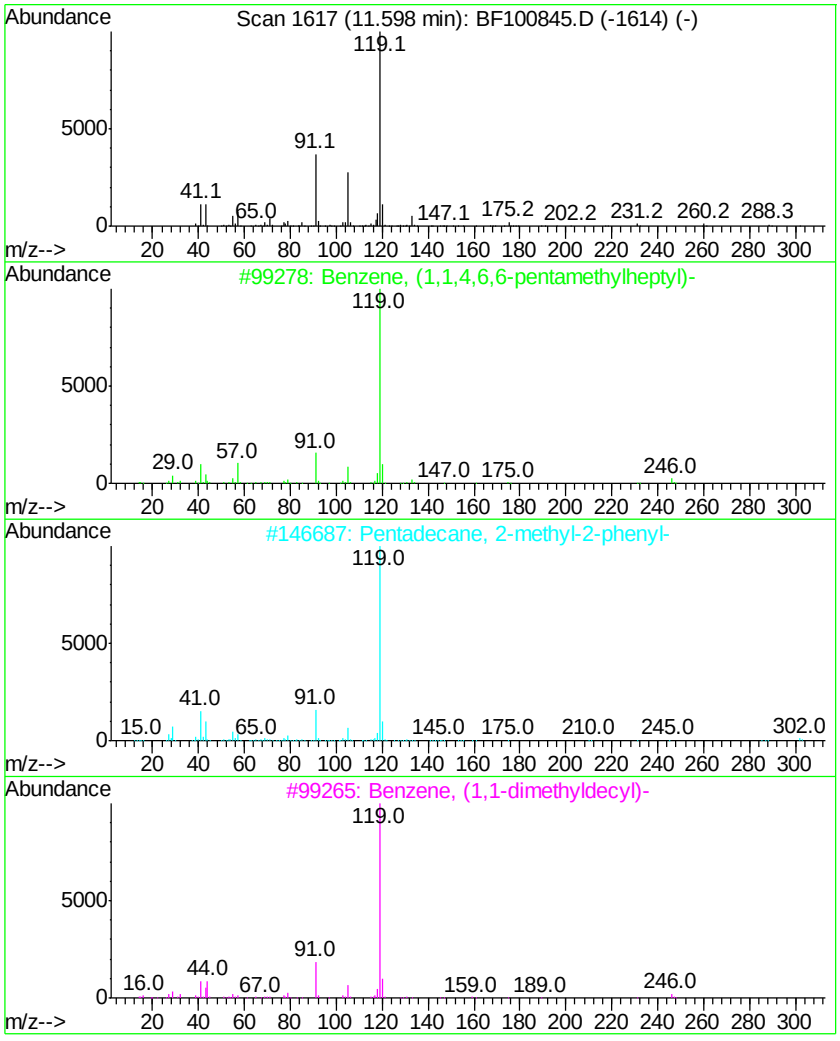
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

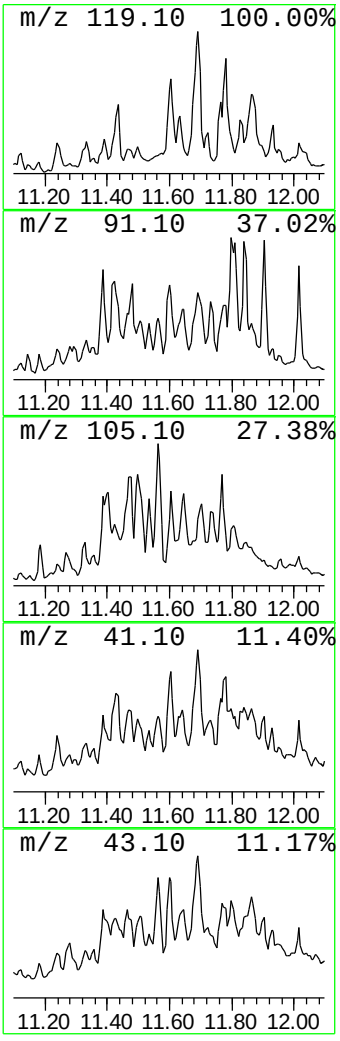
****

Peak Number 5 Benzene, (1,1,4,6,6-pentame... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	22.49 ng	1549300	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	72
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	59
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	59
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	59
5	p-Menthane, 2,3-dibromo-8-phenyl-	372	C16H22Br2	1000152-61-6	53





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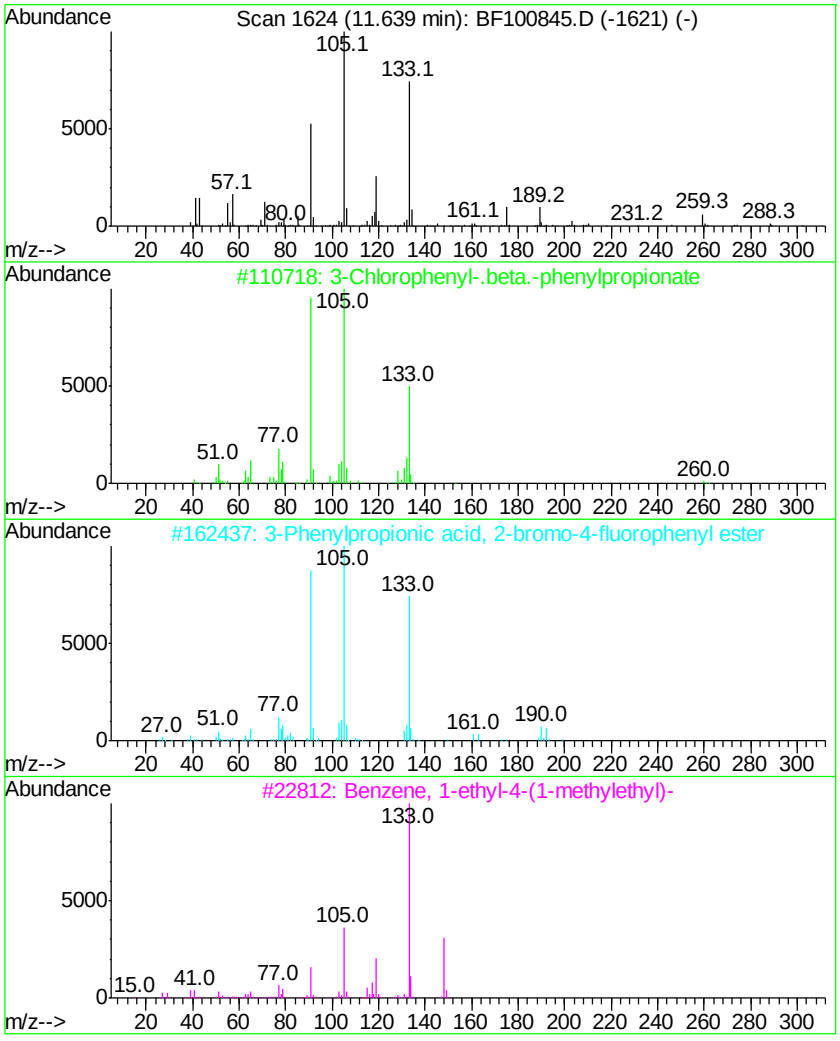
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

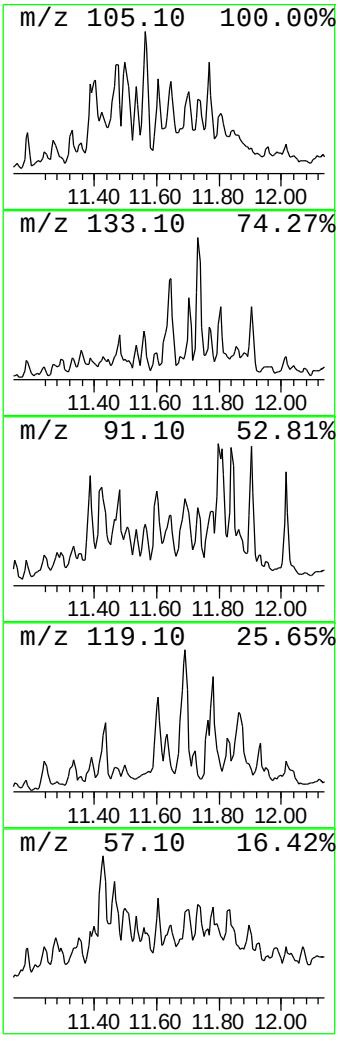
****

Peak Number 6 3-Chlorophenyl-.beta.-pheny... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	18.27 ng	1258200	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chlorophenyl-.beta.-phenylprop...	260	C15H13ClO2	023522-74-9	53
2	3-Phenylpropionic acid, 2-bromo-...	322	C15H12BrFO2	1000299-02-3	50
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
4	3-Phenylpropionic acid, pentaflu...	316	C15H9F5O2	1000354-73-7	50
5	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

