

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101103.D
 Acq On : 4 Dec 2017 17:35
 Operator : SJ/JU
 Sample : I6697-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	5.057	503	505	512	rBV	29696	34234	6.17%	0.374%
2	5.463	571	574	588	rBV	532387	473521	85.37%	5.166%
3	6.475	743	746	757	rBV	479615	476655	85.93%	5.201%
4	6.616	766	770	774	rBV	631751	504746	91.00%	5.507%
5	6.845	806	809	813	rBV	322457	267841	48.29%	2.922%
6	7.004	832	836	839	rBV	474292	383104	69.07%	4.180%
7	7.410	901	905	908	rBV	358415	285291	51.43%	3.113%
8	8.128	1024	1027	1030	rBV	382000	338236	60.98%	3.690%
9	8.151	1030	1031	1034	rVB	64589	35596	6.42%	0.388%
10	8.845	1145	1149	1152	rBV	28226	24640	4.44%	0.269%
11	8.939	1163	1165	1169	rVB	20922	16416	2.96%	0.179%
12	9.204	1206	1210	1213	rBV	606122	488254	88.03%	5.327%
13	9.475	1252	1256	1260	rVB3	12758	15296	2.76%	0.167%
14	9.539	1264	1267	1270	rBV	18010	18467	3.33%	0.201%
15	9.569	1270	1272	1274	rVV	12590	8965	1.62%	0.098%
16	9.598	1274	1277	1279	rVV	49988	42225	7.61%	0.461%
17	9.657	1283	1287	1289	rBV	7716	7495	1.35%	0.082%
18	9.745	1299	1302	1306	rBV	15898	13732	2.48%	0.150%
19	9.804	1308	1312	1317	rBV	19190	22503	4.06%	0.246%
20	9.886	1323	1326	1329	rBV	393212	319404	57.58%	3.485%
21	9.916	1329	1331	1335	rVB	79823	69587	12.55%	0.759%
22	10.039	1347	1352	1355	rBV2	9967	10221	1.84%	0.112%
23	10.092	1358	1361	1364	rVV	46035	43379	7.82%	0.473%
24	10.128	1364	1367	1371	rVB4	10413	9693	1.75%	0.106%
25	10.286	1390	1394	1395	rBV2	8828	10597	1.91%	0.116%
26	10.304	1395	1397	1400	rVB	21604	18528	3.34%	0.202%
27	10.433	1415	1419	1425	rVB	79060	64123	11.56%	0.700%
28	10.498	1425	1430	1432	rBV2	13082	17828	3.21%	0.195%
29	10.522	1432	1434	1436	rVB	16150	12685	2.29%	0.138%
30	10.592	1443	1446	1451	rVB	16928	17560	3.17%	0.192%
31	10.675	1457	1460	1464	rBV	311303	260972	47.05%	2.847%
32	10.745	1469	1472	1475	rVB	70158	53933	9.72%	0.588%
33	10.792	1475	1480	1484	rBV2	22022	33965	6.12%	0.371%
34	10.980	1505	1512	1515	rBV4	16921	27386	4.94%	0.299%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
 Data File : BF101103.D
 Acq On : 4 Dec 2017 17:35
 Operator : SJ/JU
 Sample : I6697-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01A

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.010	1515	1517	1520	rVV3	11200	9134	1.65%	0.100%
36	11.039	1520	1522	1525	rVV3	17652	17868	3.22%	0.195%
37	11.104	1528	1533	1535	rVV4	10380	14556	2.62%	0.159%
38	11.133	1535	1538	1544	rVV3	12033	20449	3.69%	0.223%
39	11.180	1544	1546	1549	rVV	16332	14628	2.64%	0.160%
40	11.228	1549	1554	1557	rVV3	29340	33783	6.09%	0.369%
41	11.269	1557	1561	1566	rVB	31709	36946	6.66%	0.403%
42	11.375	1575	1579	1581	rBV	325027	288571	52.03%	3.148%
43	11.398	1581	1583	1587	rVV	461713	366713	66.11%	4.001%
44	11.451	1587	1592	1595	rVV	118972	101557	18.31%	1.108%
45	11.604	1614	1618	1624	rBV2	40585	41514	7.48%	0.453%
46	11.704	1633	1635	1641	rVB7	6328	7861	1.42%	0.086%
47	11.875	1659	1664	1667	rBV	50892	49989	9.01%	0.545%
48	11.904	1667	1669	1673	rVB	75907	56733	10.23%	0.619%
49	11.951	1674	1677	1680	rBV	34130	27875	5.03%	0.304%
50	11.986	1680	1683	1686	rVV	64718	74663	13.46%	0.815%
51	12.010	1686	1687	1693	rVB	36242	21762	3.92%	0.237%
52	12.057	1693	1695	1698	rBV4	10725	9377	1.69%	0.102%
53	12.169	1712	1714	1717	rVV	35560	27847	5.02%	0.304%
54	12.204	1717	1720	1723	rVB	17507	14342	2.59%	0.156%
55	12.316	1736	1739	1741	rBV3	11904	10240	1.85%	0.112%
56	12.351	1742	1745	1747	rVB	10203	8795	1.59%	0.096%
57	12.375	1747	1749	1752	rVB	10761	8646	1.56%	0.094%
58	12.422	1755	1757	1760	rBV	20941	22478	4.05%	0.245%
59	12.463	1760	1764	1766	rVV3	12672	17836	3.22%	0.195%
60	12.516	1770	1773	1778	rBV3	15337	18882	3.40%	0.206%
61	12.592	1782	1786	1789	rBV	408049	351612	63.39%	3.836%
62	12.622	1789	1791	1795	rVB	111824	99145	17.87%	1.082%
63	12.651	1795	1796	1799	rVB3	10658	7431	1.34%	0.081%
64	12.745	1809	1812	1815	rVB2	12944	12095	2.18%	0.132%
65	12.822	1822	1825	1830	rVB	347064	312139	56.27%	3.406%
66	12.869	1830	1833	1837	rBV2	22117	22750	4.10%	0.248%
67	12.957	1841	1848	1851	rVV	450832	399169	71.96%	4.355%
68	12.980	1851	1852	1855	rVB	20002	12577	2.27%	0.137%
69	13.033	1857	1861	1866	rBV2	27044	48174	8.69%	0.526%
70	13.122	1873	1876	1877	rBV3	20335	21507	3.88%	0.235%
71	13.145	1877	1880	1883	rVB	56085	60552	10.92%	0.661%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
 Data File : BF101103.D
 Acq On : 4 Dec 2017 17:35
 Operator : SJ/JU
 Sample : I6697-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01A

