LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

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-BF010918.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	4.934	475	484	493	rBV	188135	291688	7.59%	0.710%
2	5.334	547	552	556	rBV	3239731	3797848	98.76%	9.239%
3	6.363	721	727	731	rBV	3311745	3786585	98.47%	9.211%
4	6.492	744	749	752	rBV	3866717	3845475	100.00%	9.354%
5	6.545	756	758	764	rVB2	32805	40066	1.04%	0.097%
6	6.722	784	788	791	rBV	1108169	927655	24.12%	2.257%
7	6.875	810	814	817	rBV	3110762	2946358	76.62%	7.167%
8	7.286	873	884	887	rBV	2328692	2441481	63.49%	5.939%
9	8.004	998	1006	1008	rBV	1330245	1265807	32.92%	3.079%
10	8.022	1008	1009	1012	rVB	338305	188732	4.91%	0.459%
11	8.557	1095	1100	1104	rBV	281430	226231	5.88%	0.550%
12	8.710	1123	1126	1130	rVB	127918	103940	2.70%	0.253%
13	8.810	1139	1143	1148	rBV	74491	68152	1.77%	0.166%
14	9.080	1183	1189	1192	rBV	4099012	3601324	93.65%	8.761%
15	9.410	1241	1245	1248	rBV2	44661	42576	1.11%	0.104%
16	9.475	1252	1256	1259	rBV	540928	442349	11.50%	1.076%
17	9.616	1277	1280	1283	rBV	41145	41157	1.07%	0.100%
18	9.751	1296	1303	1307	rBV	1227652	1187127	30.87%	2.888%
19	9.786	1307	1309	1312	rVB	158074	116696	3.03%	0.284%
20	9.957	1334	1338	1341	rVB	105652	86958	2.26%	0.212%
21	10.298	1393	1396	1401	rVB	151889	127238	3.31%	0.310%
22	10.469	1420	1425	1428	rBV	1085704	891531	23.18%	2.169%
23	10.545	1433	1438	1441	rBV	1973567	1889532	49.14%	4.596%
24	10.669	1454	1459	1462	rBV3	59405	80420	2.09%	0.196%
25	10.980	1507	1512	1513	rBV4	41515	50415	1.31%	0.123%
26	11.004	1513	1516	1519	rVB3	40019	47936	1.25%	0.117%
27	11.133	1535	1538	1543	rVB2	77582	78179	2.03%	0.190%
28	11.180	1543	1546	1550	rBV	112619	103704	2.70%	0.252%
29	11.233	1550	1555	1557	rVV	1047010	969582	25.21%	2.359%
30	11.257	1557	1559	1565	rVV	773139	728557	18.95%	1.772%
31	11.310	1565	1568	1570	rVV	164301	131431	3.42%	0.320%
32	11.339	1570	1573	1576	rVB	120142	102894	2.68%	0.250%
33	11.451	1588	1592	1594	rBV	159498	155265	4.04%	0.378%
34	11.621	1618	1621	1624	rBV	431424	324509	8.44%	0.789%

LSC Area Percent Report

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Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.651	1624	1626	1631	rVB4	57513	77364	2.01%	0.188%
36	11.698	1631	1634	1637	rBV	54604	49053	1.28%	0.119%
37	11.733	1637	1640	1642	rBV	88352	73736	1.92%	0.179%
38	11.763	1642	1645	1648	rVB	186037	151729	3.95%	0.369%
39	11.845	1656	1659	1661	rBV	131269	115078	2.99%	0.280%
40	11.868	1661	1663	1667	rVB2	95122	87069	2.26%	0.212%
41	12.039	1688	1692	1698	rVB2	133385	195849	5.09%	0.476%
42	12.286	1731	1734	1737	rBV3	54583	54634	1.42%	0.133%
43	12.321	1737	1740	1745	rVV5	40265	66127	1.72%	0.161%
44	12.368	1745	1748	1752	rVB2	37787	47654	1.24%	0.116%
45	12.445	1757	1761	1764	rBV	967393	819658	21.31%	1.994%
46	12.674	1794	1800	1802	rBV	718263	766410	19.93%	1.864%
47	12.692	1802	1803	1806	rVB3	54088	43464	1.13%	0.106%
48	12.792	1816	1820	1821	rBV2	56705	72137	1.88%	0.175%
49	12.821	1821	1825	1828	rVB	2333336	2054492	53.43%	4.998%
50	12.998	1852	1855	1858	rVB	120354	118543	3.08%	0.288%
51	13.063	1862	1866	1869	rVB2	76524	113698	2.96%	0.277%
52	13.104	1869	1873	1875	rBV2	82036	101899	2.65%	0.248%
53	13.192	1886	1888	1891	rBV2	47959	54545	1.42%	0.133%
54	13.262	1898	1900	1904	rBV5	39537	44812	1.17%	0.109%
55	13.304	1905	1907	1909	rBV3	45313	49942	1.30%	0.121%
56	13.398	1920	1923	1926	rVB2	64775	72160	1.88%	0.176%
57	13.615	1956	1960	1963	rBV4	94193	162635	4.23%	0.396%
58	13.680	1967	1971	1973	rVV2	87783	135826	3.53%	0.330%
59	13.715	1974	1977	1986	rVB4	242327	373950	9.72%	0.910%
60	13.868	1998	2003	2005	rBV2	928625	1138358	29.60%	2.769%
61	13.892	2005	2007	2009	rVV	384924	277887	7.23%	0.676%
62	13.915	2009	2011	2015	rVB3	88870	106407	2.77%	0.259%
63	13.974	2018	2021	2023	rBV2	67233	63200	1.64%	0.154%
64	14.039	2030	2032	2038	rVV3	124697	153080	3.98%	0.372%
65	14.092	2039	2041	2044	rVB3	85569	92814	2.41%	0.226%
66	14.215	2060	2062	2066	rBV5	74845	82618	2.15%	0.201%
67	14.345	2081	2084	2087	rBV	191172	180499	4.69%	0.439%
68	14.639	2132	2134	2137	rVB2	90263	71416	1.86%	0.174%
69	14.880	2171	2175	2178	rBV	392021	563995	14.67%	1.372%
70	14.957	2186	2188	2191	rBV2	91399	84417	2.20%	0.205%
71	15.168	2221	2224	2229	rVB	211969	250845	6.52%	0.610%

LSC Area Percent Report

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Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

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-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.227	2230	2234	2239	rVB	265791	311690	8.11%	0.758%
73	15.286	2240	2244	2247	rBV	575079	699430	18.19%	1.701%

Sum of corrected areas: 41108518

LSC Report - Integrated Chromatogram

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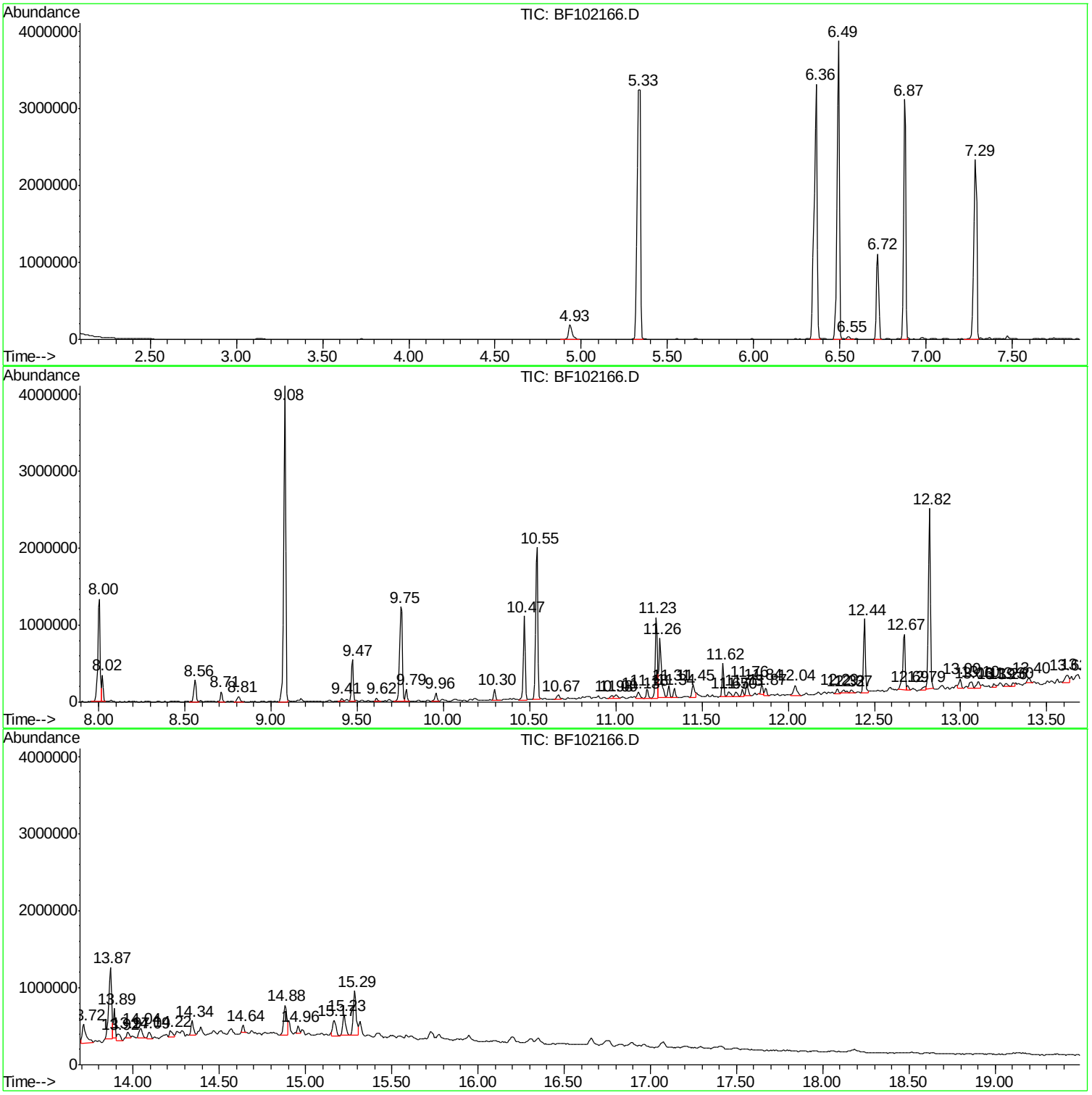
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