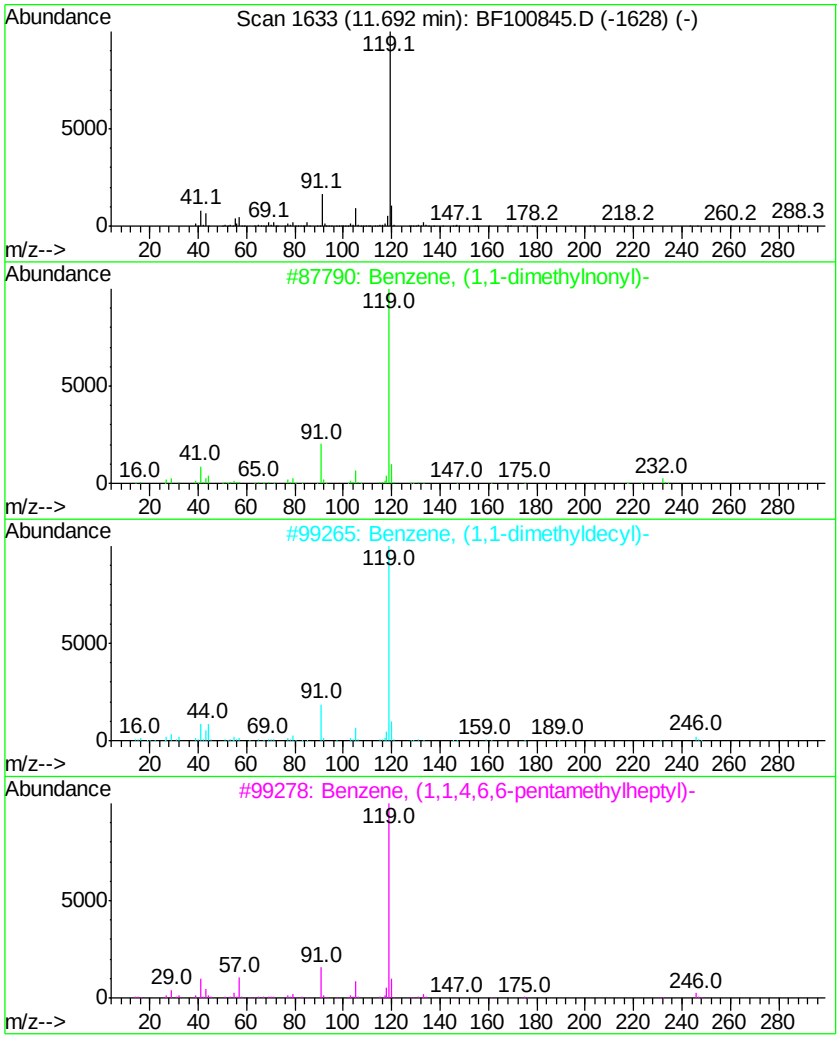
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

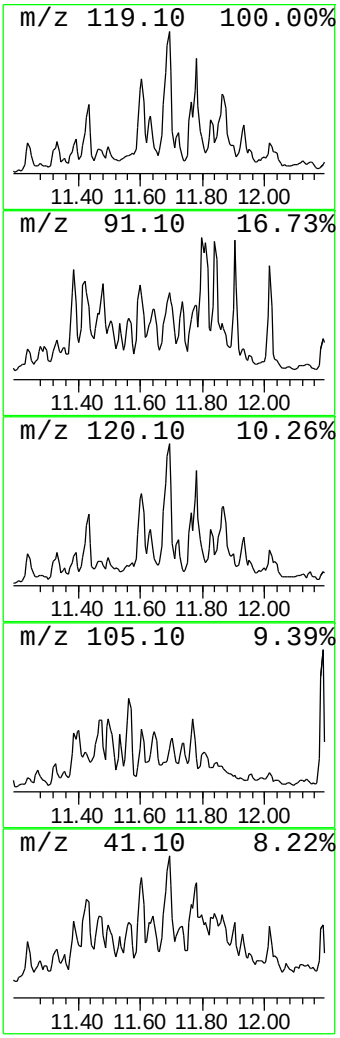
****

Peak Number 7 Benzene, (1,1-dimethylnonyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	35.08 ng	2416320	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	83
2	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	83
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	83
4	Dicumyl peroxide	270	C18H22O2	000080-43-3	78
5	3-Methylbenzoic acid, 2,5-dichlo...	280	C14H10Cl2O2	1000325-71-3	72





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Data File : BF100845.D
Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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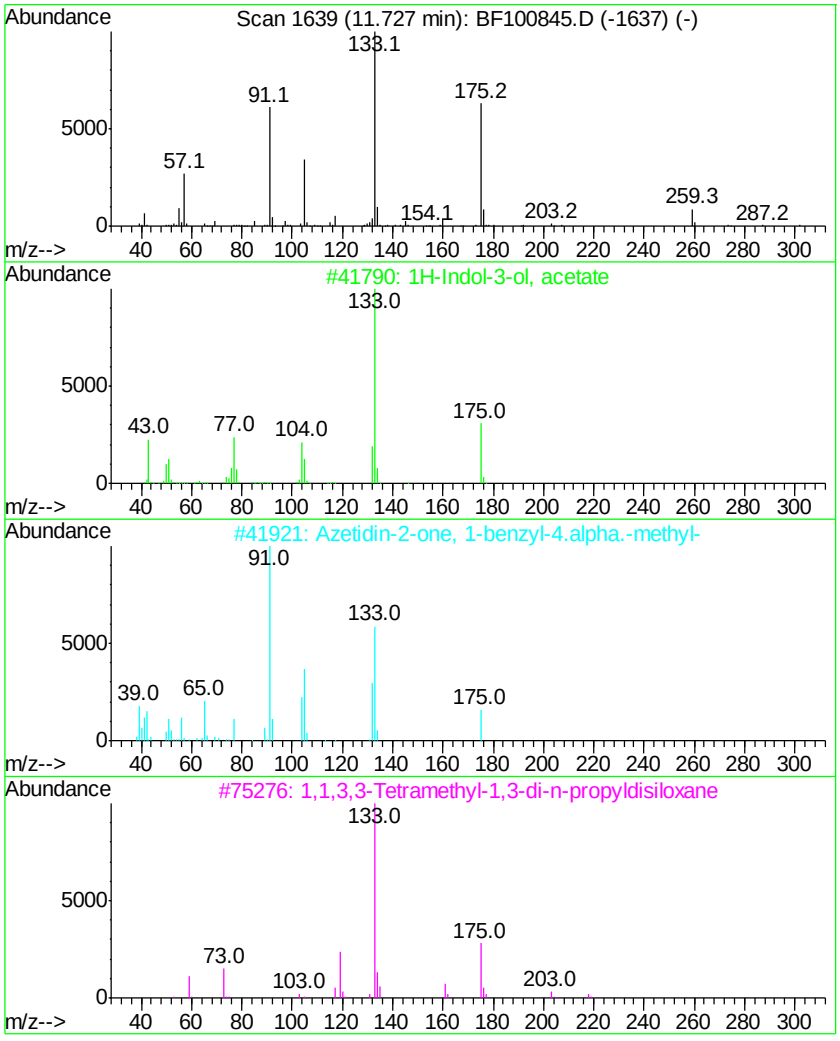
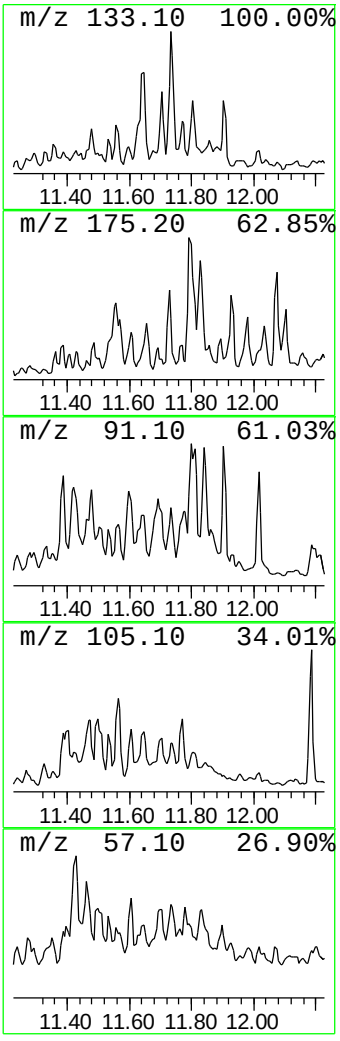
Peak Number 8 1H-Indol-3-ol, acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	12.92 ng	889759	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indol-3-ol, acetate	175	C10H9NO2	000608-08-2	59
2	Azetidin-2-one, 1-benzyl-4.alpha...	175	C11H13NO	004391-83-7	50
3	1,1,3,3-Tetramethyl-1,3-di-n-pro...	218	C10H26OSi2	018001-73-5	45
4	6-Aminoindazole	133	C7H7N3	006967-12-0	42
5	Benzene, 1-isocyanato-2-methyl-	133	C8H7NO	000614-68-6	40