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.216	1889	1892	1894	rVB	36284	32606	5.88%	0.356%
73	13.251	1894	1898	1900	rBV2	40514	47919	8.64%	0.523%
74	13.274	1900	1902	1905	rVB4	8541	8515	1.54%	0.093%
75	13.304	1905	1907	1910	rVB4	9056	8542	1.54%	0.093%
76	13.345	1911	1914	1916	rVB	18364	15403	2.78%	0.168%
77	13.380	1916	1920	1921	rBV2	22058	22907	4.13%	0.250%
78	13.433	1927	1929	1931	rBV3	16430	12758	2.30%	0.139%
79	13.463	1931	1934	1937	rVB4	7811	8379	1.51%	0.091%
80	13.569	1951	1952	1955	rVB2	14211	9260	1.67%	0.101%
81	13.633	1959	1963	1964	rBV3	10798	12213	2.20%	0.133%
82	13.657	1964	1967	1971	rVB	26238	25664	4.63%	0.280%
83	13.769	1982	1986	1988	rBV2	36565	42395	7.64%	0.463%
84	13.792	1988	1990	1993	rVV	36622	35834	6.46%	0.391%
85	13.839	1993	1998	2001	rVV5	48544	86144	15.53%	0.940%
86	13.869	2001	2003	2006	rVB	28509	28983	5.23%	0.316%
87	13.986	2020	2023	2024	rBV3	17664	16748	3.02%	0.183%
88	14.021	2024	2029	2031	rVV2	424146	554674	100.00%	6.052%
89	14.045	2031	2033	2041	rVV	205573	178964	32.26%	1.953%
90	14.127	2045	2047	2049	rVB	32352	23618	4.26%	0.258%
91	14.210	2059	2061	2064	rBV	12551	10105	1.82%	0.110%
92	14.363	2085	2087	2090	rBV2	16611	19873	3.58%	0.217%
93	14.404	2092	2094	2096	rVV	40603	33000	5.95%	0.360%
94	14.439	2098	2100	2103	rVV	20176	22644	4.08%	0.247%
95	14.551	2117	2119	2122	rVB3	23049	21318	3.84%	0.233%
96	15.063	2202	2206	2209	rBV	122786	183288	33.04%	2.000%
97	15.368	2255	2258	2265	rVB	73494	98156	17.70%	1.071%
98	15.433	2265	2269	2274	rBV	108072	136712	24.65%	1.492%
99	15.498	2275	2280	2284	rBV	234143	306438	55.25%	3.343%
100	16.986	2529	2533	2538	rVB	34544	65181	11.75%	0.711%

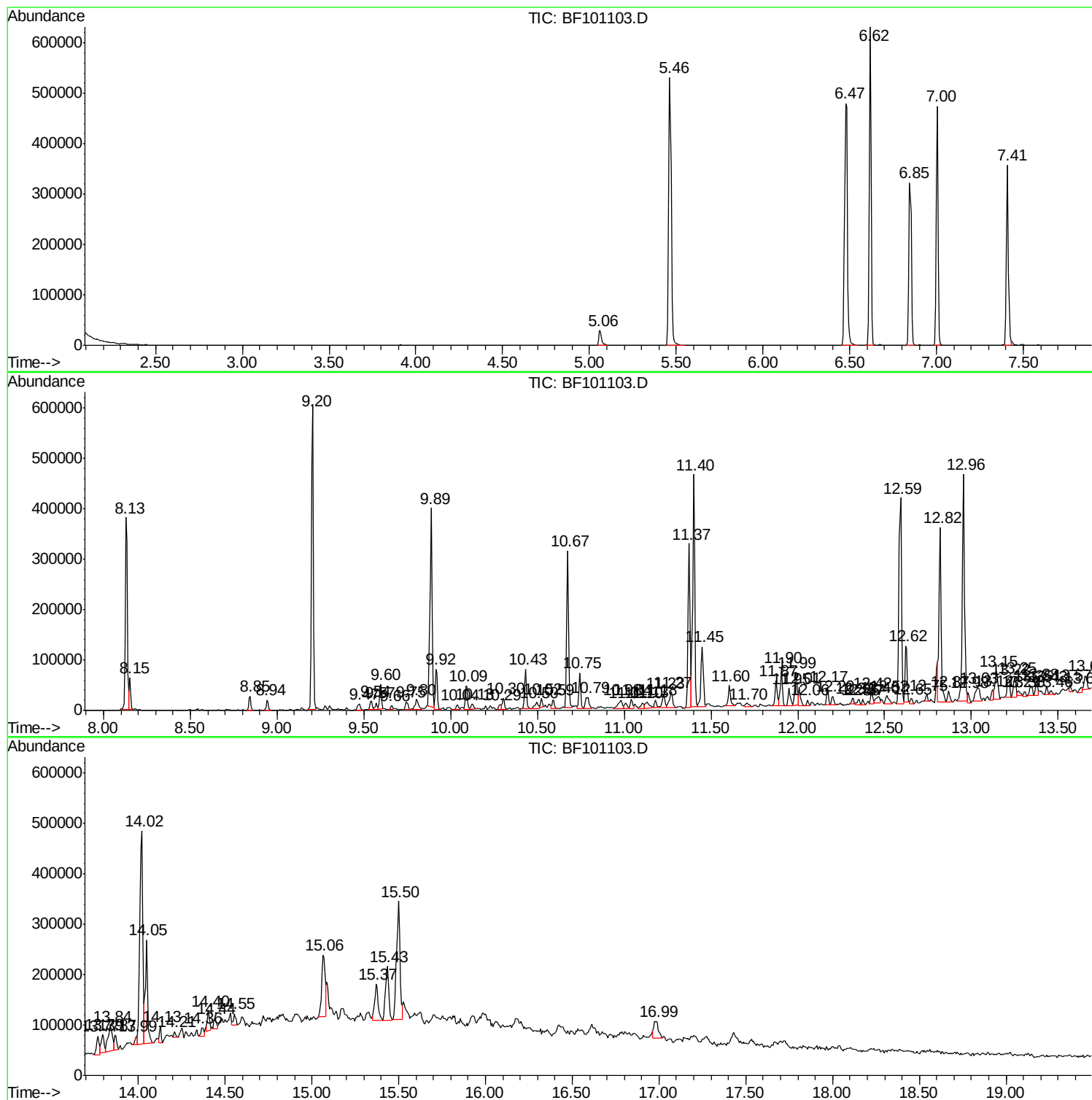
Sum of corrected areas: 9165515

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
TP-01A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

