

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097310.D
 Acq On : 3 Aug 2017 10:08
 Operator : SJ/JU
 Sample : I4471-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSW

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-BF072517.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	2.875	163	168	179	rBV2	28666	63025	2.22%	0.186%
2	4.587	456	459	468	rBV	169989	291118	10.26%	0.857%
3	4.657	468	471	481	rVB	50920	71354	2.52%	0.210%
4	5.051	534	538	557	rBV	2438048	2754626	97.13%	8.109%
5	6.122	716	720	731	rBV	2507896	2836156	100.00%	8.349%
6	6.222	733	737	744	rVB	2512939	2640349	93.10%	7.773%
7	6.451	772	776	784	rBV	651905	656847	23.16%	1.934%
8	6.604	798	802	812	rVB	1968020	1843823	65.01%	5.428%
9	7.022	862	873	879	rBV	1661810	1679999	59.24%	4.946%
10	7.734	990	994	997	rBV	1049330	935374	32.98%	2.754%
11	8.181	1067	1070	1072	rBV2	40737	45912	1.62%	0.135%
12	8.810	1173	1177	1180	rBV	2223156	1975704	69.66%	5.816%
13	8.910	1189	1194	1197	rVB4	24839	35834	1.26%	0.105%
14	9.210	1242	1245	1251	rVB	471768	377219	13.30%	1.110%
15	9.434	1280	1283	1285	rBV2	38856	33212	1.17%	0.098%
16	9.475	1285	1290	1293	rVV	1080677	962403	33.93%	2.833%
17	9.510	1293	1296	1300	rVV	112451	111619	3.94%	0.329%
18	9.686	1322	1326	1329	rVB	42915	40625	1.43%	0.120%
19	9.928	1365	1367	1370	rVB	50823	47331	1.67%	0.139%
20	10.022	1379	1383	1386	rBV	138283	127931	4.51%	0.377%
21	10.151	1400	1405	1407	rVV3	46113	67767	2.39%	0.199%
22	10.181	1407	1410	1415	rVB3	35207	47526	1.68%	0.140%
23	10.263	1420	1424	1437	rVB	1429824	1431601	50.48%	4.214%
24	10.398	1445	1447	1454	rVB	77000	99488	3.51%	0.293%
25	10.569	1468	1476	1478	rBV2	45777	76160	2.69%	0.224%
26	10.592	1478	1480	1484	rVV2	68275	81130	2.86%	0.239%
27	10.645	1487	1489	1493	rVV2	35546	41118	1.45%	0.121%
28	10.716	1496	1501	1507	rVB5	33015	53228	1.88%	0.157%
29	10.810	1513	1517	1520	rBV2	58249	60003	2.12%	0.177%
30	10.845	1520	1523	1526	rBV	119800	101070	3.56%	0.298%
31	10.951	1537	1541	1543	rBV	956429	971467	34.25%	2.860%
32	10.975	1543	1545	1548	rVV	1139639	900698	31.76%	2.652%
33	11.022	1548	1553	1558	rVB	292509	287694	10.14%	0.847%
34	11.069	1558	1561	1563	rBV2	41708	41273	1.46%	0.122%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
 Data File : BF097310.D
 Acq On : 3 Aug 2017 10:08
 Operator : SJ/JU
 Sample : I4471-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSW

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.186	1577	1581	1584	rBV2	48001	53153	1.87%	0.156%
36	11.275	1593	1596	1599	rBV3	44310	52104	1.84%	0.153%
37	11.451	1622	1626	1628	rBV	247527	224459	7.91%	0.661%
38	11.480	1628	1631	1634	rVV	263919	259100	9.14%	0.763%
39	11.510	1634	1636	1637	rVV	94441	79772	2.81%	0.235%
40	11.528	1637	1639	1641	rVV	127639	108523	3.83%	0.319%
41	11.557	1641	1644	1647	rVV	384099	399030	14.07%	1.175%
42	11.580	1647	1648	1655	rVB	218125	154904	5.46%	0.456%
43	11.745	1673	1676	1679	rVV	113932	100640	3.55%	0.296%
44	11.780	1679	1682	1686	rVB2	55440	53384	1.88%	0.157%
45	11.892	1696	1701	1704	rBV2	71059	73184	2.58%	0.215%
46	11.928	1704	1707	1709	rBV	43970	38332	1.35%	0.113%
47	11.951	1709	1711	1715	rVB	42513	36316	1.28%	0.107%
48	11.998	1715	1719	1722	rBV	161486	165835	5.85%	0.488%
49	12.033	1722	1725	1727	rVV	98458	104799	3.70%	0.309%
50	12.057	1727	1729	1731	rVV2	65219	63552	2.24%	0.187%
51	12.092	1731	1735	1738	rVB3	57705	86369	3.05%	0.254%
52	12.151	1742	1745	1750	rBV	801970	759025	26.76%	2.234%
53	12.222	1755	1757	1762	rVB3	39161	47827	1.69%	0.141%
54	12.304	1764	1771	1772	rBV4	51730	63051	2.22%	0.186%
55	12.375	1779	1783	1786	rBV	936206	1027300	36.22%	3.024%
56	12.504	1802	1805	1806	rBV2	39716	36000	1.27%	0.106%
57	12.533	1806	1810	1813	rVV	1463716	1417779	49.99%	4.174%
58	12.604	1816	1822	1826	rBV3	87427	128536	4.53%	0.378%
59	12.686	1833	1836	1837	rBV2	62681	55680	1.96%	0.164%
60	12.710	1837	1840	1844	rVB	171795	172969	6.10%	0.509%
61	12.780	1848	1852	1855	rBV2	207005	274047	9.66%	0.807%
62	12.810	1855	1857	1865	rVV2	133591	179892	6.34%	0.530%
63	12.904	1869	1873	1875	rBV	80800	72031	2.54%	0.212%
64	12.933	1875	1878	1882	rVB	92009	74602	2.63%	0.220%
65	13.080	1897	1903	1905	rBV3	61153	71904	2.54%	0.212%
66	13.127	1905	1911	1914	rVV3	50116	83842	2.96%	0.247%
67	13.192	1919	1922	1925	rVV2	37099	46273	1.63%	0.136%
68	13.222	1925	1927	1931	rVB2	27493	34312	1.21%	0.101%
69	13.322	1940	1944	1946	rBV	49703	61654	2.17%	0.182%
70	13.345	1946	1948	1951	rVV	72815	68725	2.42%	0.202%
71	13.451	1963	1966	1975	rVB3	130043	209349	7.38%	0.616%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.569	1979	1986	1989	rBV2	708466	941161	33.18%	2.771%
73	13.598	1989	1991	1995	rVV	277695	232700	8.20%	0.685%
74	13.674	1999	2004	2011	rBV2	69223	84218	2.97%	0.248%
75	13.745	2011	2016	2017	rBV4	20381	34432	1.21%	0.101%
76	13.957	2048	2052	2056	rVV	103778	124979	4.41%	0.368%
77	13.992	2056	2058	2060	rVV	52989	45445	1.60%	0.134%
78	14.069	2062	2071	2075	rVV4	98778	259091	9.14%	0.763%
79	14.104	2075	2077	2080	rVV2	73660	83709	2.95%	0.246%
80	14.286	2102	2108	2111	rBV5	35698	55731	1.97%	0.164%
81	14.363	2118	2121	2125	rVB3	39218	46521	1.64%	0.137%
82	14.563	2149	2155	2164	rBV	221934	377022	13.29%	1.110%
83	14.645	2164	2169	2173	rVB3	83934	105913	3.73%	0.312%
84	14.698	2174	2178	2184	rBV8	25985	57758	2.04%	0.170%
85	14.810	2193	2197	2203	rVB	129795	134697	4.75%	0.397%
86	14.863	2203	2206	2210	rBV	190483	190154	6.70%	0.560%
87	14.916	2210	2215	2218	rBV	437198	481168	16.97%	1.416%
88	15.104	2243	2247	2251	rVB6	18402	37642	1.33%	0.111%
89	15.310	2279	2282	2286	rBV2	52609	65067	2.29%	0.192%
90	15.380	2289	2294	2304	rVV2	44651	125075	4.41%	0.368%
91	15.710	2346	2350	2359	rVB3	33887	62448	2.20%	0.184%
92	16.121	2415	2420	2424	rBV	58739	89562	3.16%	0.264%
93	16.174	2426	2429	2435	rVB3	31985	53394	1.88%	0.157%
94	16.480	2474	2481	2491	rBV	43599	105435	3.72%	0.310%
95	16.721	2512	2522	2528	rVB7	27348	81415	2.87%	0.240%
96	16.868	2542	2547	2553	rVB7	23569	44795	1.58%	0.132%
97	17.204	2597	2604	2609	rBV7	37490	90565	3.19%	0.267%
98	17.386	2626	2635	2646	rVB6	105759	314726	11.10%	0.927%
99	17.721	2679	2692	2706	rVB5	244348	865184	30.51%	2.547%
100	18.386	2799	2805	2814	rVB8	18475	50160	1.77%	0.148%

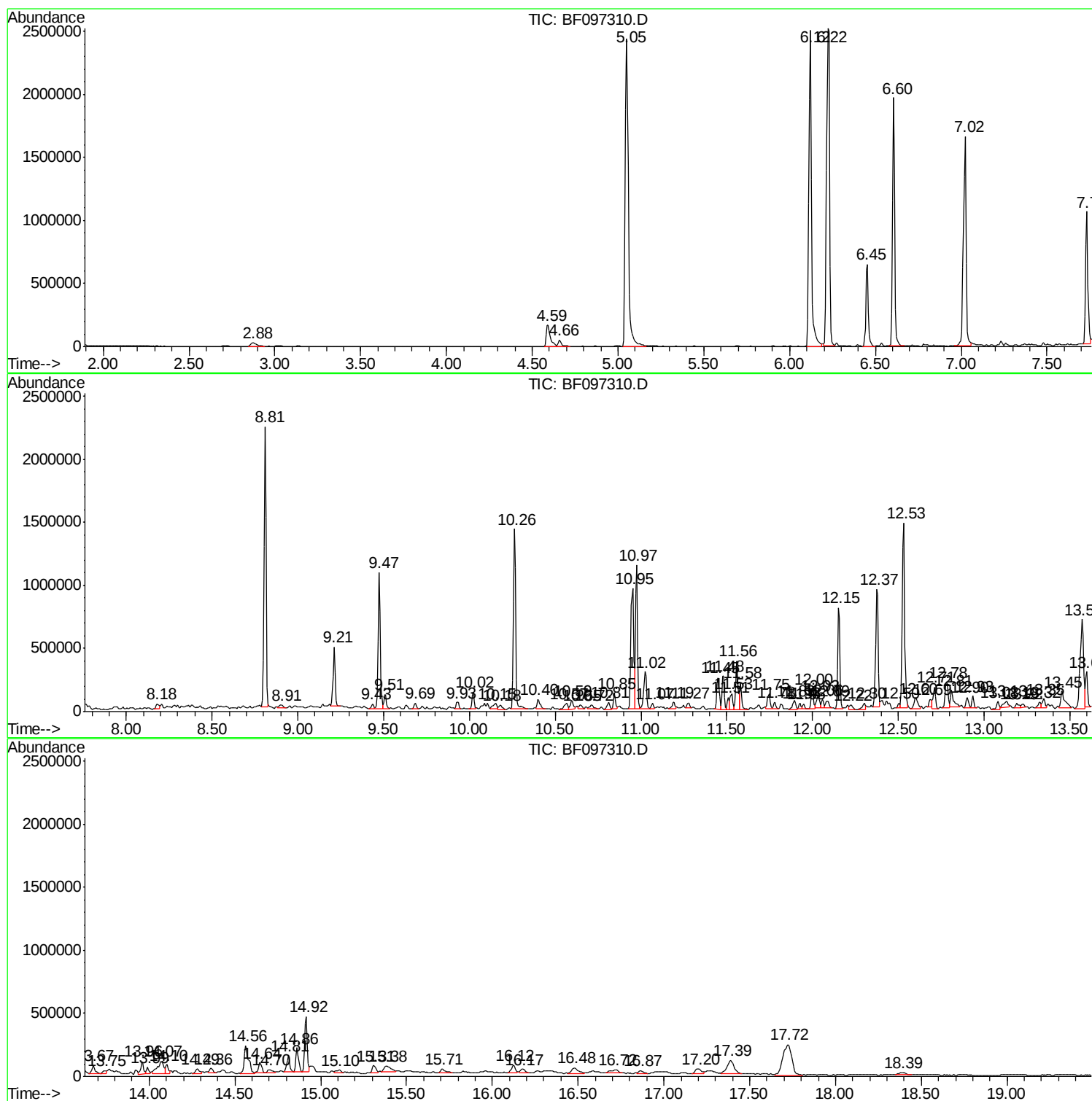
Sum of corrected areas: 33969105

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
E2-L6-NSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

