

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
 Data File : BF099328.D
 Acq On : 11 Oct 2017 4:26
 Operator : SJ/JU
 Sample : I5766-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RS-CONCRETE

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-BF092317.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	2.158	9	12	20	rVB	41210	59336	2.51%	0.305%
2	5.093	508	511	526	rBV	225876	309081	13.05%	1.591%
3	5.493	574	579	582	rBV	2299939	2124434	89.72%	10.937%
4	6.498	745	750	769	rBV2	1980972	2367975	100.00%	12.191%
5	6.640	769	774	777	rBV	2214585	2148586	90.74%	11.061%
6	6.863	809	812	816	rBV	591103	476139	20.11%	2.451%
7	7.022	835	839	842	rBV	2090731	1784815	75.37%	9.189%
8	7.428	903	908	911	rBV	1159927	1052293	44.44%	5.417%
9	8.145	1026	1030	1034	rBV	719120	568703	24.02%	2.928%
10	9.145	1197	1200	1208	rBV	41912	43649	1.84%	0.225%
11	9.222	1208	1213	1216	rBV	2369356	2184108	92.24%	11.244%
12	9.610	1276	1279	1287	rBV	304012	239115	10.10%	1.231%
13	9.898	1324	1328	1332	rBV	592998	513556	21.69%	2.644%
14	10.692	1459	1463	1473	rBV	975297	924323	39.03%	4.759%
15	10.792	1477	1480	1487	rVB	28887	33526	1.42%	0.173%
16	11.386	1578	1581	1584	rBV	564658	487182	20.57%	2.508%
17	11.410	1584	1585	1590	rVB	62515	41563	1.76%	0.214%
18	11.892	1663	1667	1669	rBV	26128	26480	1.12%	0.136%
19	11.916	1669	1671	1674	rVB	32367	25244	1.07%	0.130%
20	11.998	1682	1685	1688	rBV2	42862	49872	2.11%	0.257%
21	12.022	1688	1689	1695	rVB	28636	23901	1.01%	0.123%
22	12.439	1755	1760	1762	rBV	28694	30460	1.29%	0.157%
23	12.527	1772	1775	1779	rBV3	22842	23780	1.00%	0.122%
24	12.604	1784	1788	1791	rBV	148365	131639	5.56%	0.678%
25	12.833	1821	1827	1830	rBV	241292	239241	10.10%	1.232%
26	12.974	1846	1851	1854	rBV	1940060	1909756	80.65%	9.832%
