

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
 Data File : BF076836.D
 Acq On : 13 Jan 2015 8:46
 Operator : IZ / TP
 Sample : G1030-07
 Misc : S
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-1(2-4)

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-BF010915.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	1.487	33	35	44	rVV	68711	110890	11.43%	0.690%
2	4.253	274	277	288	rBB	110972	225438	23.23%	1.402%
3	5.179	354	358	369	rBB	408382	778761	80.24%	4.843%
4	7.488	557	560	565	rBV	499224	772344	79.58%	4.804%
5	7.590	565	569	574	rVB	517425	842045	86.76%	5.237%
6	8.093	610	613	616	rBV	113193	193312	19.92%	1.202%
7	8.413	637	641	644	rBV	387866	618504	63.73%	3.847%
8	9.385	722	726	729	rBV	295717	498677	51.38%	3.101%
9	10.996	863	867	870	rBV	170185	266667	27.48%	1.659%
10	12.459	992	995	998	rBB	17516	26393	2.72%	0.164%
11	13.648	1095	1099	1102	rBV	526224	833952	85.92%	5.187%
12	14.162	1141	1144	1148	rBV	10637	19414	2.00%	0.121%
13	14.700	1189	1191	1195	rBB	26164	39505	4.07%	0.246%
14	14.780	1195	1198	1203	rBB	16863	27759	2.86%	0.173%
15	15.134	1225	1229	1232	rBB	180949	290465	29.93%	1.807%
16	15.203	1232	1235	1238	rBB	20104	29996	3.09%	0.187%
17	16.323	1330	1333	1336	rBV	31000	41061	4.23%	0.255%
18	16.711	1365	1367	1370	rBV	88157	101118	10.42%	0.629%
19	16.768	1370	1372	1375	rBV	410499	573718	59.11%	3.568%
20	17.557	1436	1441	1445	rBV2	37835	75698	7.80%	0.471%
21	17.694	1449	1453	1456	rVB	13447	19651	2.02%	0.122%
22	17.854	1465	1467	1469	rBV	207527	310982	32.04%	1.934%
23	17.889	1469	1470	1473	rVV	277785	388687	40.05%	2.417%
24	17.969	1473	1477	1480	rVB	116503	120860	12.45%	0.752%
25	18.037	1480	1483	1484	rBV2	11200	19560	2.02%	0.122%
26	18.060	1484	1485	1490	rVB	16182	25161	2.59%	0.156%
27	18.254	1499	1502	1504	rBV	25570	36720	3.78%	0.228%
28	18.311	1504	1507	1512	rVV	46073	78923	8.13%	0.491%
29	18.449	1514	1519	1522	rVB5	4729	17539	1.81%	0.109%
30	18.597	1530	1532	1534	rBV	42427	47943	4.94%	0.298%
31	18.631	1534	1535	1539	rVV	56370	59258	6.11%	0.369%
32	18.700	1539	1541	1542	rVV	22128	26271	2.71%	0.163%
33	18.734	1542	1544	1546	rVV	63091	99508	10.25%	0.619%
34	18.769	1546	1547	1550	rVV	26179	28987	2.99%	0.180%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
 Data File : BF076836.D
 Acq On : 13 Jan 2015 8:46
 Operator : IZ / TP
 Sample : G1030-07
 Misc : S
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-1(2-4)

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-BF010915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.826	1550	1552	1555	rVV	51085	64206	6.62%	0.399%
36	19.032	1567	1570	1575	rVB2	40346	68325	7.04%	0.425%
37	19.352	1595	1598	1599	rBV	19144	27118	2.79%	0.169%
38	19.386	1599	1601	1603	rVV2	9077	17667	1.82%	0.110%
39	19.432	1603	1605	1606	rVV2	14827	19873	2.05%	0.124%
40	19.534	1611	1614	1616	rBV	686311	762447	78.56%	4.742%
41	19.649	1622	1624	1628	rBV2	11088	17799	1.83%	0.111%
42	19.717	1628	1630	1631	rBV	20567	26974	2.78%	0.168%
43	19.820	1636	1639	1641	rBV	570885	712721	73.43%	4.433%
44	19.900	1644	1646	1648	rVB	23363	24500	2.52%	0.152%
45	19.969	1648	1652	1653	rBV3	40643	51971	5.35%	0.323%
46	19.992	1653	1654	1655	rBV	22743	25313	2.61%	0.157%
47	20.026	1655	1657	1659	rVB2	34561	49336	5.08%	0.307%
48	20.072	1659	1661	1664	rBV	603664	782942	80.67%	4.869%
49	20.129	1664	1666	1668	rVB	23348	32477	3.35%	0.202%
50	20.266	1672	1678	1680	rBV	68968	148809	15.33%	0.926%
51	20.346	1683	1685	1687	rBV	77400	85076	8.77%	0.529%
52	20.380	1687	1688	1692	rBV3	36066	70135	7.23%	0.436%
53	20.495	1695	1698	1700	rVB2	27095	45538	4.69%	0.283%
54	20.643	1709	1711	1715	rVB3	13778	17695	1.82%	0.110%
55	20.723	1715	1718	1720	rBV	19930	25499	2.63%	0.159%
56	20.803	1724	1725	1728	rVB3	13993	18639	1.92%	0.116%
57	20.860	1728	1730	1731	rBV	41169	44360	4.57%	0.276%
58	20.895	1731	1733	1737	rVB3	39118	66306	6.83%	0.412%
59	21.032	1741	1745	1747	rBV2	56638	66493	6.85%	0.414%
60	21.077	1747	1749	1751	rVB2	52306	80131	8.26%	0.498%
61	21.123	1751	1753	1755	rVB2	31907	38512	3.97%	0.240%
62	21.169	1755	1757	1760	rVB	37796	53614	5.52%	0.333%
63	21.249	1760	1764	1767	rBV	21314	39431	4.06%	0.245%
64	21.340	1767	1772	1774	rBV2	432768	970559	100.00%	6.036%
65	21.375	1774	1775	1778	rVB2	243975	326907	33.68%	2.033%
66	21.466	1782	1783	1785	rBV	51206	68155	7.02%	0.424%
67	21.546	1787	1790	1792	rBV4	12359	35677	3.68%	0.222%
68	21.603	1793	1795	1798	rVB2	42380	70179	7.23%	0.436%
69	21.660	1798	1800	1802	rBV	34495	57090	5.88%	0.355%
70	21.729	1804	1806	1807	rBV2	16327	18678	1.92%	0.116%
71	21.843	1814	1816	1818	rBV	48804	82738	8.52%	0.515%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
 Data File : BF076836.D
 Acq On : 13 Jan 2015 8:46
 Operator : IZ / TP
 Sample : G1030-07
 Misc : S
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3-SS-1(2-4)

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-BF010915.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	21.889	1818	1820	1822	rVB	33325	36336	3.74%	0.226%
73	21.958	1822	1826	1827	rBV2	26687	49615	5.11%	0.309%
74	22.118	1838	1840	1843	rBV2	30574	48885	5.04%	0.304%
75	22.243	1849	1851	1853	rVB3	26966	34986	3.60%	0.218%
76	22.449	1865	1869	1872	rVB2	19476	48226	4.97%	0.300%
77	22.518	1872	1875	1877	rBV3	22137	54741	5.64%	0.340%
78	22.563	1877	1879	1882	rVB3	17652	41048	4.23%	0.255%
79	22.632	1882	1885	1890	rBV	266668	618955	63.77%	3.850%
80	22.746	1892	1895	1898	rVB2	55352	95113	9.80%	0.592%
81	22.803	1898	1900	1902	rBV2	19719	27913	2.88%	0.174%
82	22.872	1902	1906	1907	rBV3	23159	50895	5.24%	0.317%
83	22.906	1907	1909	1910	rVV2	22721	40926	4.22%	0.255%
84	22.940	1910	1912	1915	rVV	168774	216506	22.31%	1.347%
85	22.998	1915	1917	1920	rVV	241018	316178	32.58%	1.966%
86	23.066	1920	1923	1927	rVV2	226249	381638	39.32%	2.374%
87	23.135	1927	1929	1932	rVB4	12122	21383	2.20%	0.133%
88	23.272	1937	1941	1942	rBV4	20672	60557	6.24%	0.377%
89	23.569	1965	1967	1969	rBV2	19906	25949	2.67%	0.161%
90	23.695	1975	1978	1979	rBV2	32227	54376	5.60%	0.338%
91	24.015	2003	2006	2007	rBV3	33208	55826	5.75%	0.347%
92	24.152	2016	2018	2023	rVV	38058	80828	8.33%	0.503%
93	24.266	2025	2028	2032	rVB2	129726	251792	25.94%	1.566%
94	24.404	2037	2040	2042	rBV	35229	72307	7.45%	0.450%
95	24.575	2052	2055	2058	rBV	99142	165042	17.00%	1.026%
96	24.735	2066	2069	2073	rBV2	53067	107693	11.10%	0.670%
97	25.204	2108	2110	2118	rVB3	47145	170067	17.52%	1.058%
98	25.741	2155	2157	2160	rBV4	14459	41010	4.23%	0.255%
99	26.141	2188	2192	2197	rVB3	31563	122841	12.66%	0.764%
100	26.895	2256	2258	2259	rBV2	17823	27436	2.83%	0.171%