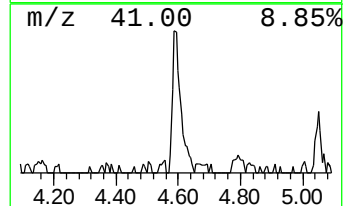
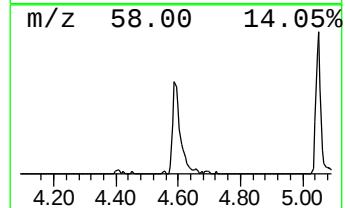
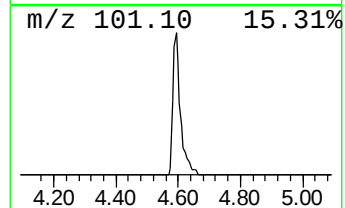
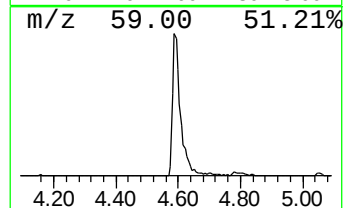
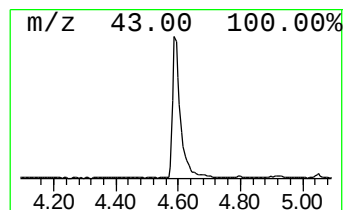
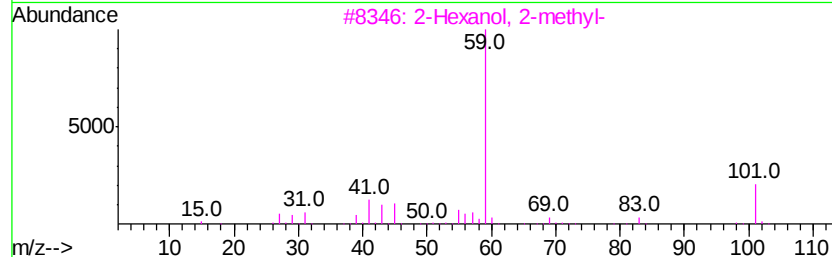
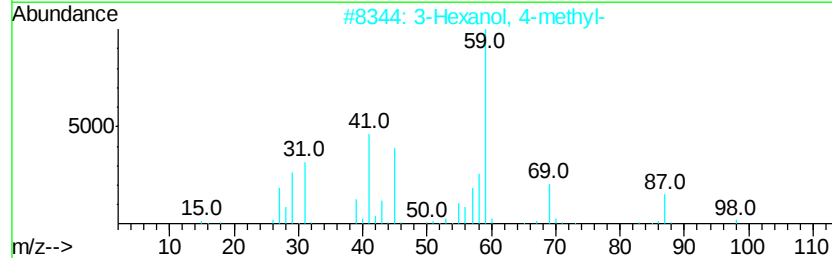
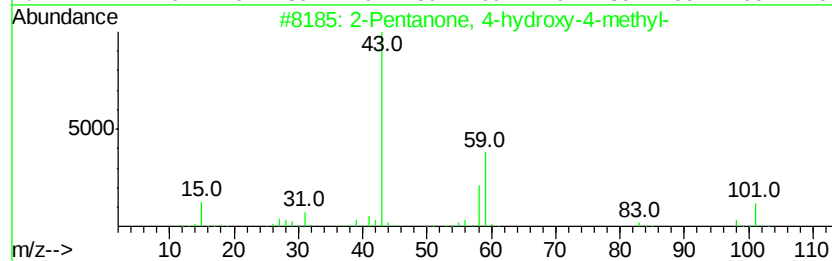
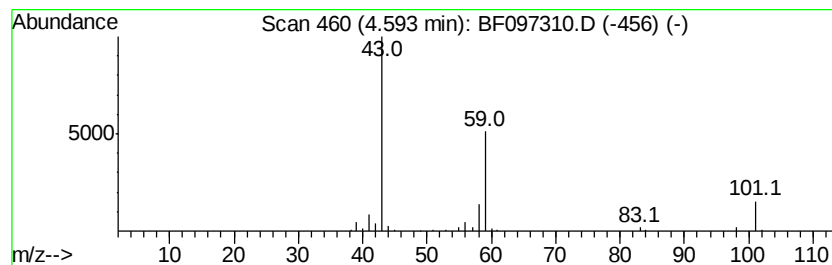
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	8.86 ng	291118	1,4-Dichlorobenzene-d4	6.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

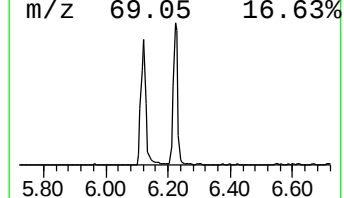
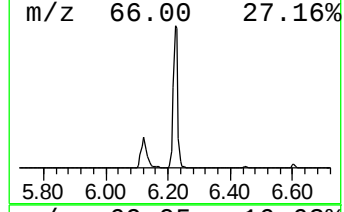
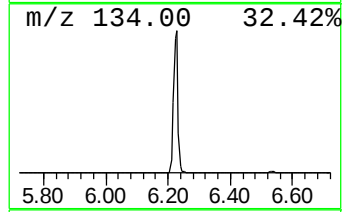
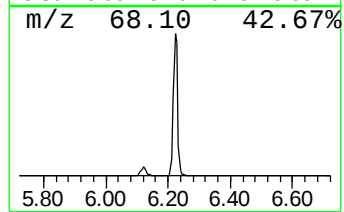
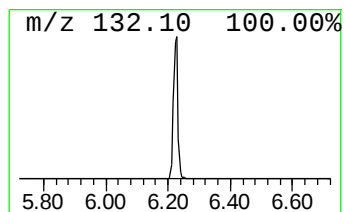
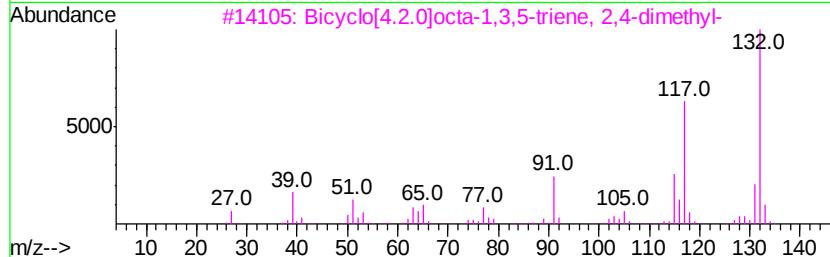
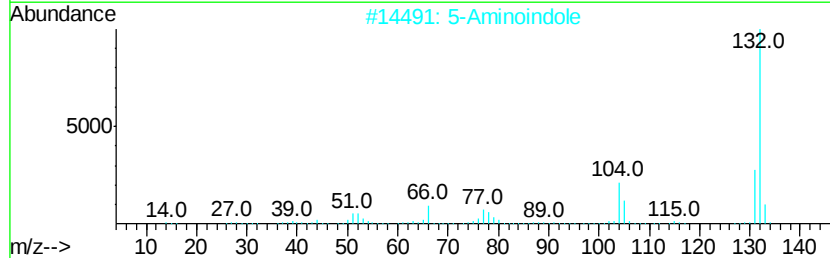
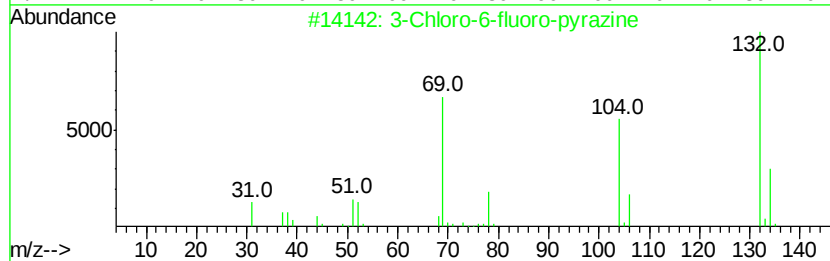
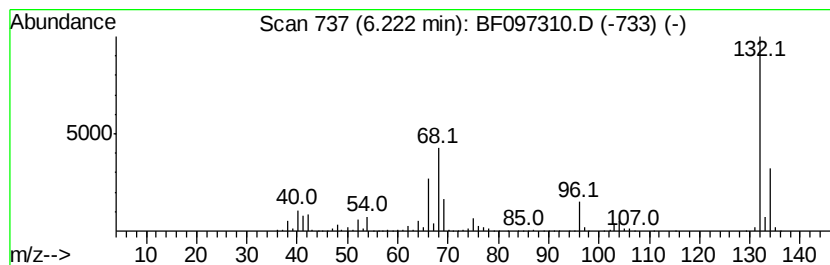
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	80.39 ng	2640350	1,4-Dichlorobenzene-d4	6.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