27	13.045	1860	1863	1869	rVB4	22435	33007	1.39%	0.170%
28	13.157	1875	1882	1886	rBV3	35596	66062	2.79%	0.340%
29	13.263	1897	1900	1903	rBV	32692	30292	1.28%	0.156%
30	13.386	1918	1921	1924	rBV2	34594	28502	1.20%	0.147%
31	13.780	1983	1988	1990	rBV3	19488	27556	1.16%	0.142%
32	13.804	1990	1992	1995	rVB	27513	23992	1.01%	0.124%
33	13.851	1998	2000	2003	rBV2	87888	89225	3.77%	0.459%
34	14.027	2025	2030	2033	rBV2	576079	582382	24.59%	2.998%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.057	2033	2035	2042	rVB	91408	84074	3.55%	0.433%
36	14.116	2042	2045	2051	rBV5	36950	46005	1.94%	0.237%
37	14.416	2091	2096	2099	rBV2	32168	35133	1.48%	0.181%
38	14.492	2104	2109	2111	rBV6	21177	36560	1.54%	0.188%
39	14.786	2155	2159	2163	rVB2	24440	28359	1.20%	0.146%
40	15.074	2204	2208	2211	rBV2	44793	74522	3.15%	0.384%
41	15.380	2257	2260	2266	rVB2	22360	29064	1.23%	0.150%
42	15.439	2267	2270	2275	rBV	38191	50264	2.12%	0.259%
43	15.504	2277	2281	2286	rBV	273294	340295	14.37%	1.752%

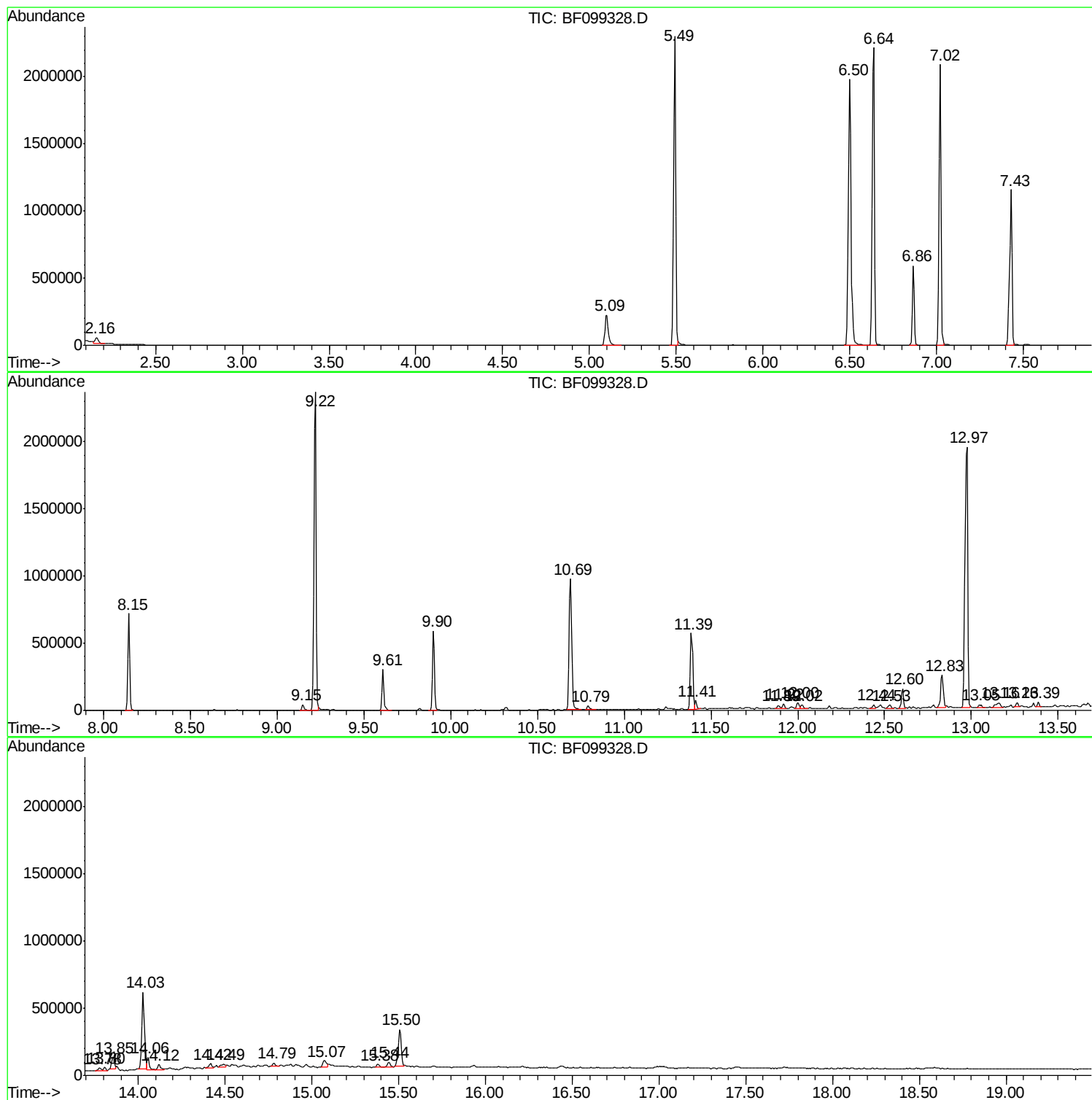
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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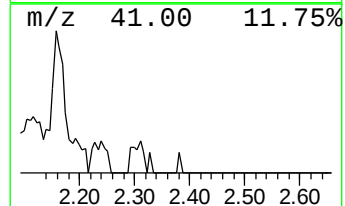
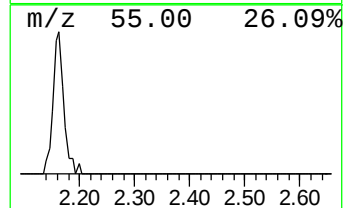
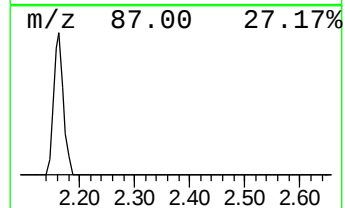
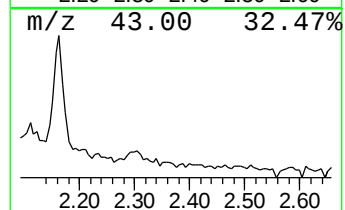
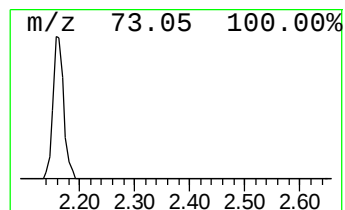
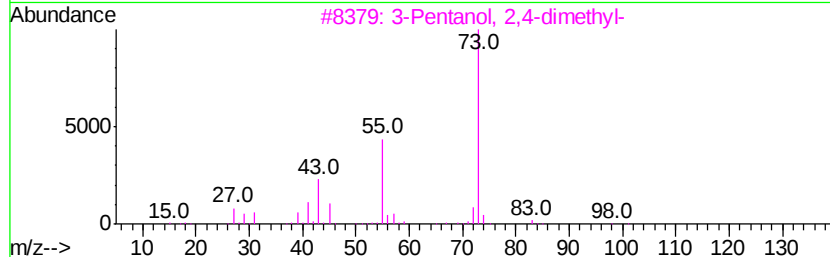
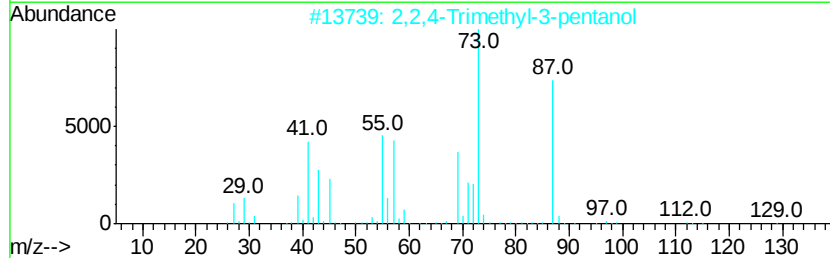
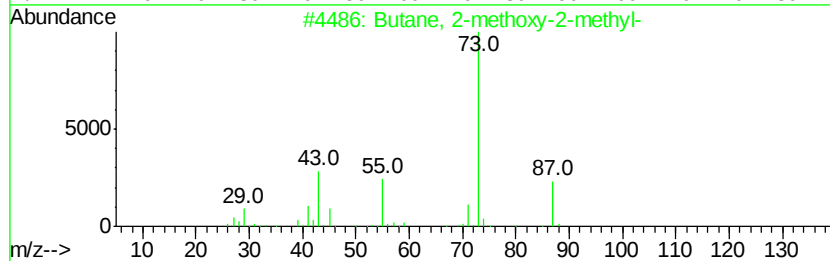
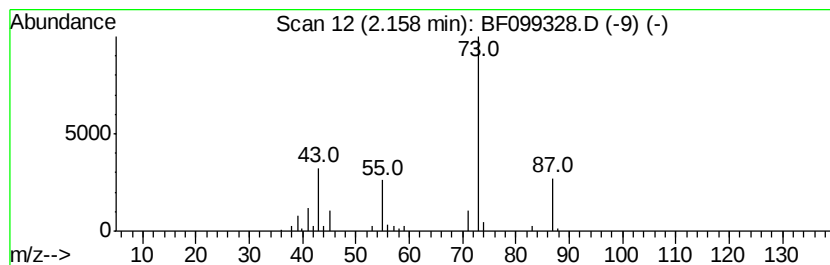
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.49 ng	59336	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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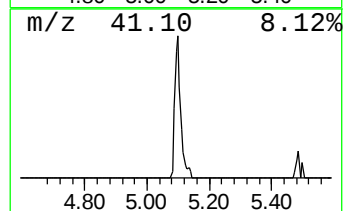
