

Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
 Data File : BF094557.D
 Acq On : 20 Apr 2017 21:01
 Operator : SJ/MA
 Sample : I2744-18 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(0-2)20170419

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-BF041717.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	3.902	330	334	341	rBV	149392	149639	8.23%	0.701%
2	4.307	399	403	416	rBV	1679842	1528544	84.11%	7.161%
3	5.384	582	586	597	rVB	1694629	1551583	85.37%	7.269%
4	5.513	603	608	611	rBV	1727286	1628638	89.61%	7.630%
5	5.760	646	650	654	rBV	865169	732553	40.31%	3.432%
6	5.937	676	680	684	rBV	1494540	1280143	70.44%	5.998%
7	6.407	756	760	763	rBV	1104105	972358	53.50%	4.556%
8	7.254	900	904	908	rBV	1120422	992868	54.63%	4.652%
9	8.578	1124	1129	1132	rBV	1985363	1817380	100.00%	8.515%
10	9.078	1209	1214	1218	rBV	368442	317395	17.46%	1.487%
11	9.213	1233	1237	1244	rVB	28381	31506	1.73%	0.148%
12	9.389	1261	1267	1271	rBV2	972252	964209	53.05%	4.517%
13	9.989	1365	1369	1373	rBV	38317	32002	1.76%	0.150%
14	10.060	1378	1381	1387	rVB	17337	21665	1.19%	0.102%
15	10.260	1411	1415	1423	rVB4	19982	29092	1.60%	0.136%
16	10.360	1428	1432	1438	rBV	840494	839475	46.19%	3.933%
17	10.572	1465	1468	1474	rBV	46708	57294	3.15%	0.268%
18	10.736	1491	1496	1500	rBV5	12201	22172	1.22%	0.104%
19	11.125	1557	1562	1566	rBV2	35549	37771	2.08%	0.177%
20	11.207	1572	1576	1579	rBV	834727	854674	47.03%	4.004%
21	11.236	1579	1581	1585	rVV	294520	248644	13.68%	1.165%
22	11.301	1585	1592	1596	rVV	66209	76401	4.20%	0.358%
23	11.507	1625	1627	1630	rBV	22462	27037	1.49%	0.127%
24	11.654	1650	1652	1659	rVB5	20494	20820	1.15%	0.098%
25	11.830	1679	1682	1685	rBV	66321	69278	3.81%	0.325%
26	11.866	1685	1688	1692	rVV	98917	94081	5.18%	0.441%
27	11.925	1695	1698	1699	rBV	29211	26631	1.47%	0.125%
28	11.960	1699	1704	1707	rVV2	106972	173420	9.54%	0.812%
29	11.995	1707	1710	1713	rVB	52120	57134	3.14%	0.268%
30	12.201	1742	1745	1747	rBV	65038	64563	3.55%	0.302%
31	12.224	1747	1749	1755	rVB5	36861	51523	2.84%	0.241%
32	12.389	1774	1777	1781	rBV4	23558	29142	1.60%	0.137%
33	12.424	1781	1783	1785	rVV	38719	35421	1.95%	0.166%
34	12.454	1786	1788	1790	rVB2	27372	20331	1.12%	0.095%

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Smoothing : ON
Sampling : 1
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Min Area: 3 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.513	1795	1798	1802	rBV	54155	67821	3.73%	0.318%
36	12.554	1802	1805	1808	rVV4	36432	42367	2.33%	0.198%
37	12.607	1812	1814	1823	rVB5	30006	68730	3.78%	0.322%
38	12.701	1825	1830	1833	rBV	523596	550755	30.30%	2.580%
39	12.777	1840	1843	1845	rBV3	29845	33680	1.85%	0.158%
40	12.877	1856	1860	1863	rBV2	38288	52239	2.87%	0.245%
41	12.919	1864	1867	1869	rVV3	34916	44686	2.46%	0.209%
42	12.972	1869	1876	1880	rVB	627795	704963	38.79%	3.303%
43	13.036	1880	1887	1891	rBV5	38393	81370	4.48%	0.381%
44	13.077	1891	1894	1896	rBV3	24019	29977	1.65%	0.140%
45	13.136	1901	1904	1907	rBV2	37295	43279	2.38%	0.203%
46	13.183	1908	1912	1916	rBV	1270025	1362570	74.97%	6.384%
47	13.260	1922	1925	1929	rVB2	37745	55147	3.03%	0.258%
48	13.389	1945	1947	1954	rVB2	103889	144435	7.95%	0.677%
49	13.471	1959	1961	1964	rVB	39046	35796	1.97%	0.168%
50	13.513	1965	1968	1971	rBV2	80093	97535	5.37%	0.457%
51	13.624	1984	1987	1991	rBV2	66370	73514	4.05%	0.344%
52	13.666	1991	1994	1996	rBV2	46340	46432	2.55%	0.218%
53	14.277	2095	2098	2102	rVB2	56614	69958	3.85%	0.328%
54	14.460	2124	2129	2132	rBV2	719812	983207	54.10%	4.606%
55	14.489	2132	2134	2137	rVB	260944	225582	12.41%	1.057%
56	15.689	2335	2338	2341	rBV	239237	312229	17.18%	1.463%
57	15.977	2385	2387	2390	rVB	162791	128694	7.08%	0.603%
58	16.030	2393	2396	2398	rBV	218707	244236	13.44%	1.144%
59	16.089	2403	2406	2413	rVB	497660	641800	35.31%	3.007%
60	17.089	2573	2576	2583	rVB	235553	347737	19.13%	1.629%