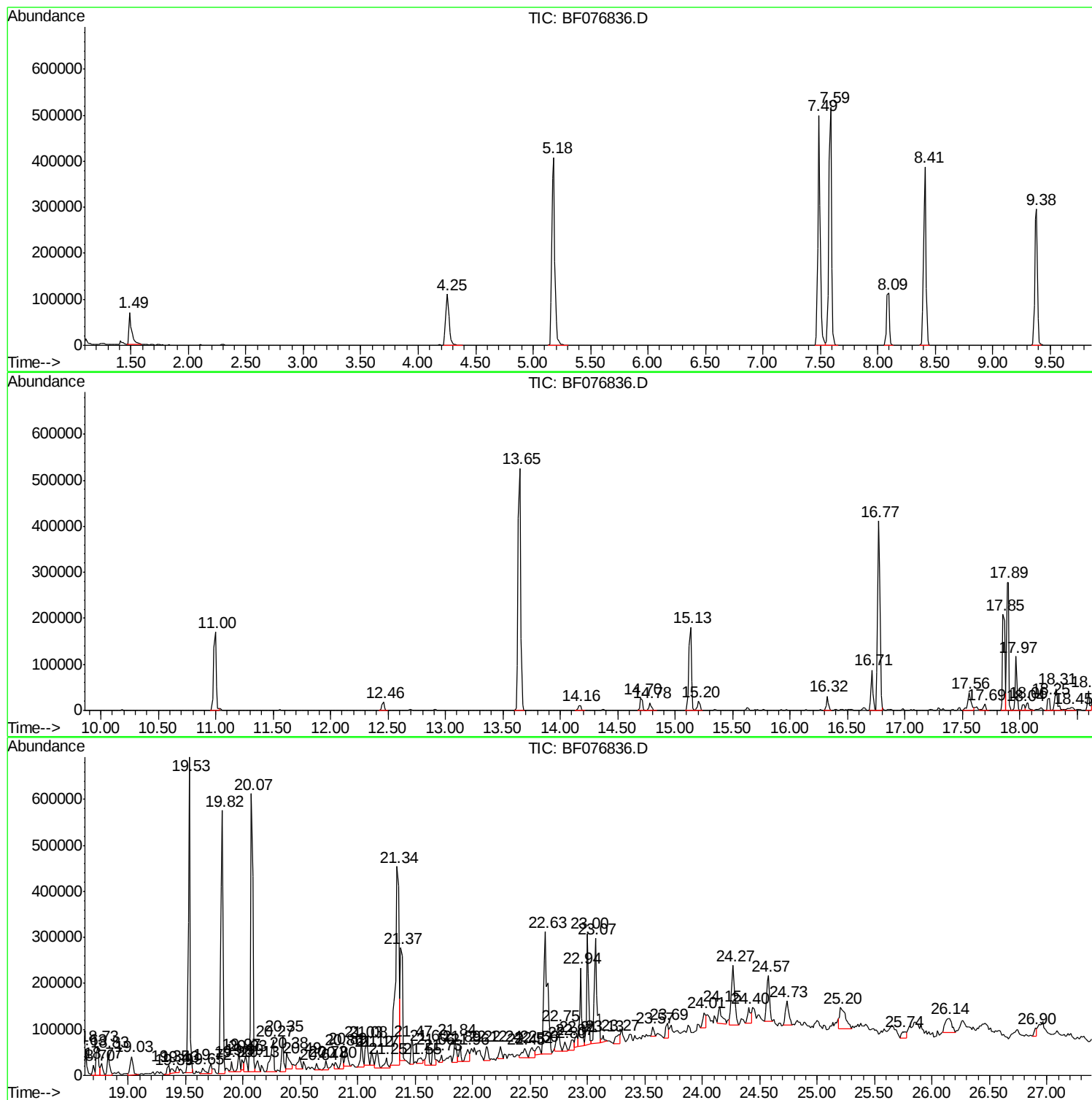
Sum of corrected areas: 16078725

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

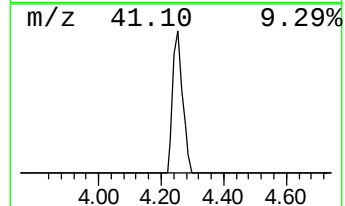
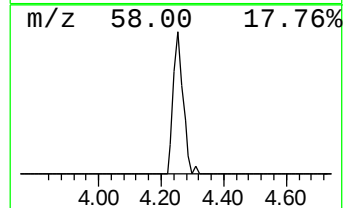
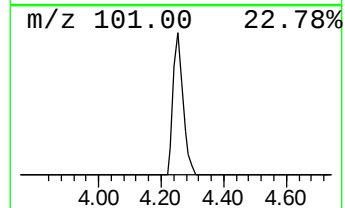
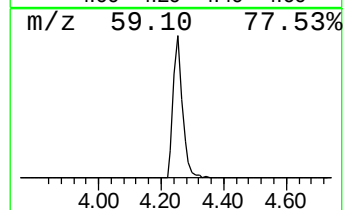
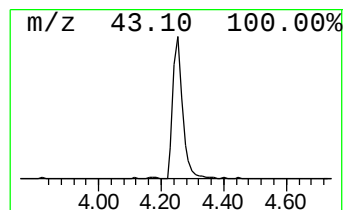
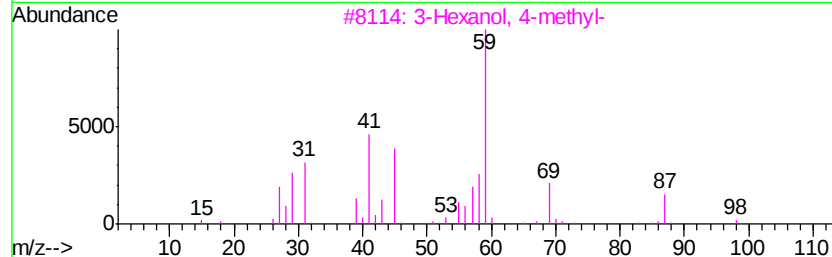
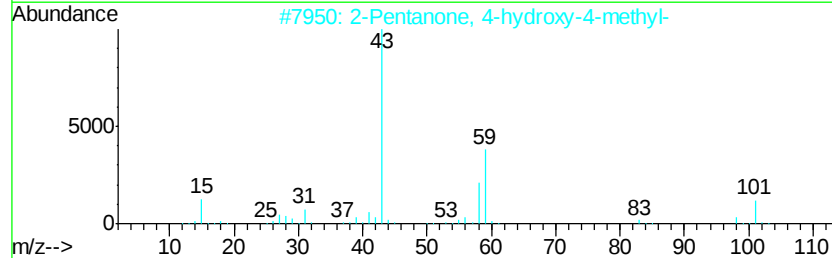
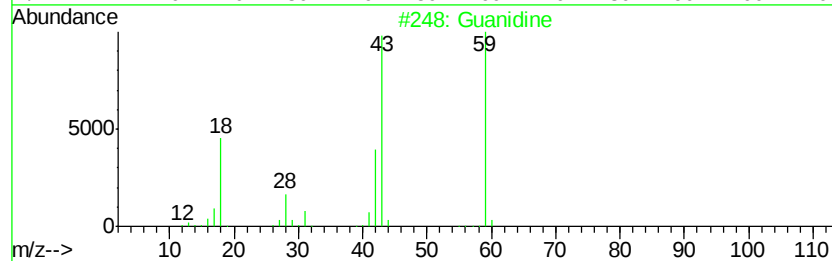
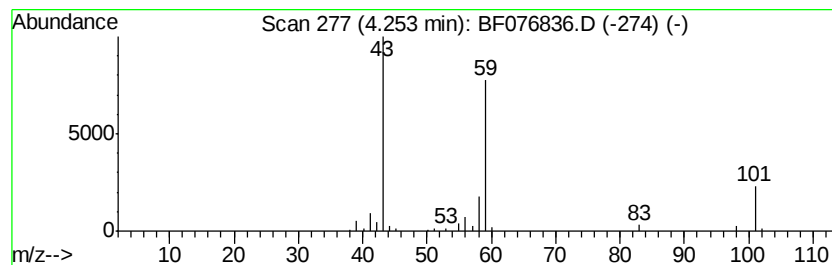
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Guanine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	23.32 ng	225438	1,4-Dichlorobenzene-d4	8.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanine		59	CH5N3	000113-00-8	50
2	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	45
3	3-Hexanol, 4-methyl-		116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethyl-		141	C7H11NO2	001116-98-9	33
5	4-Penten-2-one, 4-methyl-		98	C6H10O	003744-02-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