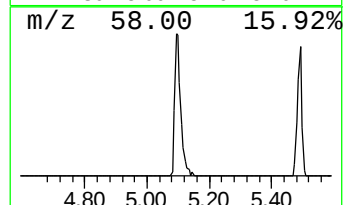
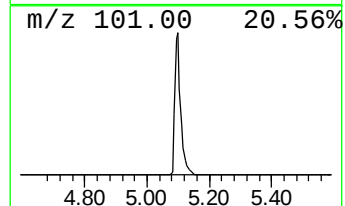
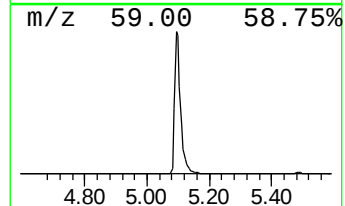
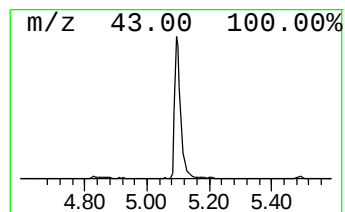
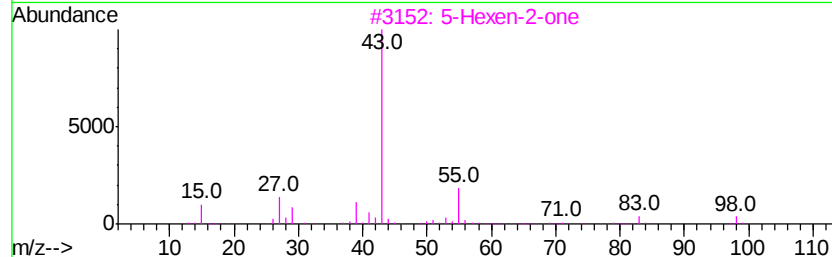
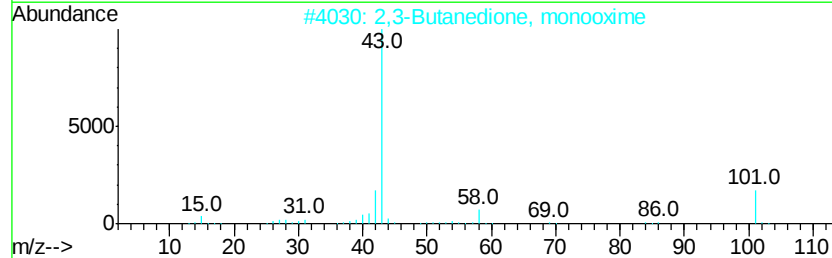
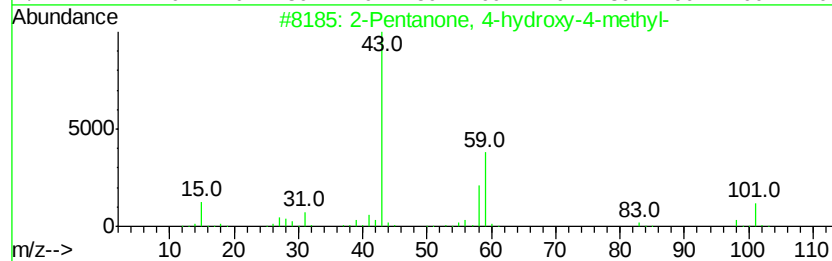
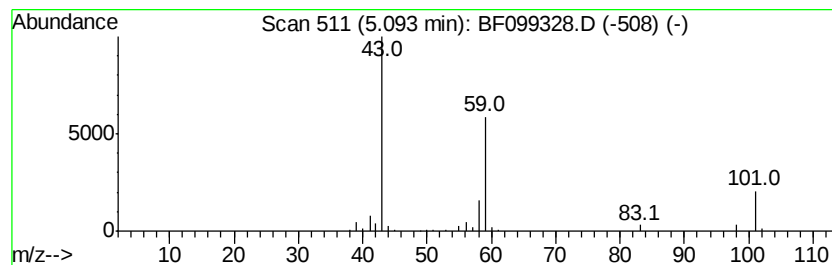
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	12.98 ng	309081	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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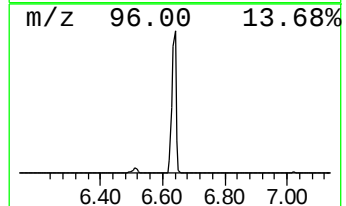
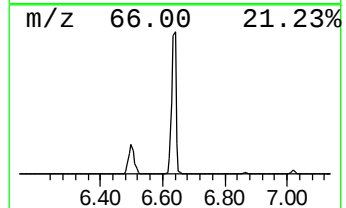
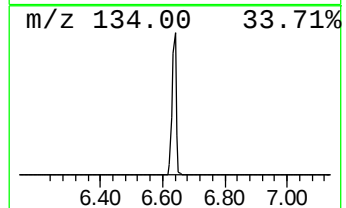
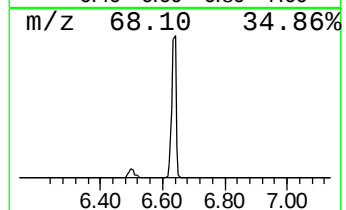
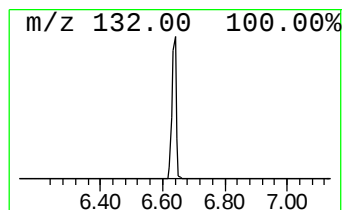
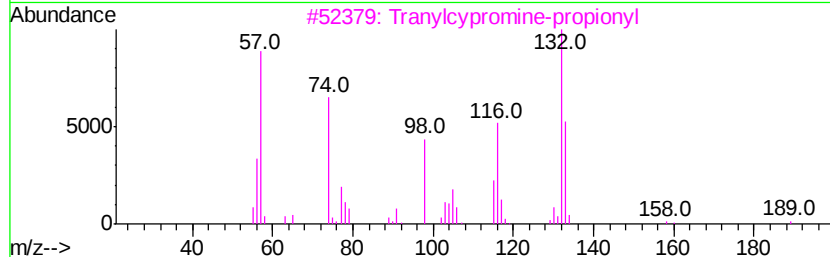
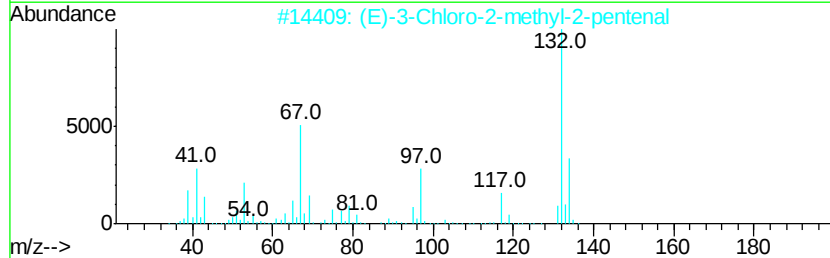
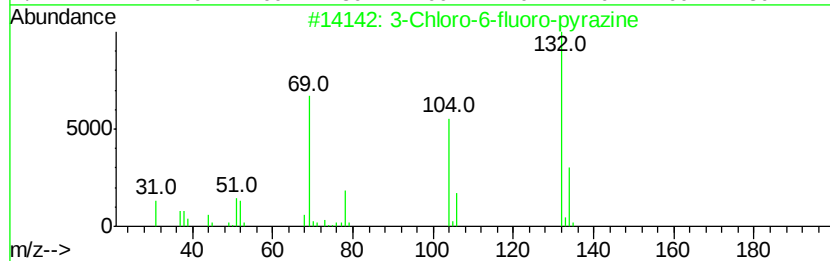