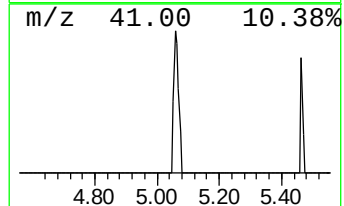
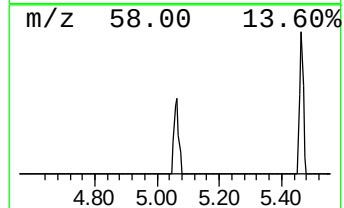
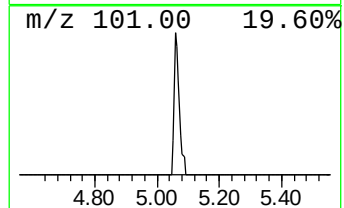
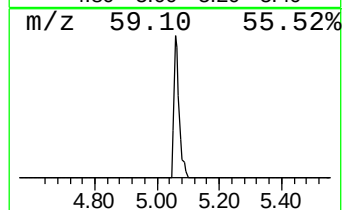
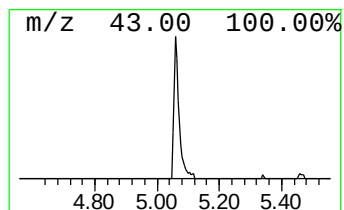
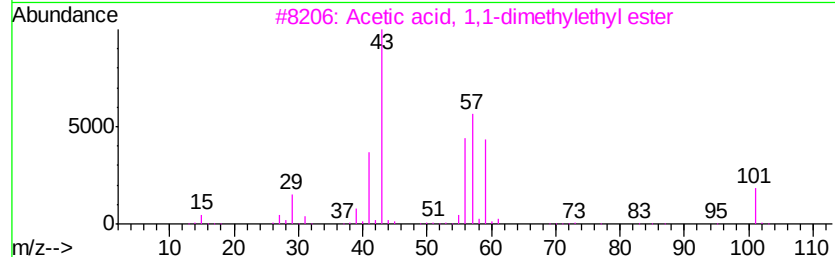
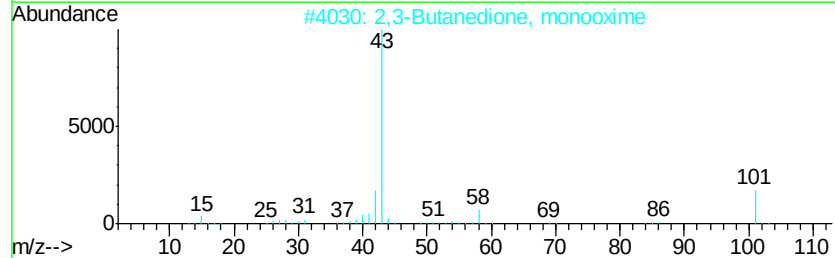
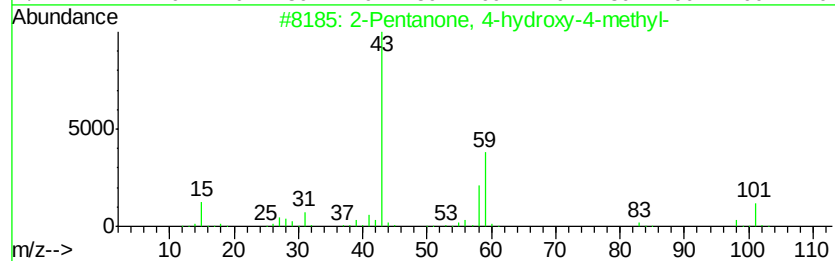
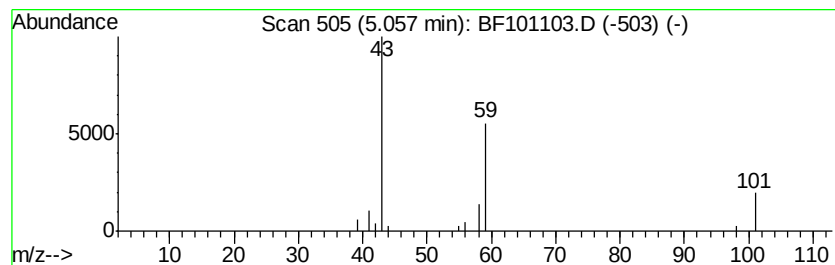
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.56 ng	34234	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5			5-Hexen-2-one	98	C6H10O	000109-49-9	5



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

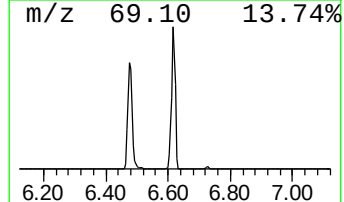
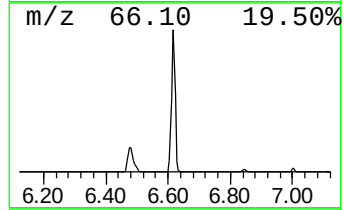
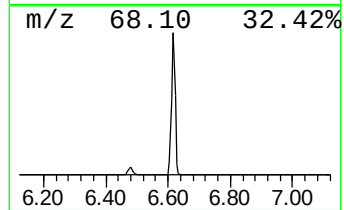
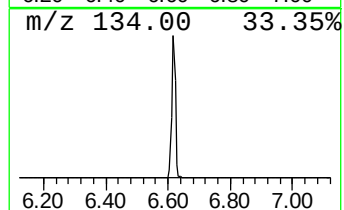
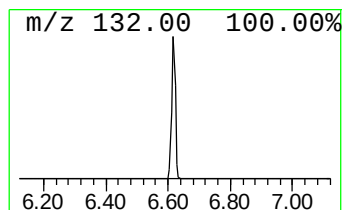
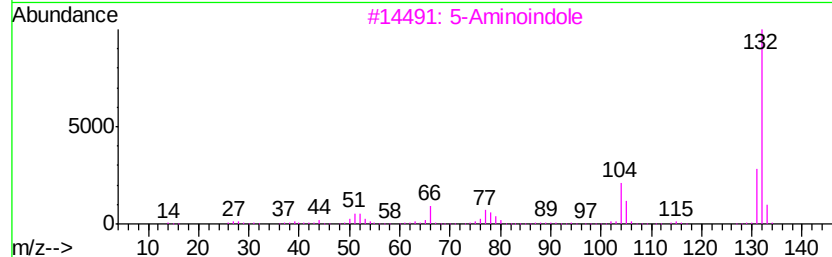
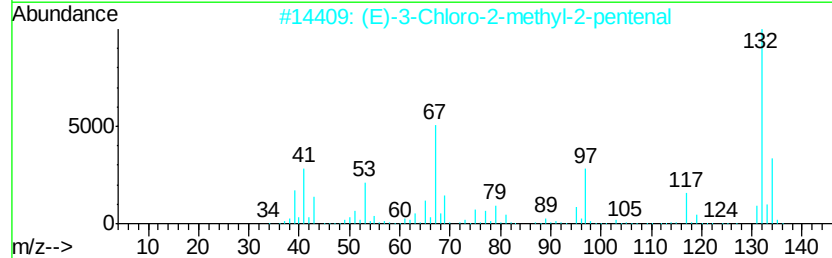
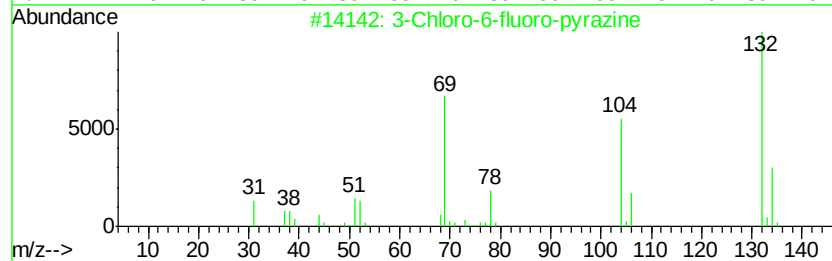
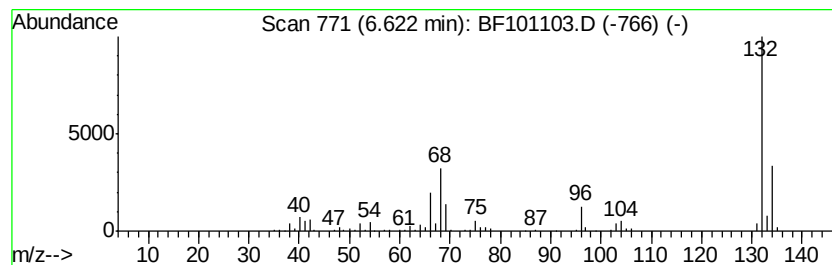
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	37.69 ng	504746	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