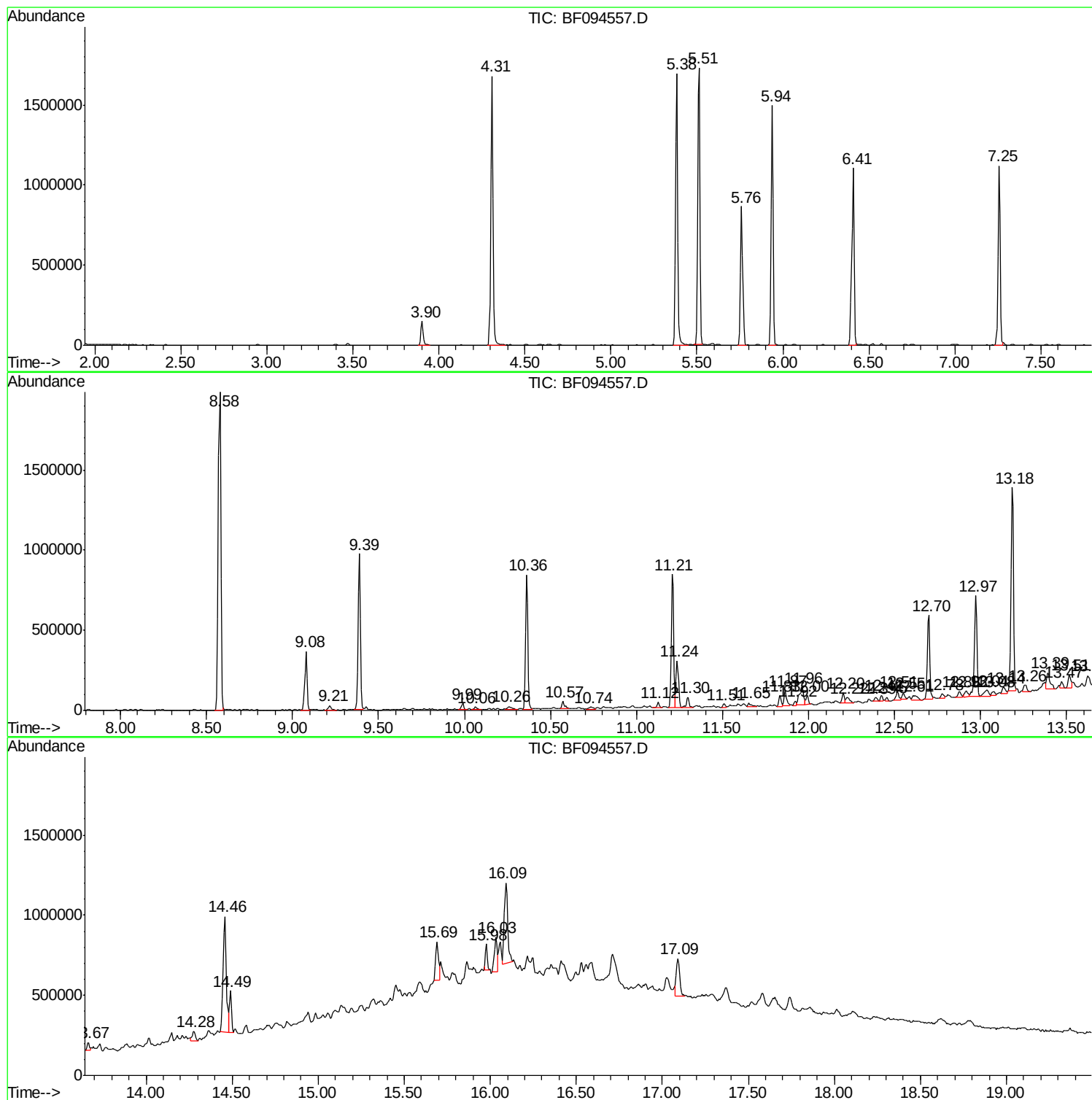
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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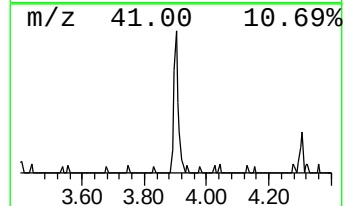
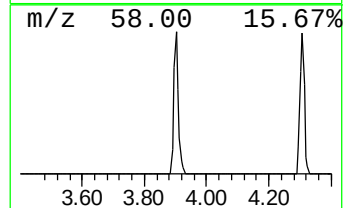
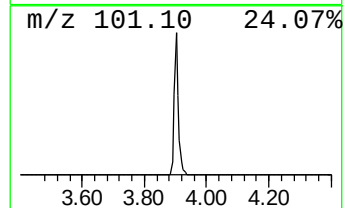
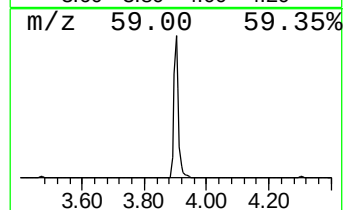
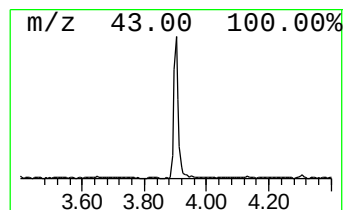
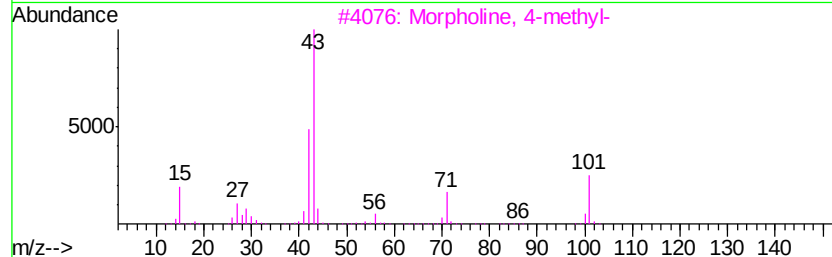
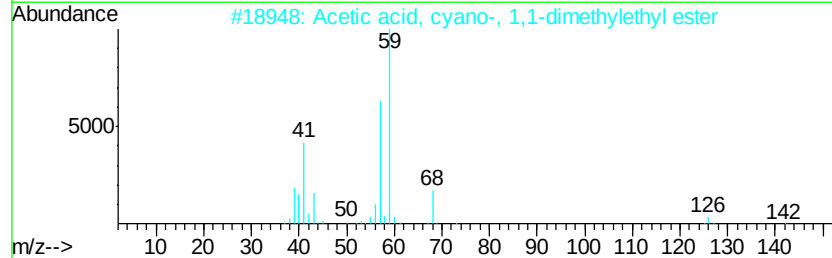
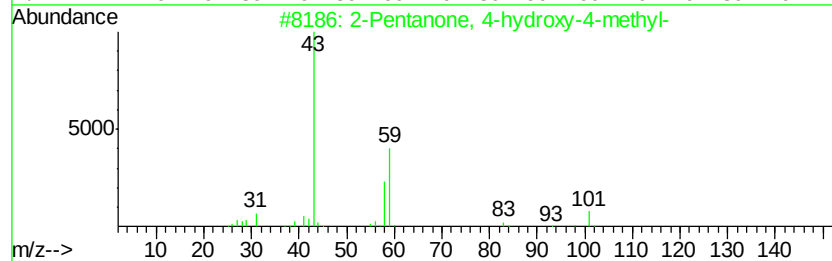
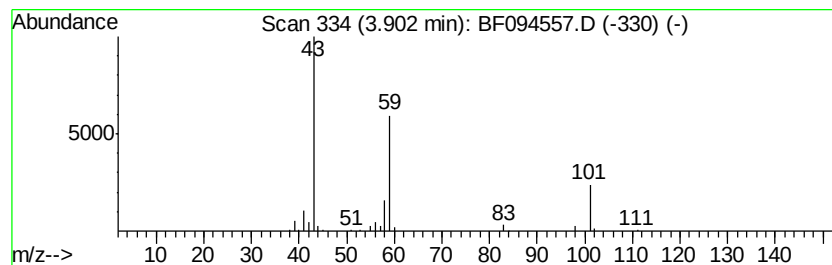
Instrument :
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ClientSampleId :
SB-4(0-2)20170419

