

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094028.D
 Acq On : 29 Mar 2017 19:44
 Operator : SJ/MA
 Sample : I2440-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-20-41

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-BF032217.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	4.063	365	370	377	rBV	263769	330334	8.70%	0.856%
2	4.451	431	436	439	rBV	3236909	3283576	86.47%	8.511%
3	5.516	611	617	620	rBV	2794891	3449854	90.85%	8.942%
4	5.663	636	642	645	rBV	3308240	3508795	92.41%	9.095%
5	5.916	681	685	689	rVB	1105599	964685	25.41%	2.501%
6	6.098	711	716	719	rBV	2634322	2587578	68.15%	6.707%
7	6.563	789	795	799	rBV	1859441	2241267	59.03%	5.810%
8	7.422	935	941	944	rBV	1330022	1354966	35.68%	3.512%
9	8.745	1159	1166	1169	rBV	3508102	3797144	100.00%	9.842%
10	9.239	1246	1250	1253	rBV	200368	182506	4.81%	0.473%
11	9.563	1297	1305	1309	rBV2	1464593	1560518	41.10%	4.045%
12	9.598	1309	1311	1315	rVB	97918	79819	2.10%	0.207%
13	9.816	1342	1348	1352	rBV3	44904	60491	1.59%	0.157%
14	10.151	1401	1405	1410	rBV	105152	95441	2.51%	0.247%
15	10.233	1416	1419	1423	rVB	87744	84384	2.22%	0.219%
16	10.433	1445	1453	1455	rBV4	44419	75812	2.00%	0.197%
17	10.533	1464	1470	1474	rBV	2010117	2310554	60.85%	5.989%
18	10.739	1501	1505	1507	rBV	107953	122281	3.22%	0.317%