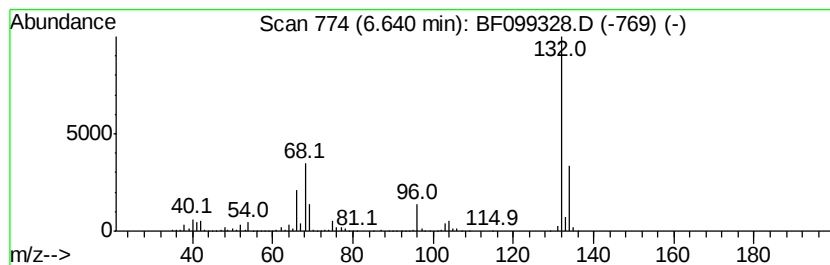
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	90.25 ng	2148590	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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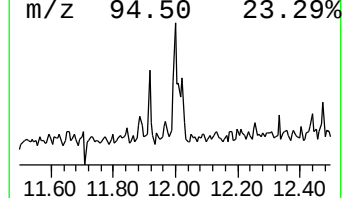
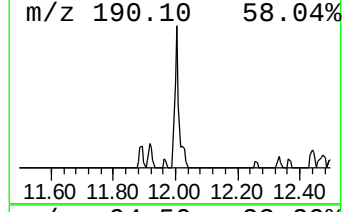
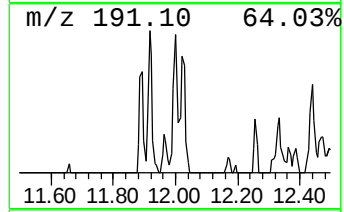
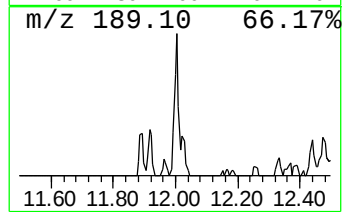
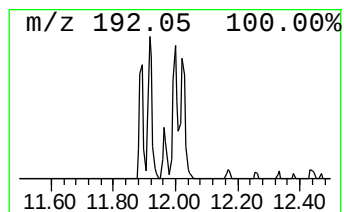
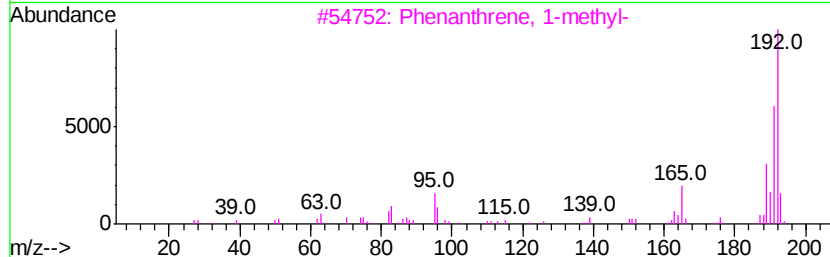
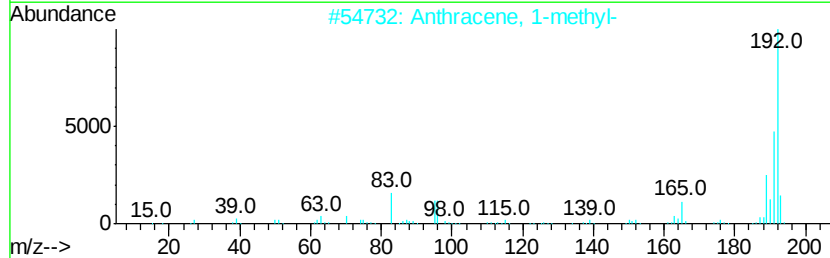
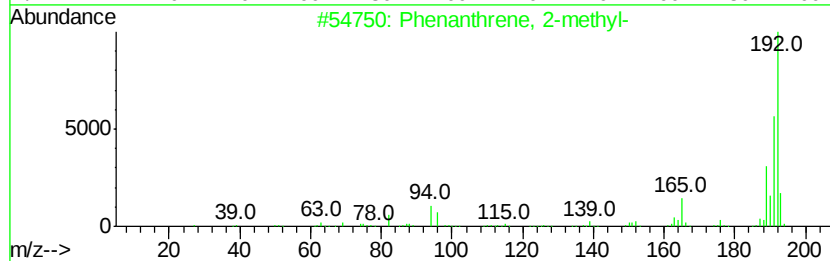
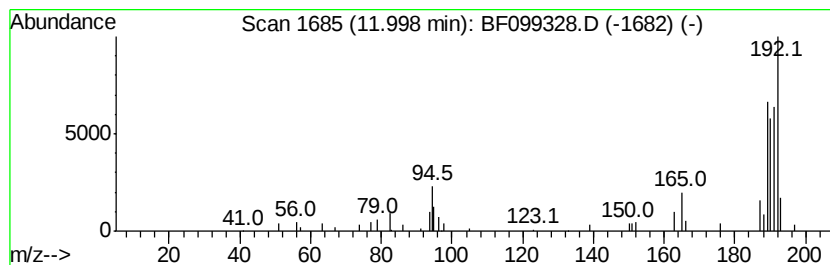
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.05 ng	49872	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	52



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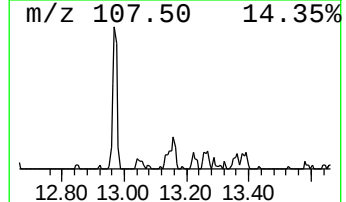
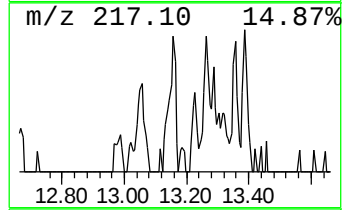