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	4.09 ng	149639	1,4-Dichlorobenzene-d4	5.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116 C6H12O2	000123-42-2	40
2	Acetic acid, cyano-, 1,1-dimethyl...	141 C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101 C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101 C4H7NO2	000057-71-6	9
5	Butane, 1-ethoxy-	102 C6H14O	000628-81-9	9



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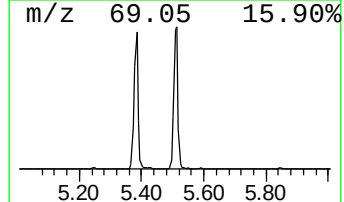
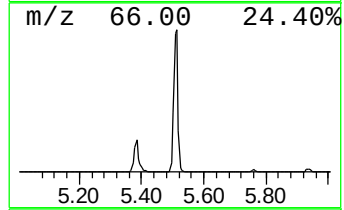
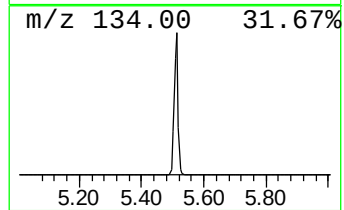
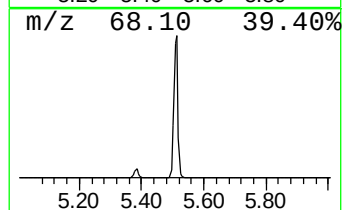
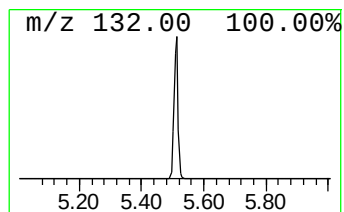
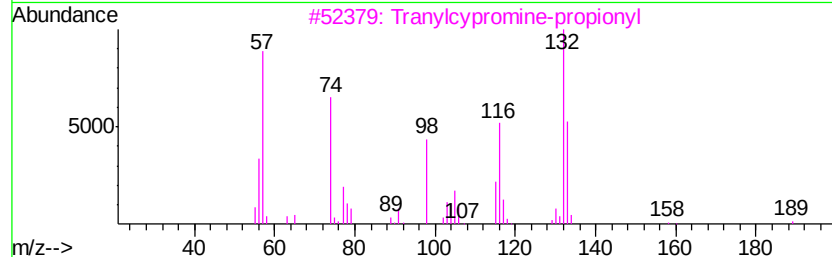
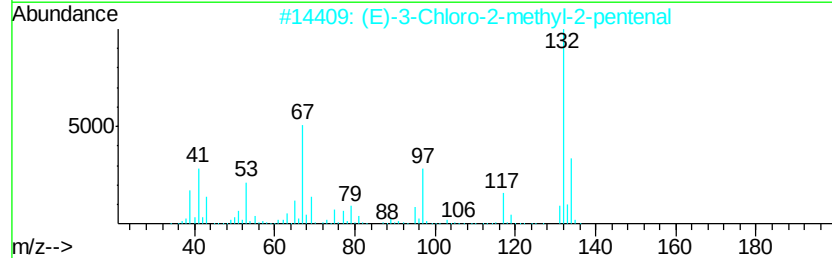