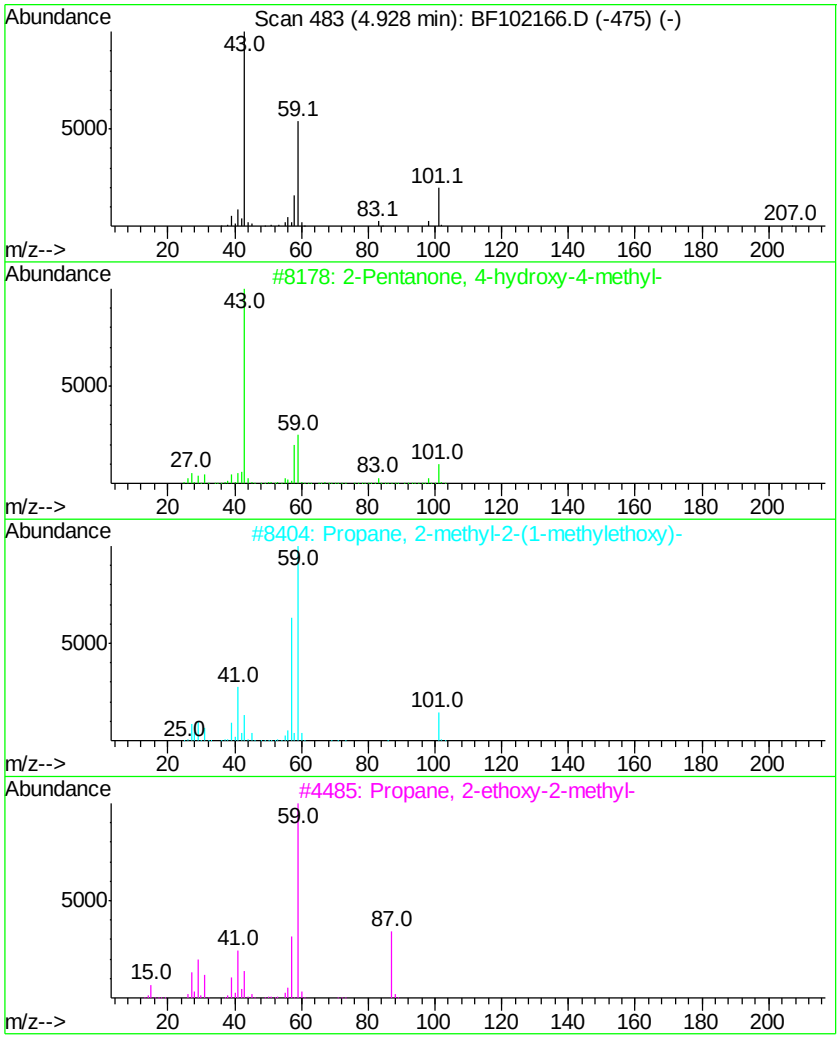
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

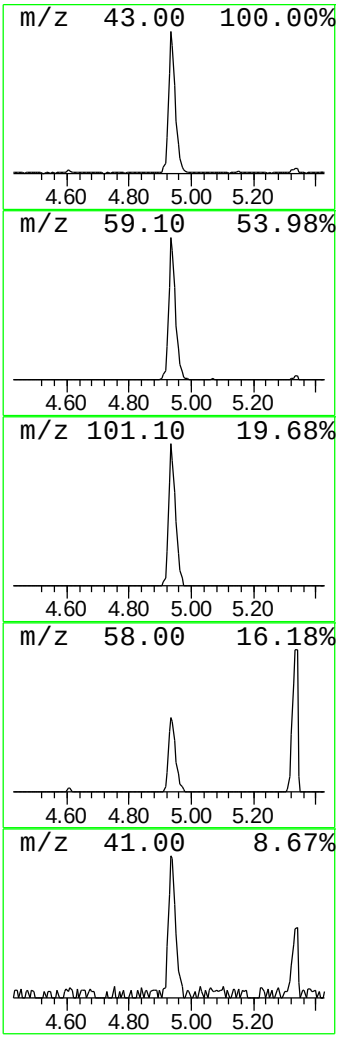
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	6.29 ng	291688	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
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Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

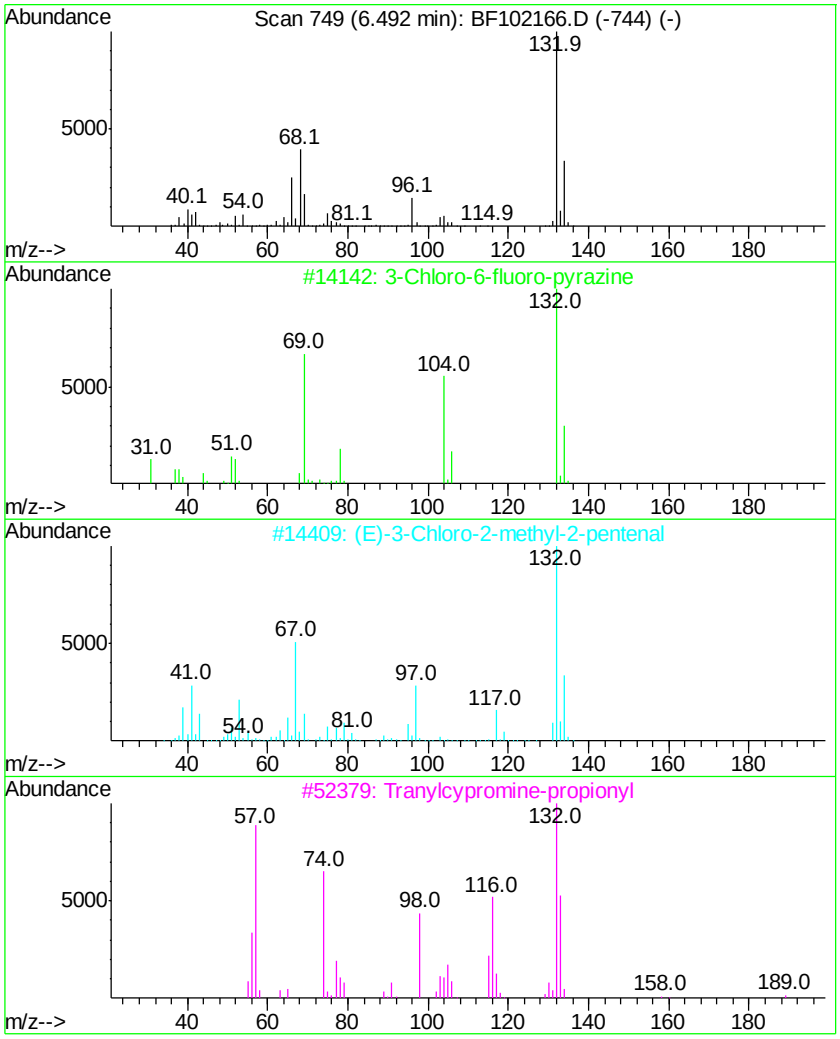
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

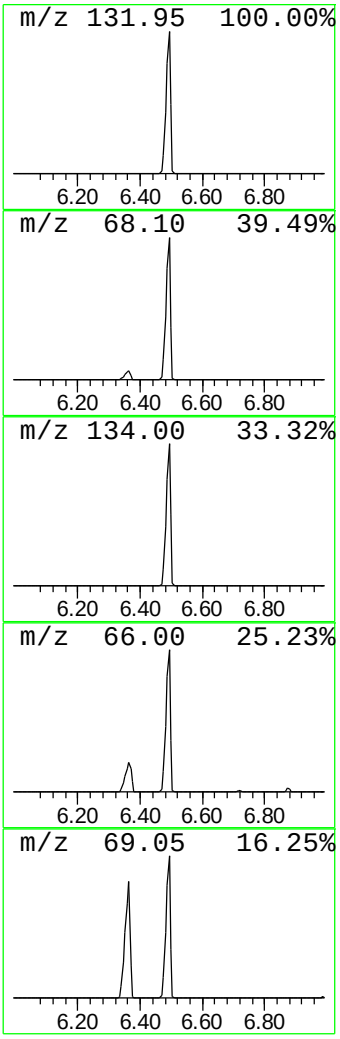
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	82.91 ng	3845480	1,4-Dichlorobenzene-d4	6.72