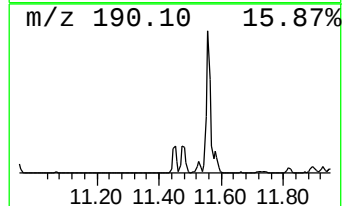
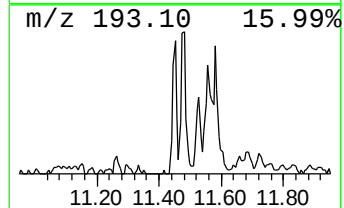
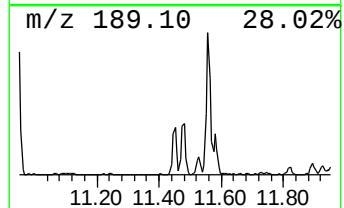
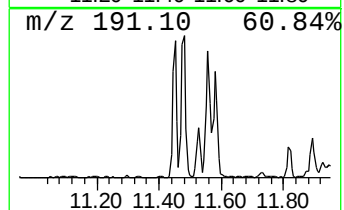
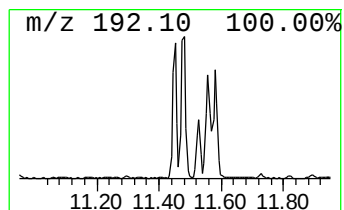
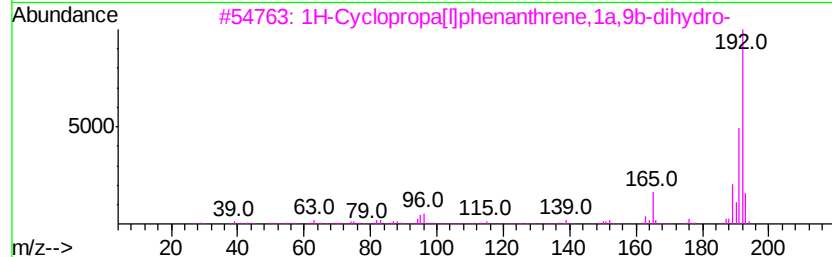
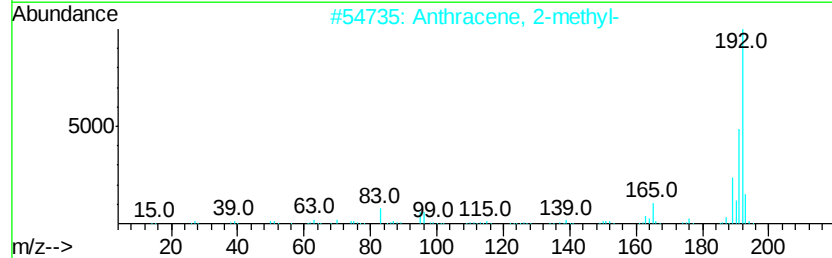
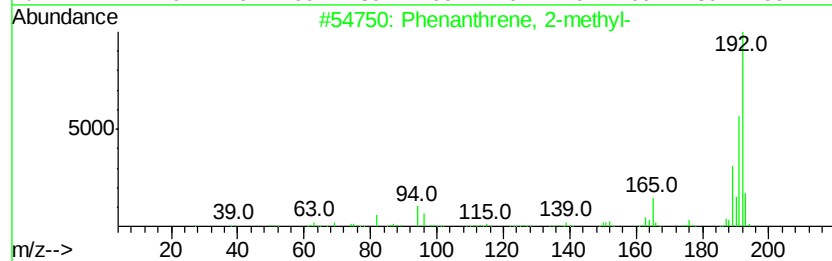
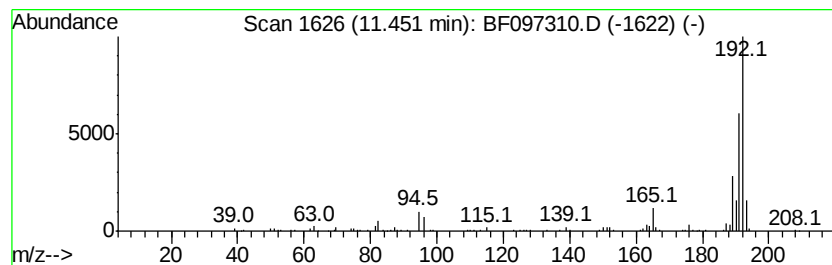
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.45	4.62 ng	224459	Phenanthrene-d10	10.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

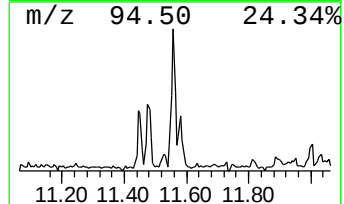
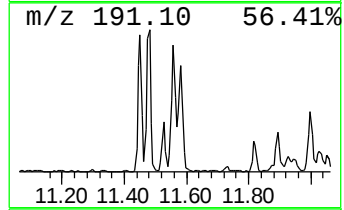
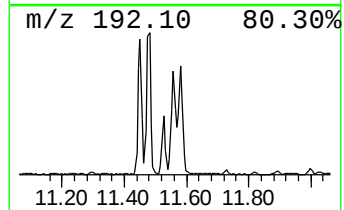
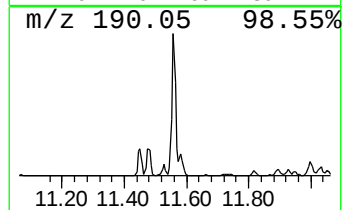
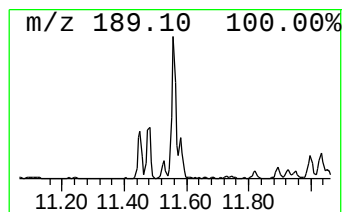
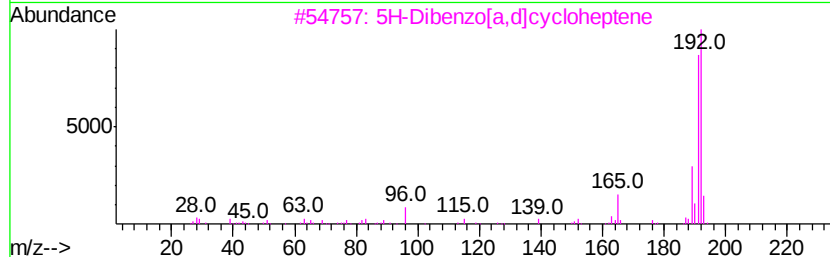
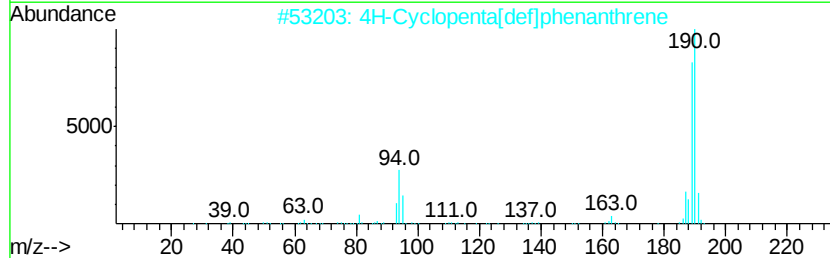
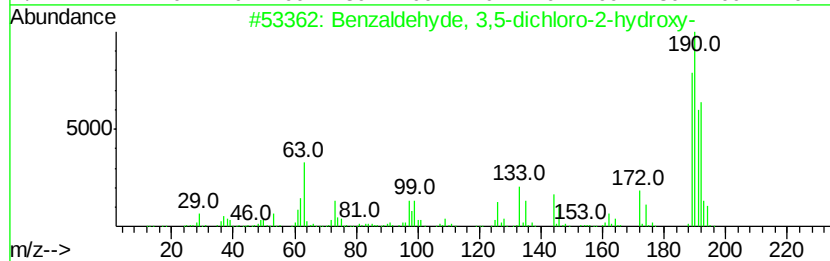
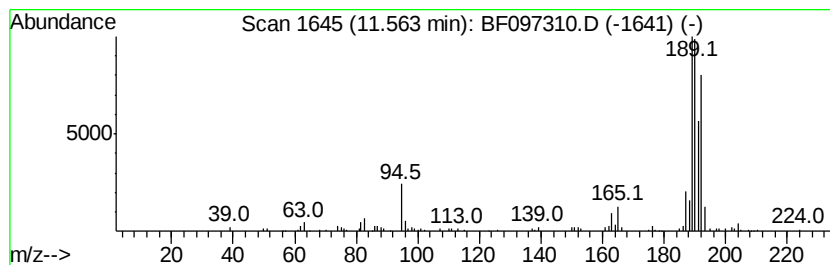
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	8.22 ng	399030	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	42
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

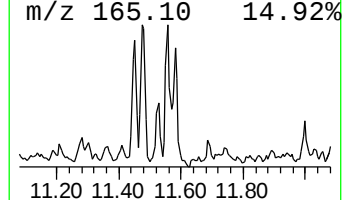
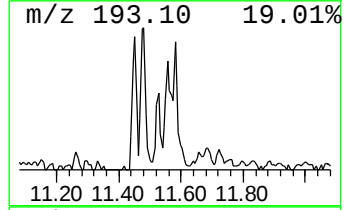
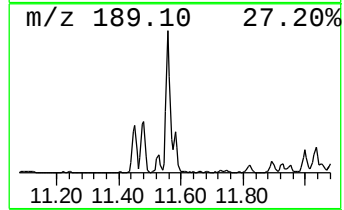
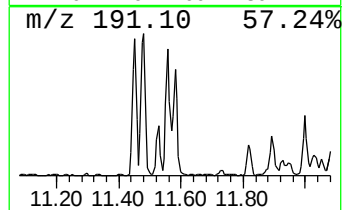
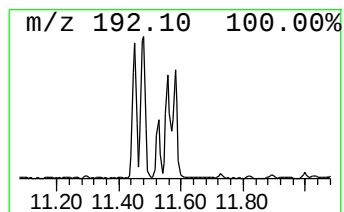
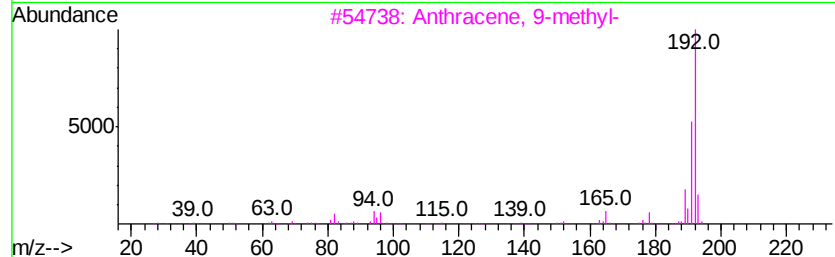
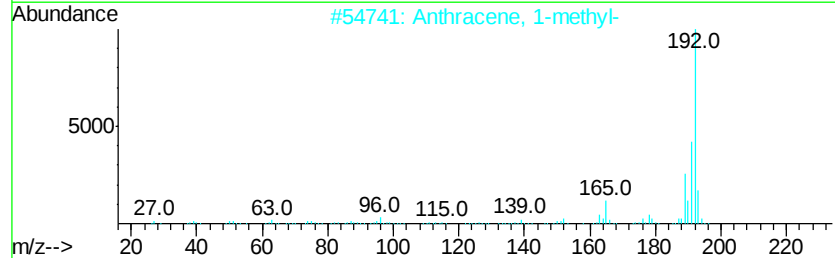
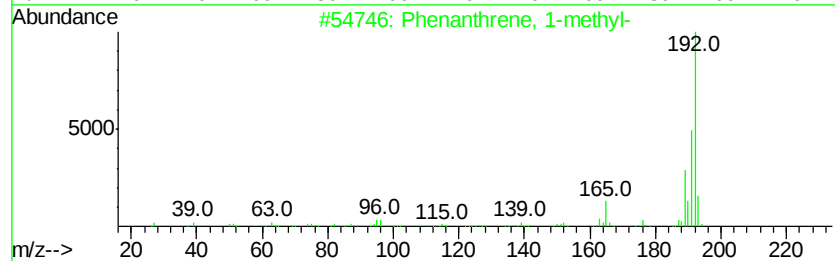
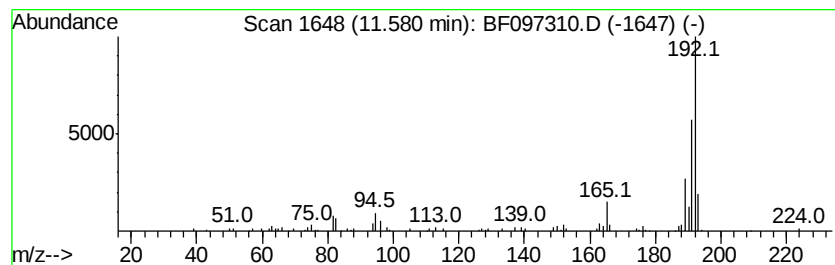
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	3.19 ng	154904	Phenanthrene-d10	10.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