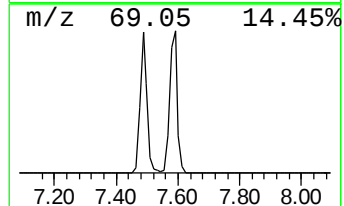
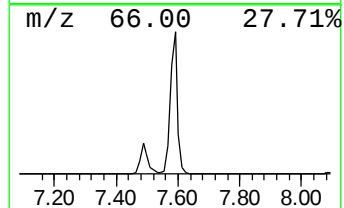
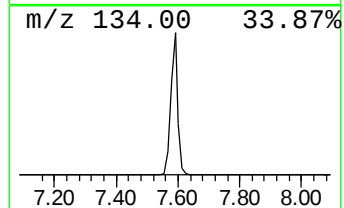
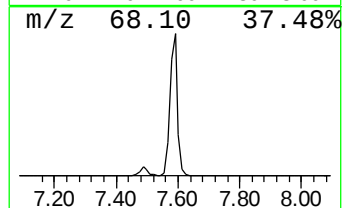
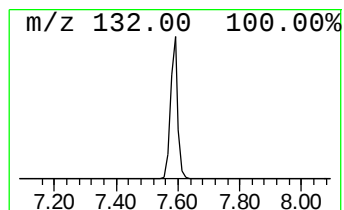
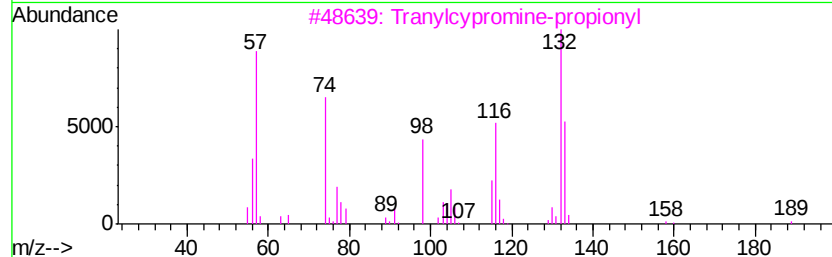
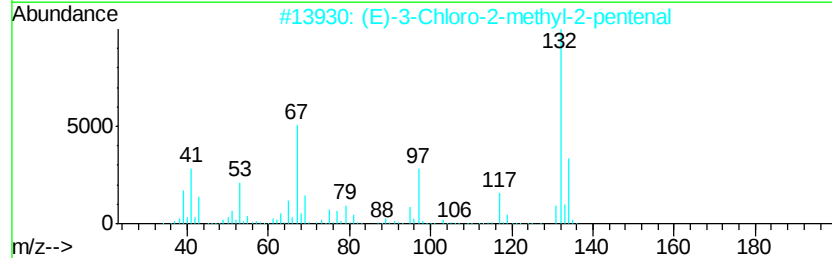
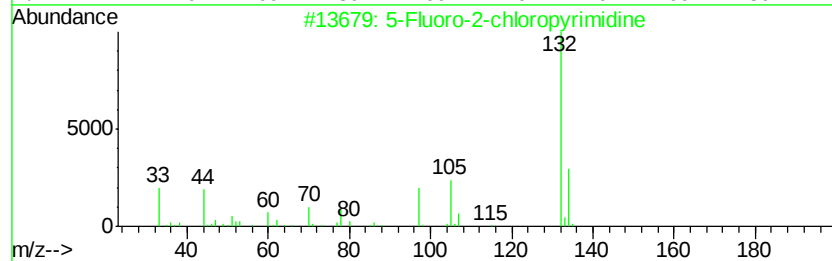
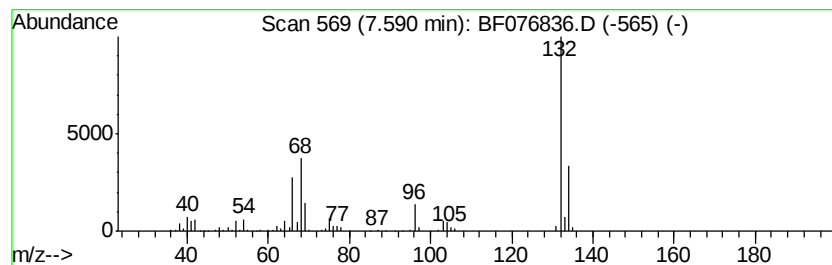
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	87.12 ng	842045	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

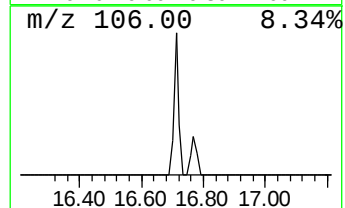
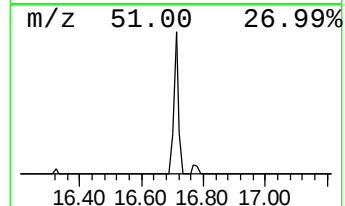
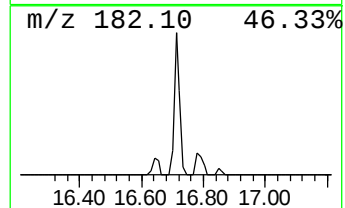
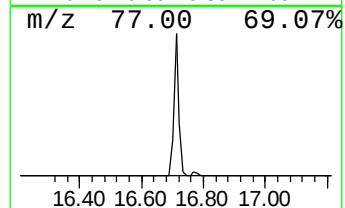
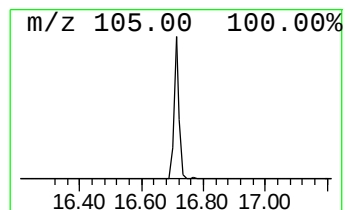
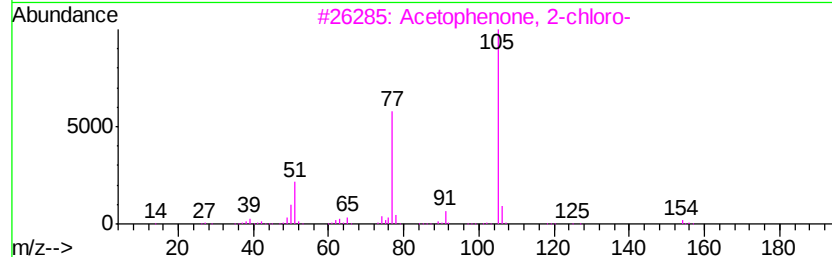
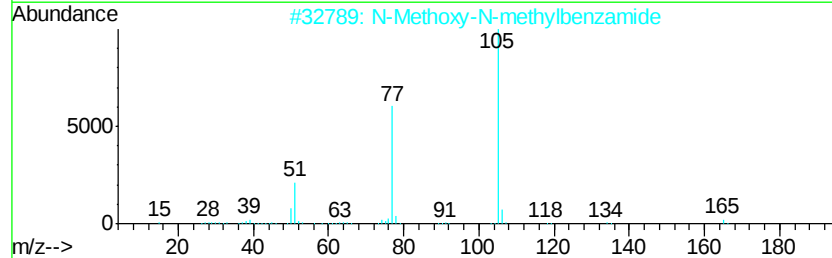
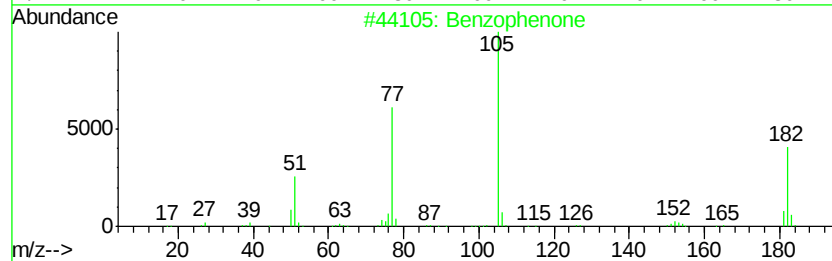
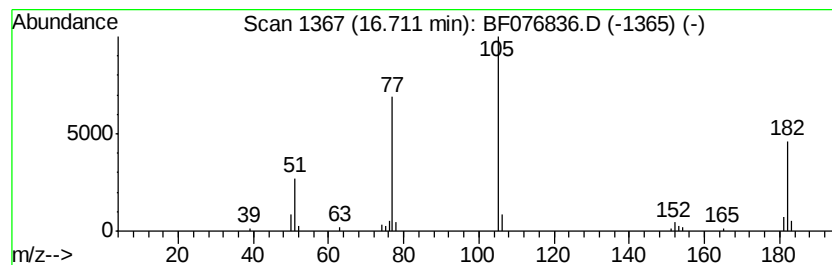
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	6.50 ng	101118	Phenanthrene-d10	17.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	97
2		N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
3		Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4		Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	47
5		Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

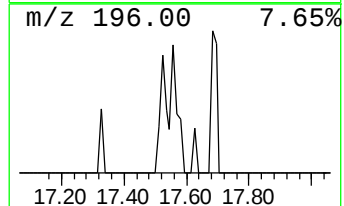
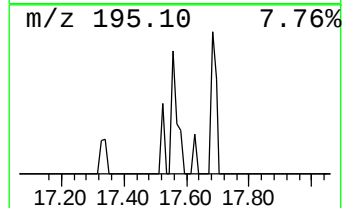
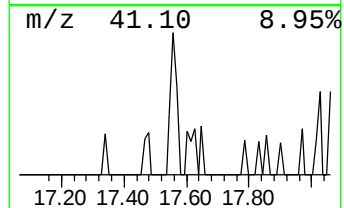
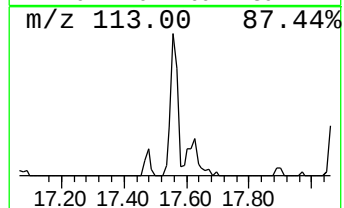
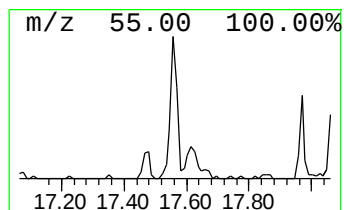
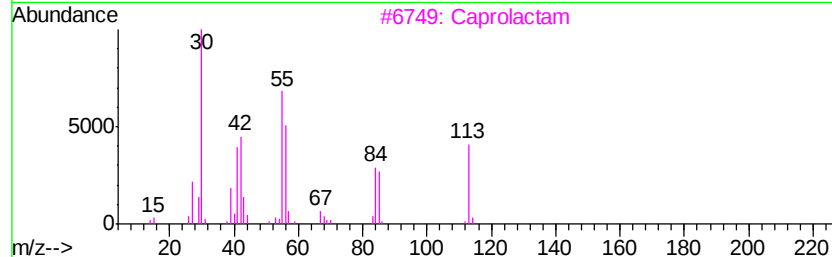
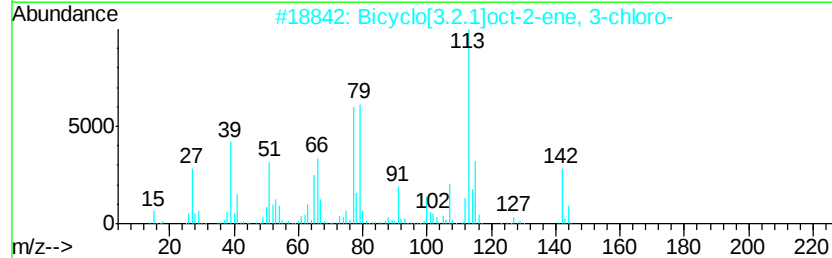
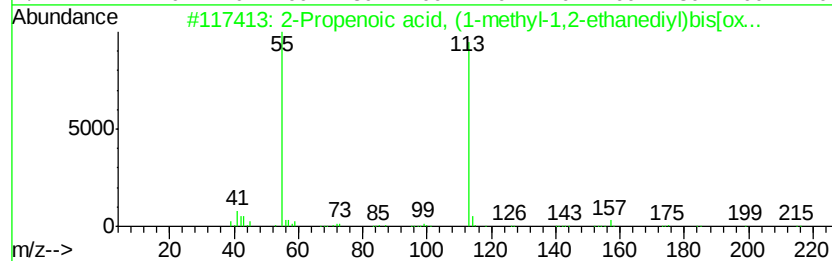
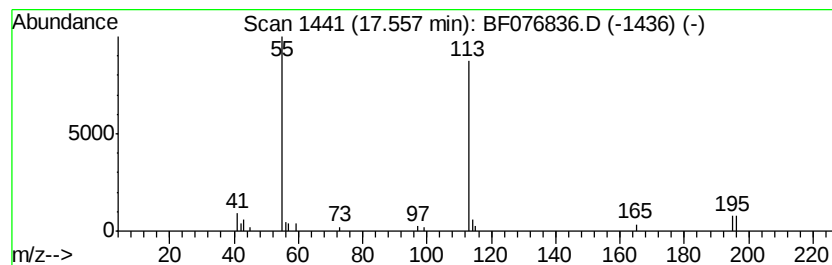
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-Propenoic acid, (1-methyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	4.87 ng	75698	Phenanthrene-d10	17.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	72
2			Bicyclo[3.2.1]oct-2-ene, 3-chloro-	142	C8H11Cl	035242-17-2	9
3			Caprolactam	113	C6H11NO	000105-60-2	9
4			2-Propenoic acid, 2-methyl-, oxy...	330	C16H26O7	000109-17-1	9
5			(1-Propoxy-pentyl)-cyclopropane	170	C11H22O	094883-97-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