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
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Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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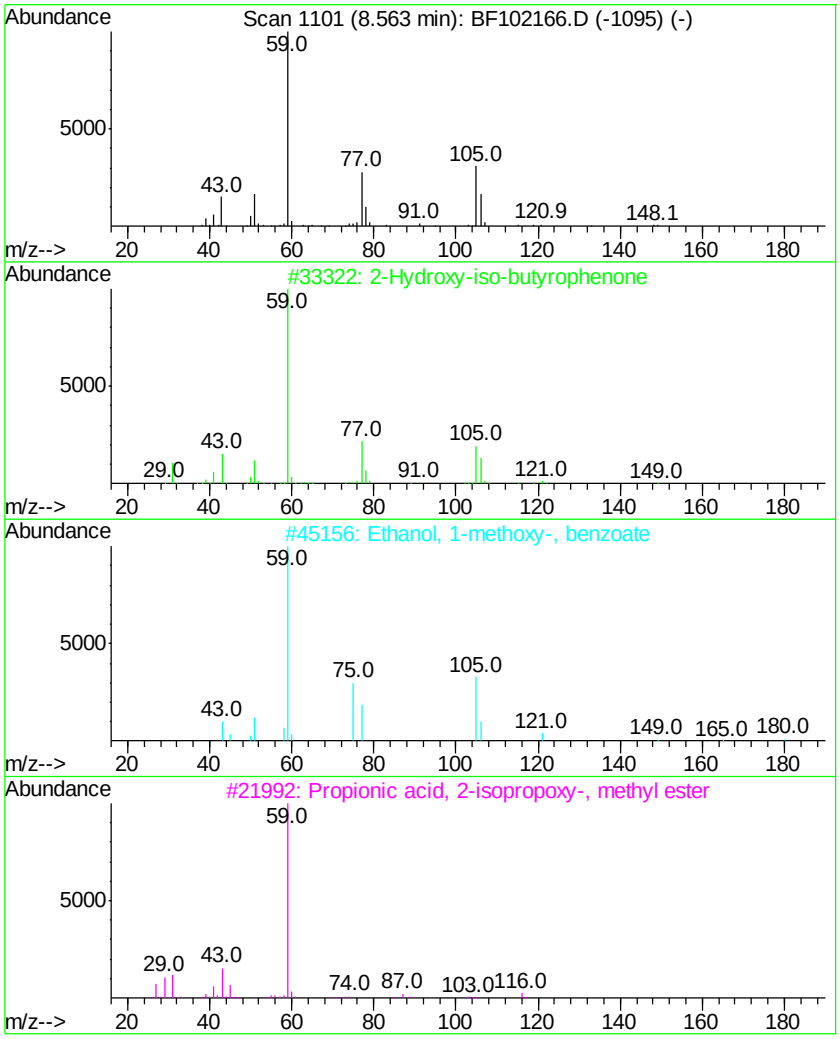
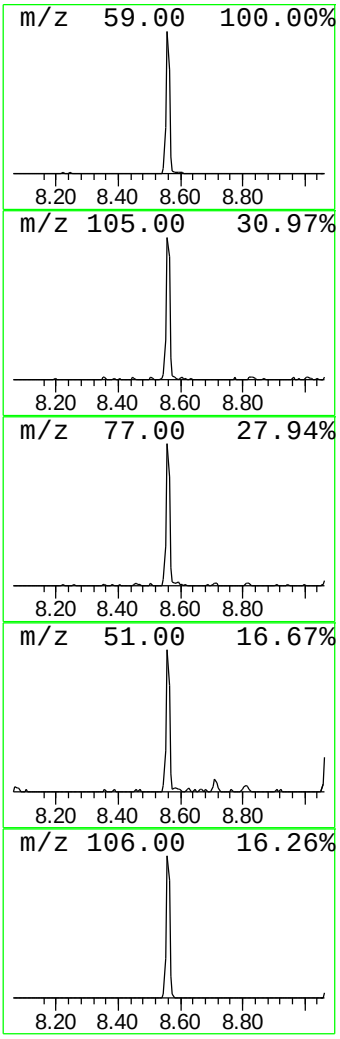
Peak Number 4 2-Hydroxy-iso-butyrophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	3.57 ng	226231	Naphthalene-d8	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	78
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
3	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23
4	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	9
5	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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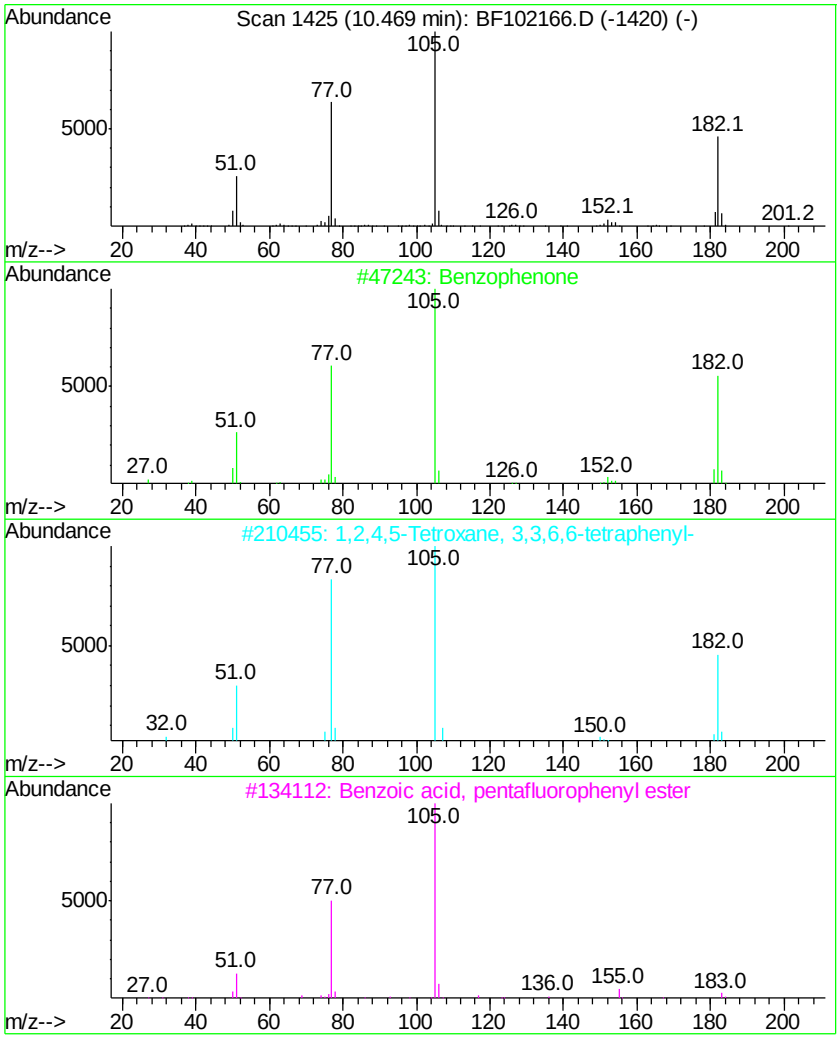
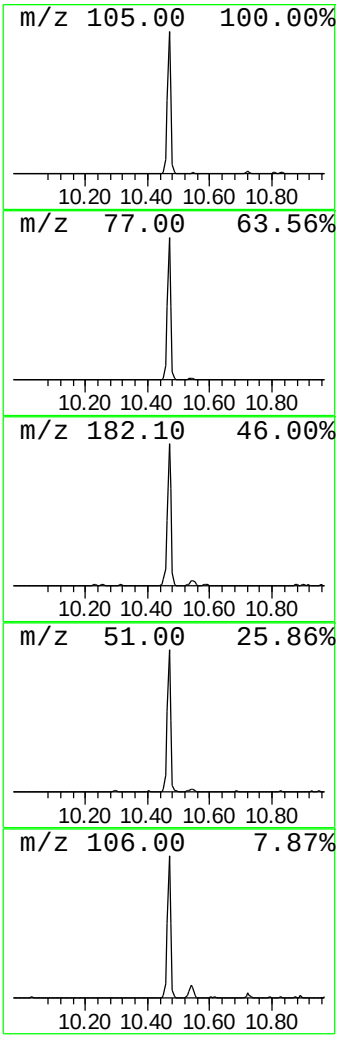
Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	15.02 ng	891531	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzoic acid, pentafluorophenyl ...	288	C13H5F5O2	1000360-67-9	50
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	50
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

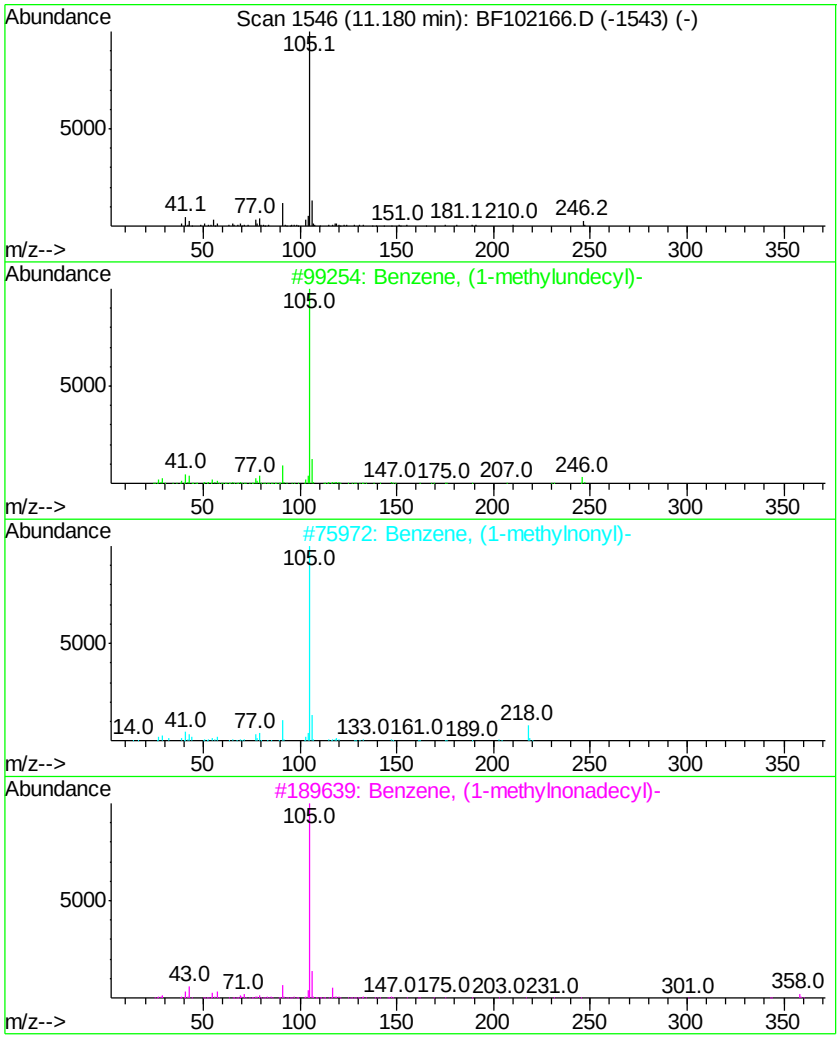
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

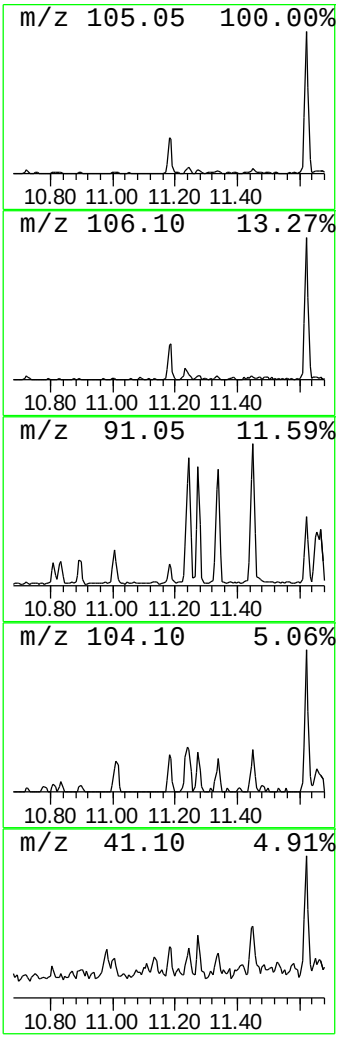
****

Peak Number 6 Benzene, (1-methylundecyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.14 ng	103704	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	87
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
3	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	64
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	59