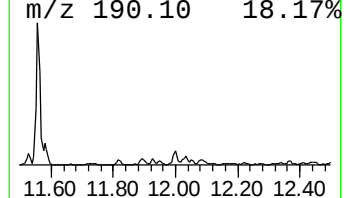
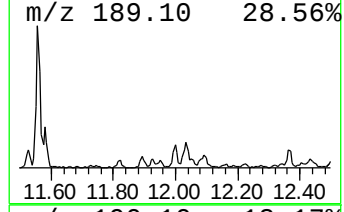
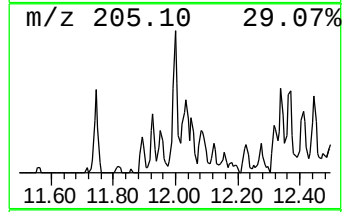
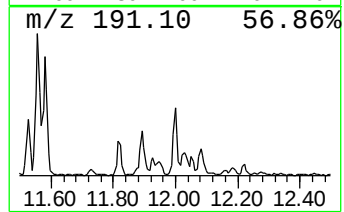
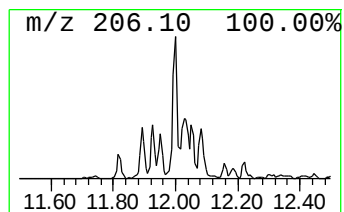
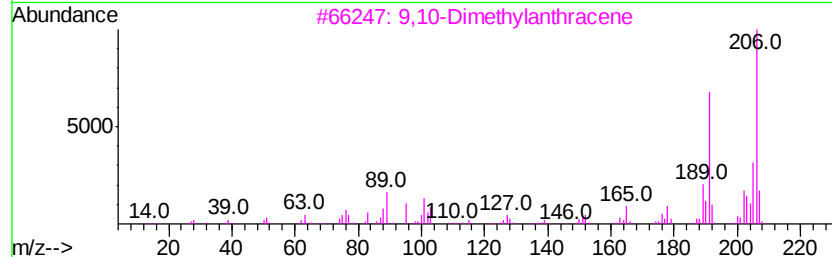
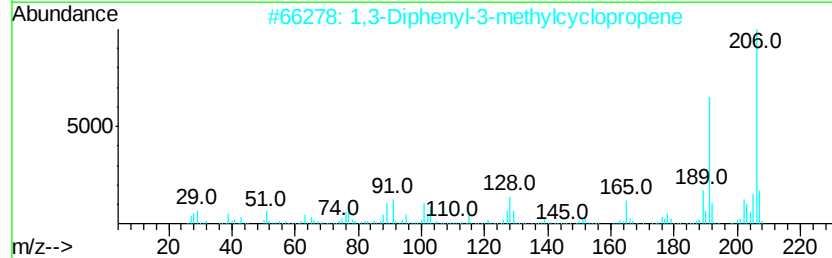
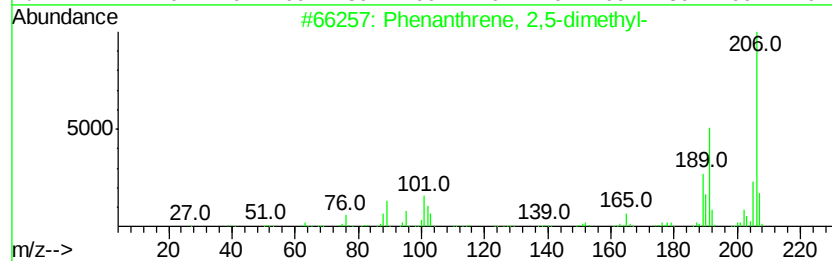
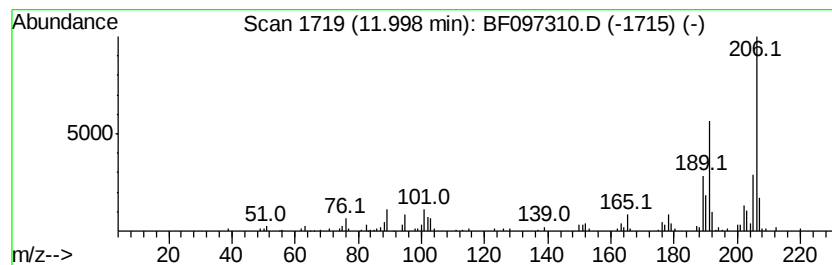
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.41 ng	165835	Phenanthrene-d10	10.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2			1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

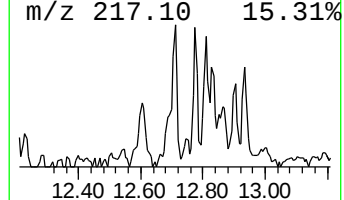
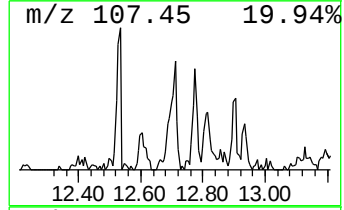
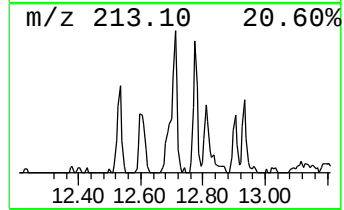
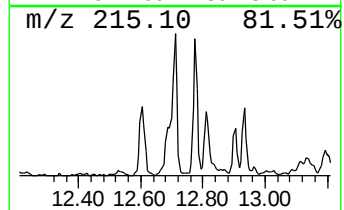
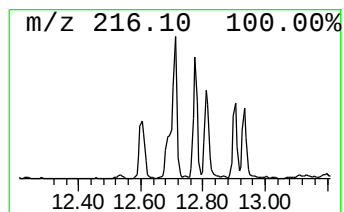
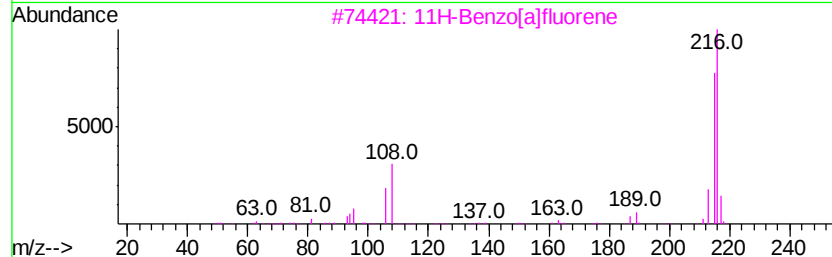
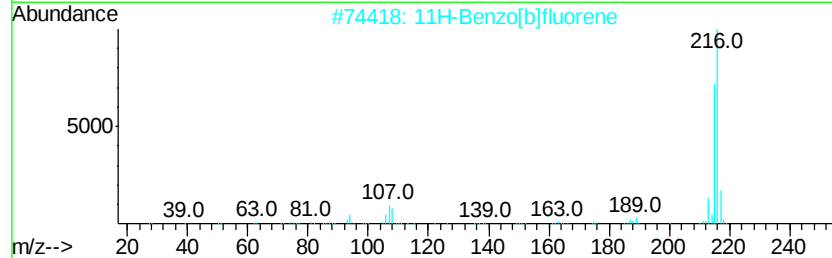
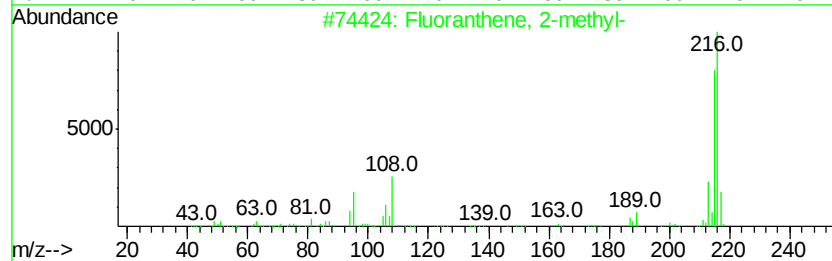
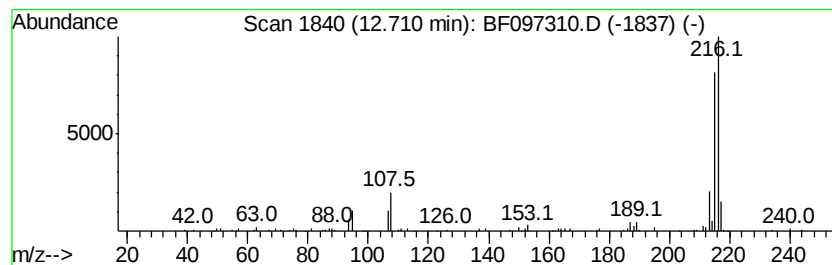
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.68 ng	172969	Chrysene-d12	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	76
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