19	11.139	1570	1573	1583	rVB4	22203	41647	1.10%	0.108%
20	11.292	1595	1599	1602	rBV	58114	53992	1.42%	0.140%
21	11.386	1609	1615	1617	rBV	1460923	1437971	37.87%	3.727%
22	11.410	1617	1619	1623	rVV	431052	390648	10.29%	1.013%
23	11.474	1623	1630	1634	rVB	175484	170720	4.50%	0.443%
24	12.010	1716	1721	1723	rBV	58269	61202	1.61%	0.159%
25	12.039	1723	1726	1731	rVB	82029	84941	2.24%	0.220%
26	12.098	1731	1736	1739	rBV2	38609	43991	1.16%	0.114%
27	12.139	1739	1743	1746	rVV	208192	213357	5.62%	0.553%
28	12.169	1746	1748	1753	rVB	56510	51447	1.35%	0.133%
29	12.380	1780	1784	1789	rBV2	52882	71966	1.90%	0.187%
30	12.686	1833	1836	1840	rBV	44194	60838	1.60%	0.158%
31	12.874	1864	1868	1872	rBV	910997	895007	23.57%	2.320%
32	13.057	1894	1899	1902	rBV2	29408	39988	1.05%	0.104%
33	13.151	1910	1915	1919	rBV	788721	862561	22.72%	2.236%
34	13.368	1945	1952	1955	rBV	2709136	3123021	82.25%	8.095%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.439	1960	1964	1967	rVB	41478	54503	1.44%	0.141%
36	13.545	1976	1982	1983	rBV4	43798	66312	1.75%	0.172%
37	13.563	1983	1985	1990	rVB	105785	115895	3.05%	0.300%
38	13.651	1996	2000	2003	rBV	96501	92593	2.44%	0.240%
39	13.692	2003	2007	2010	rBV2	78221	89351	2.35%	0.232%
40	13.804	2022	2026	2029	rBV	47606	43713	1.15%	0.113%