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

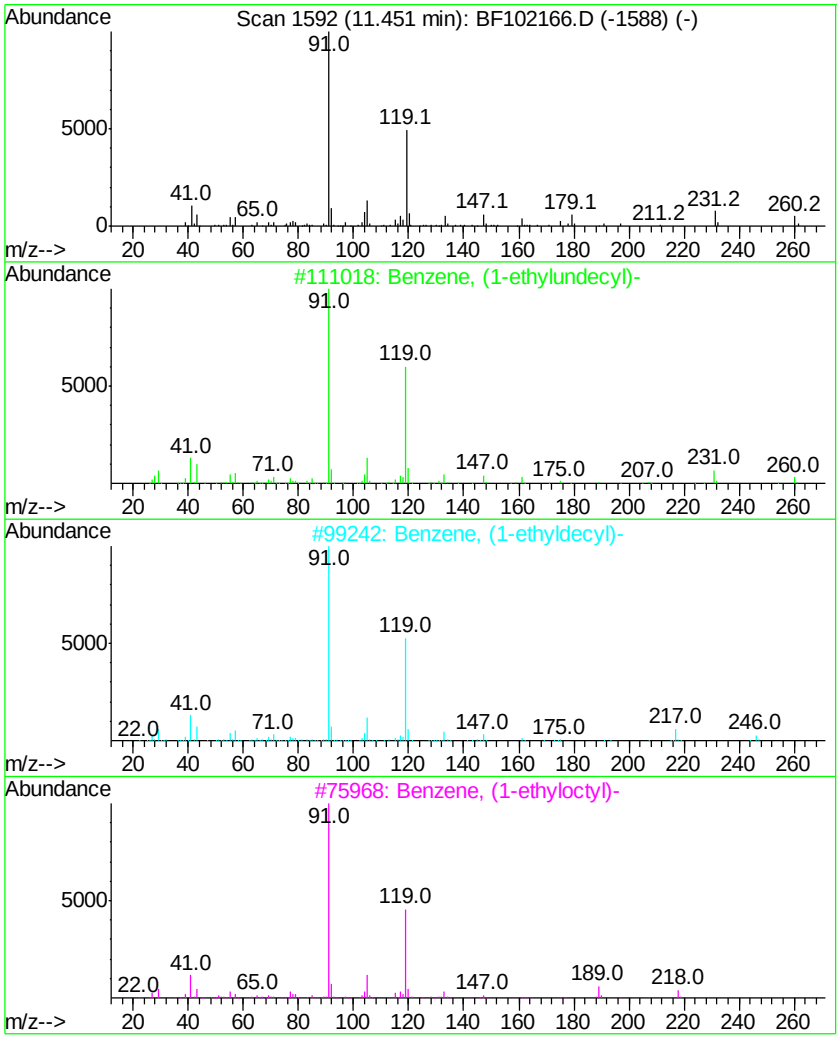
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

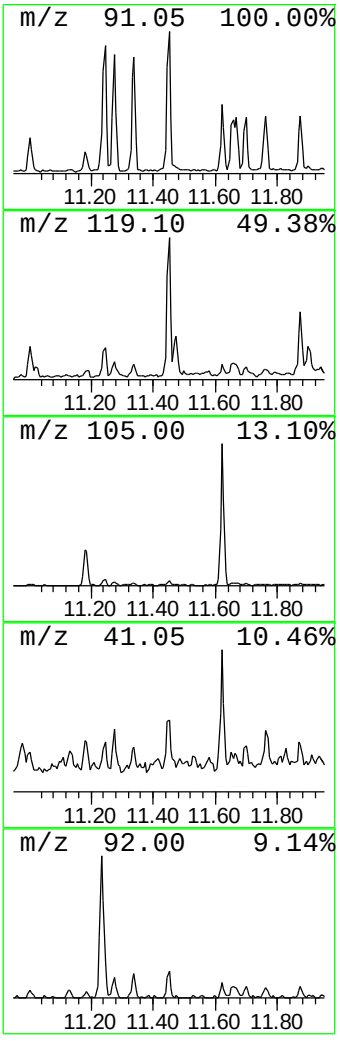
****

Peak Number 7 Benzene, (1-ethylundecyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	3.20 ng	155265	Phenanthrene-d10	11.23

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	64
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	58
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	53
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	53





Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

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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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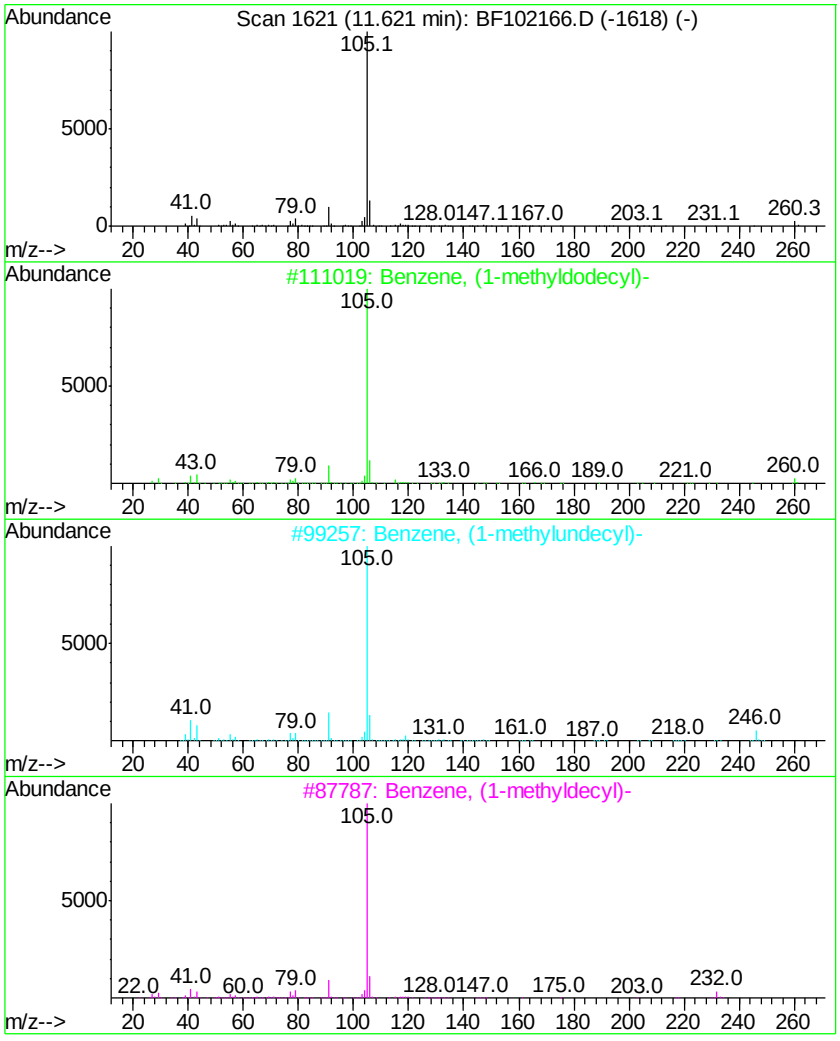
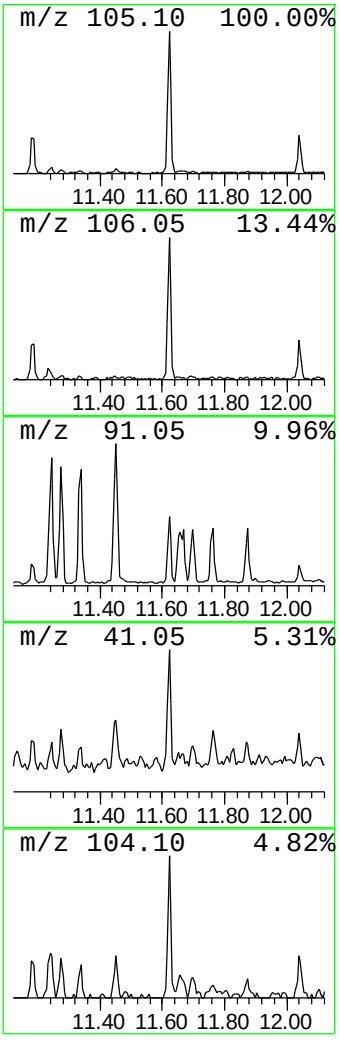
Peak Number 8 Benzene, (1-methyldodecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	6.69 ng	324509	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	93
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	78
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	72
4	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	64
5	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	64





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Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

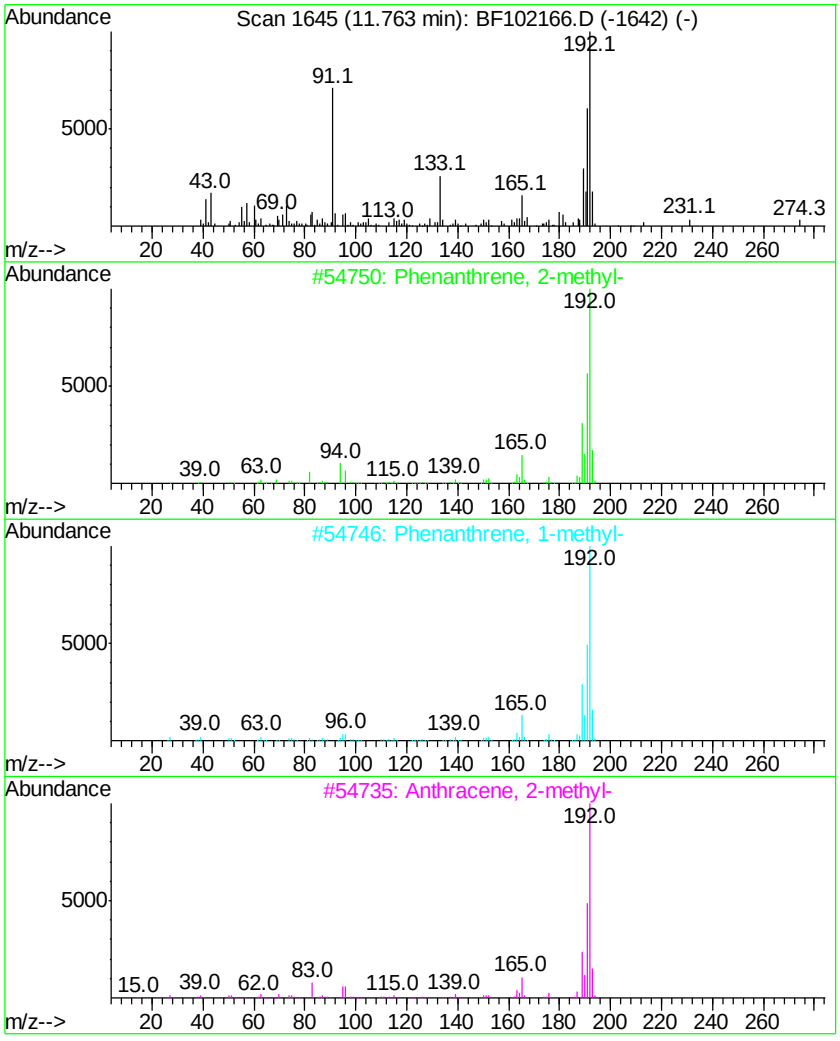
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