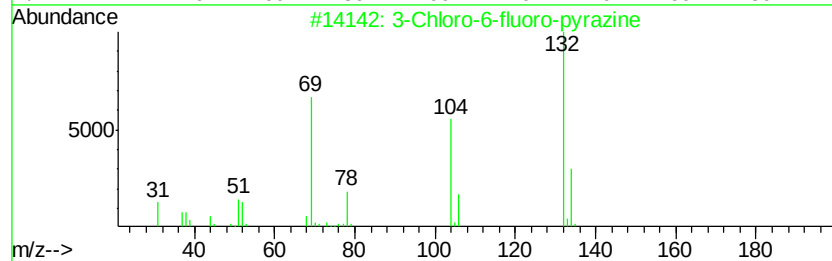
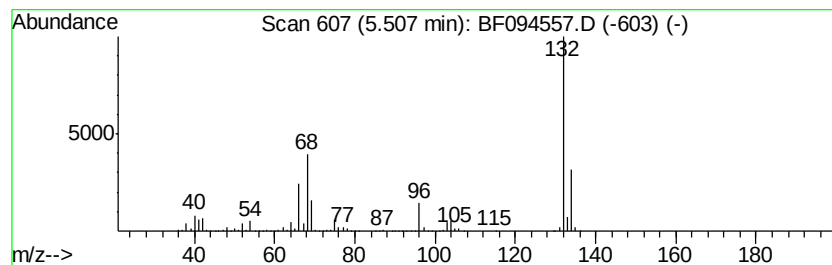
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	44.46 ng	1628640	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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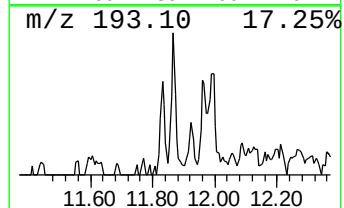
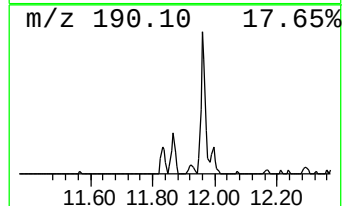
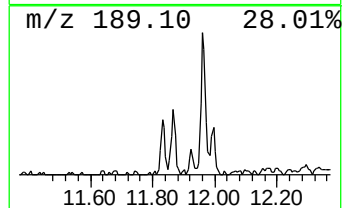
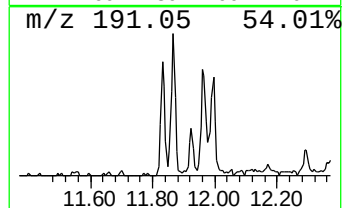
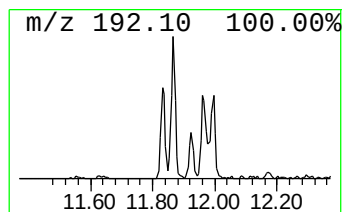
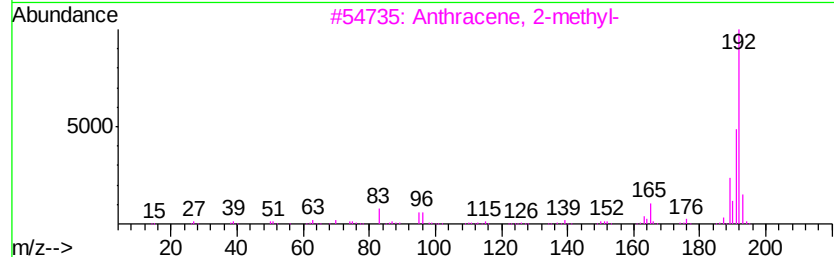
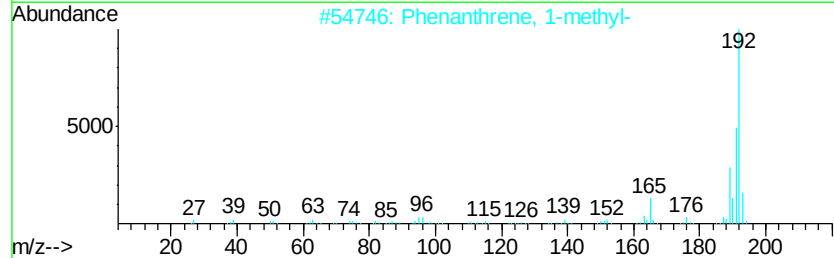
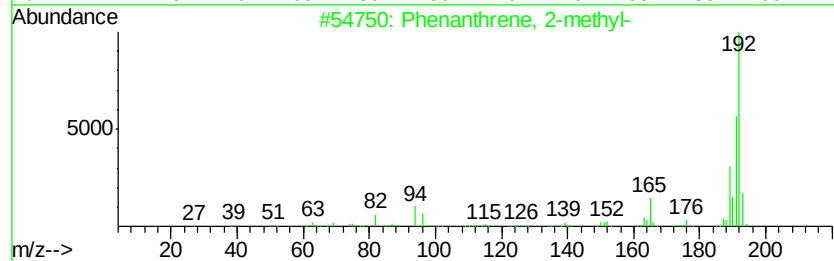
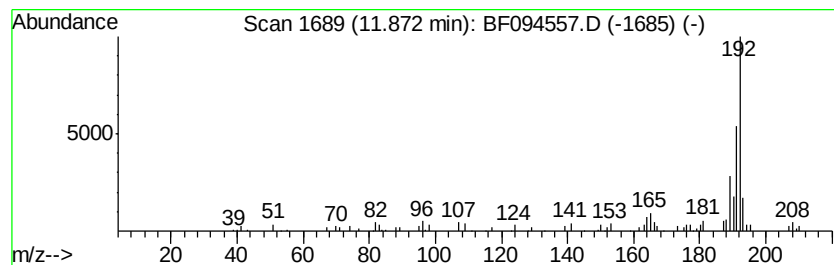
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.87	2.20 ng	94081	Phenanthrene-d10		11.21	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93