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Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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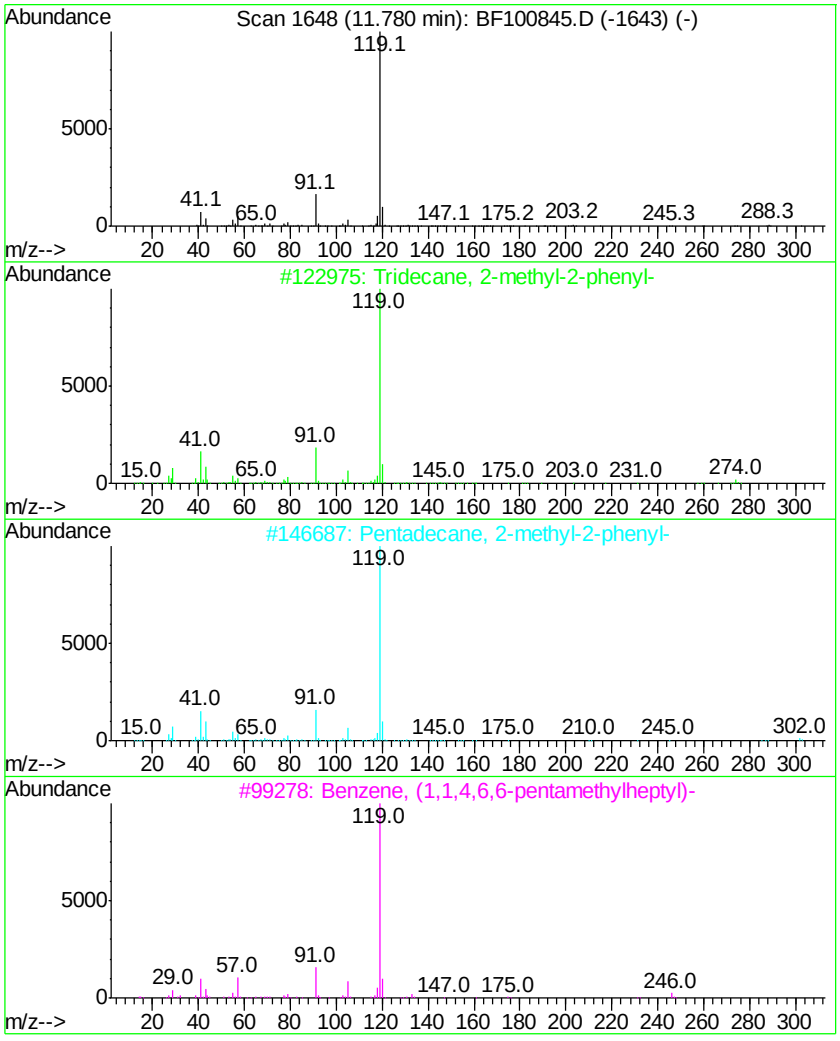
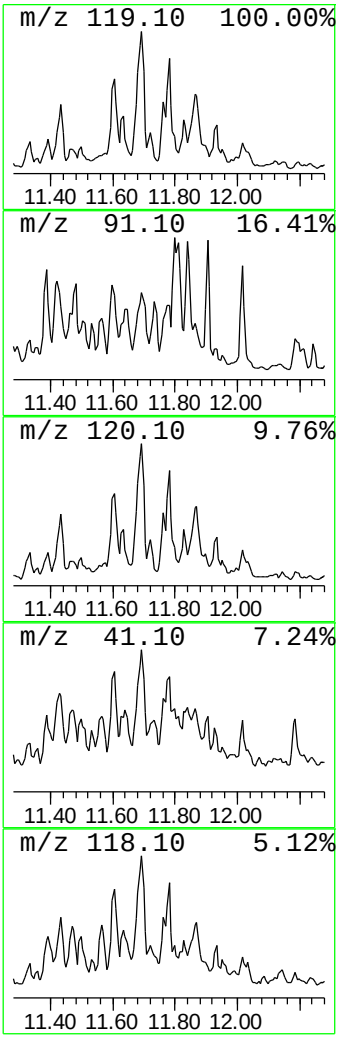
Peak Number 9 Tridecane, 2-methyl-2-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	22.84 ng	1573400	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-2-phenyl-	274	C20H34	027854-41-7	86
2	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	83
3	Benzene, (1,1,4,6,6-pentamethylh...	246	C18H30	055134-07-1	78
4	Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	64
5	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	64





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Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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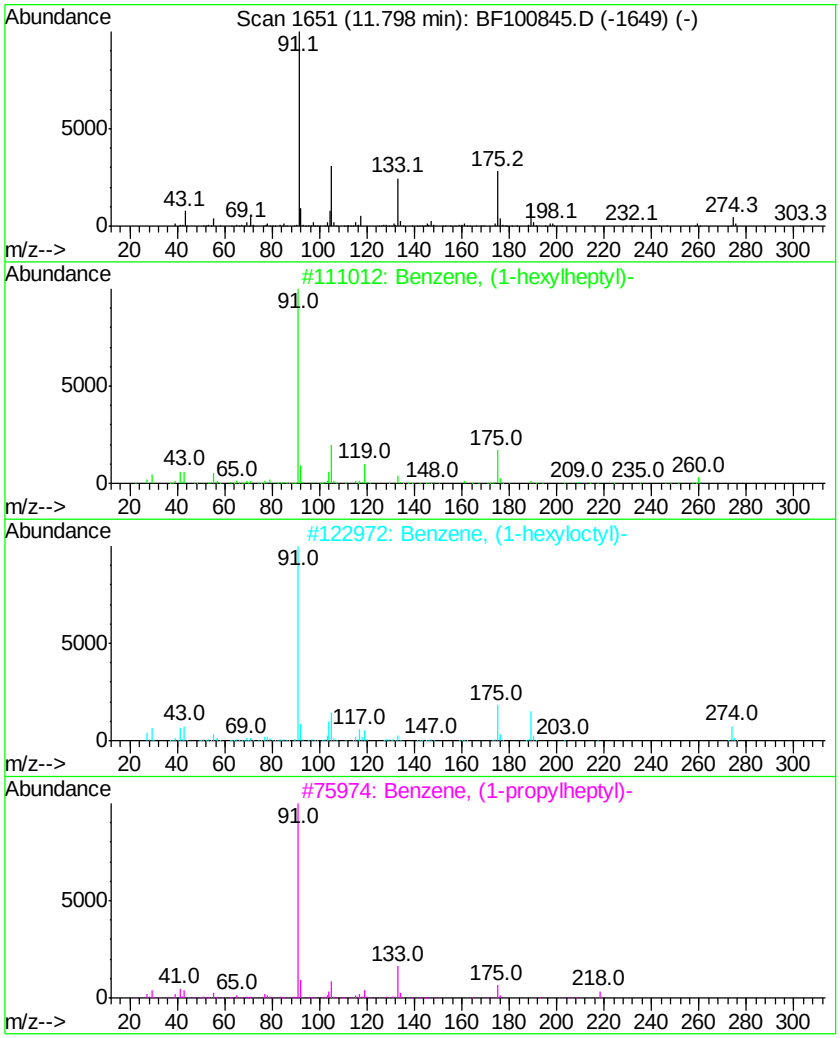
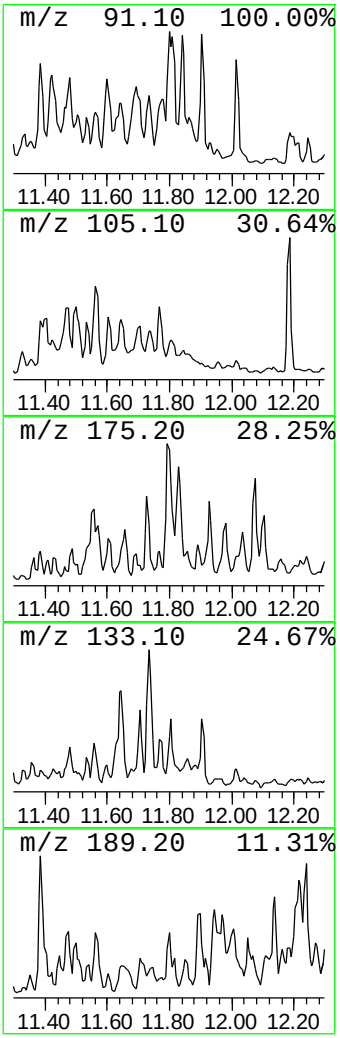
Peak Number 10 Benzene, (1-hexylheptyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	18.77 ng	1292770	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	53
2	Benzene, (1-hexyloctyl)-	274	C20H34	004534-54-7	50
3	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	40
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	38
5	1H-Tetrazol-5-amine, 1-(phenylme...	175	C8H9N5	031694-90-3	35