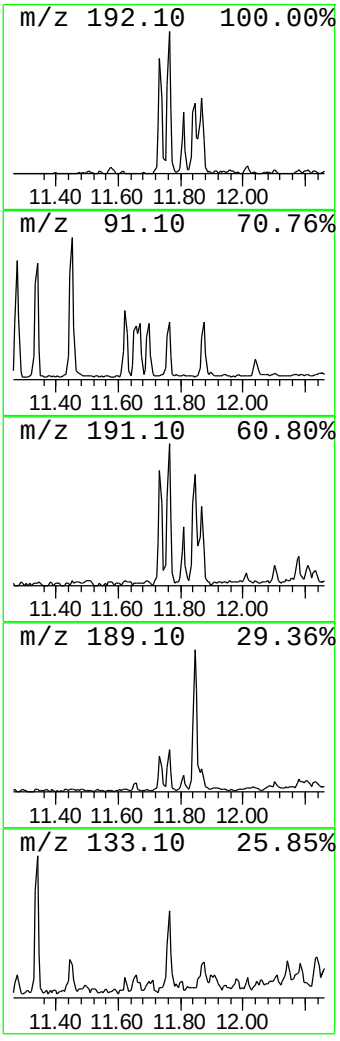
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.13 ng	151729	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





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Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

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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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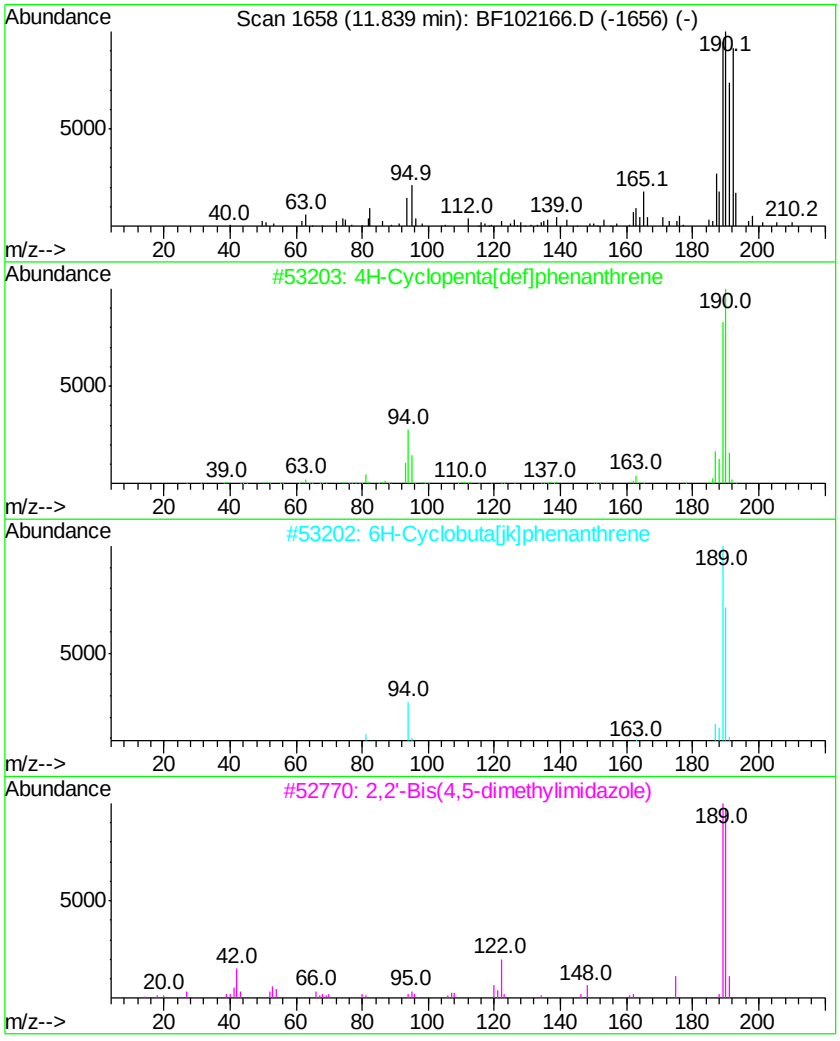
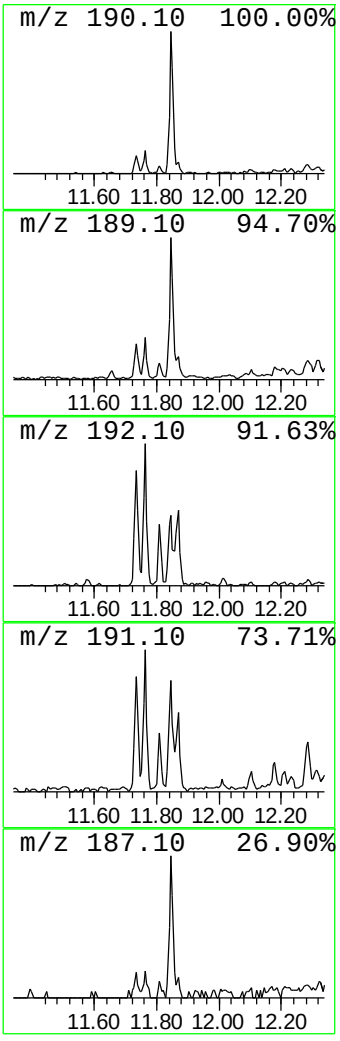
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	2.37 ng	115078	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25
4	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23
5	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	20





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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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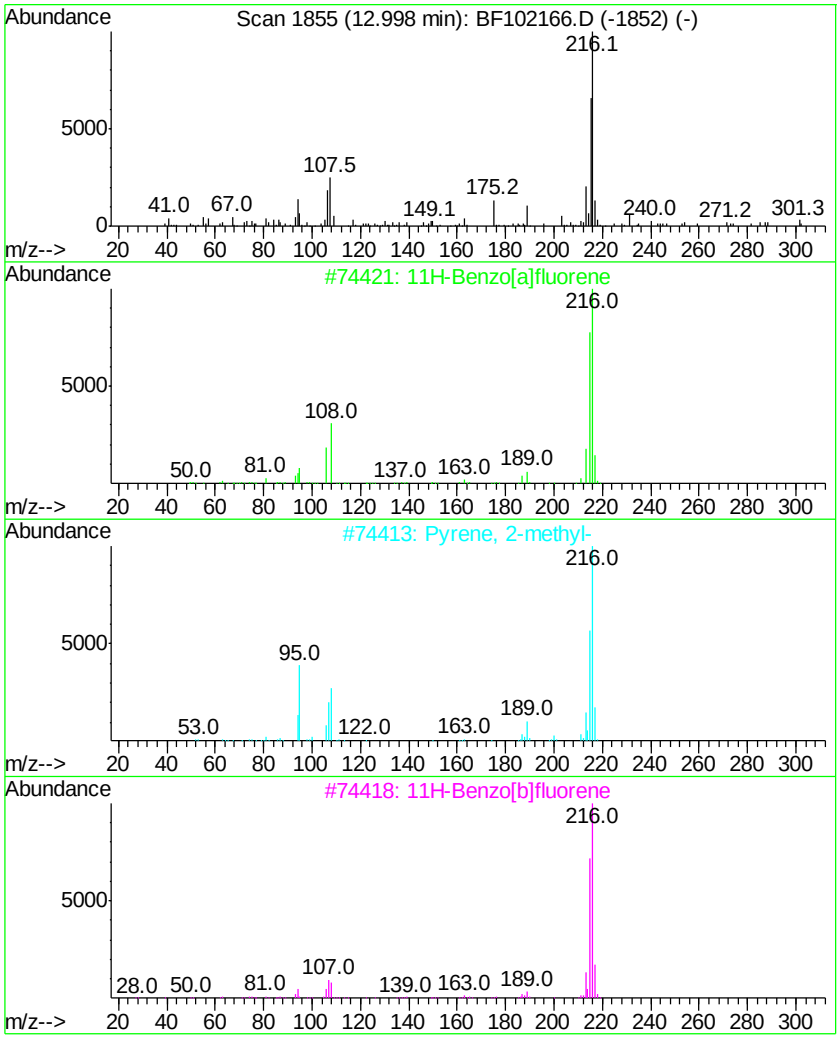
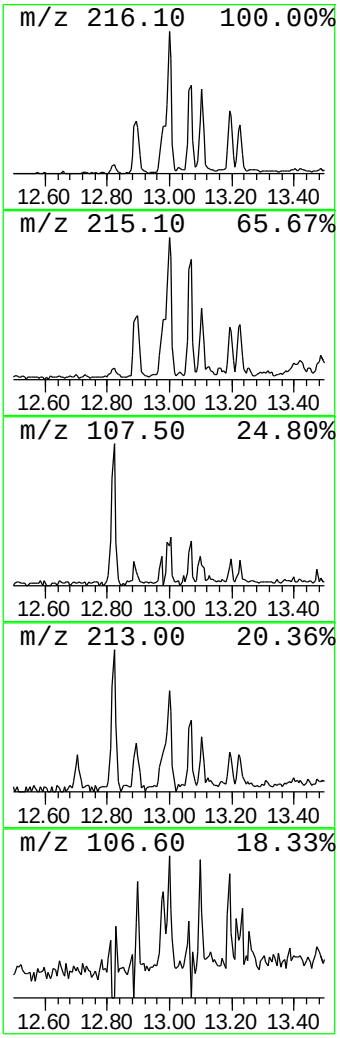
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.08 ng	118543	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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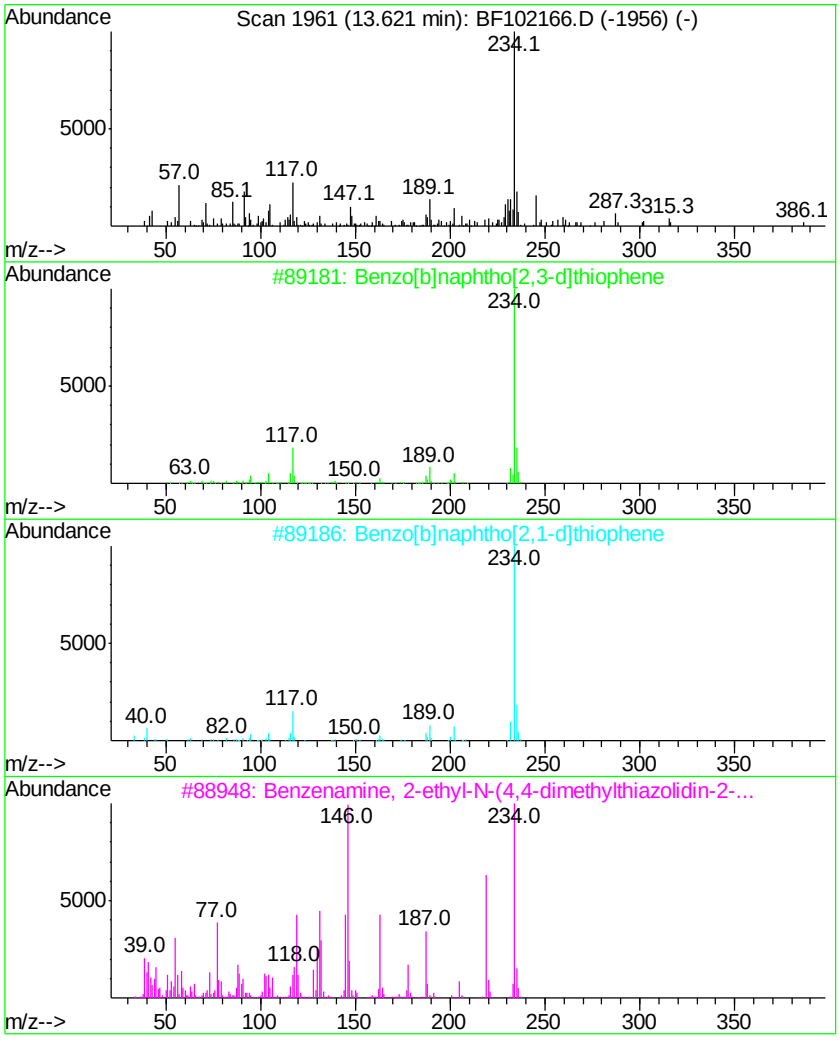
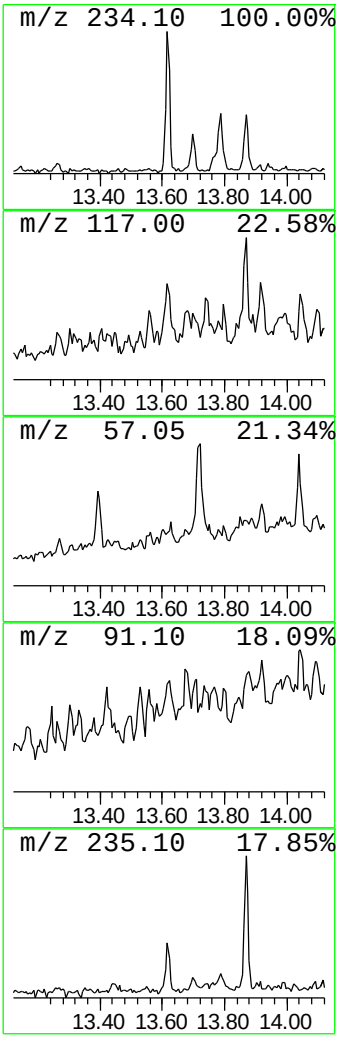
Peak Number 13 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.86 ng	162635	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
3	Benzenamine, 2-ethyl-N-(4,4-dime...	234	C13H18N2S	1000272-26-2	90
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	81
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81