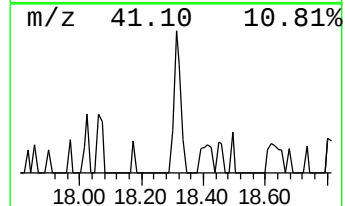
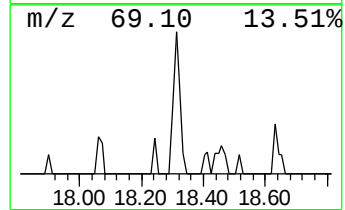
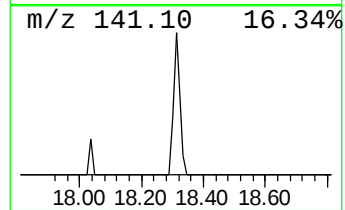
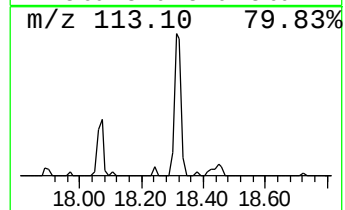
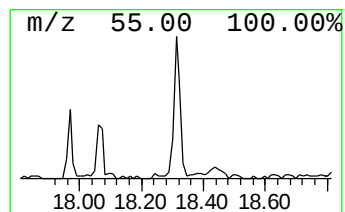
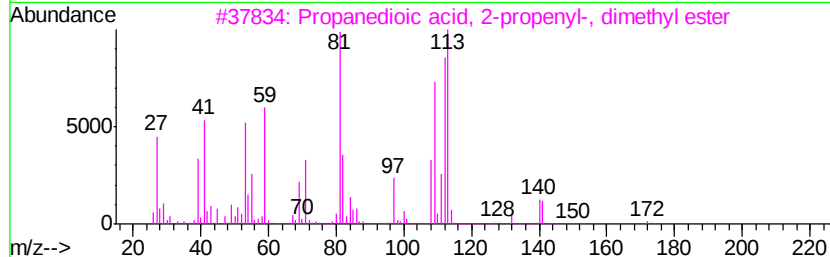
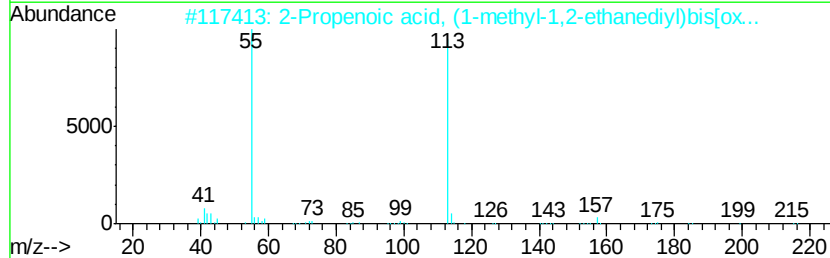
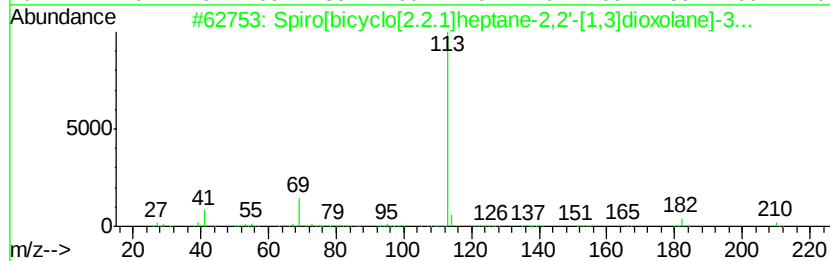
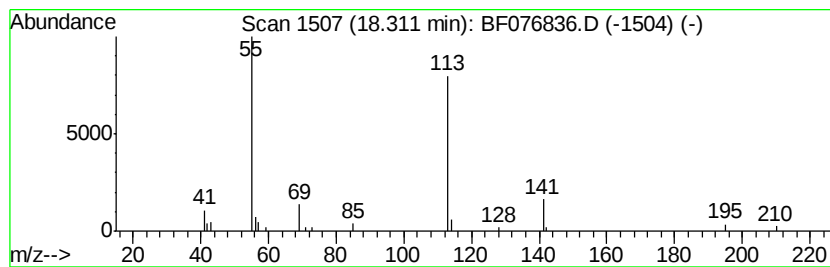
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown18.31 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	5.08 ng	78923	Phenanthrene-d10	17.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spino[bicyclo[2.2.1]heptane-2,2'...	210	C12H18O3	018501-56-9	42
2		2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	42
3		Propanedioic acid, 2-propenyl-, ...	172	C8H12O4	040637-56-7	38
4		1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	9
5		1,3,2-Dioxaborinane, 2-ethyl-4-m...	128	C6H13BO2	057633-65-5	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

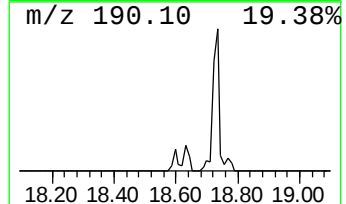
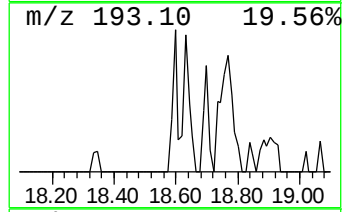
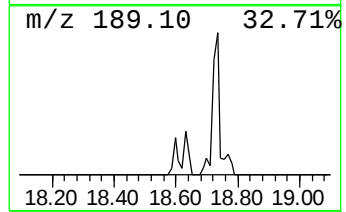
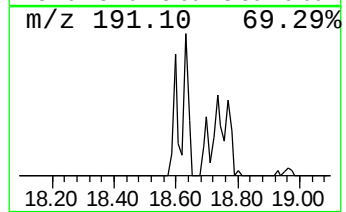
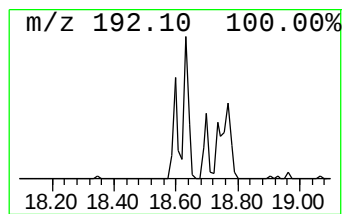
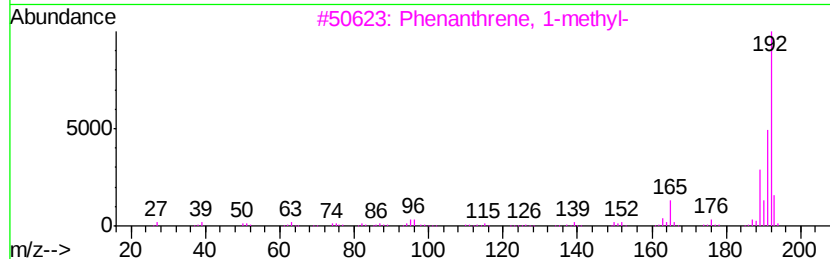
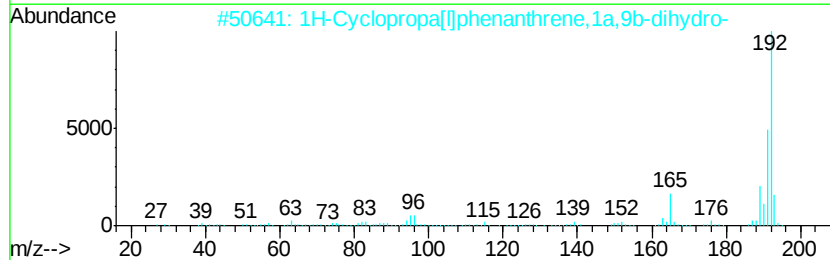
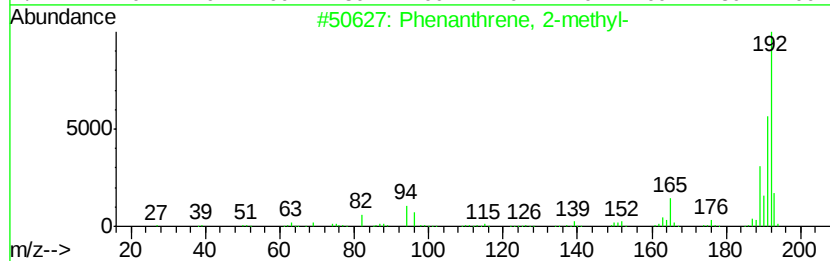
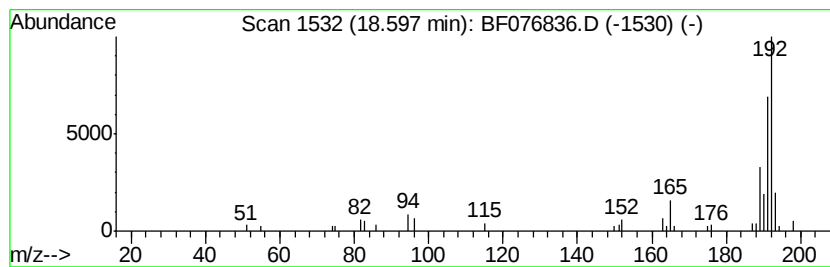
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	3.08 ng	47943	Phenanthrene-d10	17.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