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Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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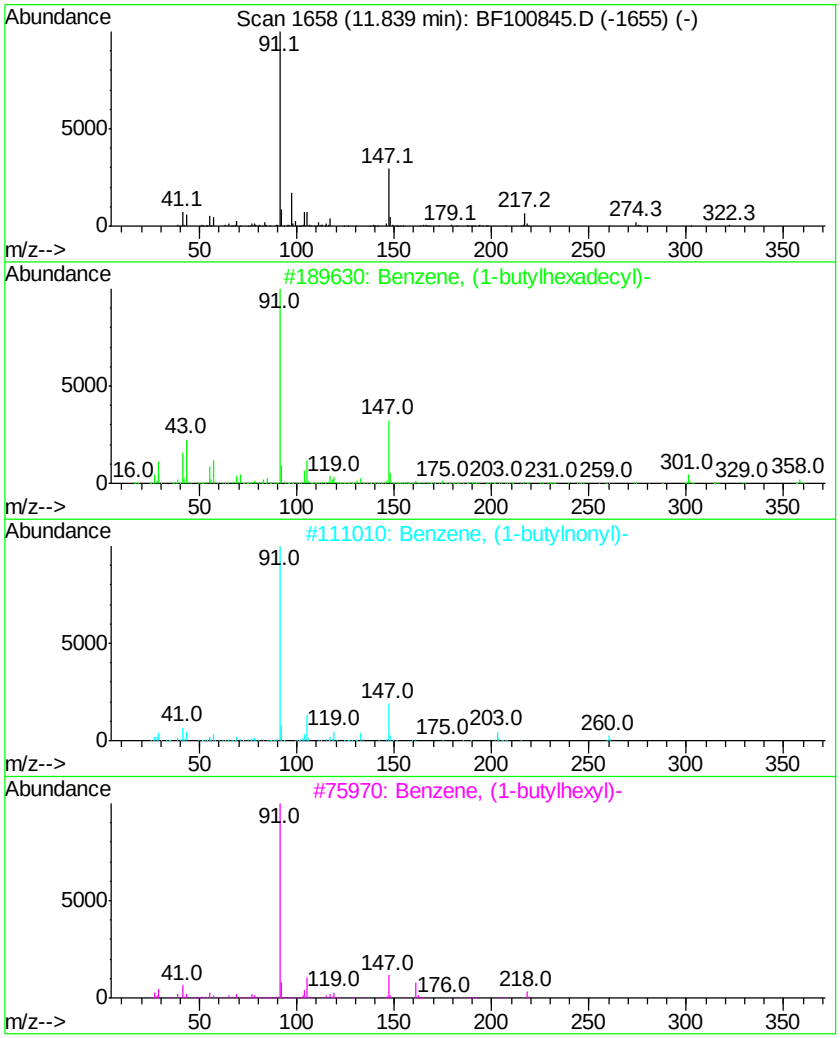
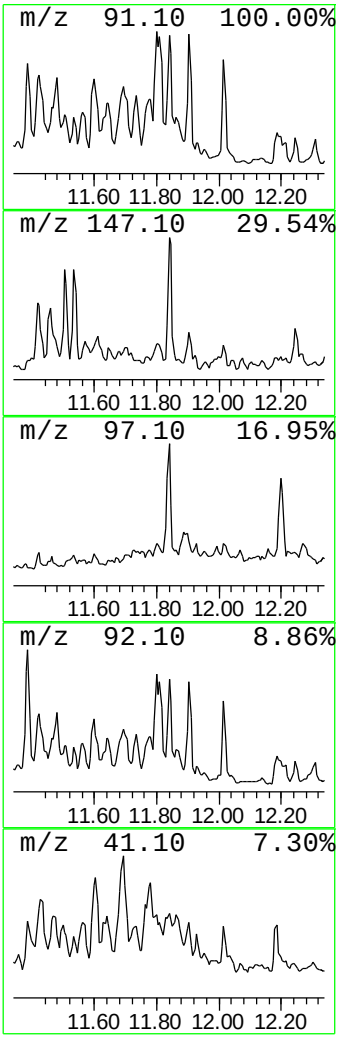
Peak Number 11 unknown11.84 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	14.54 ng	1001360	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexadecyl)-	358	C26H46	002400-04-6	45
2	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	45
3	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	38
4	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	38
5	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	38





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Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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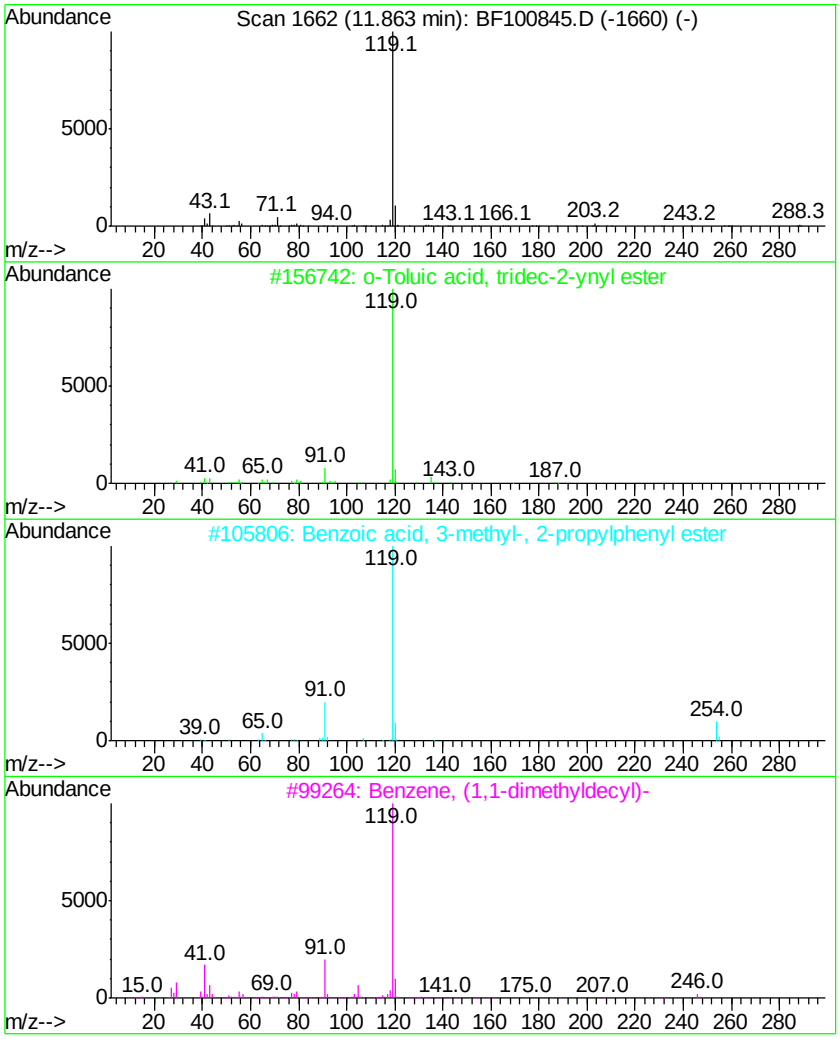
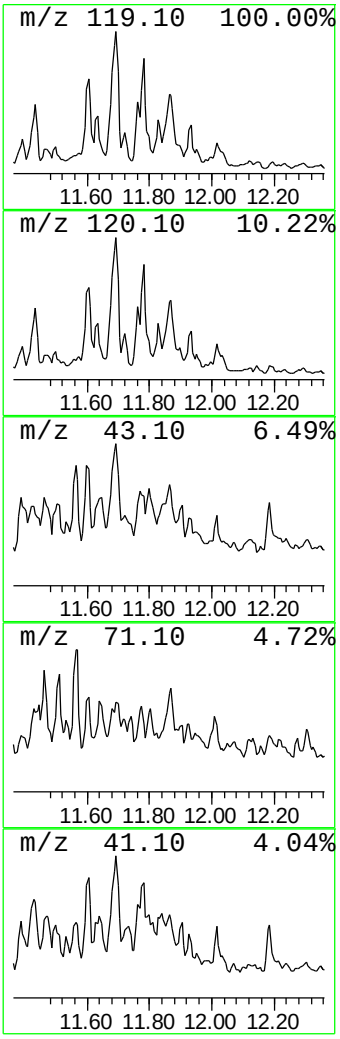
Peak Number 12 unknown11.86 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	12.14 ng	836120	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Toluic acid, tridec-2-ynyl ester	314	C21H30O2	1000292-51-7	9
2	Benzoic acid, 3-methyl-, 2-propy...	254	C17H18O2	1000355-71-1	9
3	Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	9
4	Pentadecane, 2-methyl-2-phenyl-	302	C22H38	029138-94-1	9
5	1,3-Benzenediol, o-(2-methylbenz...	352	C22H24O4	1000330-73-9	9