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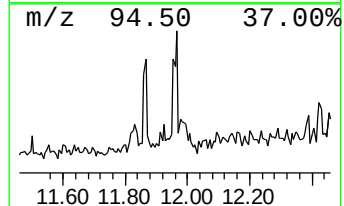
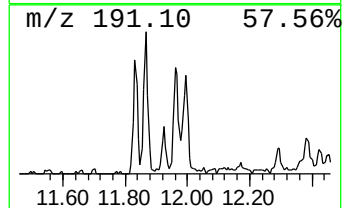
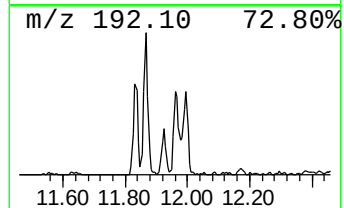
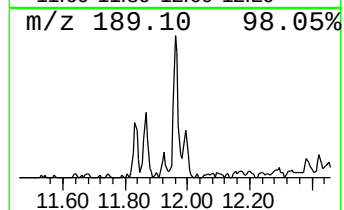
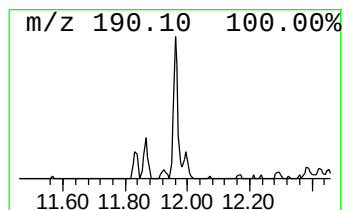
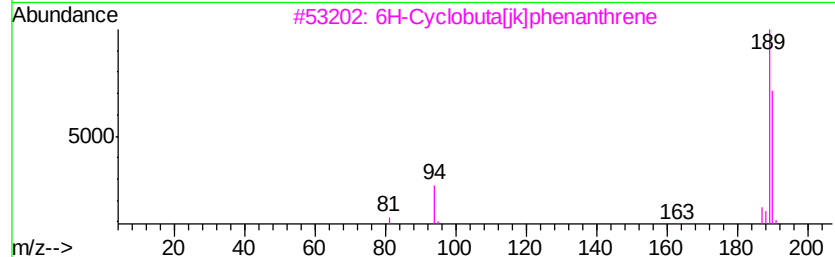
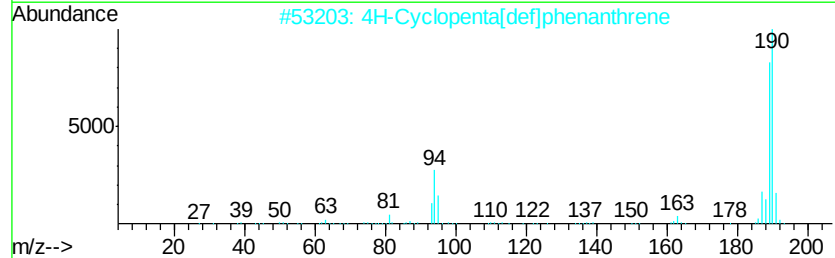
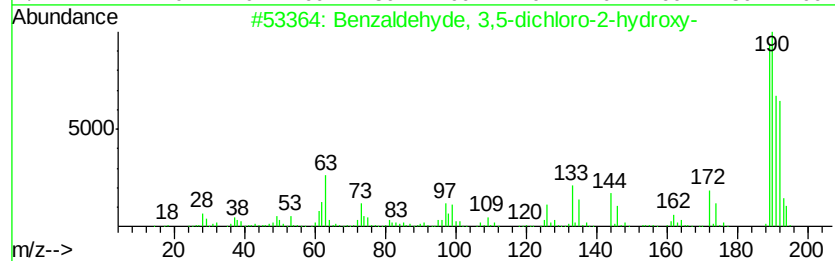
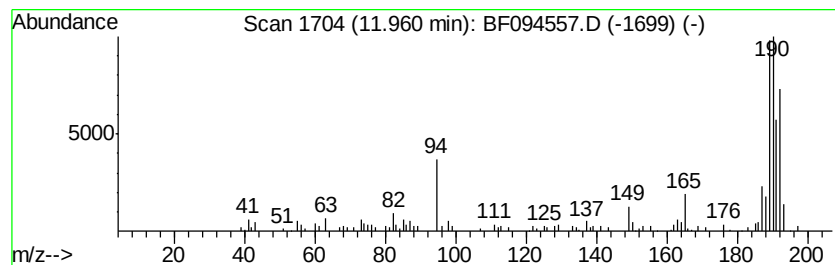
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.96	4.06 ng	173420	Phenanthrene-d10		11.21
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	6H-Cyclobuta[f]kphenanthrene	190	C15H10	083469-43-6	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