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ClientSampleId : RT-1867-3407-4235

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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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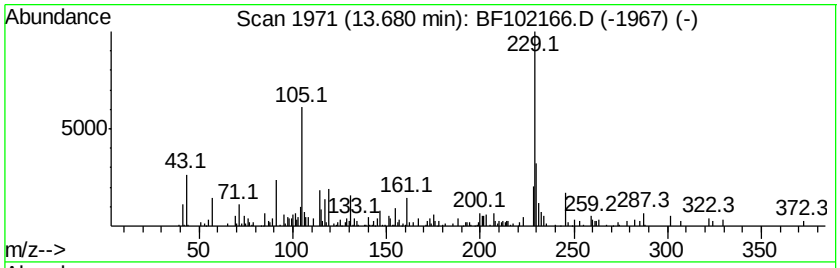
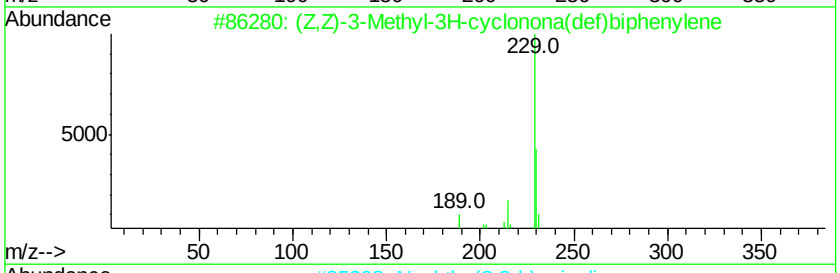
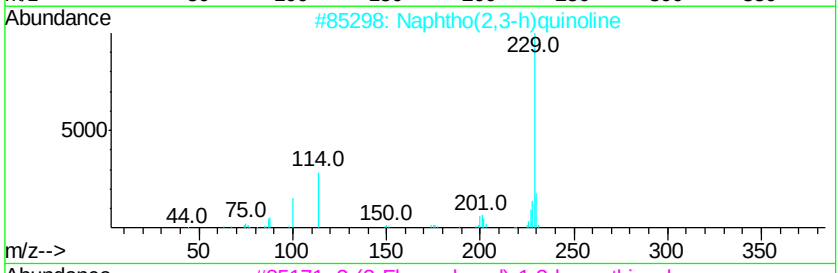
Peak Number 14 (Z,Z)-3-Methyl-3H-cyclonona... Concentration Rank 16

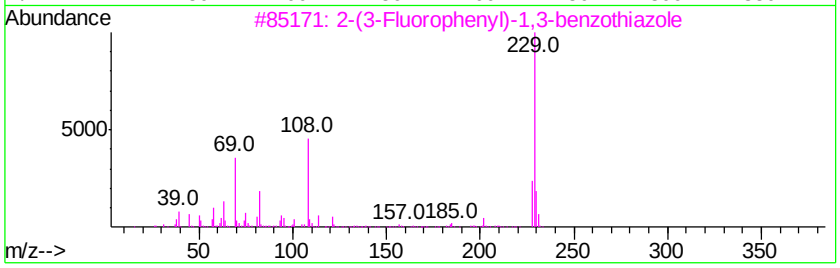
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	2.39 ng	135826	Chrysene-d12	13.87

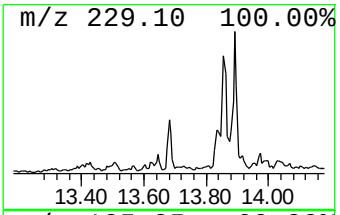
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	50
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	47
3	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	47
4	Benzo(a)acridine	229	C17H11N	000225-11-6	47
5	Benz[c]acridine	229	C17H11N	000225-51-4	46