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Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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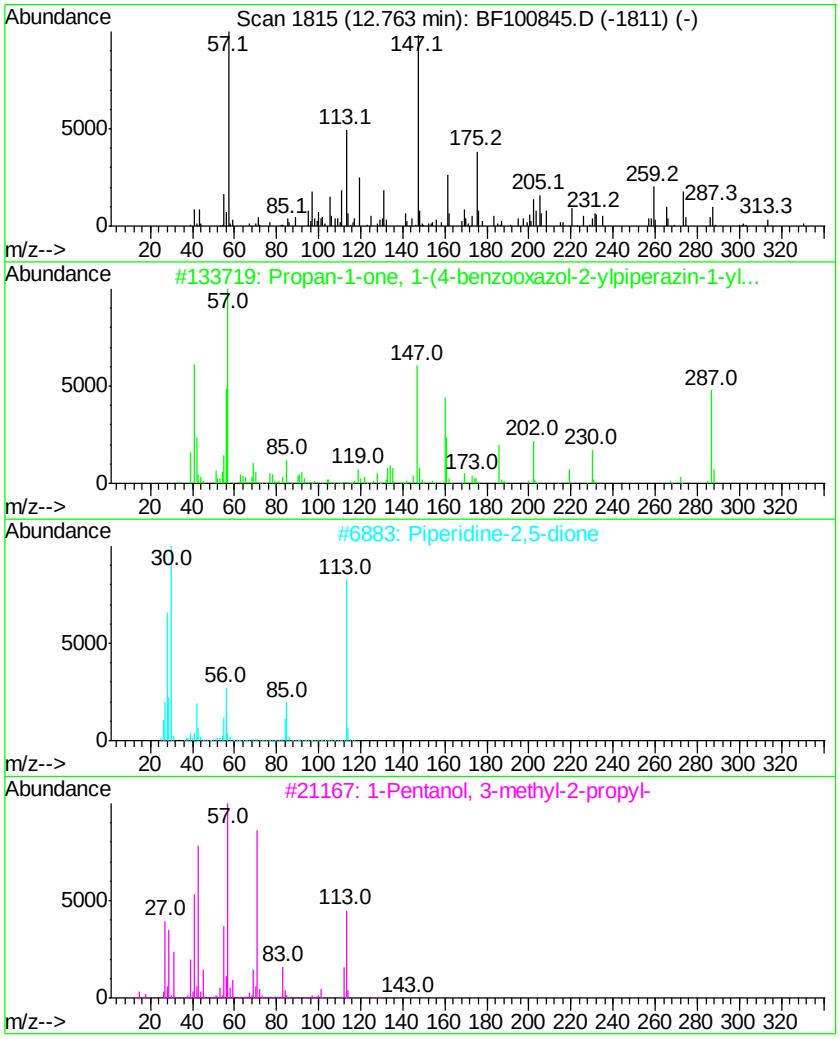
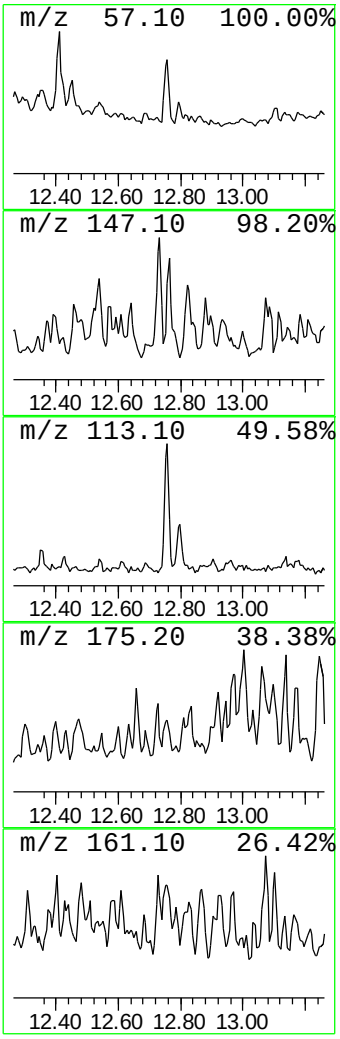
Peak Number 14 unknown12.76 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	7.43 ng	182102	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propan-1-one, 1-(4-benzooxazol-2...	287	C16H21N3O2	1000311-26-8	9
2	Piperidine-2,5-dione	113	C5H7NO2	052065-78-8	9
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	9
4	Disulfide, bis(1,1,3,3-tetrameth...	290	C16H34S2	029956-99-8	9
5	Caprolactam	113	C6H11NO	000105-60-2	8





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Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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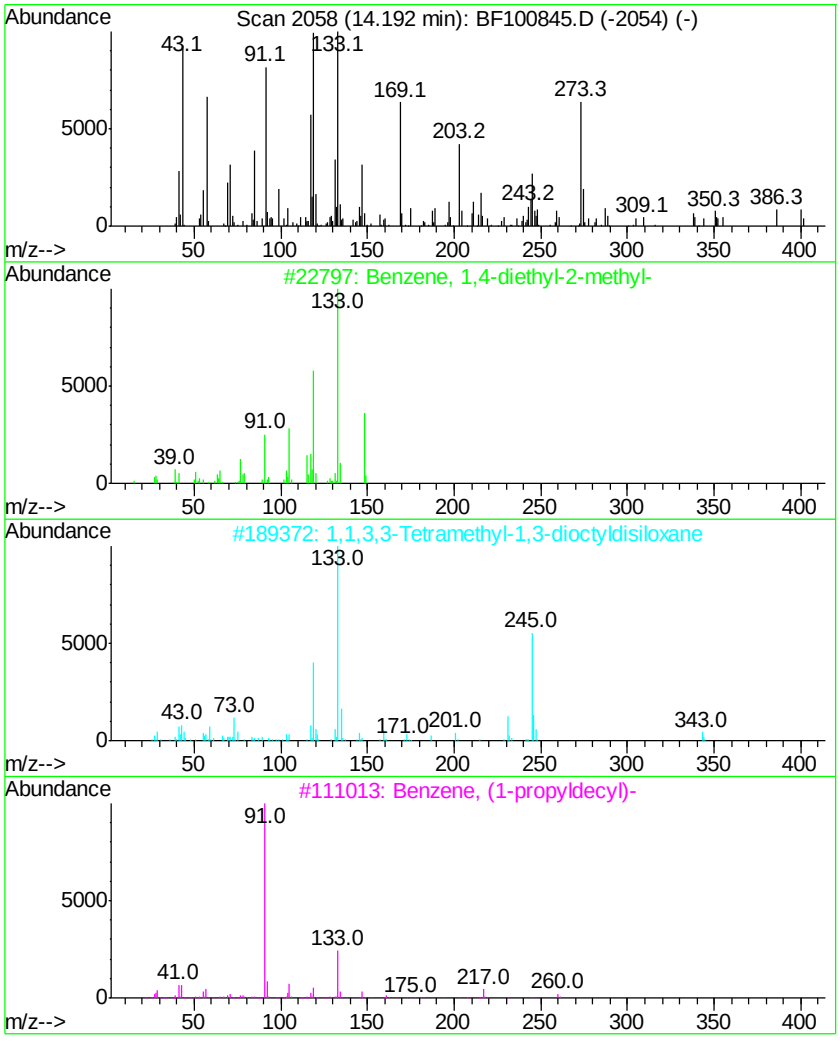
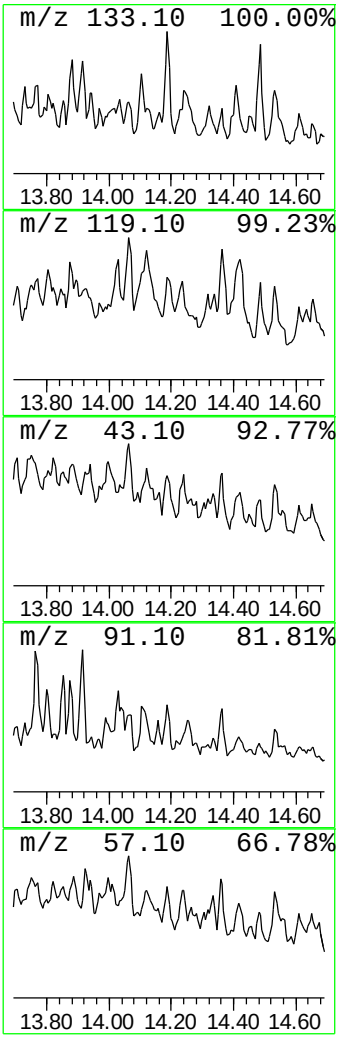
Peak Number 15 unknown14.19 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	9.69 ng	237418	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	35
2	1,1,3,3-Tetramethyl-1,3-dioctyld...	358	C20H46OSi2	018642-94-9	35
3	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	22
4	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	14
5	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	12