41	13.839	2029	2032	2039	rVV	37775	40802	1.07%	0.106%
42	14.186	2084	2091	2098	rBV5	28195	68698	1.81%	0.178%
43	14.321	2108	2114	2117	rBV4	48200	66644	1.76%	0.173%
44	14.439	2131	2134	2140	rVB2	26945	40029	1.05%	0.104%
45	14.521	2144	2148	2158	rVV3	187998	264385	6.96%	0.685%
46	14.633	2161	2167	2170	rVV2	1182088	1535165	40.43%	3.979%
47	14.662	2170	2172	2175	rVV	248028	257213	6.77%	0.667%
48	14.686	2175	2176	2182	rVB3	63820	67728	1.78%	0.176%
49	14.757	2182	2188	2191	rBV3	61733	81042	2.13%	0.210%
50	15.115	2244	2249	2253	rBV	49497	67693	1.78%	0.175%
51	15.309	2280	2282	2288	rVB6	24516	38027	1.00%	0.099%
52	15.674	2340	2344	2351	rBV7	21553	45407	1.20%	0.118%
53	15.751	2353	2357	2363	rVV3	25024	39042	1.03%	0.101%
54	15.857	2370	2375	2378	rBV	177509	272255	7.17%	0.706%
55	15.962	2390	2393	2398	rVB	38756	39233	1.03%	0.102%
56	16.145	2420	2424	2429	rVB	107620	122194	3.22%	0.317%
57	16.204	2429	2434	2439	rBV	155201	173336	4.56%	0.449%
58	16.268	2439	2445	2449	rBV	725546	898458	23.66%	2.329%
59	16.798	2530	2535	2541	rBV2	41465	60301	1.59%	0.156%
60	17.262	2610	2614	2621	rBV6	21563	42680	1.12%	0.111%
61	17.615	2669	2674	2684	rVB2	57088	117677	3.10%	0.305%
62	18.009	2736	2741	2748	rBV	44438	85664	2.26%	0.222%

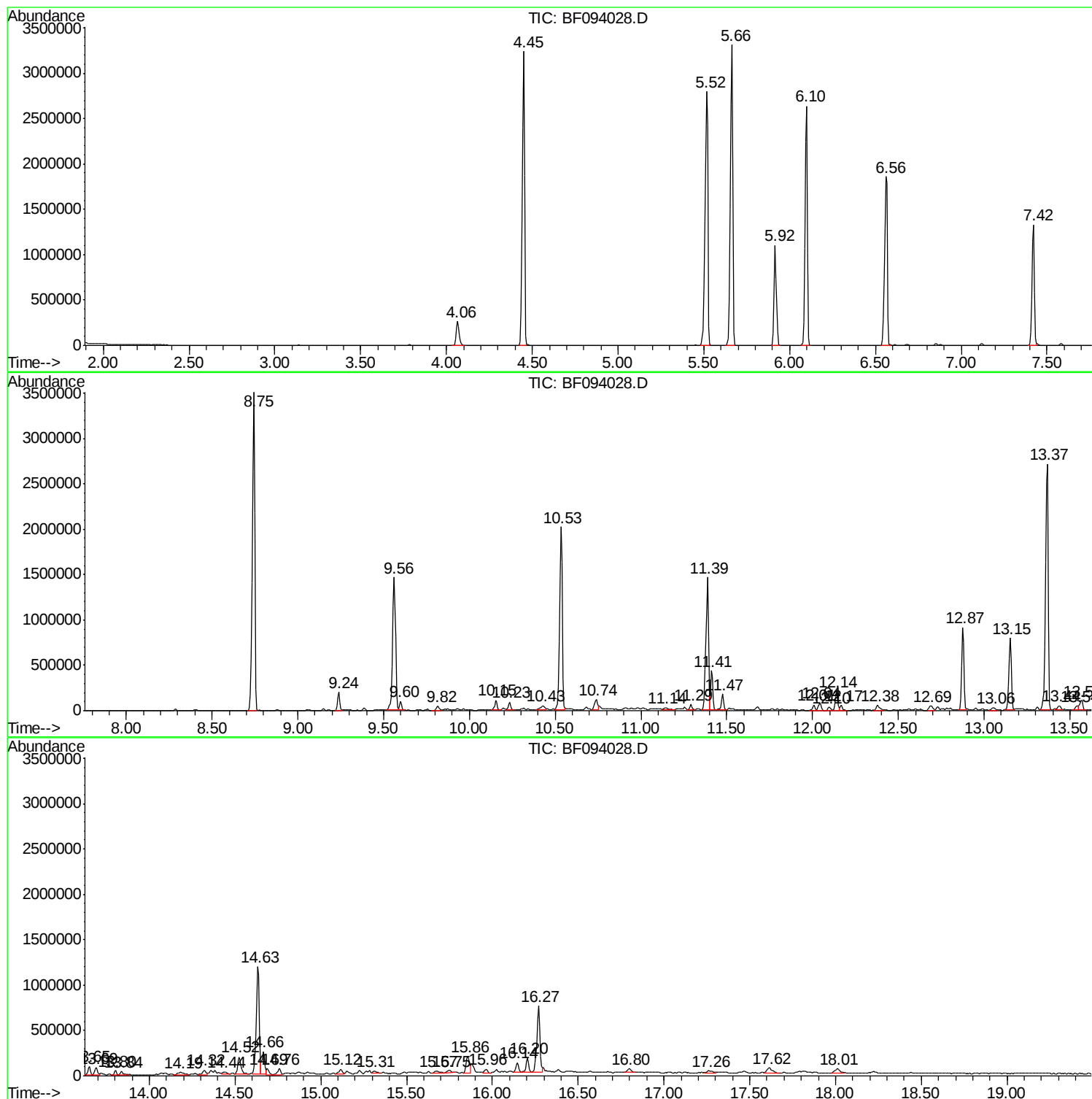