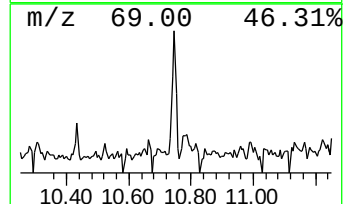
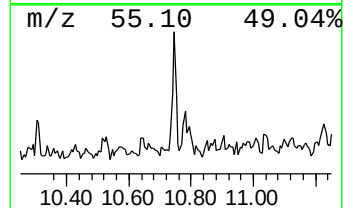
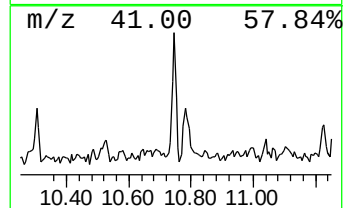
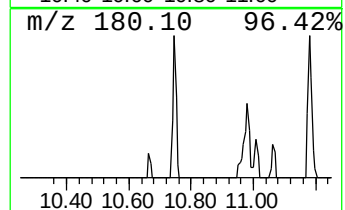
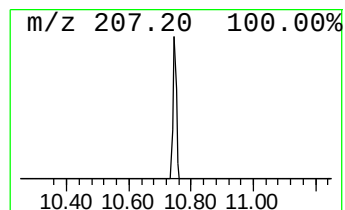
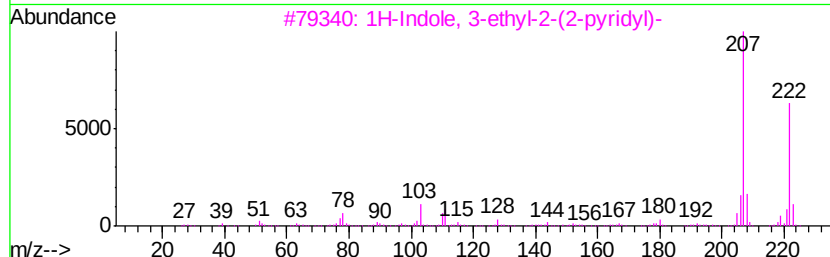
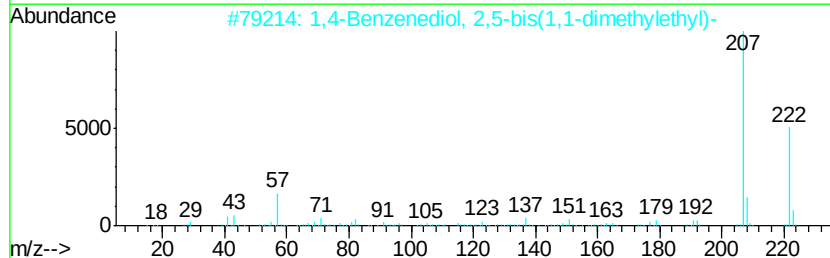
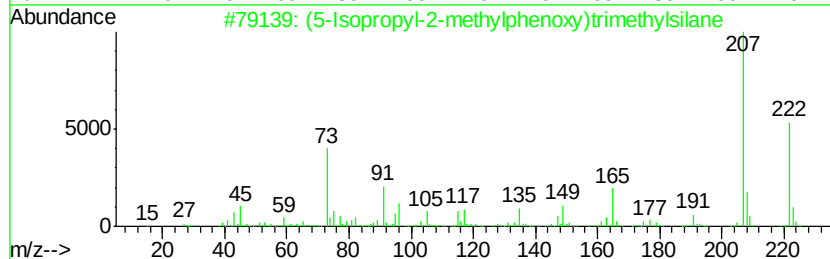
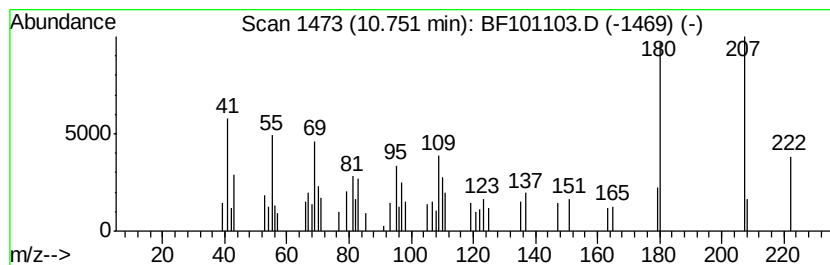
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown10.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	3.74 ng	53933	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5-Isopropyl-2-methylphenoxy)tri...	222	C13H22OSi	1000367-02-2	30
2	1,4-Benzenediol, 2,5-bis(1,1-dim...	222	C14H22O2	000088-58-4	27
3	1H-Indole, 3-ethyl-2-(2-pyridyl)-	222	C15H14N2	093732-43-5	27
4	1,2,4-Triazol-3-amine, 5-(1,3,5-...	207	C8H13N7	1000264-16-7	27
5	1H-Naphthalen-2-one, 3,4,5,6,7,8...	180	C12H20O	1000164-27-1	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

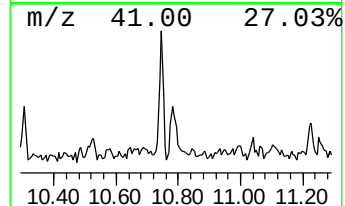
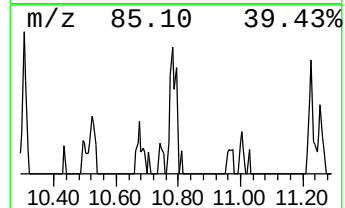
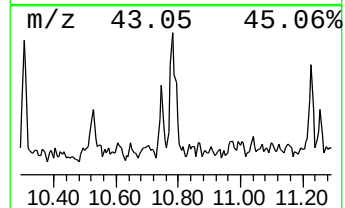
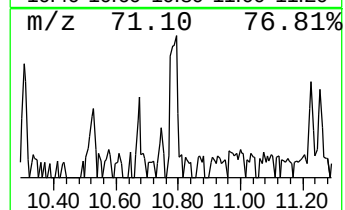
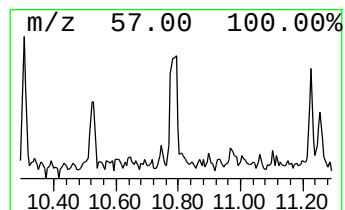
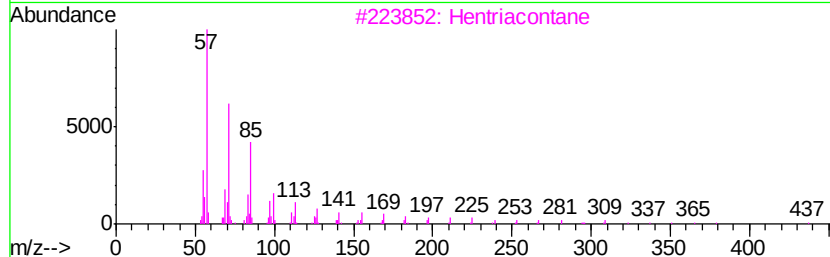
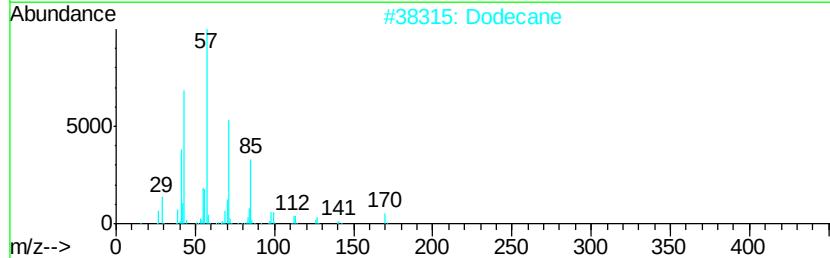
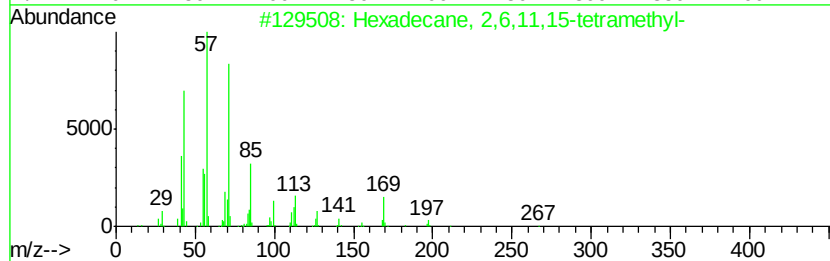
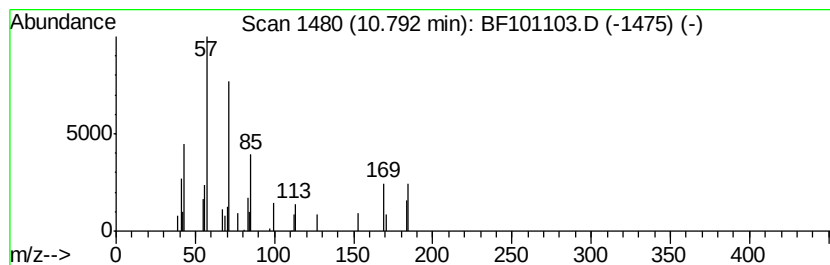
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane, 2,6,11,15-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.35 ng	33965	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	64
2		Dodecane	170	C12H26	000112-40-3	62
3		Hentriacontane	437	C31H64	000630-04-6	59
4		Hexadecane	226	C16H34	000544-76-3	53
5		2-methyloctacosane	408	C29H60	1000376-72-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