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Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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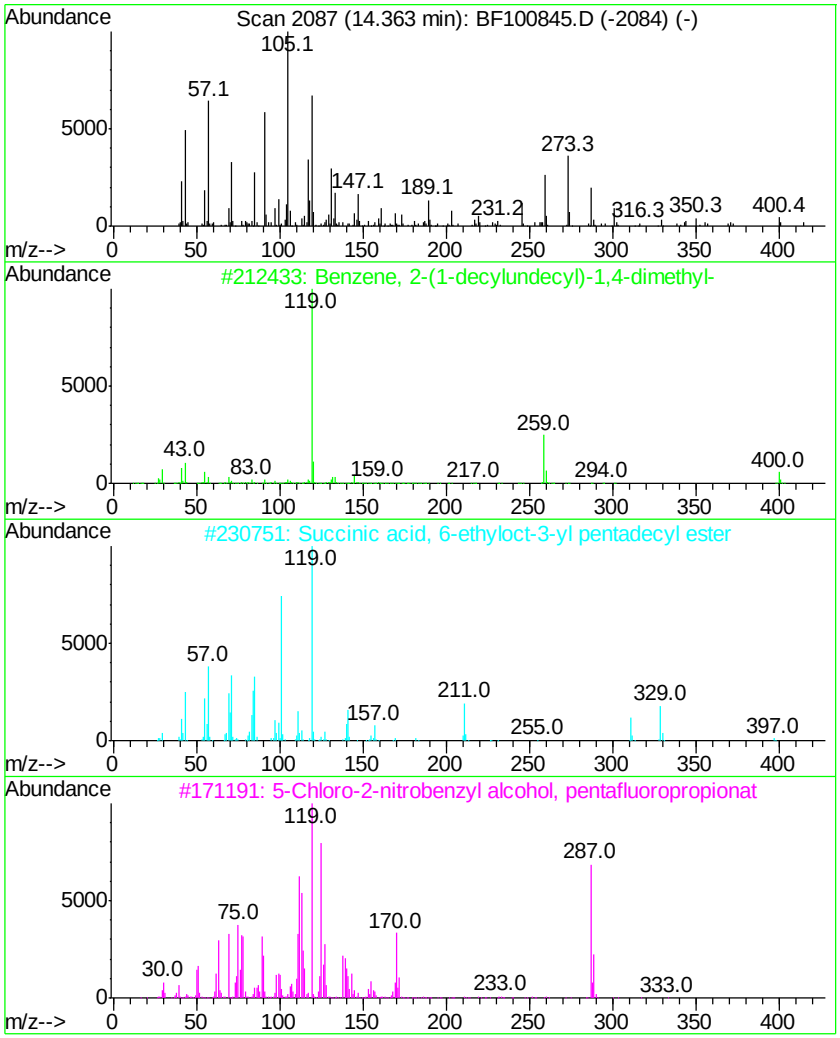
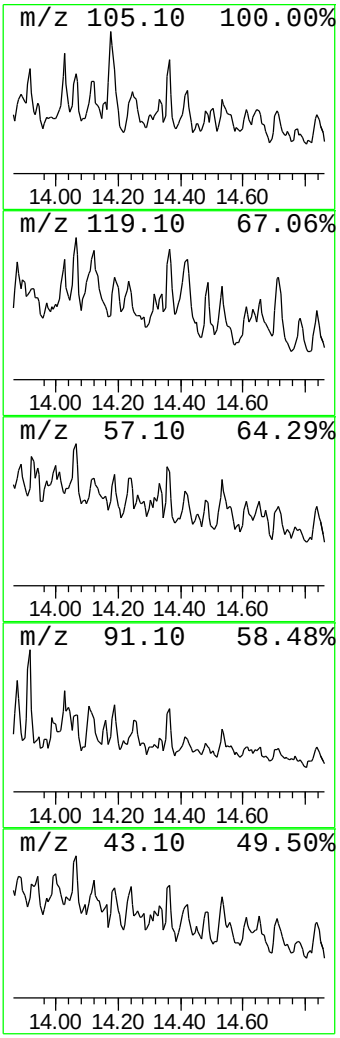
Peak Number 16 unknown14.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	9.82 ng	240538	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	18
2	Succinic acid, 6-ethyloct-3-yl p...	468	C29H56O4	1000324-93-2	14
3	5-Chloro-2-nitrobenzyl alcohol, ...	333	C10H5ClF5NO4	1000364-26-3	14
4	Tolcapone	273	C14H11NO5	134308-13-7	14
5	3-(4-Cyanomethyl-1H-pyrrol-3-yl)...	159	C9H9N3	106491-24-1	11





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Misc :
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Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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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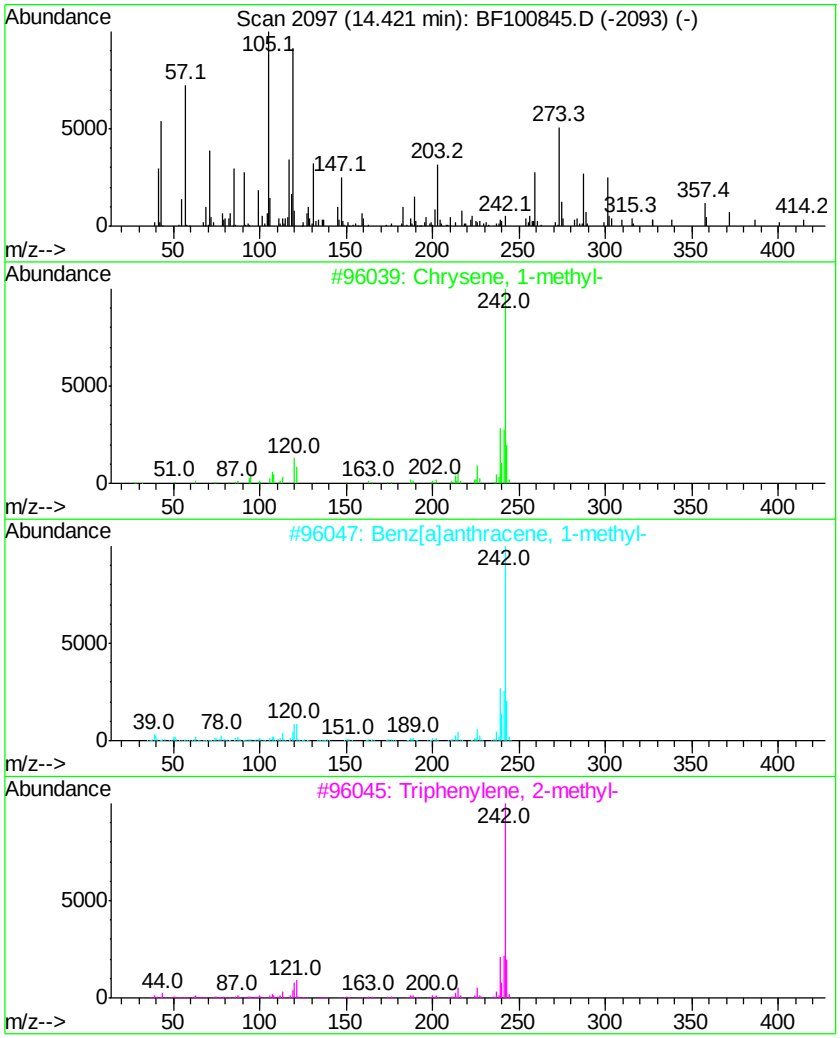
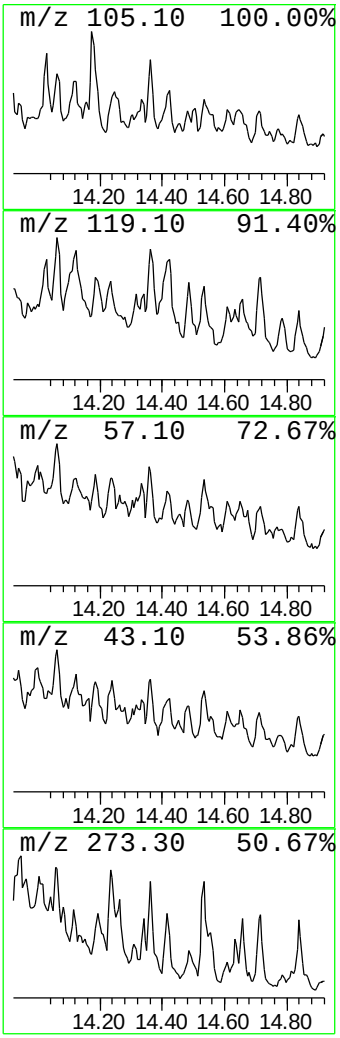
Peak Number 17 Chrysene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	8.86 ng	217192	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	50
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	47
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	42
4	2-Methylchrysene	242	C19H14	003351-32-4	30
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	30