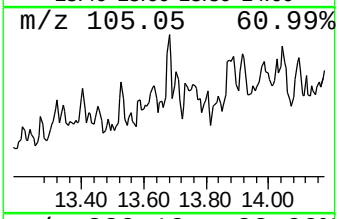


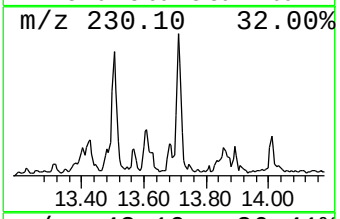


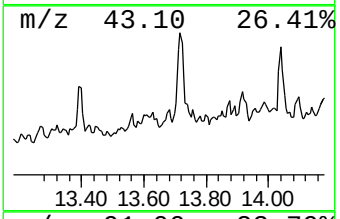


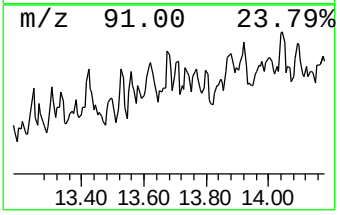












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Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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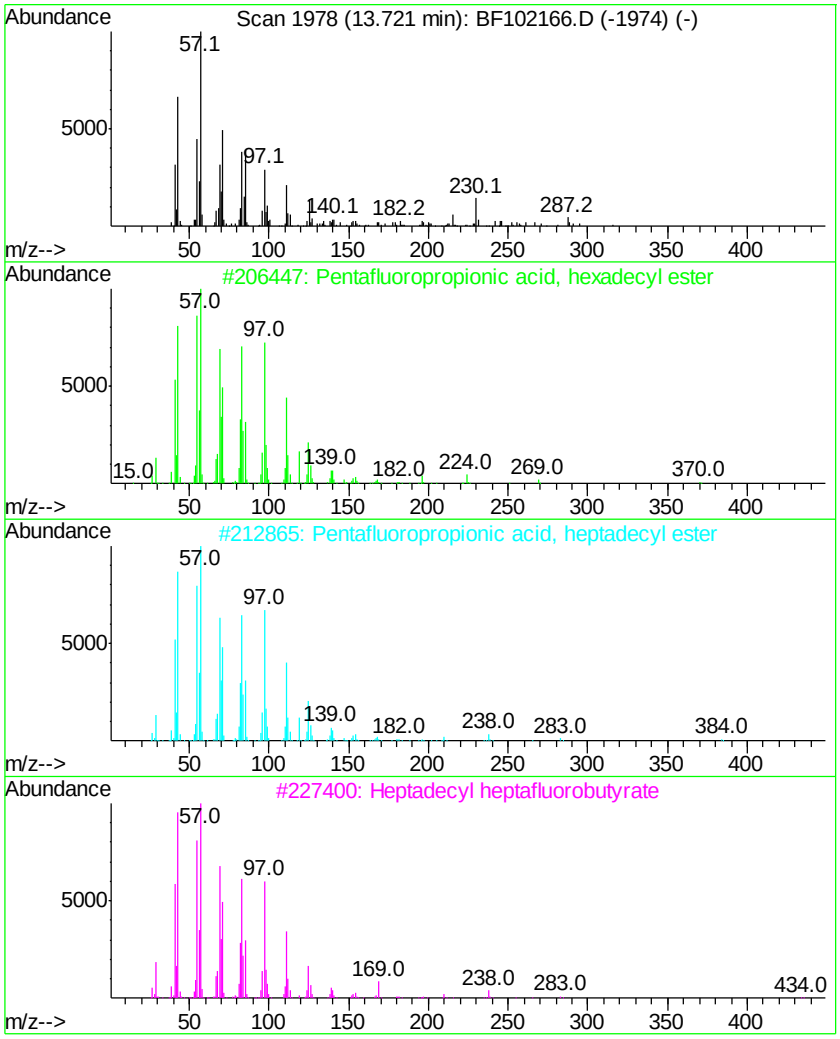
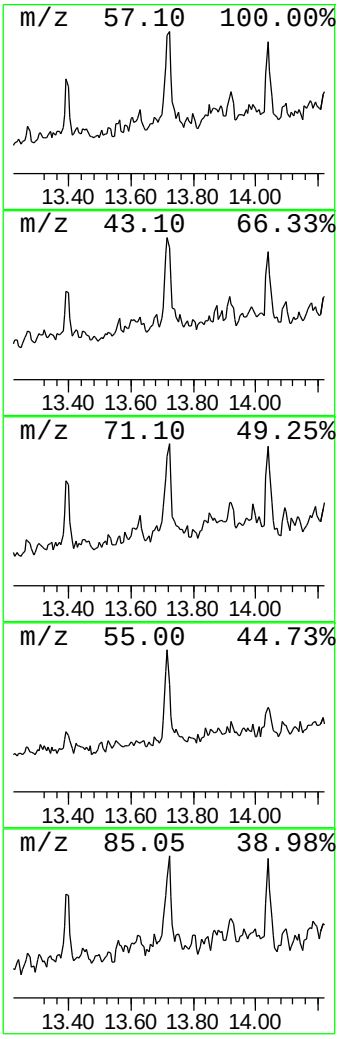
Peak Number 15 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.57 ng	373950	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	86
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	86
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	70
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	70





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ClientSampleId : RT-1867-3407-4235

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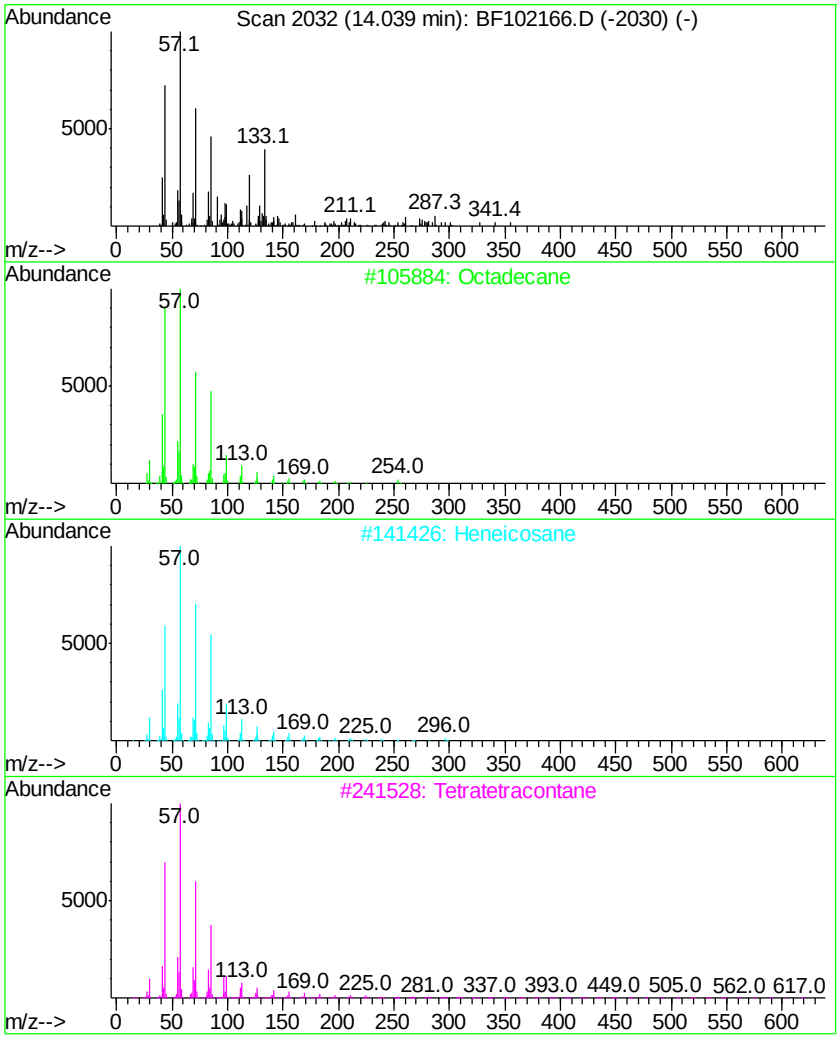
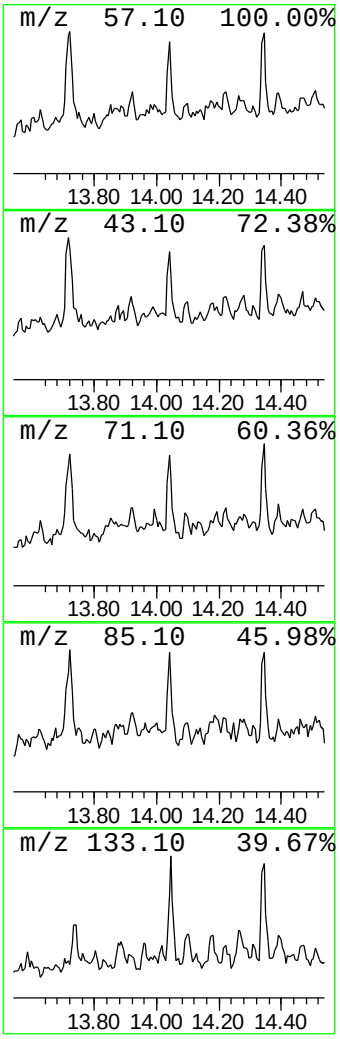
Peak Number 16 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.69 ng	153080	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	84
2	Heneicosane	296	C21H44	000629-94-7	62
3	Tetratetracontane	619	C44H90	007098-22-8	41
4	Hexacosane	366	C26H54	000630-01-3	41
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	41





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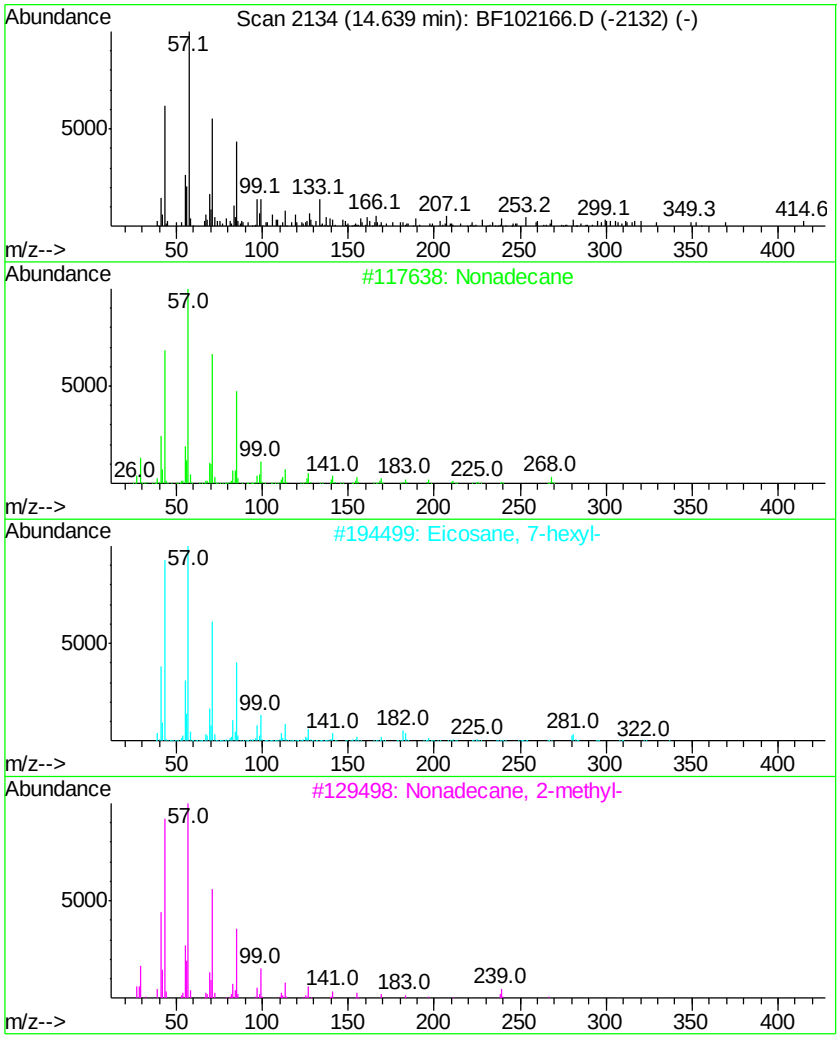
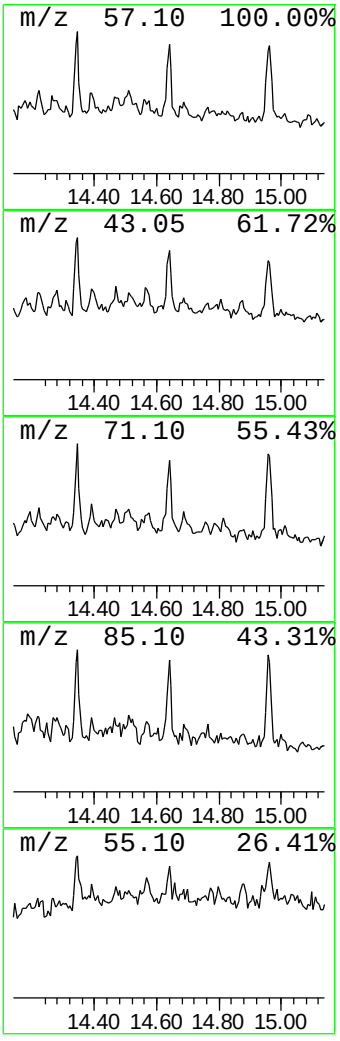
Peak Number 18 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.04 ng	71416	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4	Pentacosane	352	C25H52	000629-99-2	76
5	Octacosane	394	C28H58	000630-02-4	74