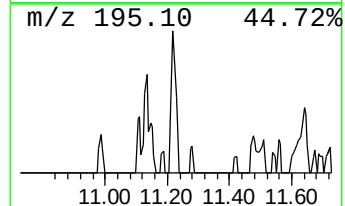
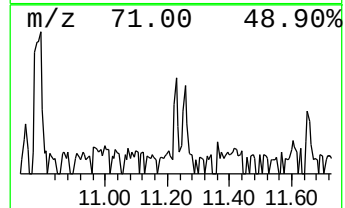
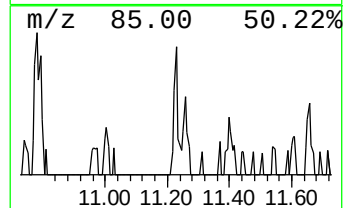
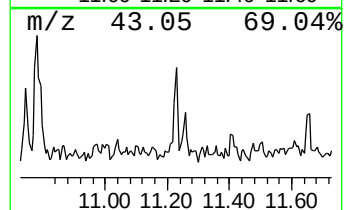
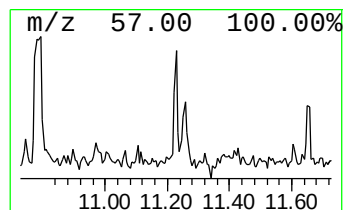
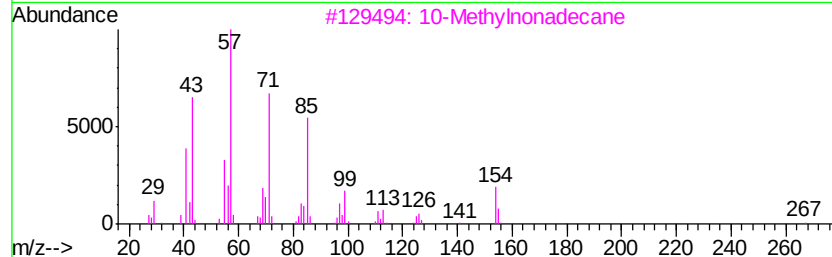
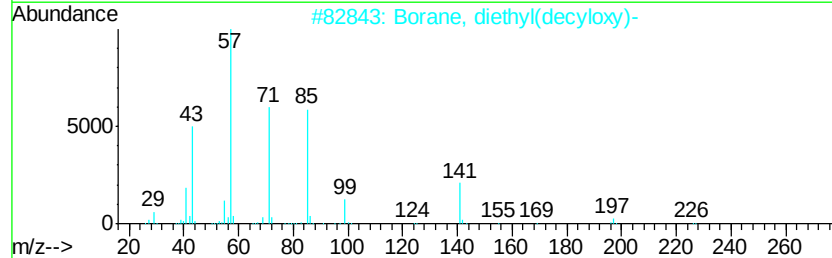
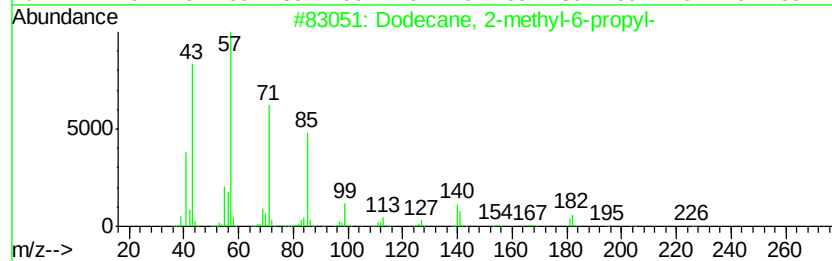
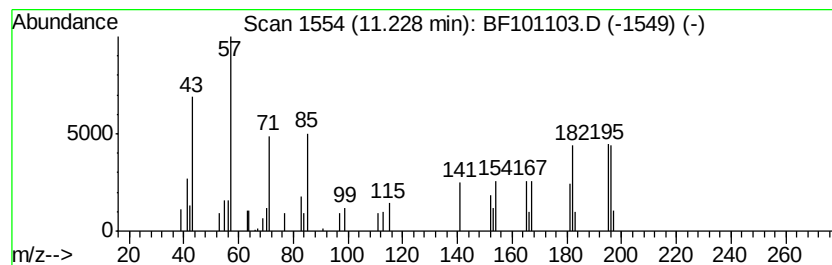
Instrument :
BNA_F
ClientSampleId :
TP-01A

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown11.23 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.23	2.34 ng	33783	Phenanthrene-d10		11.37
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	27
2	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	22
3	10-Methylnonadecane	282	C20H42	056862-62-5	18
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	14
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