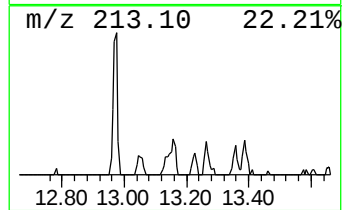
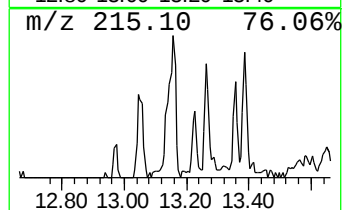
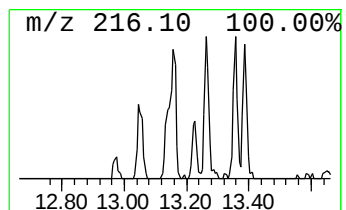
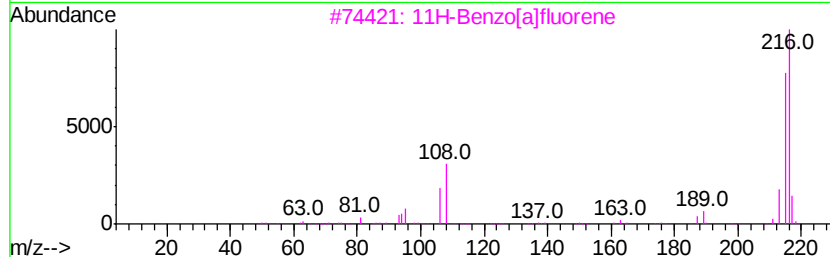
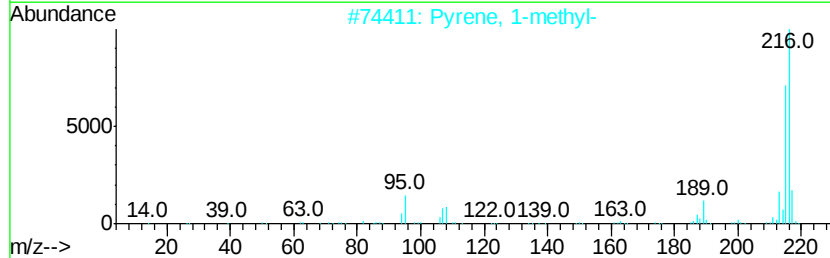
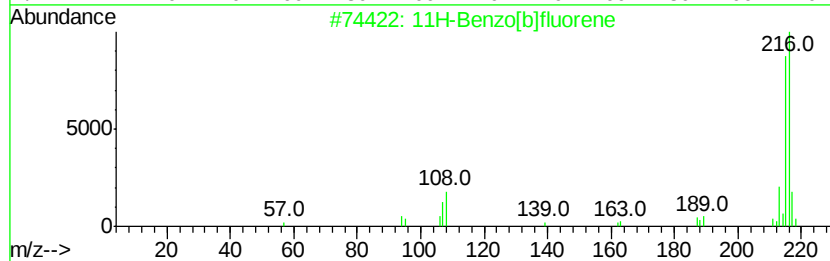
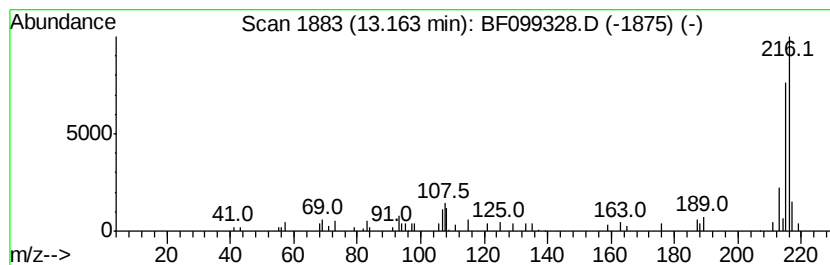
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	2.27 ng	66062	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
Data File : BF099328.D
Acq On : 11 Oct 2017 4:26
Operator : SJ/JU
Sample : I5766-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CONCRETE

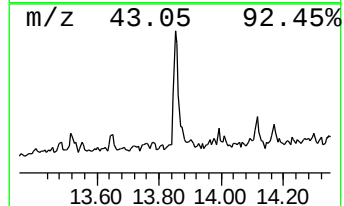
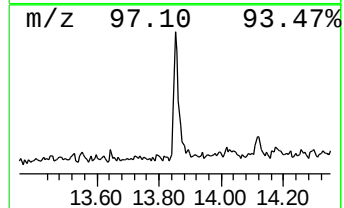
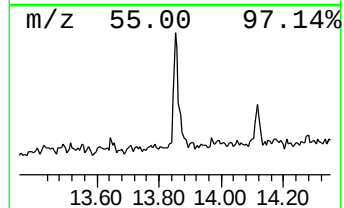
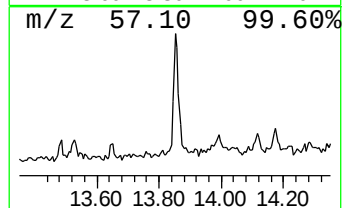
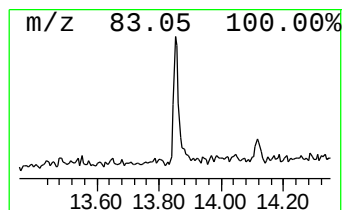
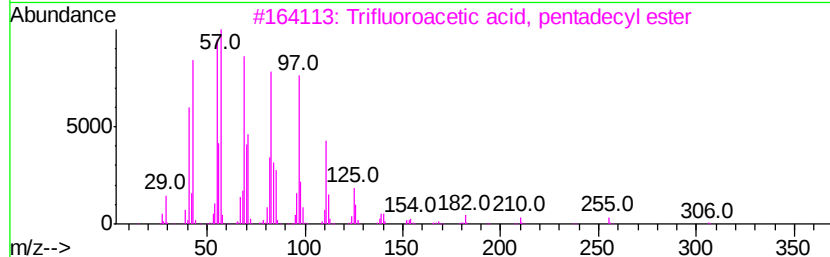
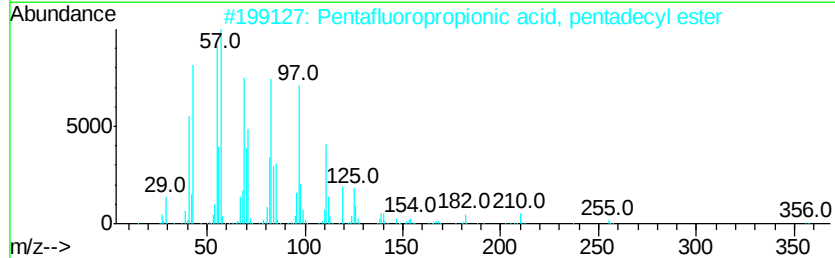
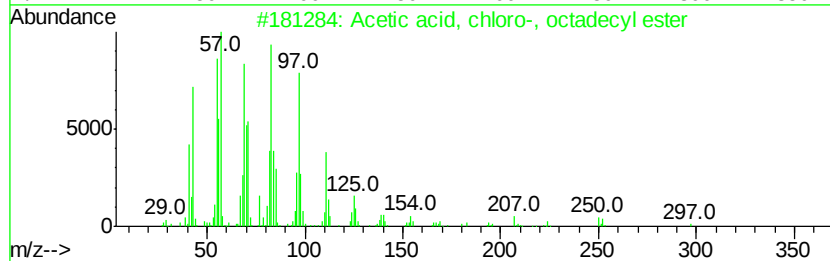