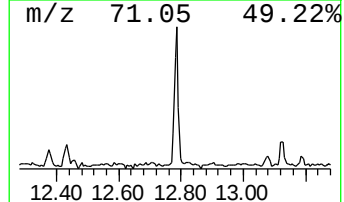
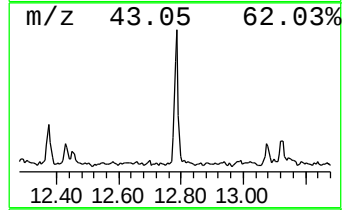
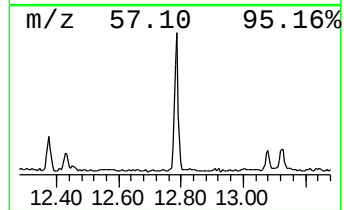
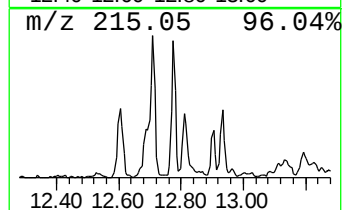
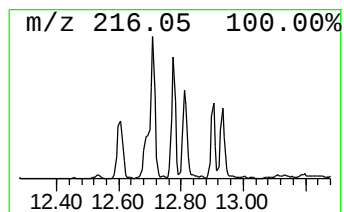
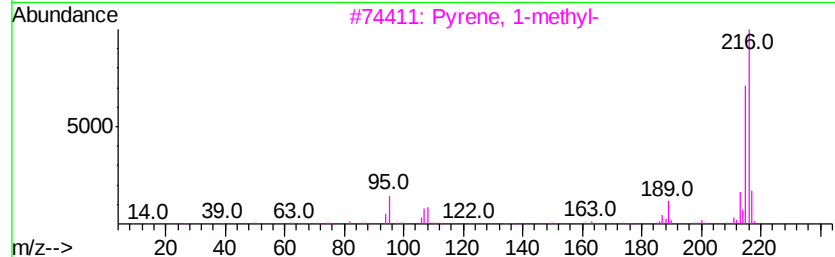
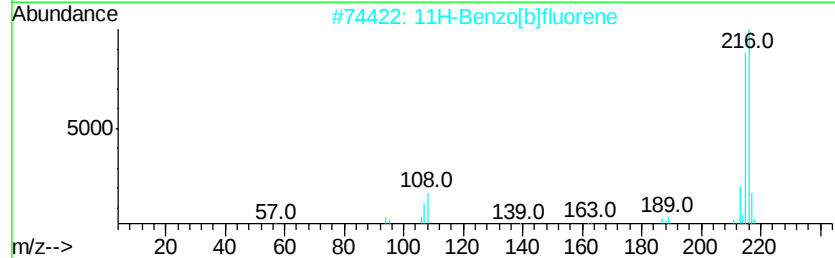
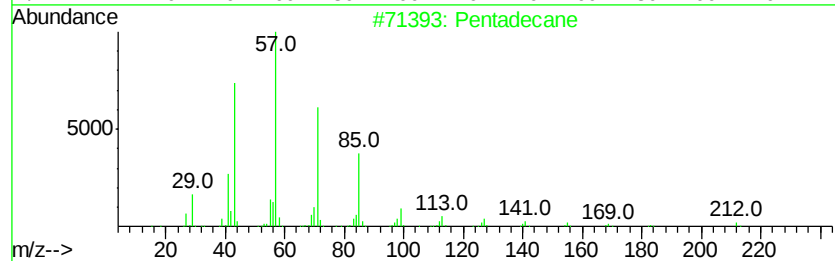
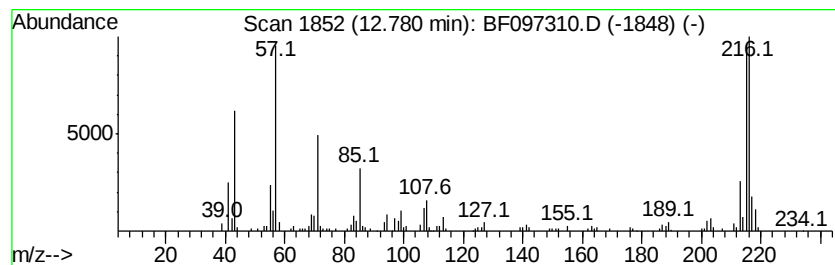
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	5.82 ng	274047	Chrysene-d12	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
3			Pvrene, 1-methyl-	216	C17H12	002381-21-7	64
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

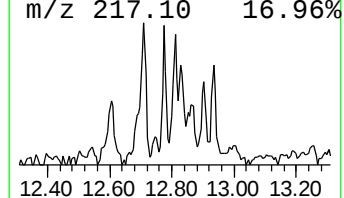
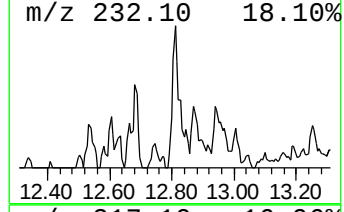
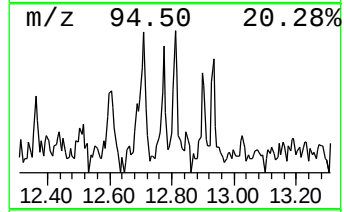
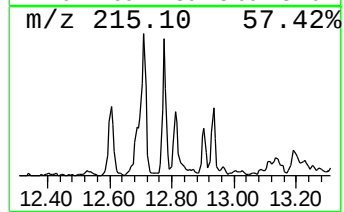
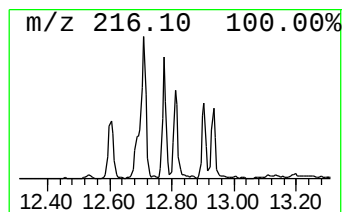
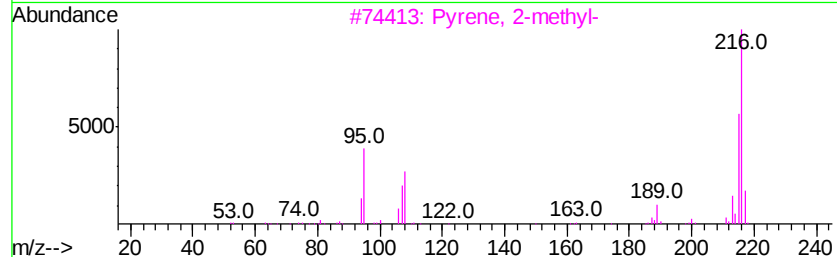
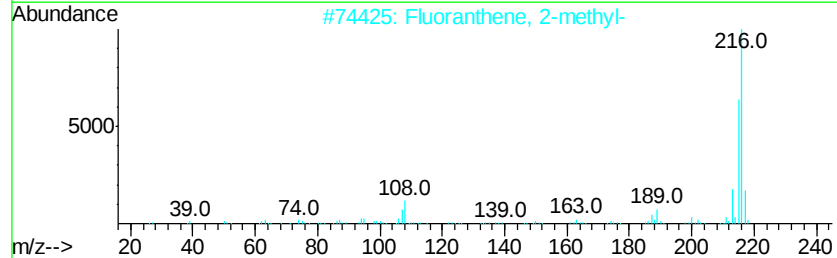
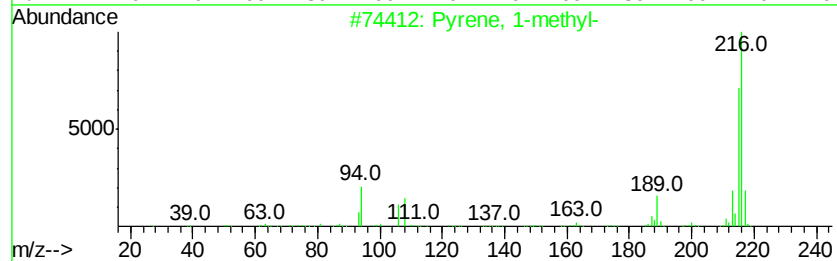
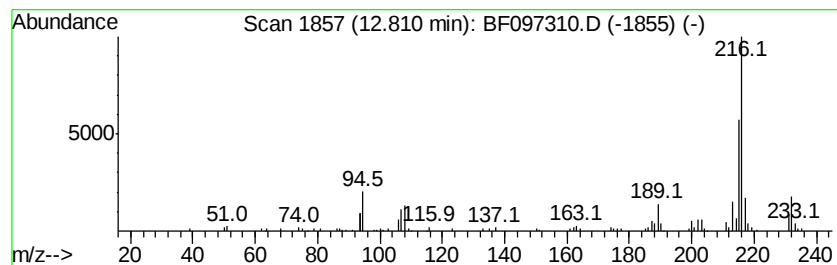
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.82 ng	179892	Chrysene-d12	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

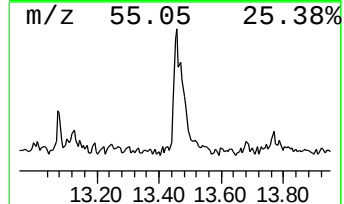
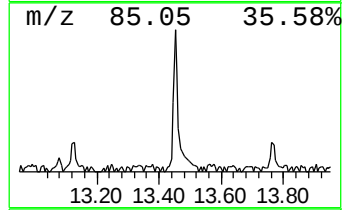
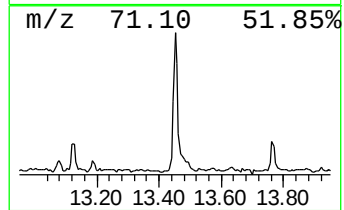
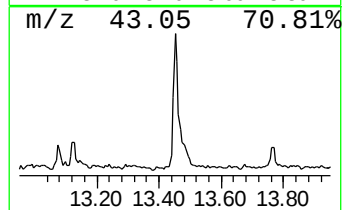
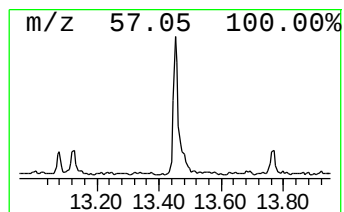
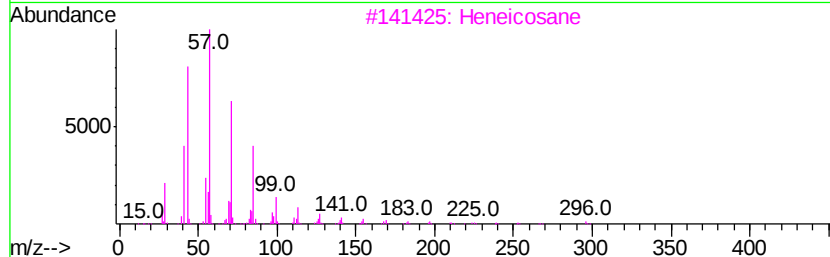
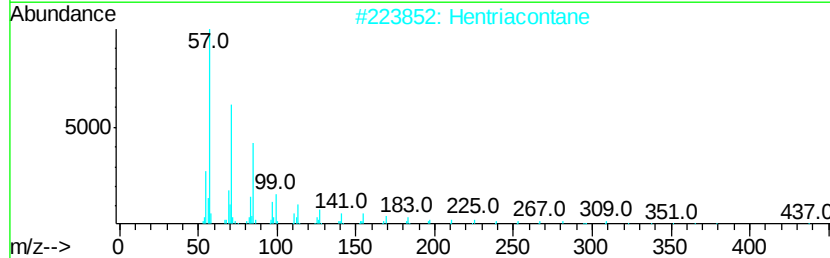
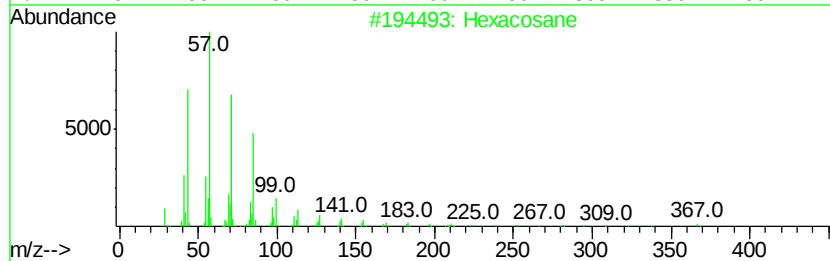
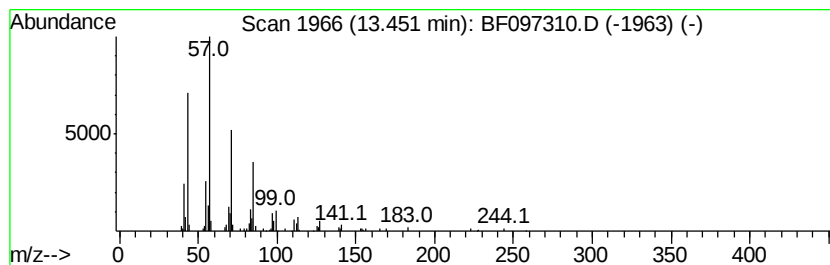
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.45 ng	209349	Chrysene-d12	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Hexatriacontane	507	C36H74	000630-06-8	87
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