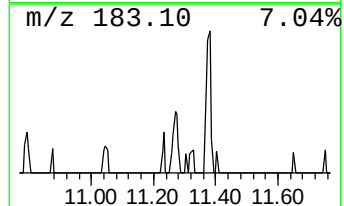
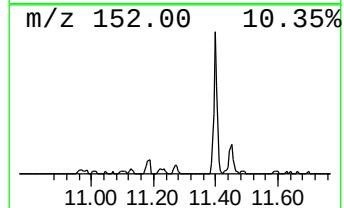
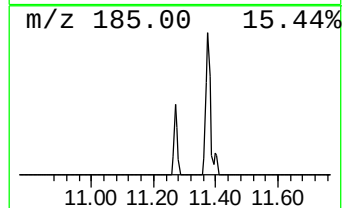
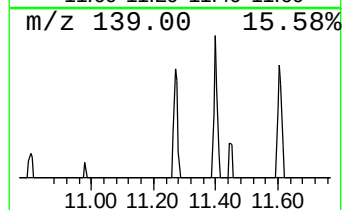
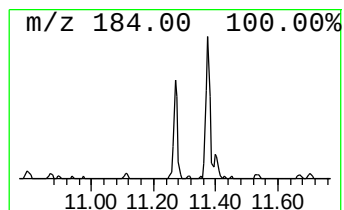
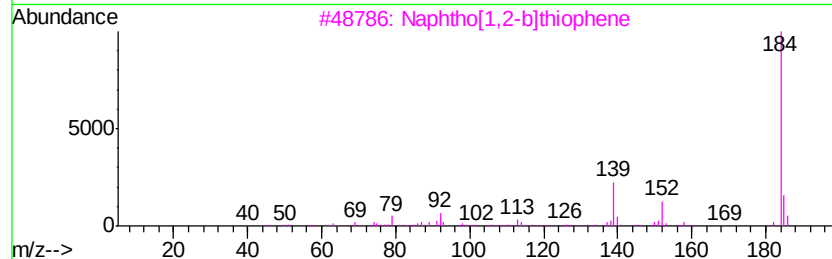
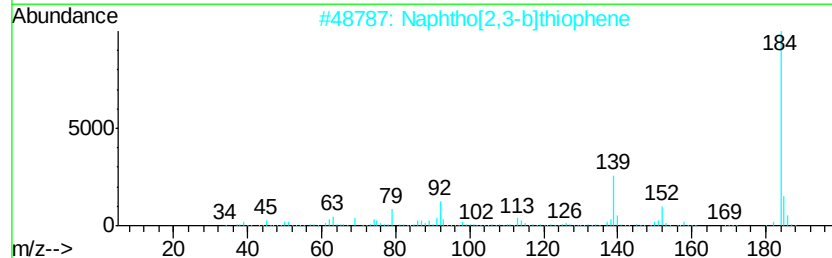
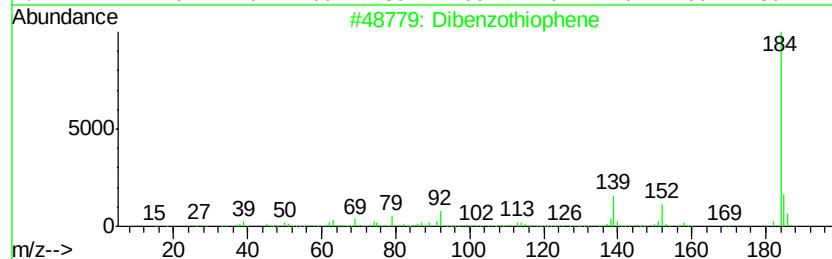
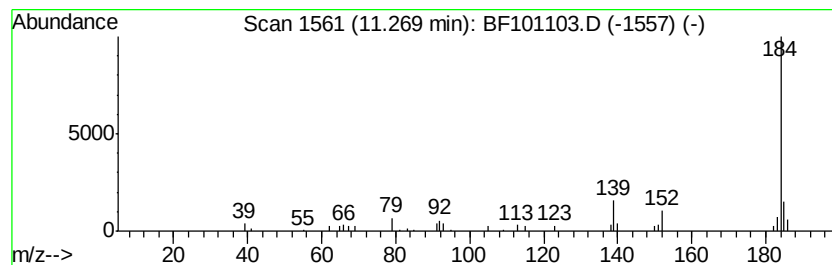
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	2.56 ng	36946	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	91
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
4		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

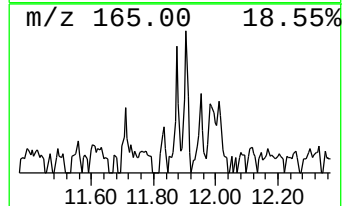
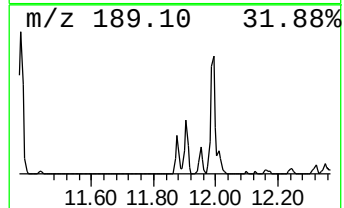
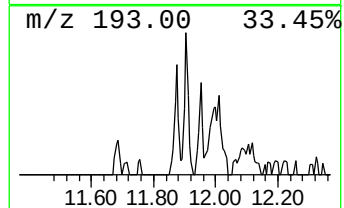
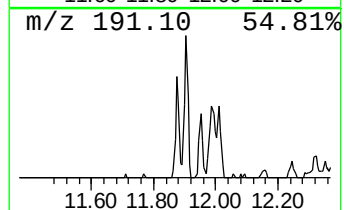
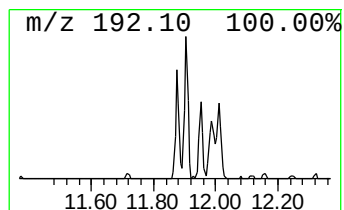
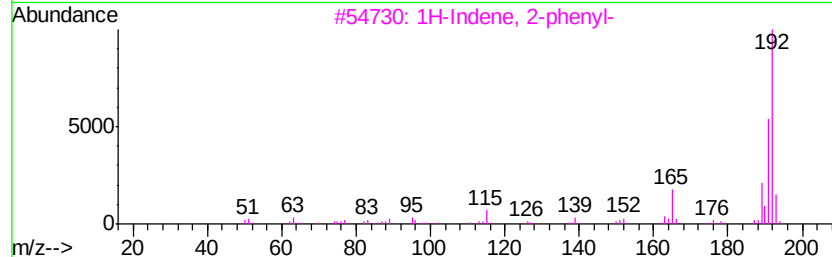
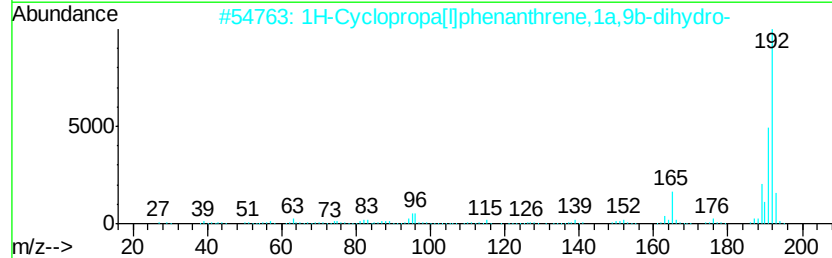
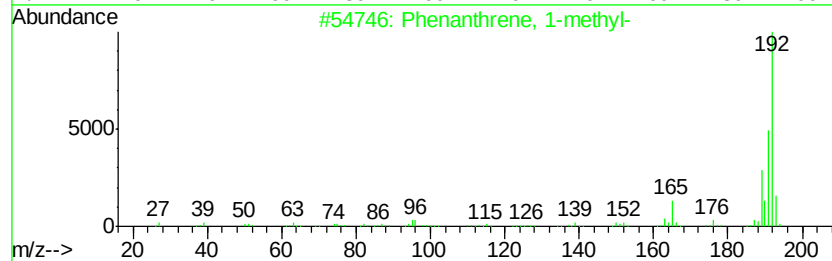
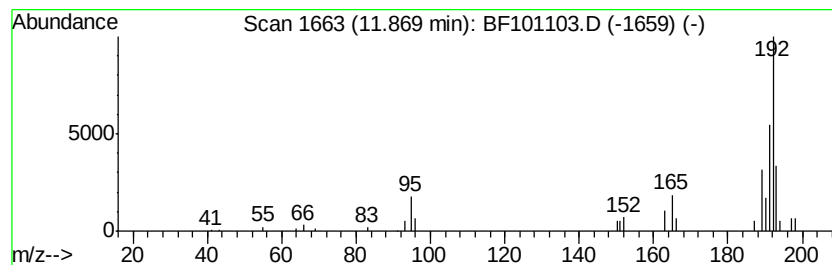
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.46 ng	49989	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