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Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
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TIC Library : C:\DATABASE\NIST11.L
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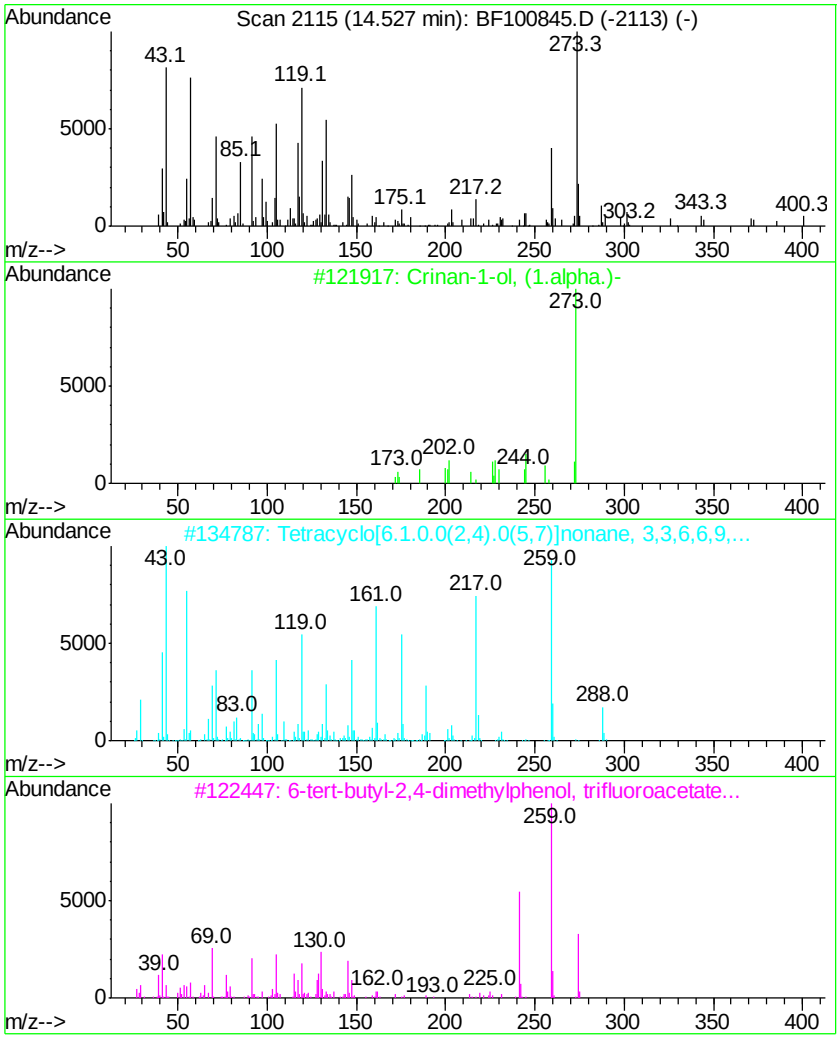
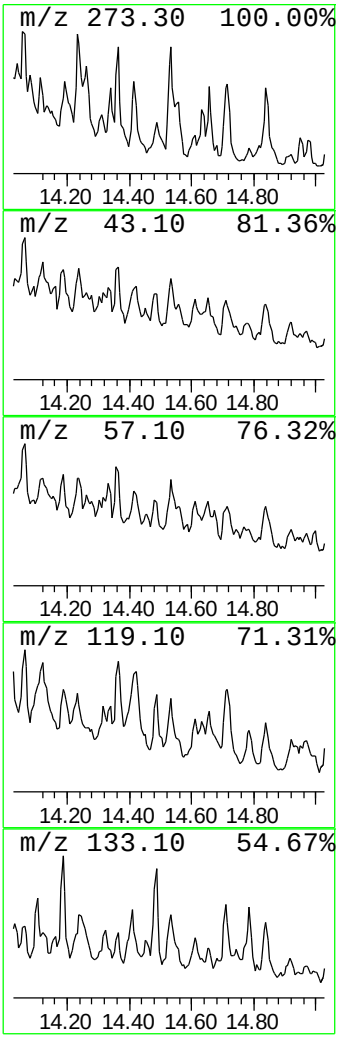
Peak Number 18 unknown14.53 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.57 ng	234441	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crinan-1-ol, (1.alpha.)-	273	C16H19NO3	041928-89-6	22
2	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	288	C21H36	078578-98-0	18
3	6-tert-butyl-2,4-dimethylphenol,...	274	C14H17F3O2	1000376-41-4	11
4	Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	11
5	Silane, dimethylnonyloxybutyloxy-	274	C15H34O2Si	1000356-04-6	10





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Instrument : BNA_F
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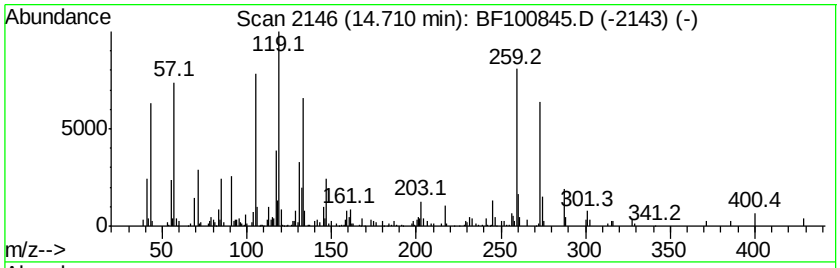
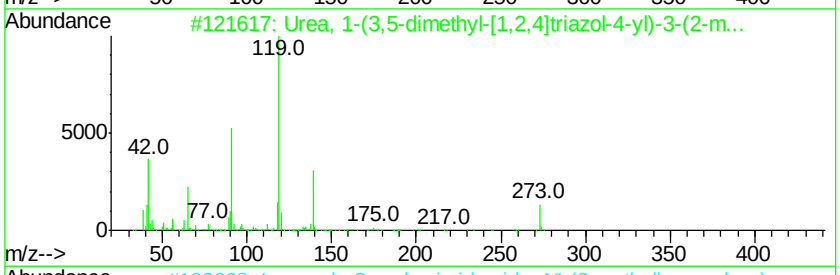
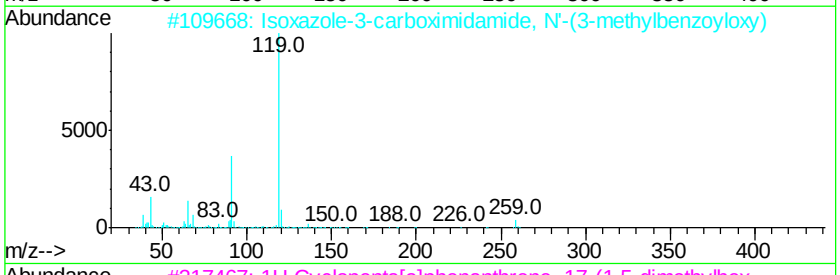
Peak Number 19 unknown14.71 Concentration Rank 17