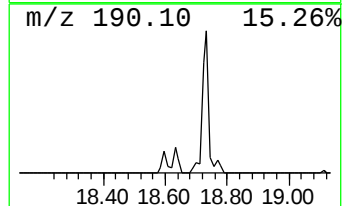
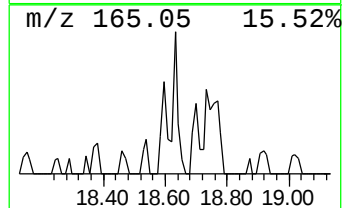
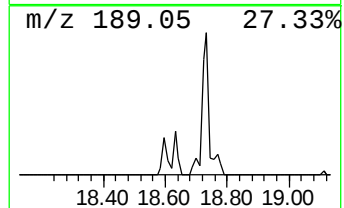
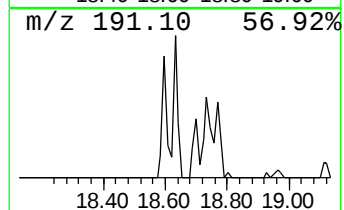
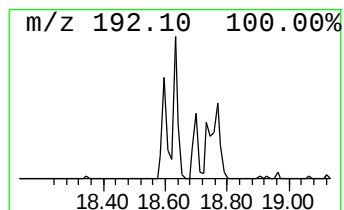
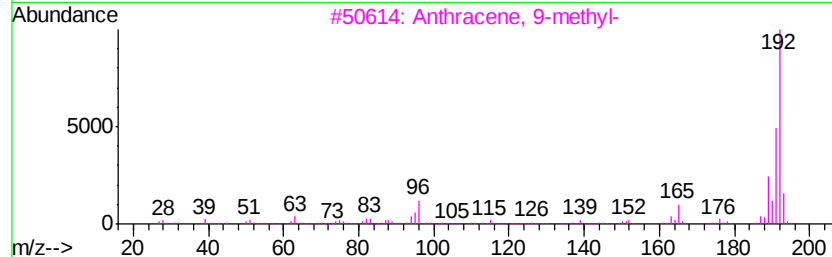
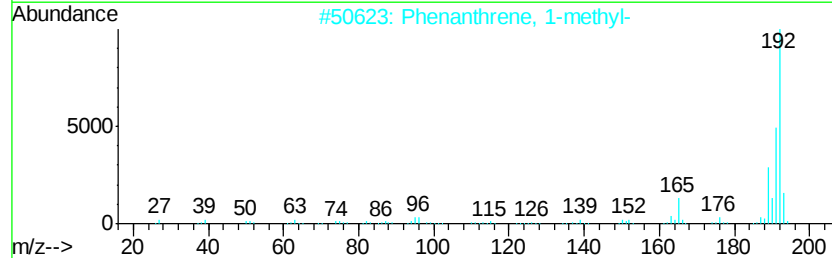
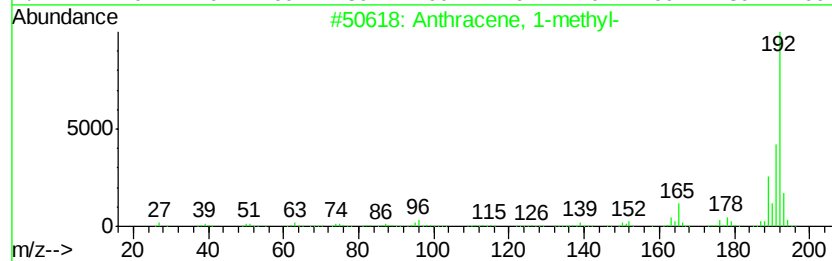
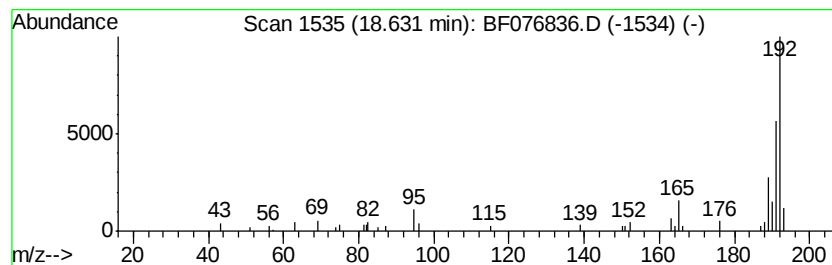
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	3.81 ng	59258	Phenanthrene-d10	17.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

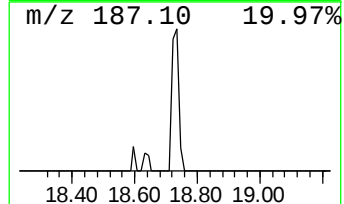
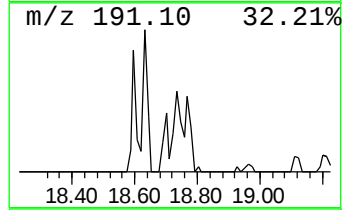
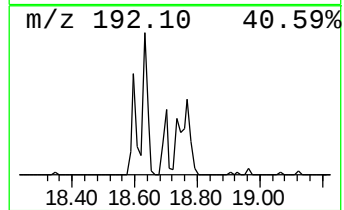
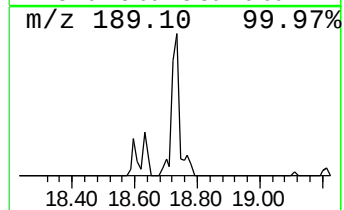
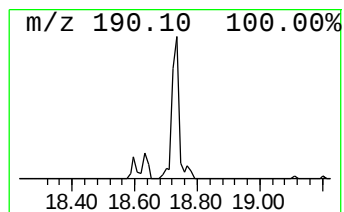
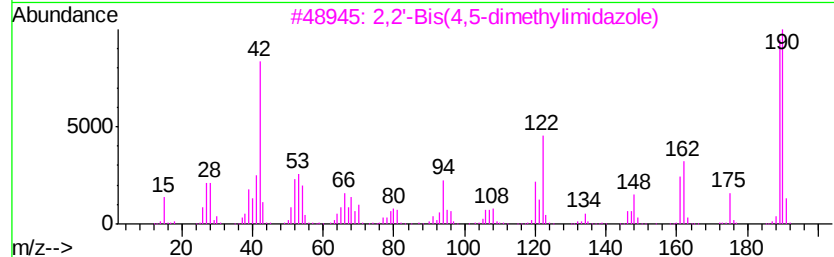
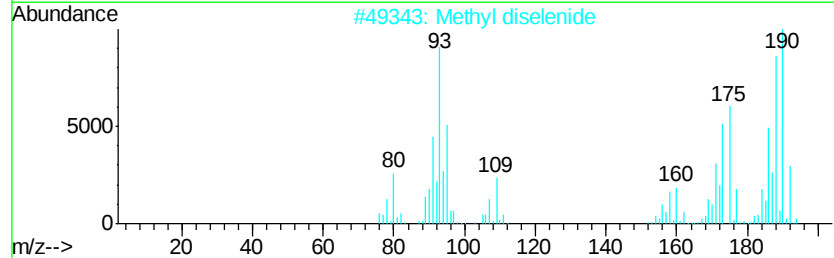
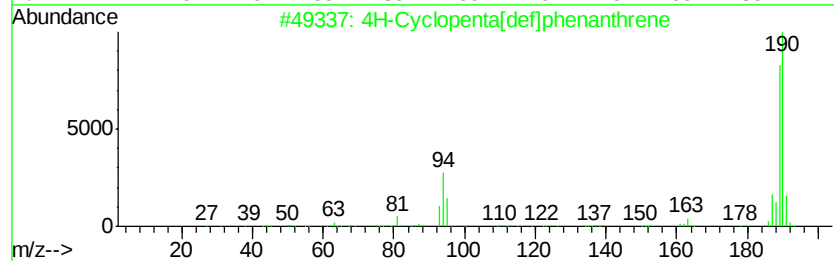
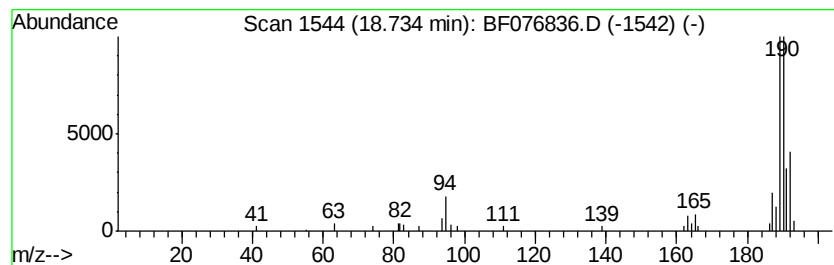
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	6.40 ng	99508	Phenanthrene-d10	17.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
2		Methyl diselenide	190	C2H6Se2	007101-31-7	45
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4		4-Cyano-4-hydroxy-3-methyl-2-phe...	216	C13H16N2O	1000216-11-7	14
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	12