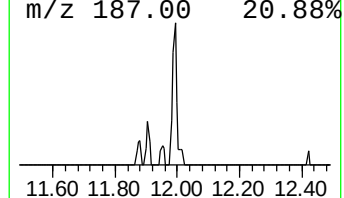
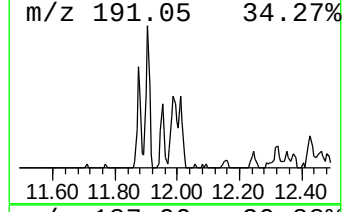
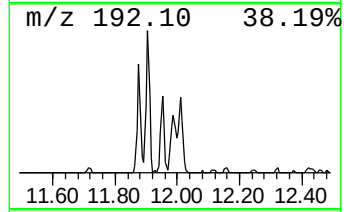
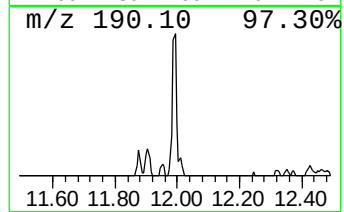
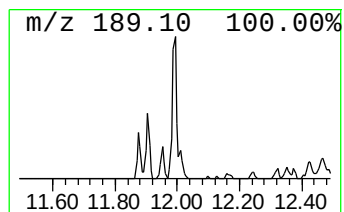
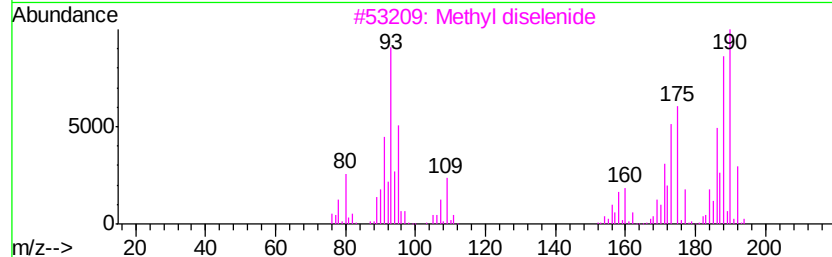
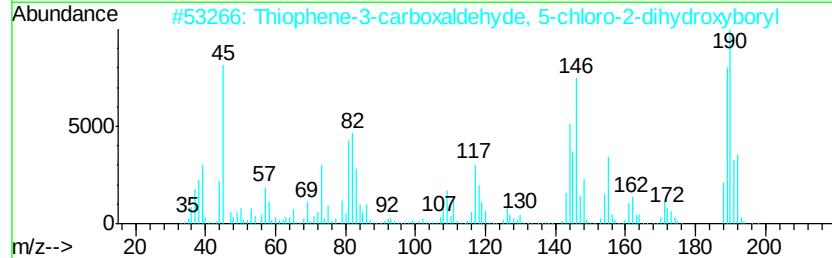
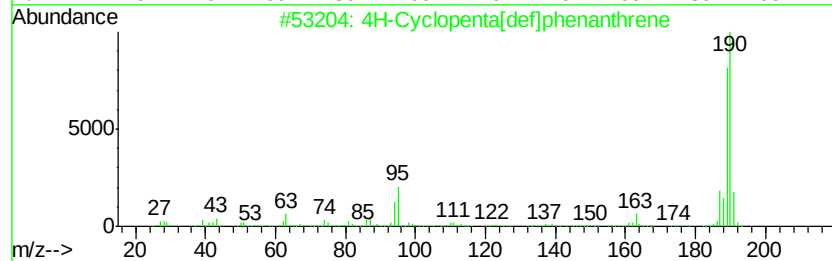
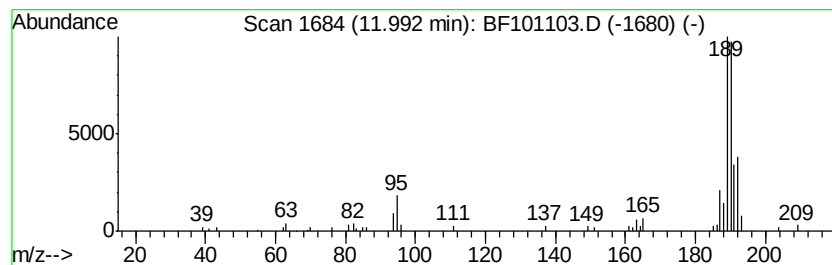
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.17 ng	74663	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3		Methyl diselenide	190	C2H6Se2	007101-31-7	41
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	40
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

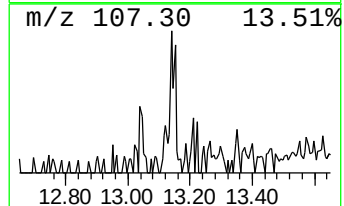
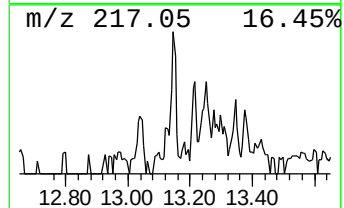
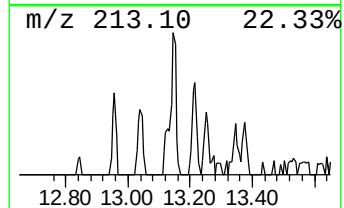
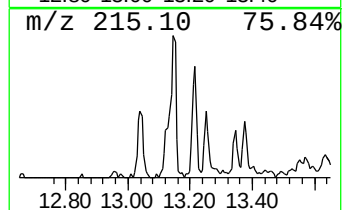
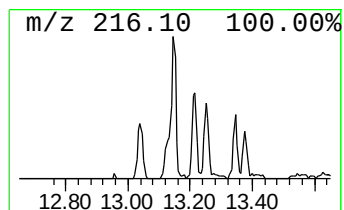
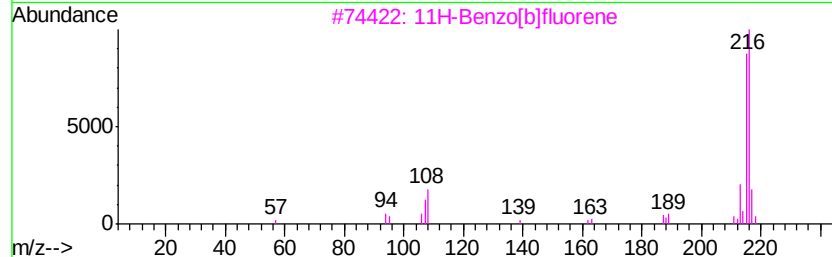
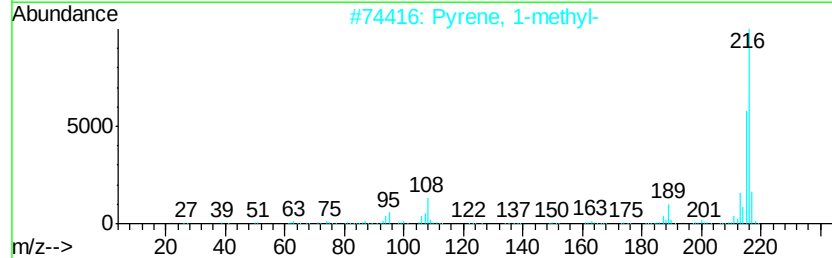
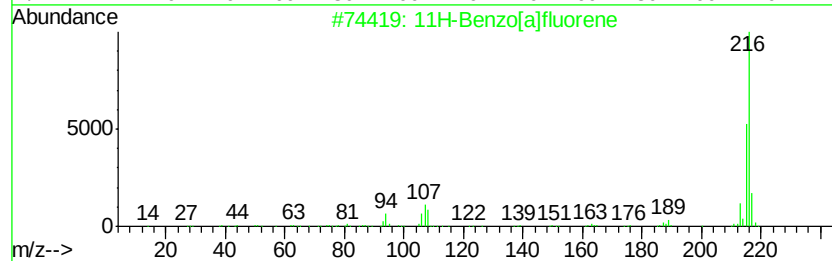
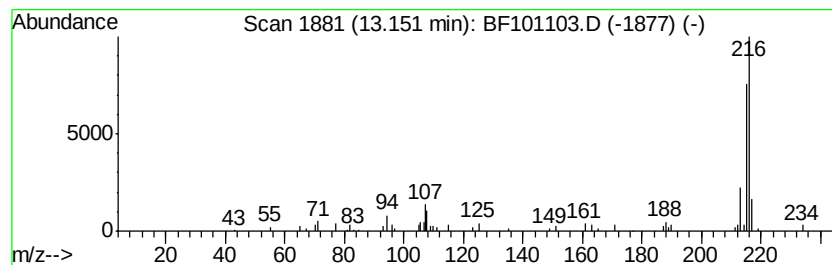
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.18 ng	60552	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