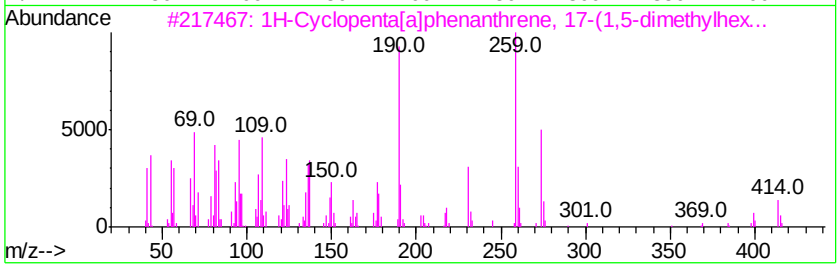
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	9.12 ng	223565	Chrysene-d12	14.03

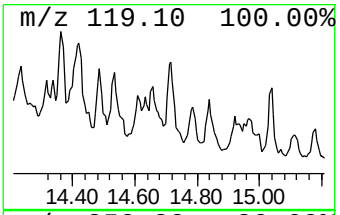
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Urea, 1-(3,5-dimethyl-[1,2,4]tri...	273	C13H15N5O2	1000316-83-5	38
2	Isoxazole-3-carboximidamide, N'-...	259	C13H13N3O3	263869-49-4	38
3	1H-Cyclopenta[a]phenanthrene, 17...	414	C30H54	000474-20-4	35
4	Tolcapone	273	C14H11NO5	134308-13-7	30
5	1H-Indene-4-acetic acid, 6-(1,1-...	274	C18H26O2	055591-15-6	18

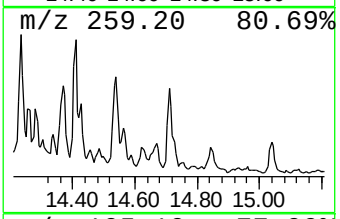


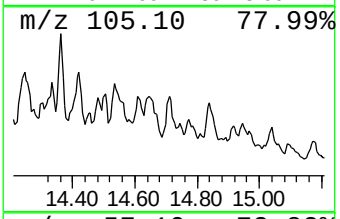


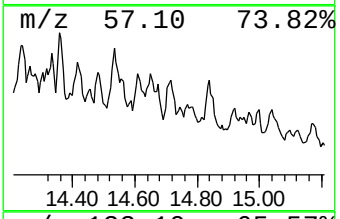


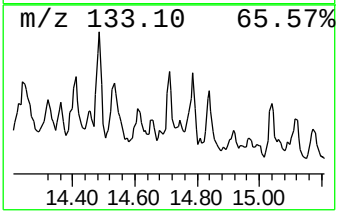












Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100845.D
Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

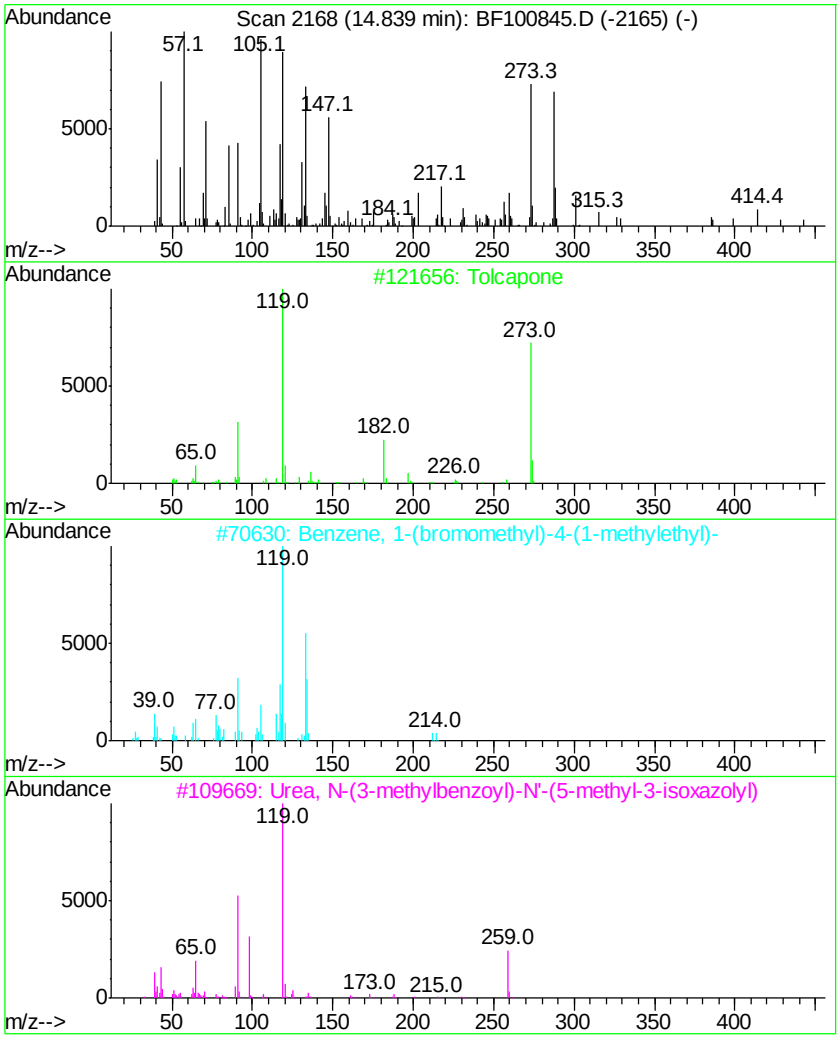
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

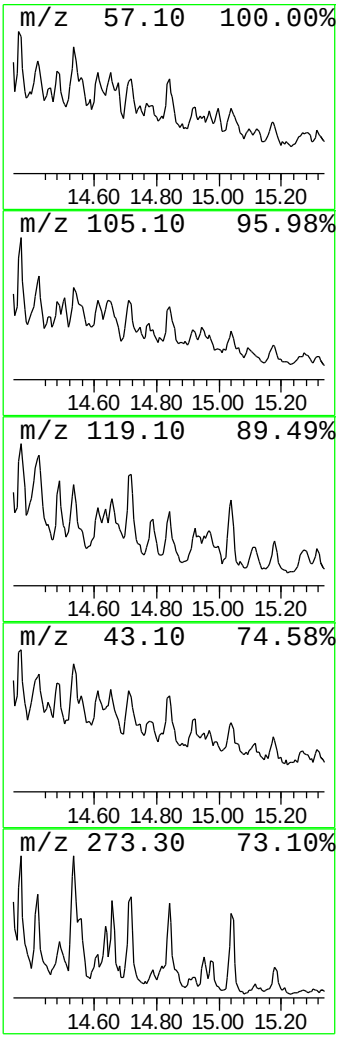
****

Peak Number 20 unknown14.84 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	10.33 ng	232895	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	25
2	Benzene, 1-(bromomethyl)-4-(1-me...	212	C10H13Br	073789-86-3	16
3	Urea, N-(3-methylbenzoyl)-N'-(5-...	259	C13H13N3O3	1000320-00-2	11
4	2,5-Pyrrolidinedione, 1-[(2-meth...	233	C12H11NO4	110920-14-4	11
5	Diazoxon	288	C12H21N2O4P	000962-58-3	11





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100845.D
Acq On : 23 Nov 2017 1:15
Operator : SJ/JU
Sample : I6517-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HP-WC(COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.63	6.63	17.6	ng	363187	1	6.86	411927	20.0
unknown11.56	11.56	15.3	ng	1056330	4	11.39	1377520	20.0
Benzene, (1,1,4,6...	11.60	22.5	ng	1549300	4	11.39	1377520	20.0
3-Chlorophenyl-.b...	11.64	18.3	ng	1258200	4	11.39	1377520	20.0
Benzene, (1,1-dim...	11.69	35.1	ng	2416320	4	11.39	1377520	20.0
1H-Indol-3-ol, ac...	11.73	12.9	ng	889759	4	11.39	1377520	20.0
Tridecane, 2-meth...	11.78	22.8	ng	1573400	4	11.39	1377520	20.0
Benzene, (1-hexyl...	11.80	18.8	ng	1292770	4	11.39	1377520	20.0
unknown11.84	11.84	14.5	ng	1001360	4	11.39	1377520	20.0
unknown11.86	11.86	12.1	ng	836120	4	11.39	1377520	20.0
unknown12.76	12.76	7.4	ng	182102	5	14.03	490076	20.0
unknown14.19	14.19	9.7	ng	237418	5	14.03	490076	20.0
unknown14.36	14.36	9.8	ng	240538	5	14.03	490076	20.0
Chrysene, 1-methyl-	14.42	8.9	ng	217192	5	14.03	490076	20.0
unknown14.53	14.53	9.6	ng	234441	5	14.03	490076	20.0
unknown14.71	14.71	9.1	ng	223565	5	14.03	490076	20.0
unknown14.84	14.84	10.3	ng	232895	6	15.50	450942	20.0