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

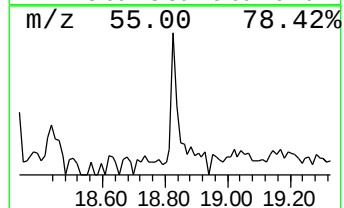
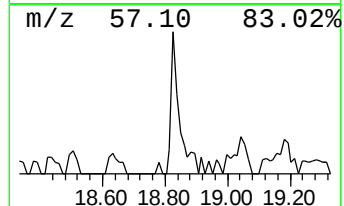
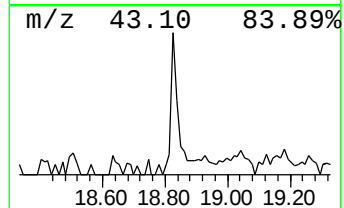
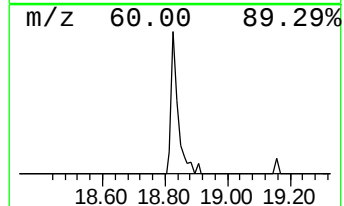
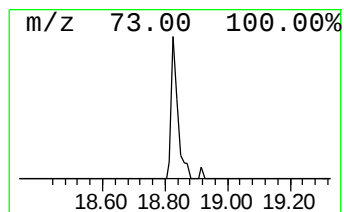
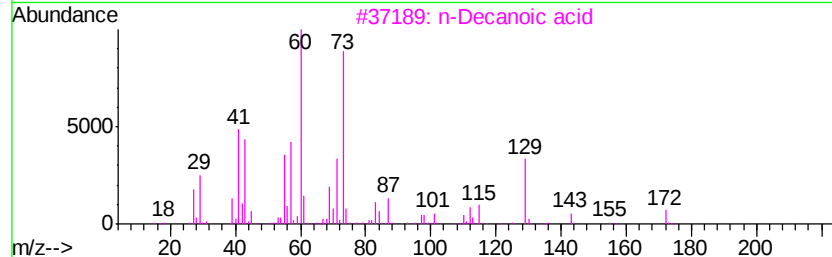
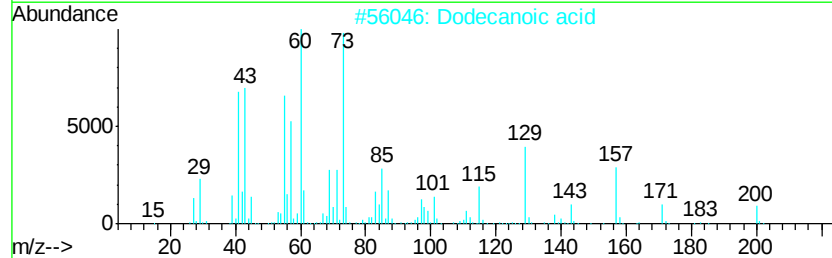
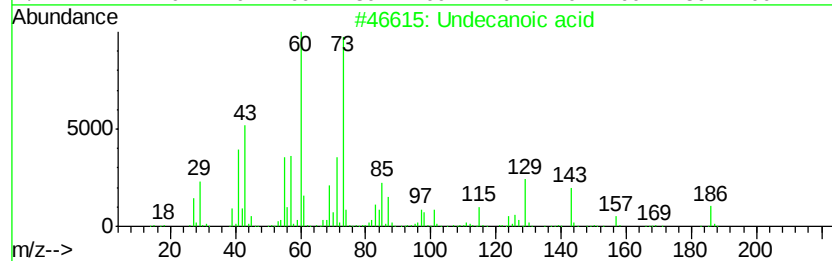
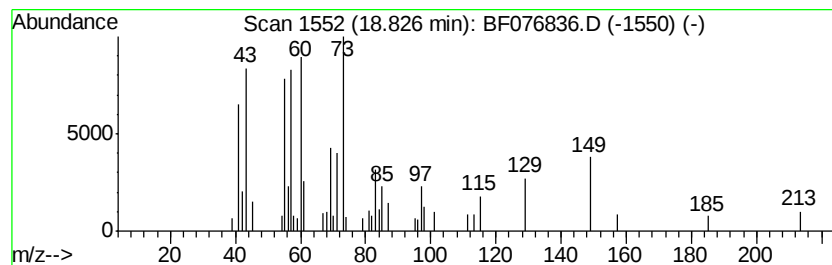
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Undecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	4.13 ng	64206	Phenanthrene-d10	17.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecanoic acid	186	C11H22O2	000112-37-8	58
2		Dodecanoic acid	200	C12H24O2	000143-07-7	50
3		n-Decanoic acid	172	C10H20O2	000334-48-5	50
4		Lactose	342	C12H22O11	000063-42-3	50
5		Butyraldehyde, semicarbazone	129	C5H11N3O	013183-21-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

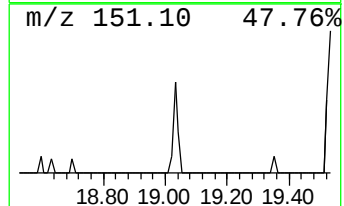
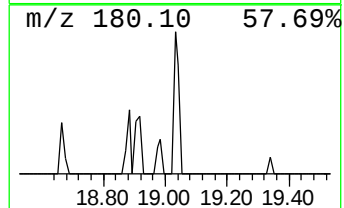
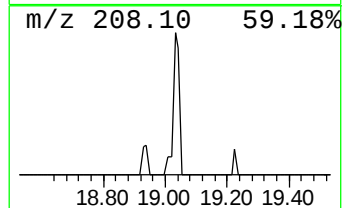
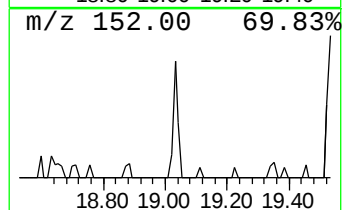
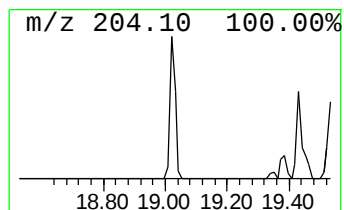
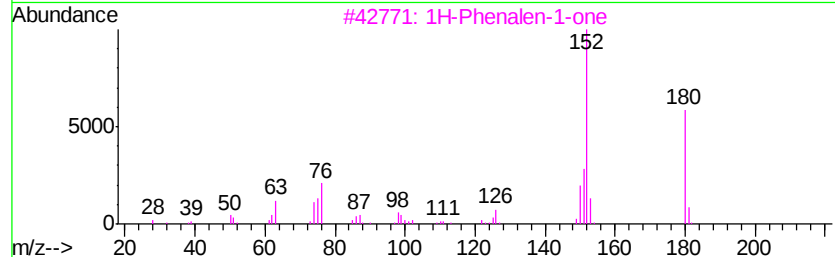
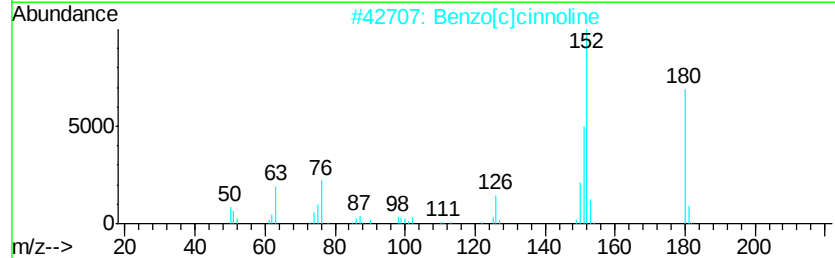
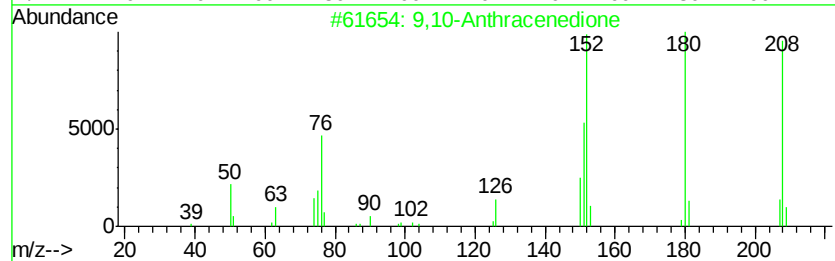
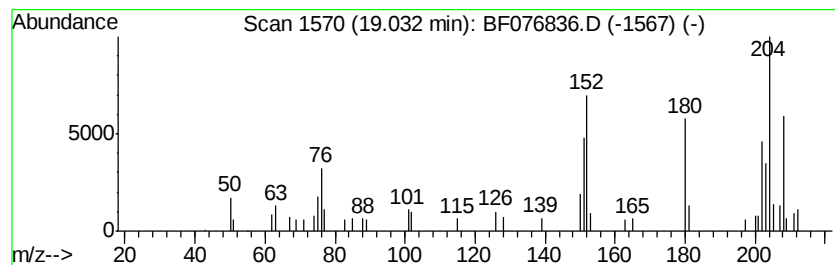
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.03	4.39 ng	68325	Phenanthrene-d10	17.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
2			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	38
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	30
4			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	30
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