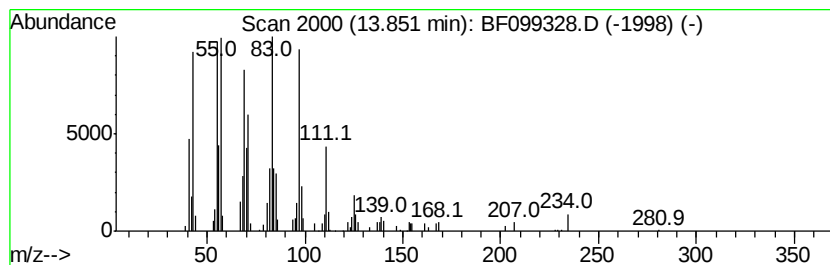
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Acetic acid, chloro-, octad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.06 ng	89225	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	94
2		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101017\
Data File : BF099328.D
Acq On : 11 Oct 2017 4:26
Operator : SJ/JU
Sample : I5766-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RS-CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Butane, 2-methoxy...	2.16	2.5	ng	59336	1	6.86	476139	20.0
2-Pentanone, 4-hy...	5.09	13.0	ng	309081	1	6.86	476139	20.0
unknown6.64	6.64	90.3	ng	2148590	1	6.86	476139	20.0
Phenanthrene, 2-m...	12.00	2.0	ng	49872	4	11.39	487182	20.0
11H-Benzo[b]fluorene	13.16	2.3	ng	66062	5	14.03	582382	20.0
Acetic acid, chlo...	13.85	3.1	ng	89225	5	14.03	582382	20.0