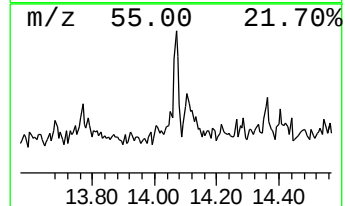
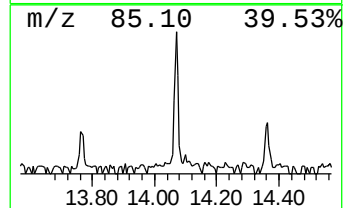
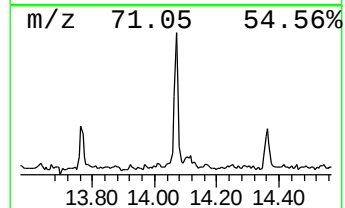
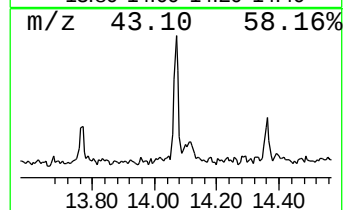
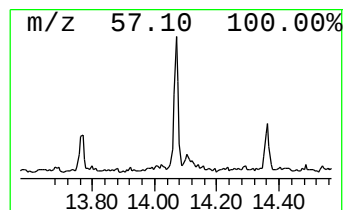
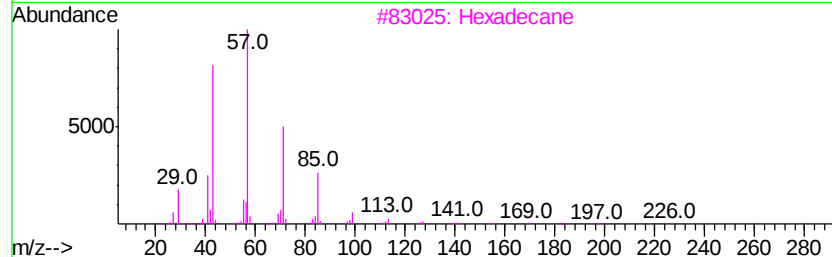
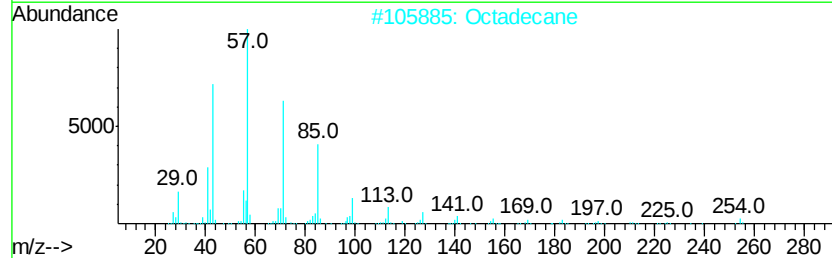
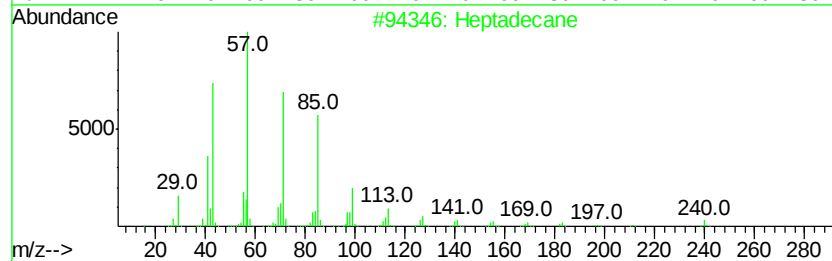
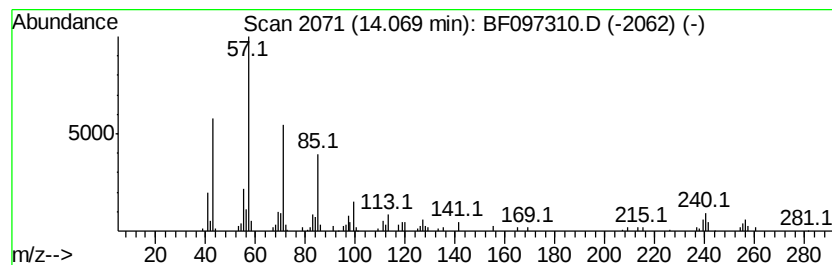
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.07	5.51 ng	259091	Chrysene-d12	13.57	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Octadecane	254	C18H38	000593-45-3	95
3	Hexadecane	226	C16H34	000544-76-3	93
4	Octacosane	394	C28H58	000630-02-4	76
5	Heneicosane	296	C21H44	000629-94-7	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

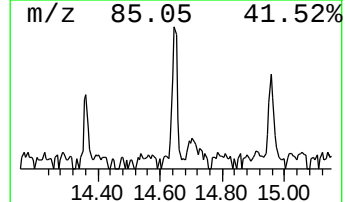
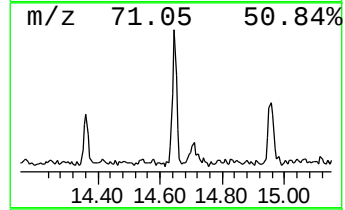
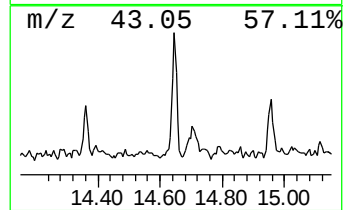
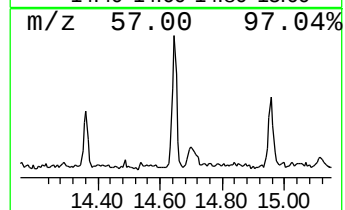
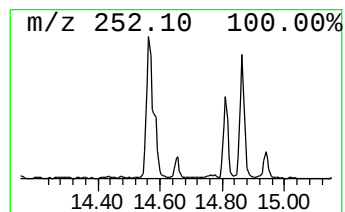
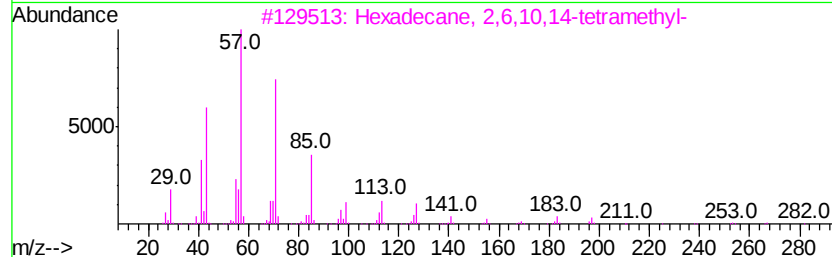
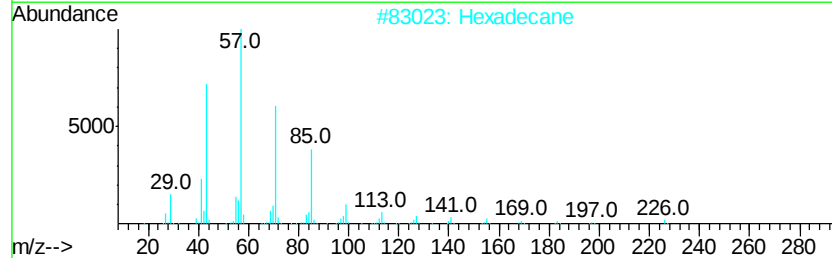
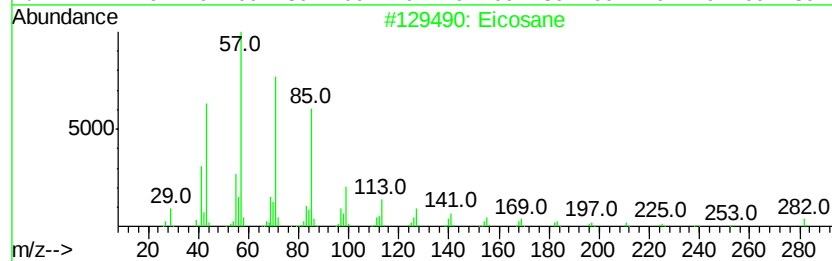
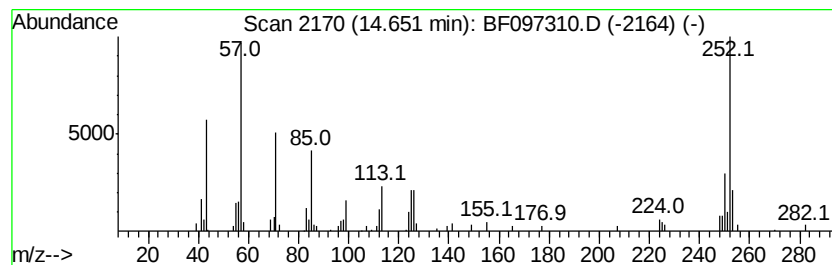
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.65	4.40 ng	105913	Perylene-d12	14.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62
4	Eicosane, 2-methyl-	296	C21H44	001560-84-5	62
5	Hentriacontane	437	C31H64	000630-04-6	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