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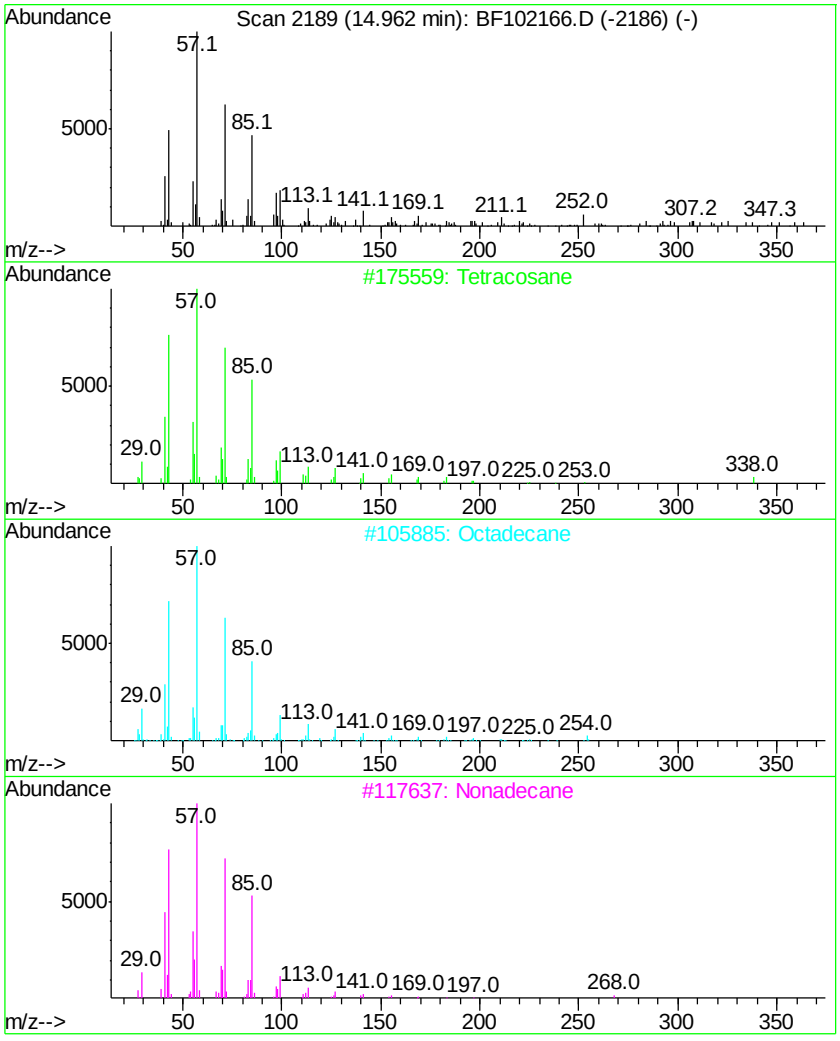
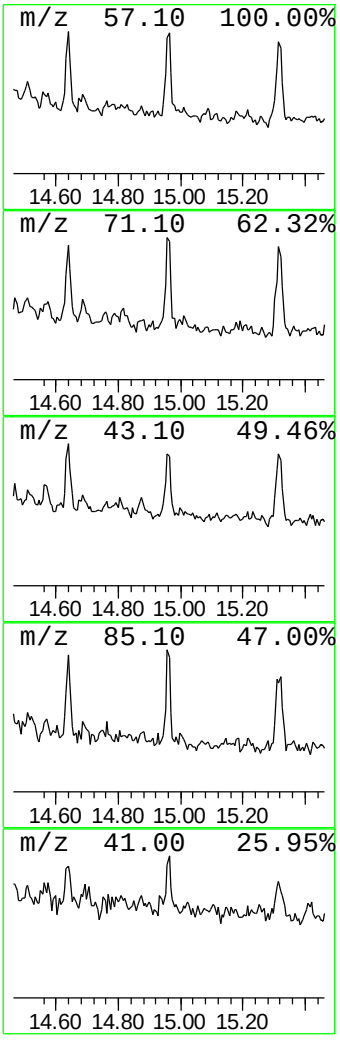
Peak Number 19 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.41 ng	84417	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Octadecane	254	C18H38	000593-45-3	76
3	Nonadecane	268	C19H40	000629-92-5	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72





Library Search Compound Report

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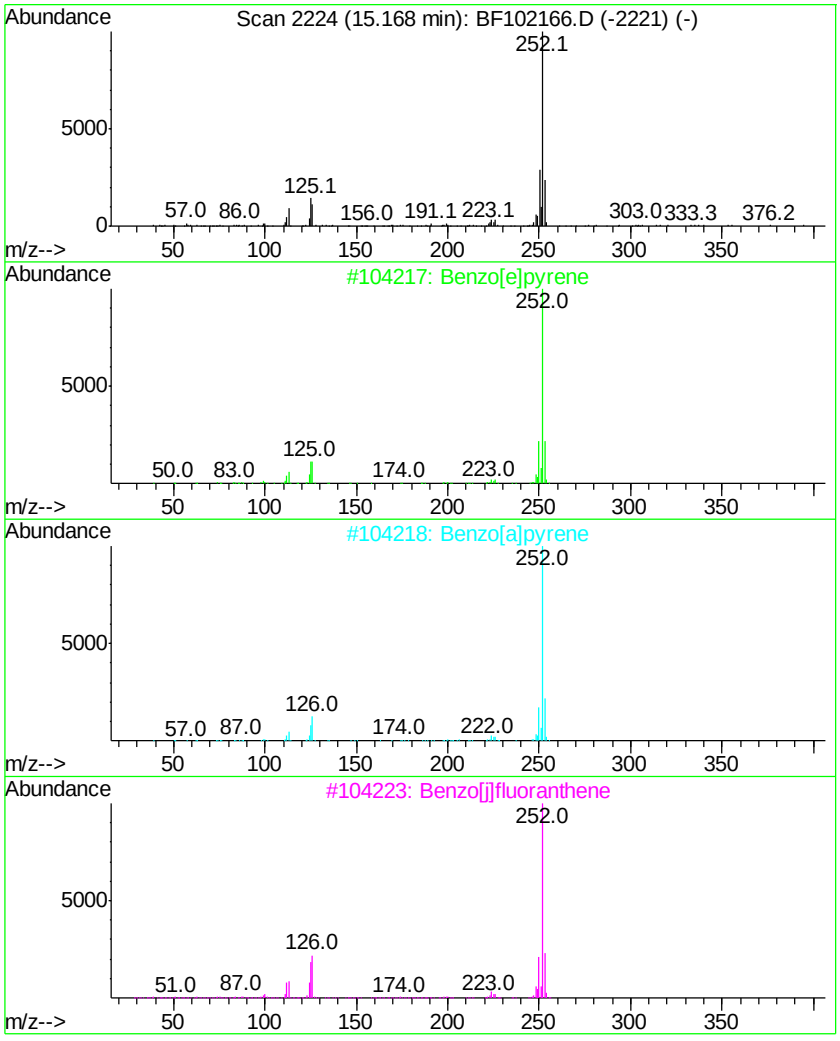
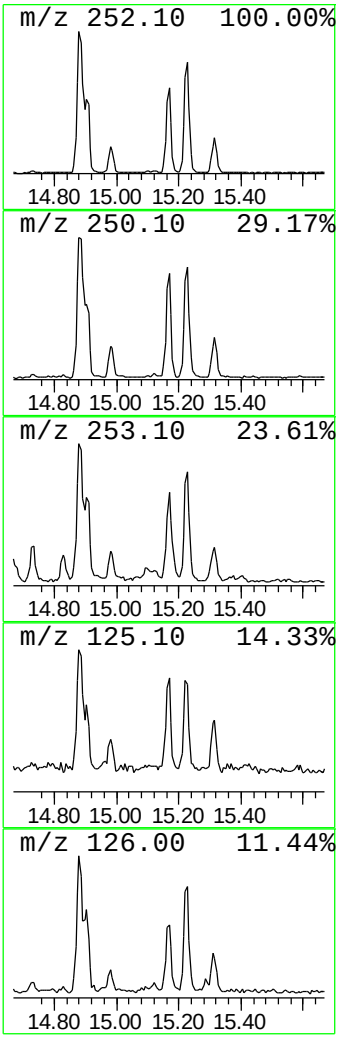
Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	7.17 ng	250845	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF011718\
Data File : BF102166.D
Acq On : 17 Jan 2018 22:34
Operator : SJ/JU
Sample : J1154-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-1867-3407-4235

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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
2-Pentanone, 4-hy...	4.93	6.3	ng	291688	1	6.72	927655	20.0
unknown6.49	6.49	82.9	ng	3845480	1	6.72	927655	20.0
2-Hydroxy-iso-but...	8.56	3.6	ng	226231	2	8.00	1265810	20.0
Benzophenone	10.47	15.0	ng	891531	3	9.75	1187130	20.0
Benzene, (1-methy...	11.18	2.1	ng	103704	4	11.23	969582	20.0
Benzene, (1-ethyl...	11.45	3.2	ng	155265	4	11.23	969582	20.0
Benzene, (1-methy...	11.62	6.7	ng	324509	4	11.23	969582	20.0
Phenanthrene, 2-m...	11.76	3.1	ng	151729	4	11.23	969582	20.0
4H-Cyclopenta[def...	11.84	2.4	ng	115078	4	11.23	969582	20.0
11H-Benzo[a]fluorene	13.00	2.1	ng	118543	5	13.87	1138360	20.0
Benzo[b]naphtho[2...	13.62	2.9	ng	162635	5	13.87	1138360	20.0
(Z,Z)-3-Methyl-3H...	13.68	2.4	ng	135826	5	13.87	1138360	20.0
Pentafluoropropio...	13.72	6.6	ng	373950	5	13.87	1138360	20.0
Octadecane	14.04	2.7	ng	153080	5	13.87	1138360	20.0
Nonadecane	14.64	2.0	ng	71416	6	15.29	699430	20.0
Tetracosane	14.96	2.4	ng	84417	6	15.29	699430	20.0
Benzo[e]pyrene	15.17	7.2	ng	250845	6	15.29	699430	20.0