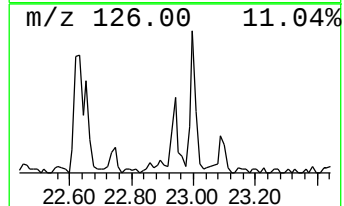
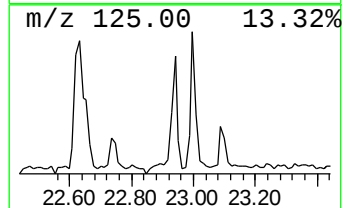
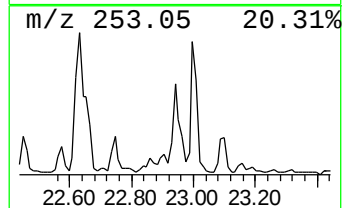
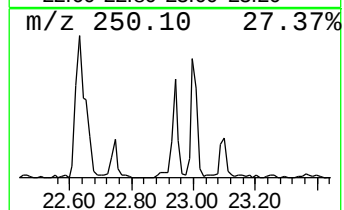
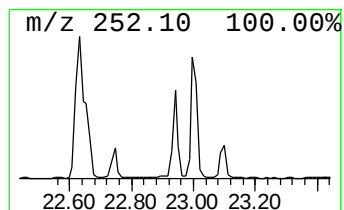
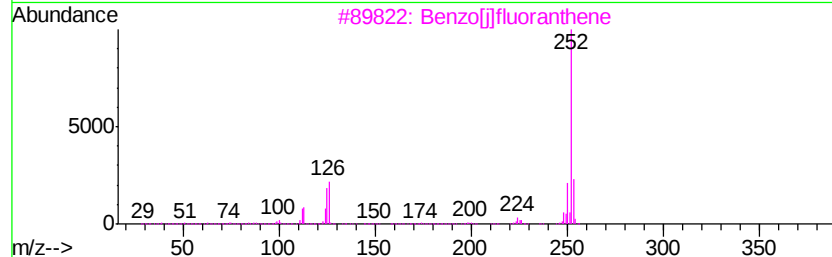
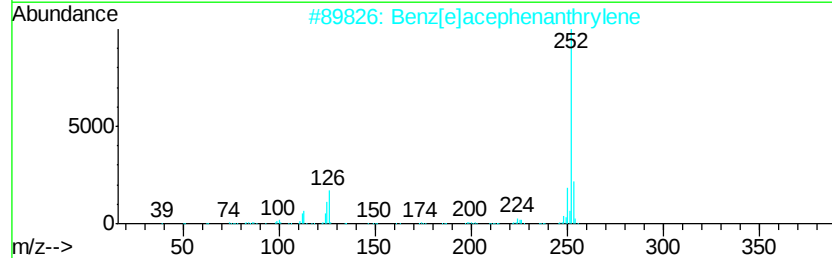
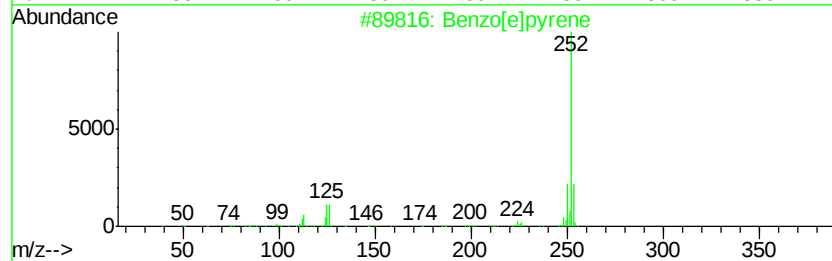
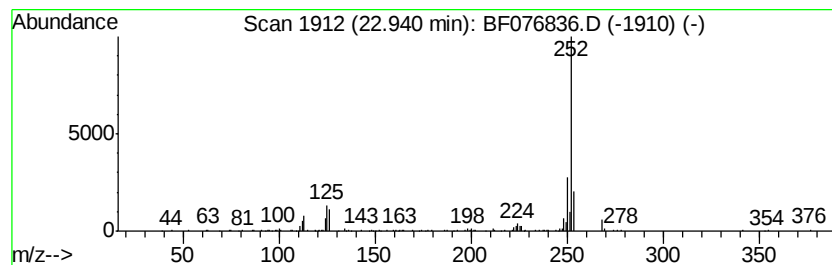
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	11.35 ng	216506	Perylene-d12	23.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

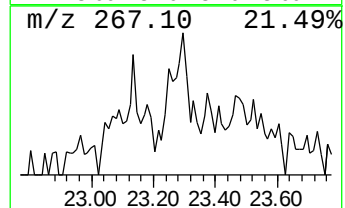
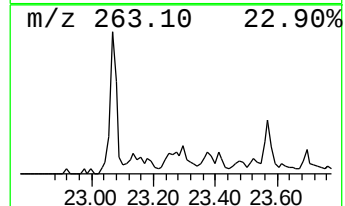
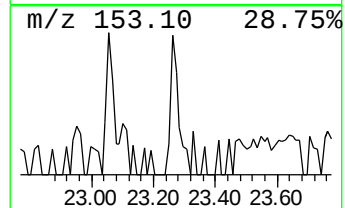
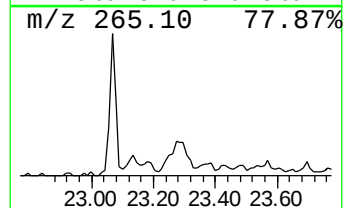
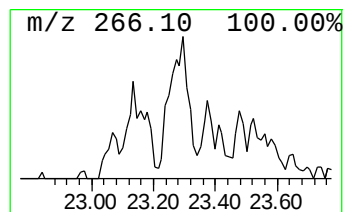
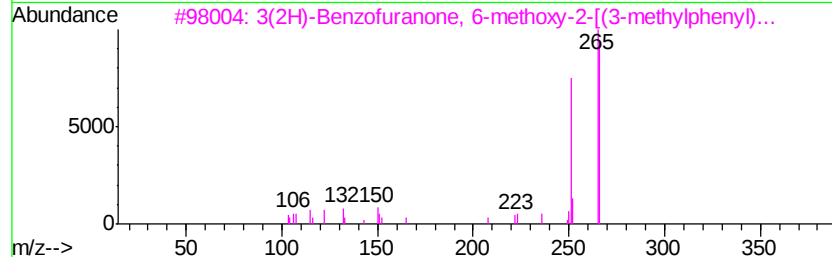
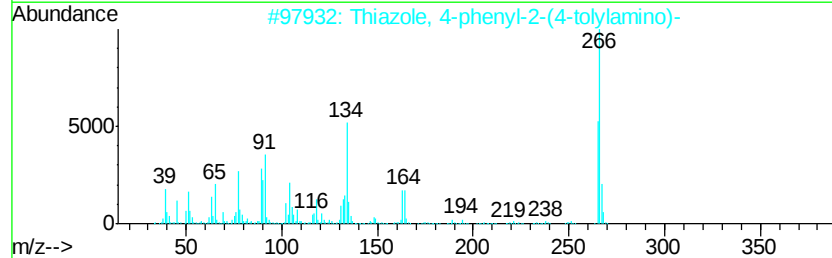
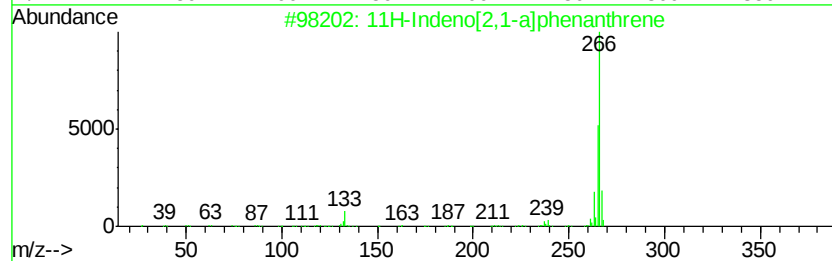
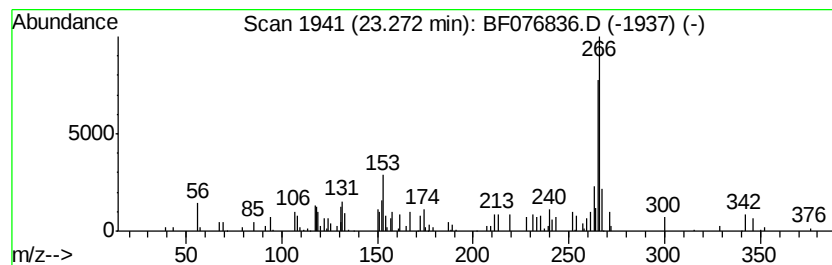
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 11H-Indeno[2,1-a]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.17 ng	60557	Perylene-d12	23.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	50
2		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	50
3		3(2H)-Benzofuranone, 6-methoxy-2...	266	C17H14O3	077764-86-4	49
4		3(2H)-Benzofuranone, 6-methoxy-2...	266	C17H14O3	077764-87-5	49
5		Spiro(pyrazole-3,9'-fluorene), 5...	294	C21H14N2	158525-20-3	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