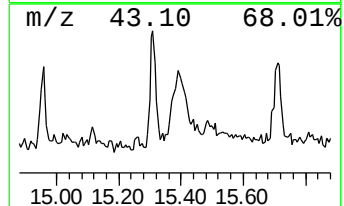
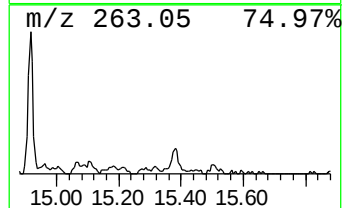
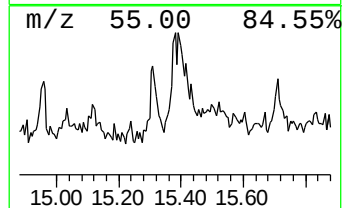
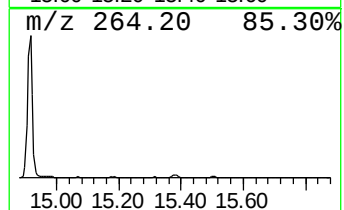
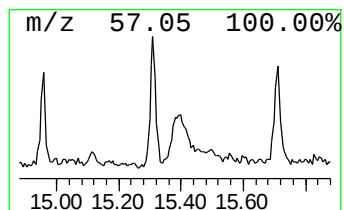
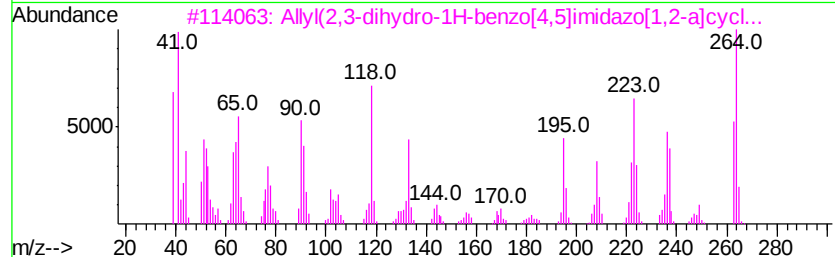
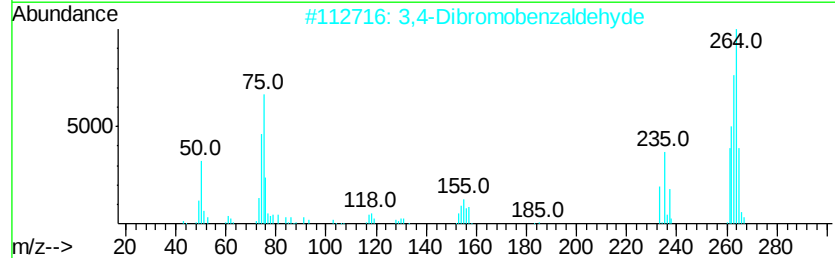
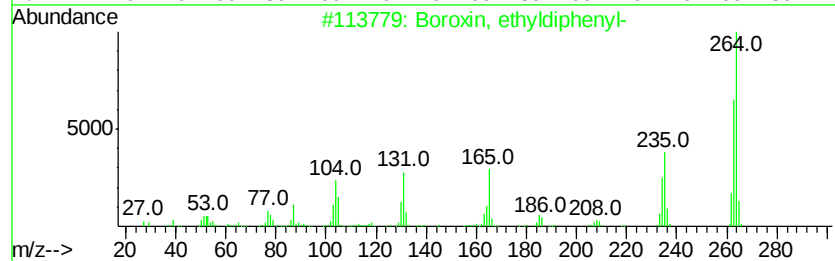
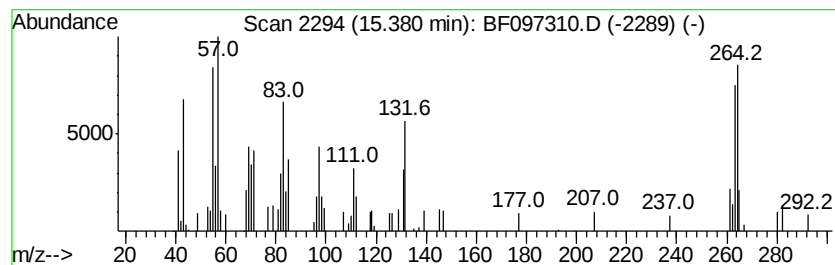
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.38 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.38	5.20 ng	125075	Perylene-d12	14.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	37
2	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	35
3	Allyl(2,3-dihydro-1H-benzo[4,5]i...	264	C16H16N4	1000322-09-2	22
4	2H-Pyridazin-3-one, 6-(4-amino-6...	263	C10H13N7O2	1000316-44-7	22
5	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	006900-92-1	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

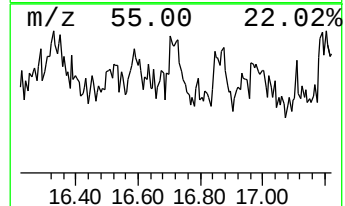
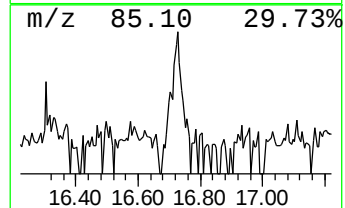
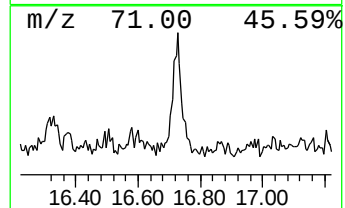
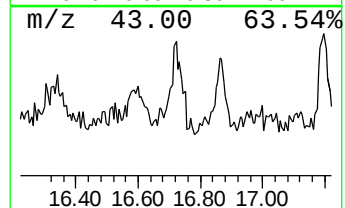
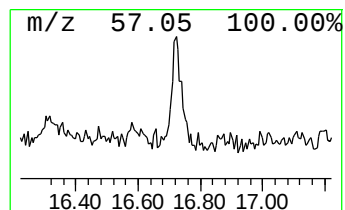
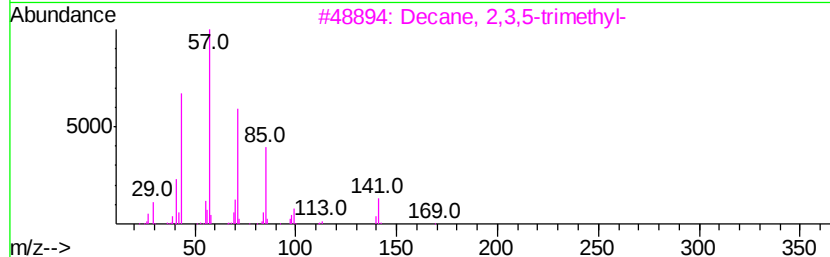
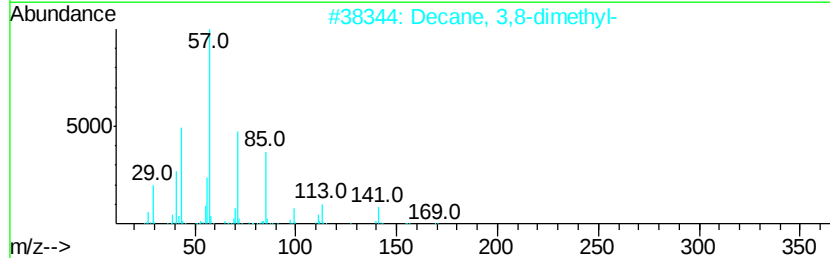
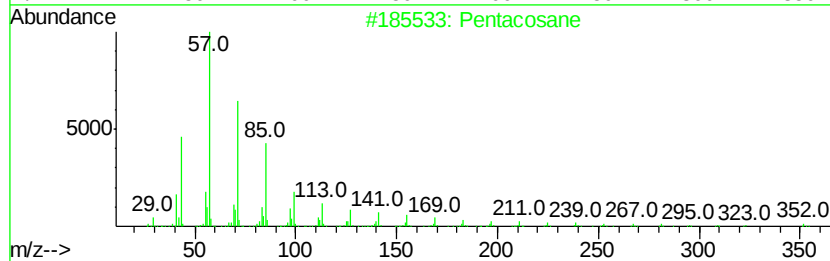
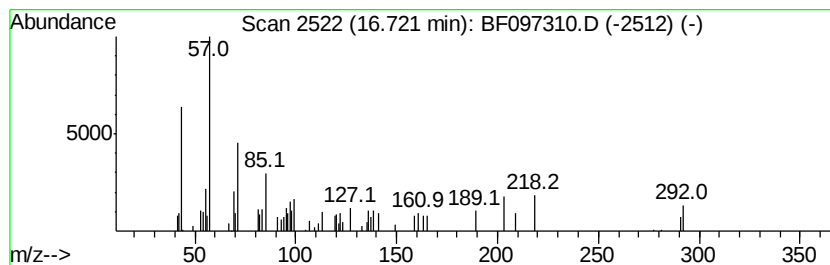
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown16.72 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	3.38 ng	81415	Perylene-d12	14.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	38
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38
4			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	38
5			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

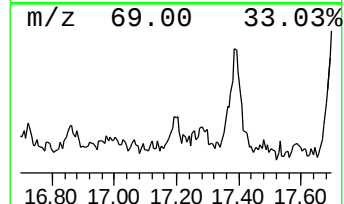
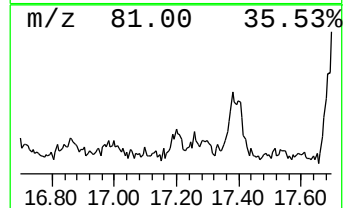
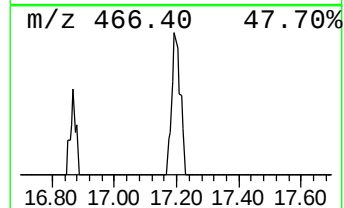
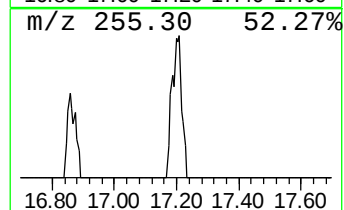
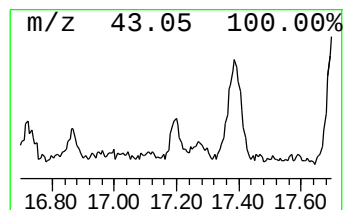
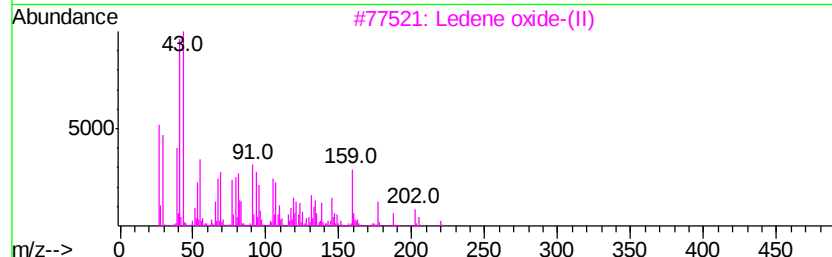
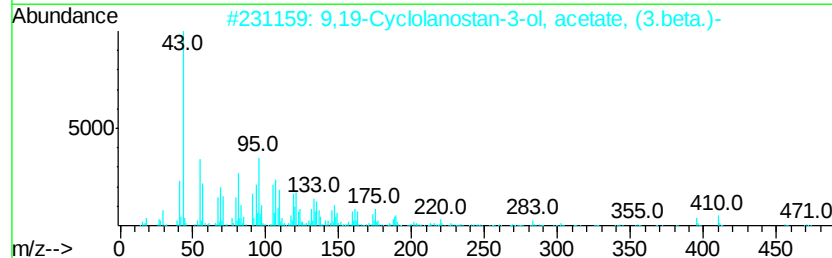
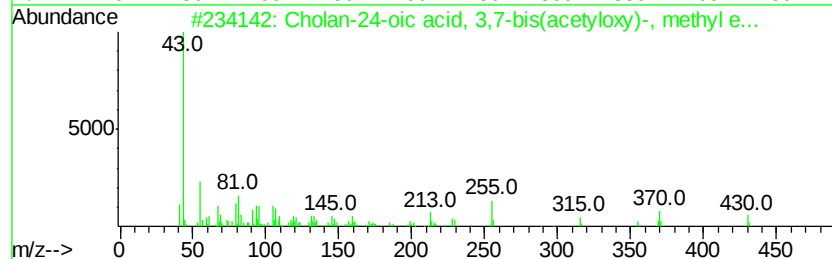
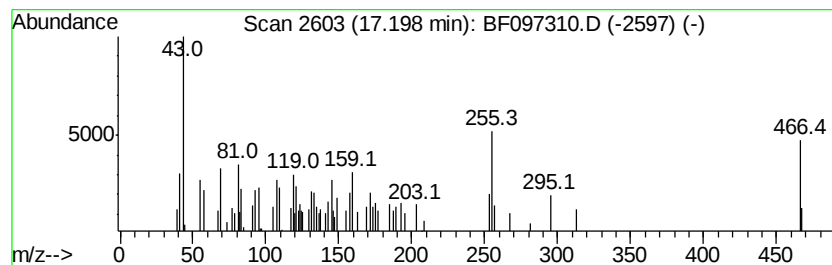
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	3.76 ng	90565	Perylene-d12	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholan-24-oic acid, 3,7-bis(acet...	490	C29H46O6	002616-71-9	25
2		9,19-Cyclolanostan-3-ol, acetate...	470	C32H54O2	004575-74-0	22
3		Ledene oxide-(II)	220	C15H24O	1000159-36-7	10
4		2(1H,3H)-Benzimidazolone, 5-(4-f...	255	C14H10FN3O	332352-27-9	10
5		7-Oxabicyclo[4.1.0]heptane, 1-me...	168	C10H16O2	000096-08-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