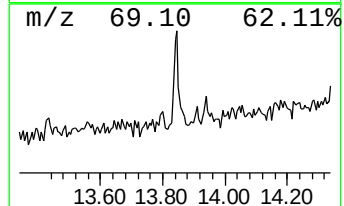
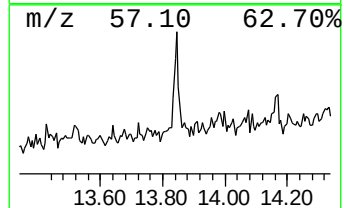
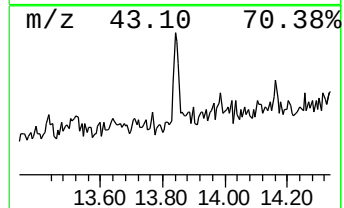
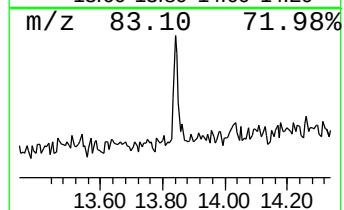
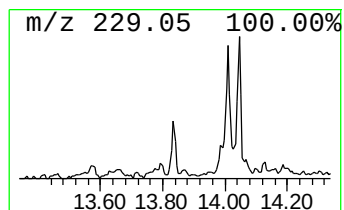
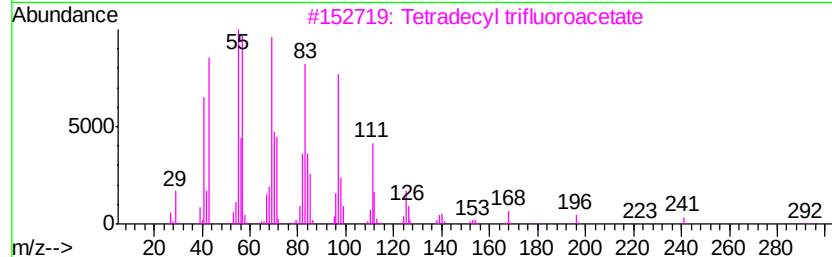
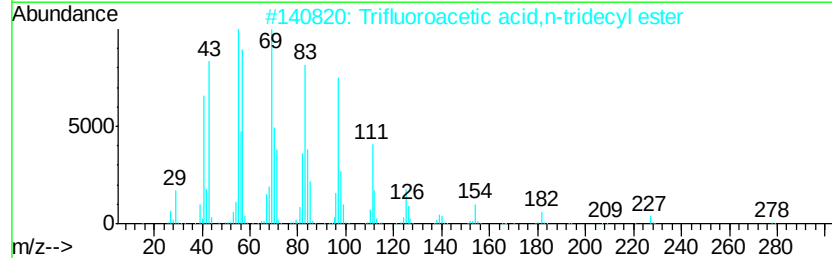
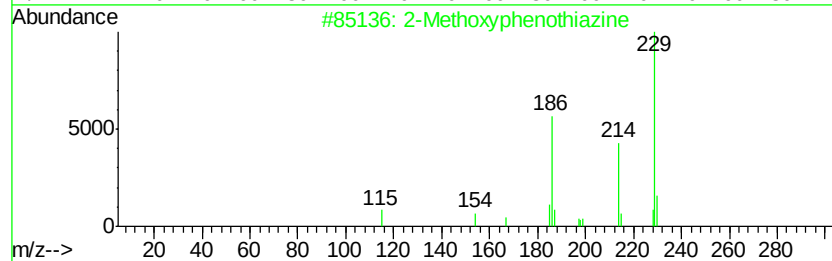
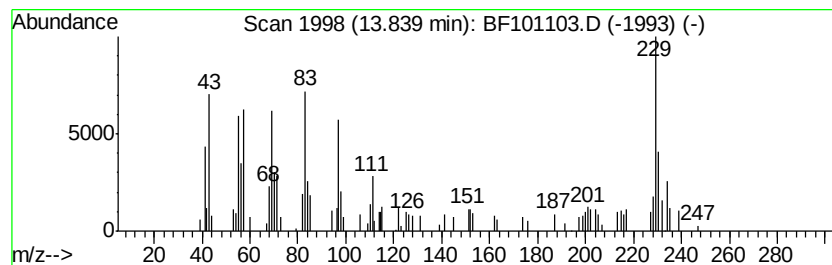
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.84 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.11 ng	86144	Chrysene-d12	14.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methoxyphenothiazine	229	C13H11NOS	001771-18-2	46
2			Trifluoroacetic acid,n-tridecyl ...	296	C15H27F3O2	053800-02-5	38
3			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	35
4			Carbonic acid, hexadecyl 2,2,2-t...	416	C19H35Cl3O3	1000314-56-2	30
5			1-Heptadecene	238	C17H34	006765-39-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120417\
Data File : BF101103.D
Acq On : 4 Dec 2017 17:35
Operator : SJ/JU
Sample : I6697-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-01A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.06	2.6	ng	34234	1	6.85	267841	20.0
unknown6.62	6.62	37.7	ng	504746	1	6.85	267841	20.0
unknown10.75	10.75	3.7	ng	53933	4	11.37	288571	20.0
Hexadecane, 2,6,1...	10.79	2.4	ng	33965	4	11.37	288571	20.0
unknown11.23	11.23	2.3	ng	33783	4	11.37	288571	20.0
Dibenzothiophene	11.27	2.6	ng	36946	4	11.37	288571	20.0
Phenanthrene, 1-m...	11.87	3.5	ng	49989	4	11.37	288571	20.0
4H-Cyclopenta[def...	11.99	5.2	ng	74663	4	11.37	288571	20.0
11H-Benzo[a]fluorene	13.15	2.2	ng	60552	5	14.02	554674	20.0
unknown13.84	13.84	3.1	ng	86144	5	14.02	554674	20.0