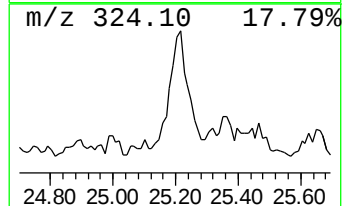
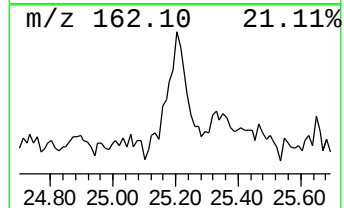
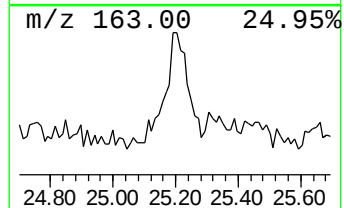
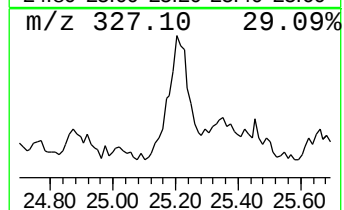
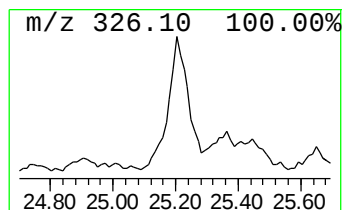
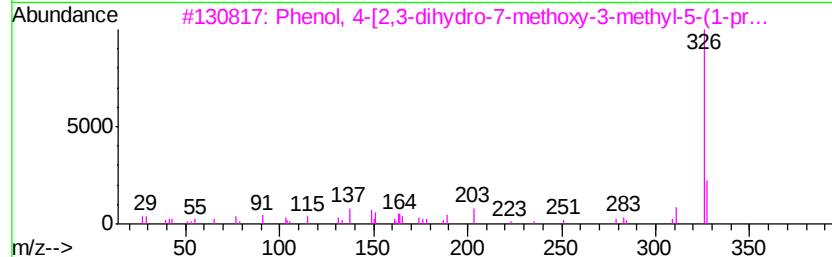
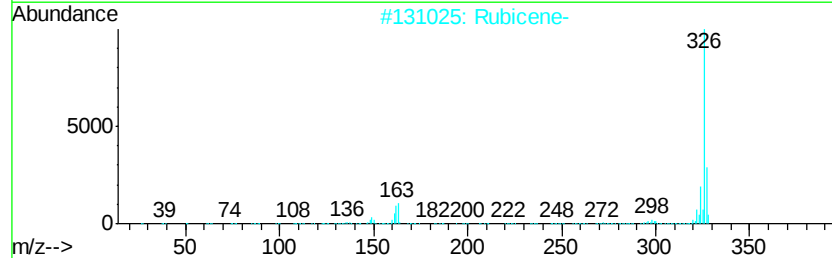
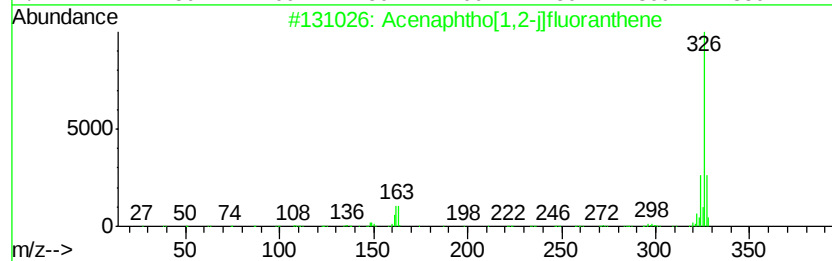
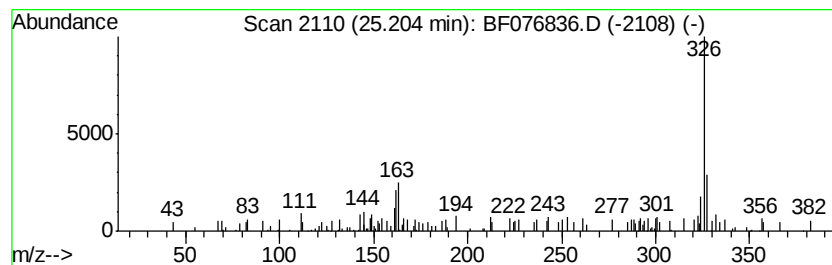
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Acenaphtho[1,2-j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.20	8.91 ng	170067	Perylene-d12	23.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphtho[1,2-il]fluoranthene	326	C26H14	000193-21-5	81
2		Rubicene-	326	C26H14	000197-61-5	72
3		Phenol, 4-[2,3-dihydro-7-methoxyv...	326	C20H22O4	002680-81-1	47
4		1H-12a,5-(Epoxyethano)pyrido[3'...	326	C19H22N2O3	003329-95-1	46
5		1-Phosphacyclopent-2-ene, 5-meth...	326	C23H19P	1000161-36-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

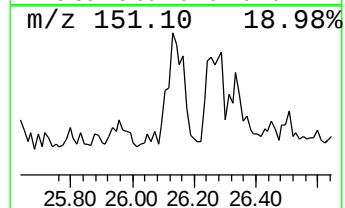
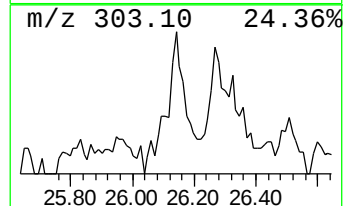
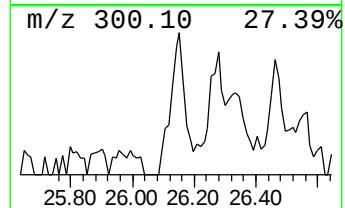
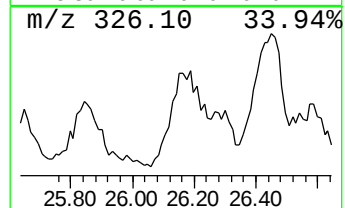
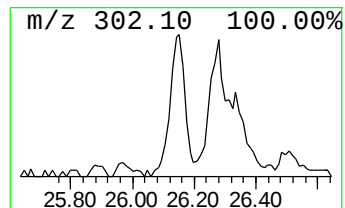
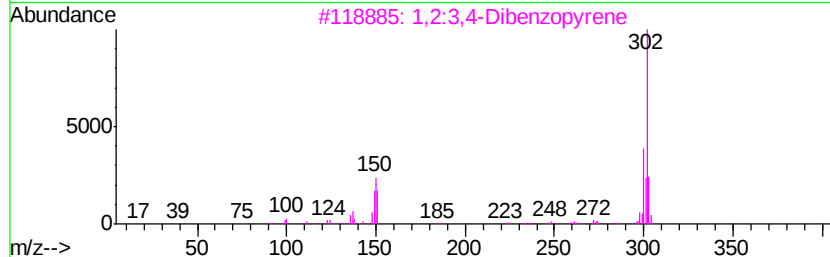
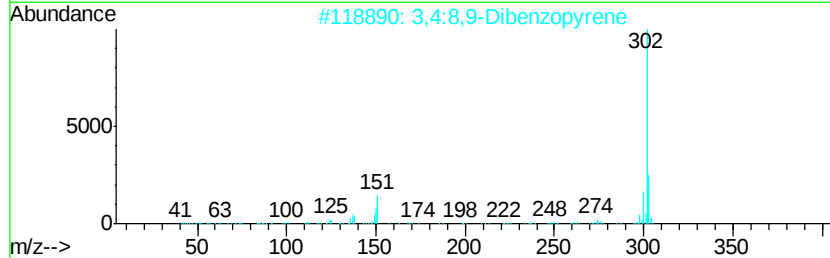
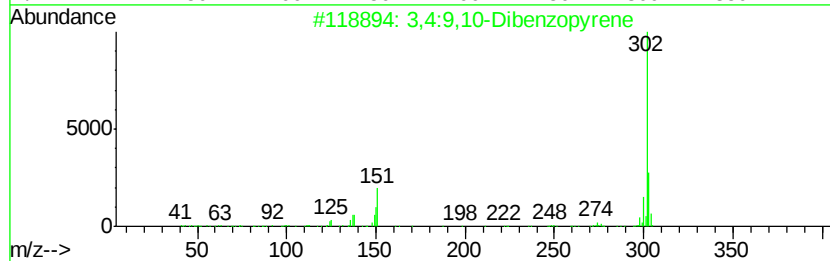
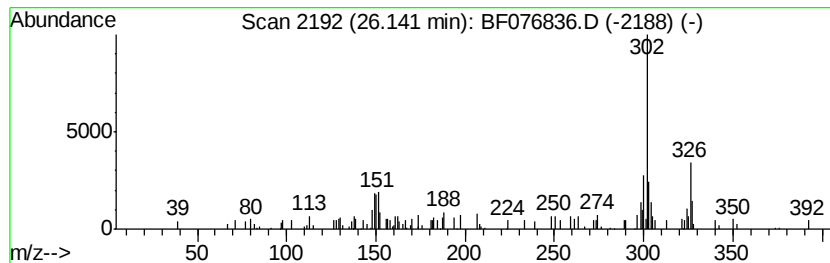
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown26.14 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	6.44 ng	122841	Perylene-d12	23.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopvrene			302	C24H14	000189-55-9	46
2	3,4:8,9-Dibenzopvrene			302	C24H14	000189-64-0	46
3	1,2:3,4-Dibenzopvrene			302	C24H14	000191-30-0	46
4	2-Methylthio-4,6-diamino-5-[p-ac...			302	C13H14N6OS	1000257-31-7	43
5	Chromium, pentamethylcyclopentad...			302	C19H22Cr	1000158-08-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011215\
Data File : BF076836.D
Acq On : 13 Jan 2015 8:46
Operator : IZ / TP
Sample : G1030-07
Misc : S
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP3-SS-1(2-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Guanidine	4.25	23.3	ng	225438	1	8.09	193312	20.0
unknown7.59	7.59	87.1	ng	842045	1	8.09	193312	20.0
Benzophenone	16.71	6.5	ng	101118	4	17.87	310982	20.0
2-Propenoic acid,...	17.56	4.9	ng	75698	4	17.87	310982	20.0
unknown18.31	18.31	5.1	ng	78923	4	17.87	310982	20.0
Phenanthrene, 2-m...	18.60	3.1	ng	47943	4	17.87	310982	20.0
Anthracene, 1-met...	18.63	3.8	ng	59258	4	17.87	310982	20.0
4H-Cyclopenta[def...	18.73	6.4	ng	99508	4	17.87	310982	20.0
Undecanoic acid	18.83	4.1	ng	64206	4	17.87	310982	20.0
9,10-Anthracenedione	19.03	4.4	ng	68325	4	17.87	310982	20.0
Benzo[e]pyrene	22.94	11.4	ng	216506	6	23.07	381638	20.0
11H-Indeno[2,1-a]...	23.27	3.2	ng	60557	6	23.07	381638	20.0
Acenaphtho[1,2-j]...	25.20	8.9	ng	170067	6	23.07	381638	20.0
unknown26.14	26.14	6.4	ng	122841	6	23.07	381638	20.0