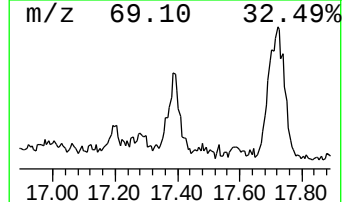
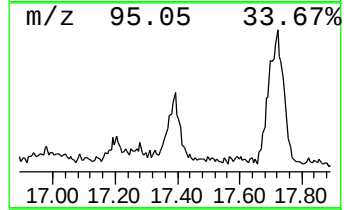
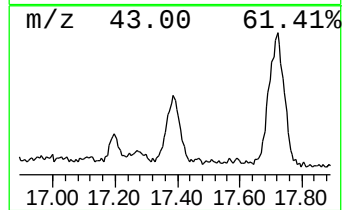
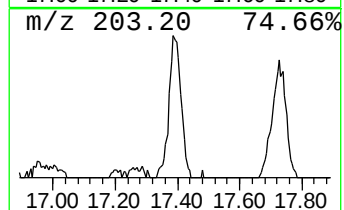
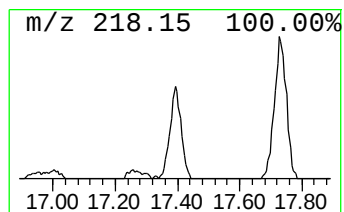
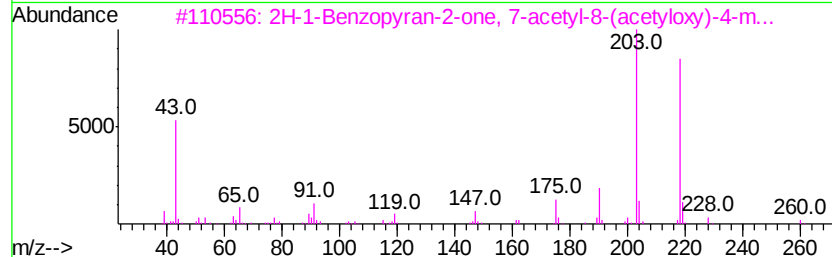
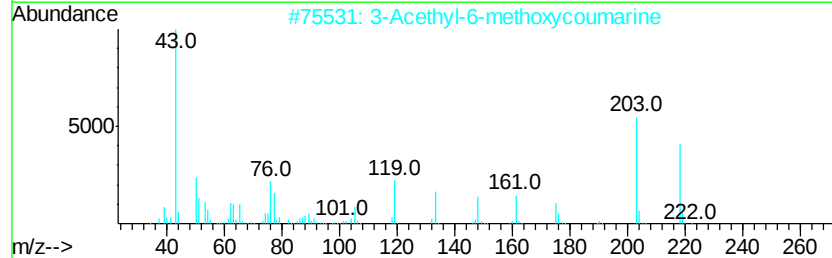
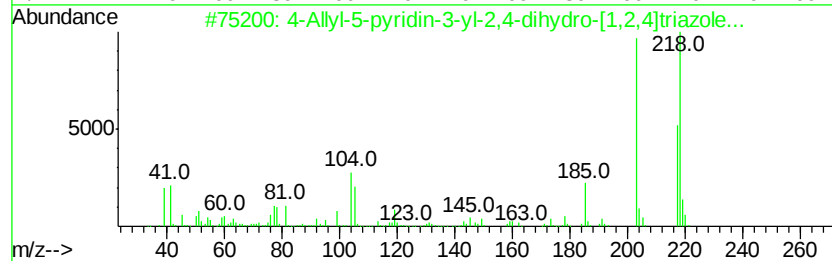
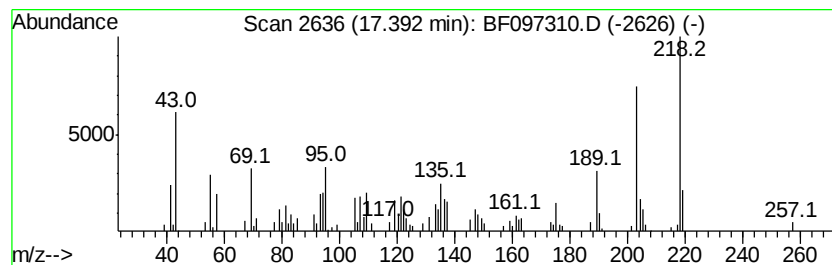
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.39 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	13.08 ng	314726	Perylene-d12	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Allyl-5-pyridin-3-yl-2,4-dihyd...	218	C10H10N4S	1000300-40-5	46
2		3-Acethyl-6-methoxycoumarine	218	C12H10O4	013252-80-7	43
3		2H-1-Benzopyran-2-one, 7-acetyl-...	260	C14H12O5	129812-32-4	43
4		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	41
5		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097310.D
Acq On : 3 Aug 2017 10:08
Operator : SJ/JU
Sample : I4471-18
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW

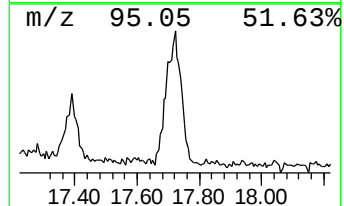
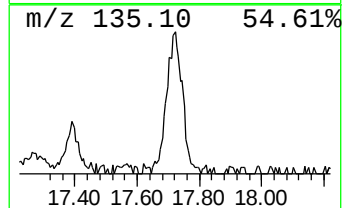
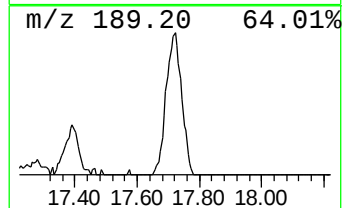
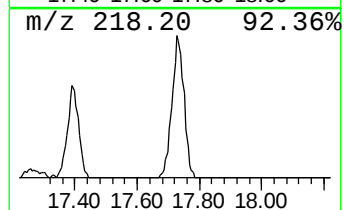
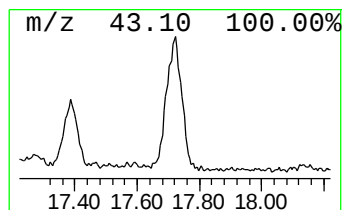
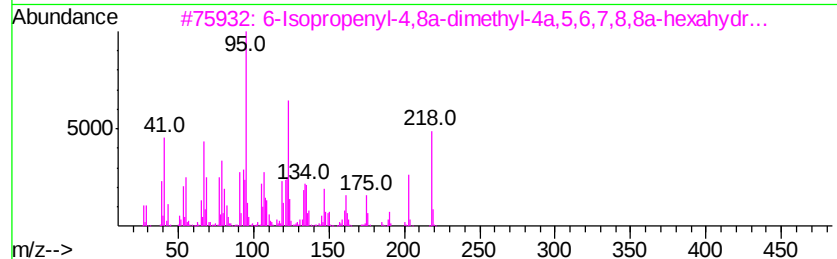
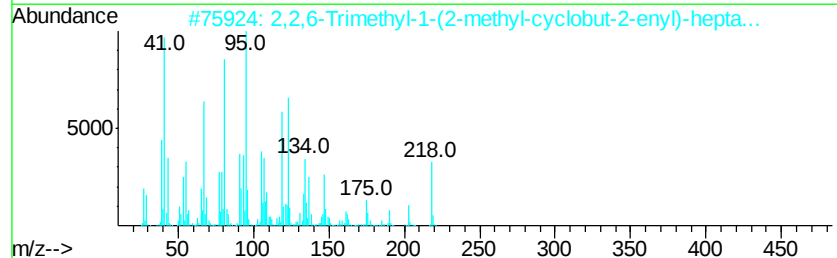
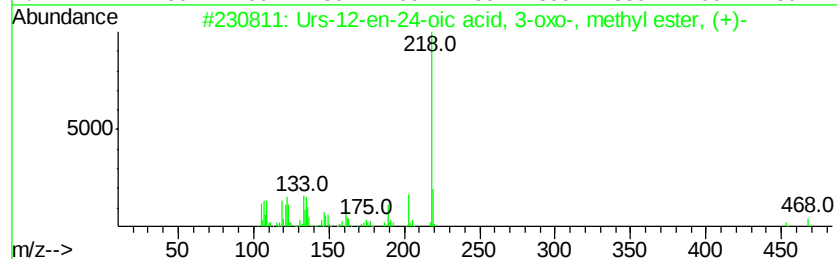
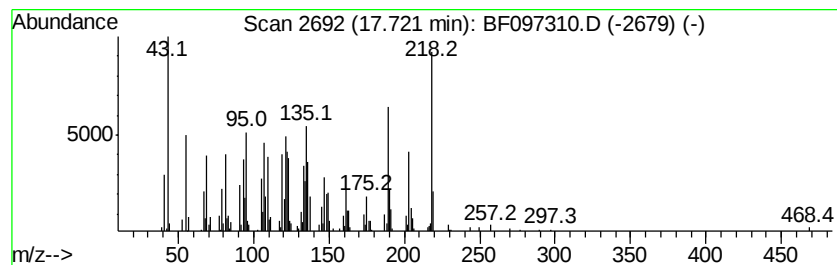
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Urs-12-en-24-oic acid, 3-ox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	35.96 ng	865184	Perylene-d12	14.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H48O3	020475-86-9	72
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	70
3		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	53
4		.alpha.-Amyrin	426	C30H50O	000638-95-9	52
5		2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080217\
 Data File : BF097310.D
 Acq On : 3 Aug 2017 10:08
 Operator : SJ/JU
 Sample : I4471-18
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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...	4.59	8.9	ng	291118	1	6.45	656847	20.0
unknown6.22	6.22	80.4	ng	2640350	1	6.45	656847	20.0
Phenanthrene, 2-m...	11.45	4.6	ng	224459	4	10.95	971467	20.0
Benzaldehyde, 3,5...	11.56	8.2	ng	399030	4	10.95	971467	20.0
Phenanthrene, 1-m...	11.58	3.2	ng	154904	4	10.95	971467	20.0
Phenanthrene, 2,5...	12.00	3.4	ng	165835	4	10.95	971467	20.0
Fluoranthene, 2-m...	12.71	3.7	ng	172969	5	13.57	941161	20.0
Pentadecane	12.78	5.8	ng	274047	5	13.57	941161	20.0
Pyrene, 1-methyl-	12.81	3.8	ng	179892	5	13.57	941161	20.0
Hexacosane	13.45	4.5	ng	209349	5	13.57	941161	20.0
Heptadecane	14.07	5.5	ng	259091	5	13.57	941161	20.0
Eicosane	14.65	4.4	ng	105913	6	14.92	481168	20.0
unknown15.38	15.38	5.2	ng	125075	6	14.92	481168	20.0
unknown16.72	16.72	3.4	ng	81415	6	14.92	481168	20.0
unknown17.20	17.20	3.8	ng	90565	6	14.92	481168	20.0
unknown17.39	17.39	13.1	ng	314726	6	14.92	481168	20.0
Urs-12-en-24-oic ...	17.72	36.0	ng	865184	6	14.92	481168	20.0