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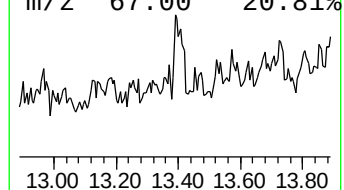
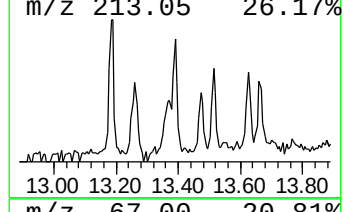
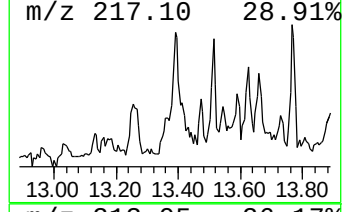
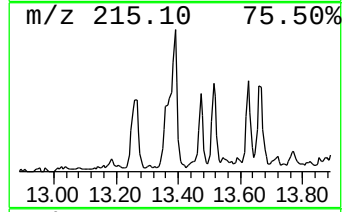
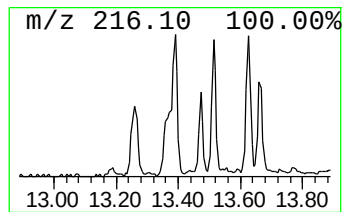
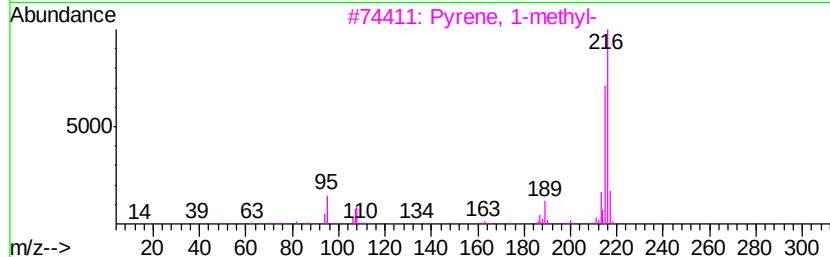
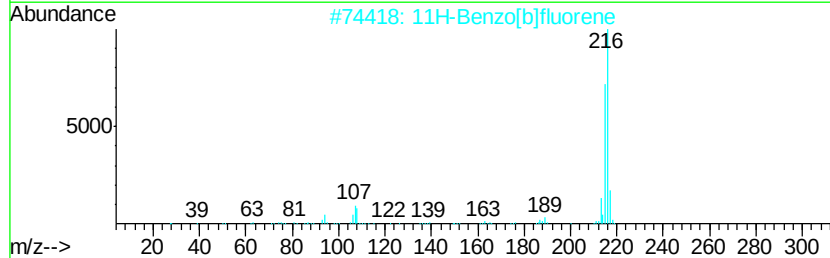
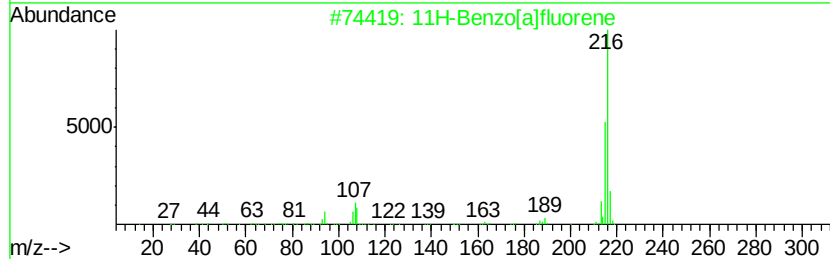
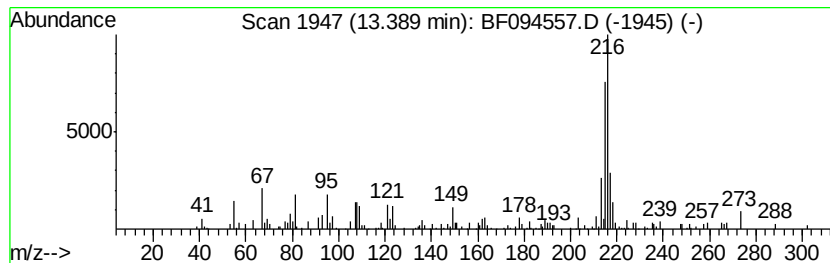
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170419

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.94 ng	144435	Chrysene-d12	14.46
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 76
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 76
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 64
4		Pvrene, 2-methyl-	216 C17H12	003442-78-2 59
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 53



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094557.D
Acq On : 20 Apr 2017 21:01
Operator : SJ/MA
Sample : I2744-18 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

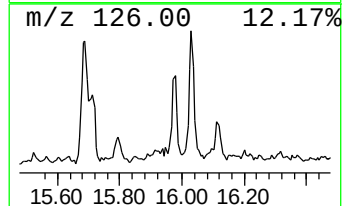
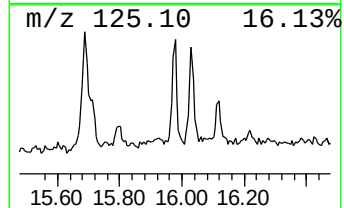
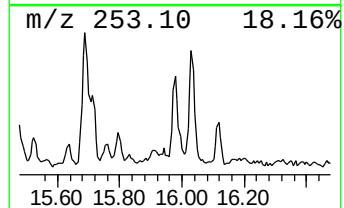
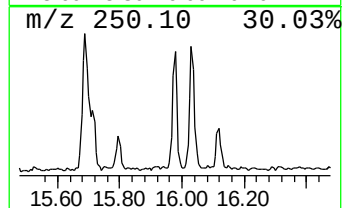
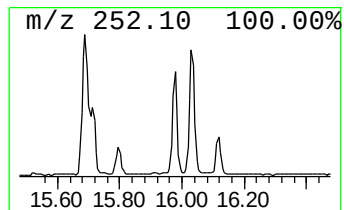
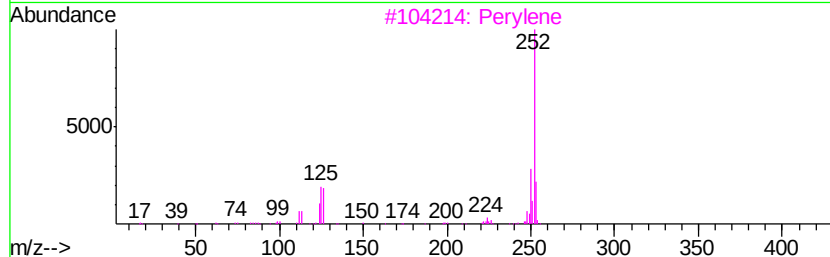
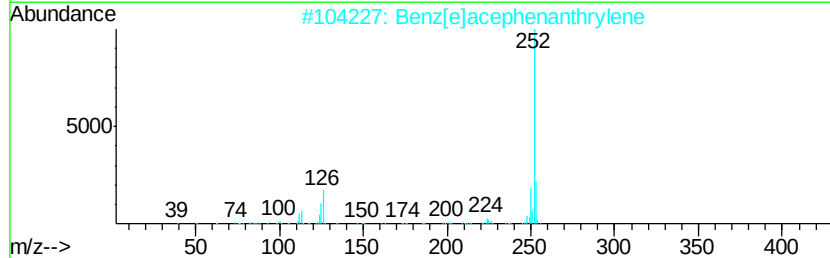
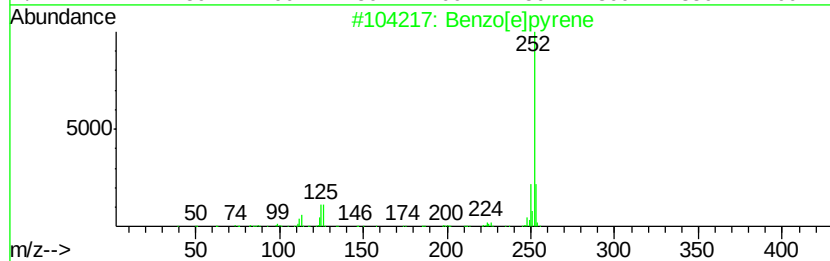
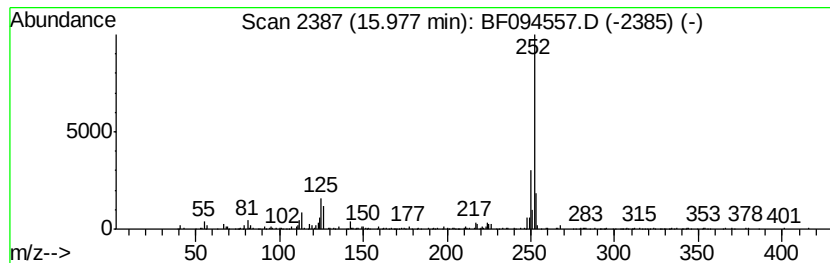
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ClientSampleId :
SB-4(0-2)20170419

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.98	4.01 ng	128694	Perylene-d12	16.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	89
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76



Data Path : Z:\HPCHEM1\BNA F\Data\BF042017\
Data File : BF094557.D
Acq On : 20 Apr 2017 21:01
Operator : SJ/MA
Sample : I2744-18 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

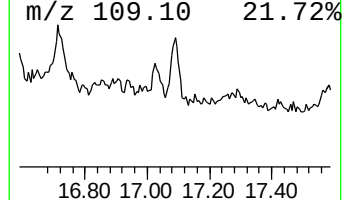
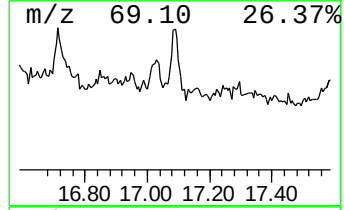
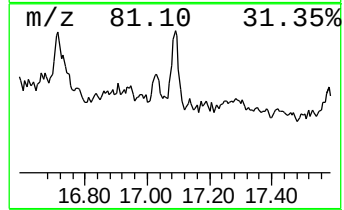
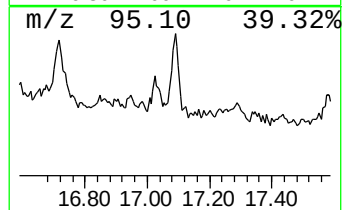
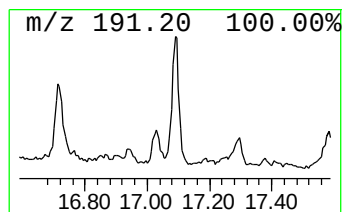
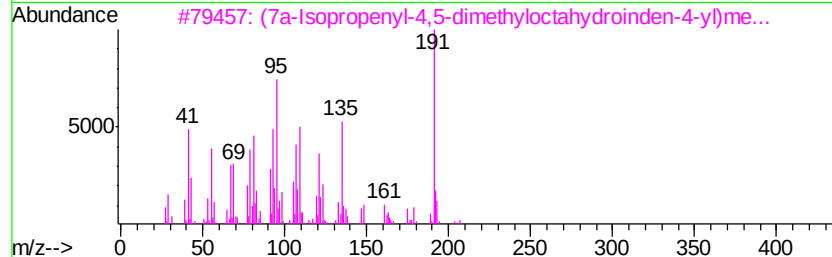
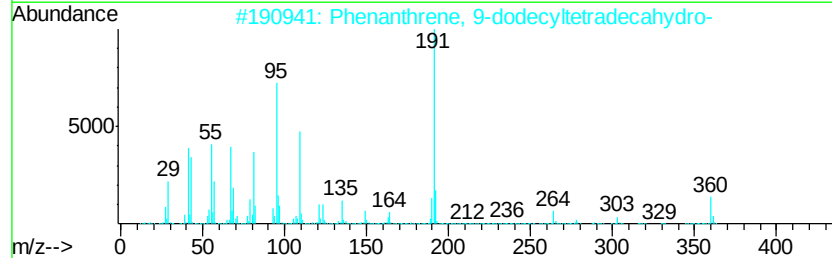
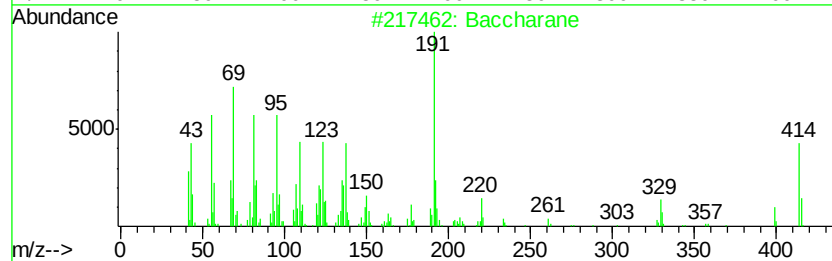
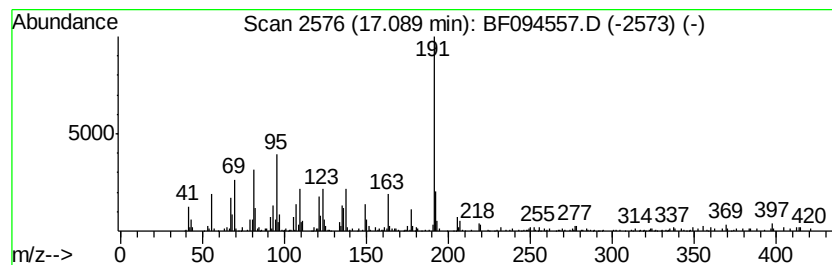
Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170419

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Baccharane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	10.84 ng	347737	Perylene-d12	16.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Baccharane	414 C30H54	036441-74-4	60
2	Phenanthrene, 9-dodecyltetradeca...	360 C26H48	055334-01-5	53
3	(7a-Isopropenyl-4,5-dimethyl-octa...	222 C15H26O	1000187-02-9	53
4	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	50
5	17.alfa.,21.beta.-28,30-Bisnorho...	384 C28H48	1000360-26-1	38



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042017\
Data File : BF094557.D
Acq On : 20 Apr 2017 21:01
Operator : SJ/MA
Sample : I2744-18 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-4(0-2)20170419

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.90	4.1	ng	149639	1	5.76	732553	20.0
unknown5.51	5.51	44.5	ng	1628640	1	5.76	732553	20.0
Phenanthrene, 2-m...	11.87	2.2	ng	94081	4	11.21	854674	20.0
Benzaldehyde, 3,5...	11.96	4.1	ng	173420	4	11.21	854674	20.0
11H-Benzo[a]fluorene	13.39	2.9	ng	144435	5	14.46	983207	20.0
Benzo[e]pyrene	15.98	4.0	ng	128694	6	16.09	641800	20.0
Baccharane	17.09	10.8	ng	347737	6	16.09	641800	20.0