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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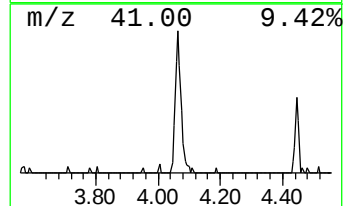
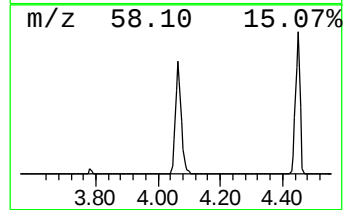
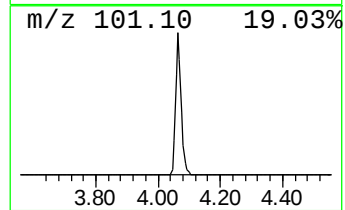
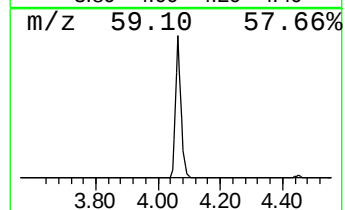
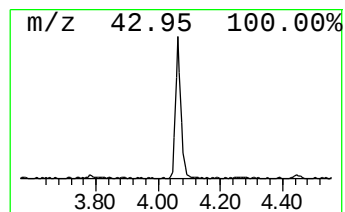
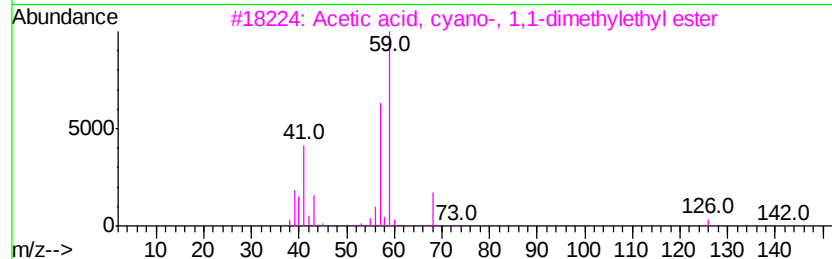
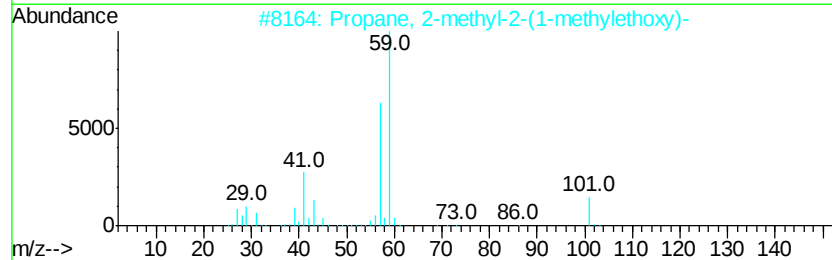
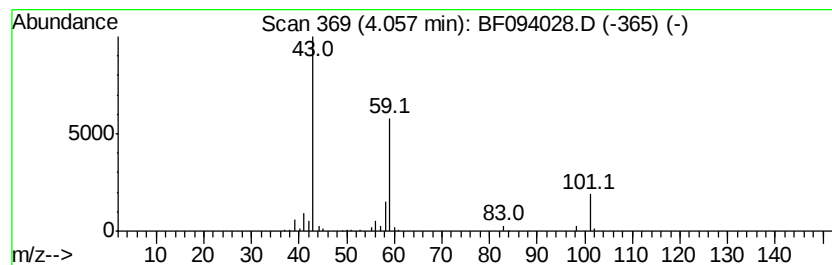
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	6.85 ng	330334	1,4-Dichlorobenzene-d4	5.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	32
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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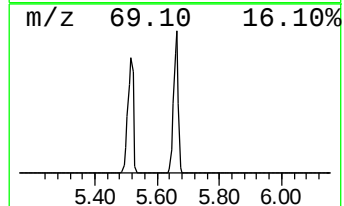
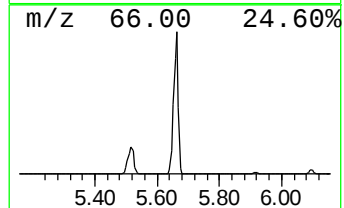
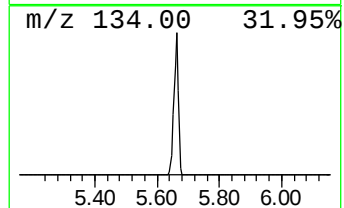
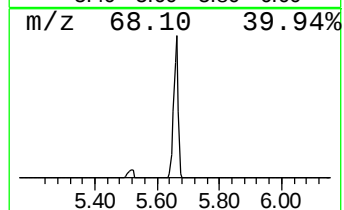
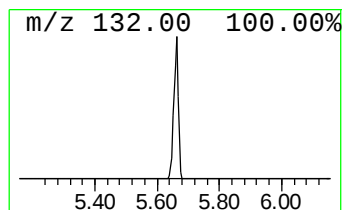
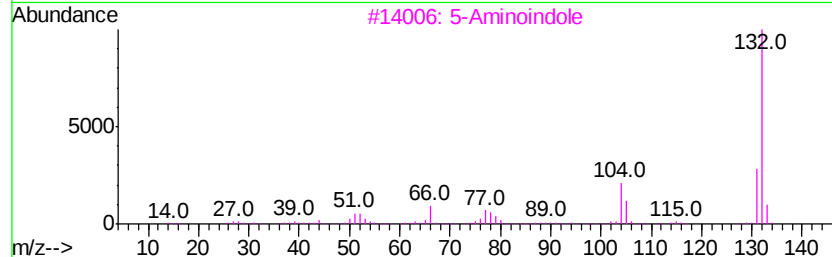
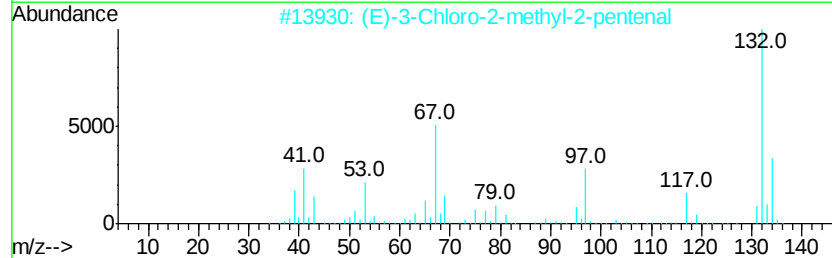
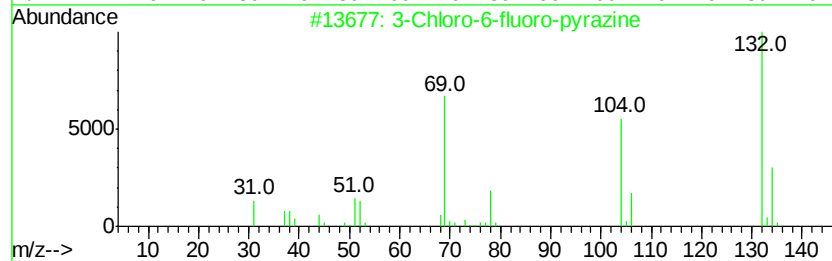
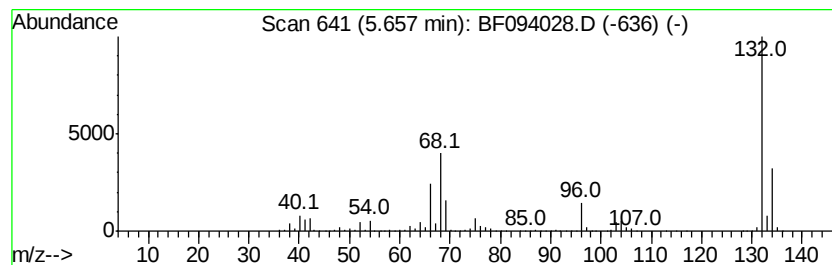
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	72.74 ng	3508800	1,4-Dichlorobenzene-d4	5.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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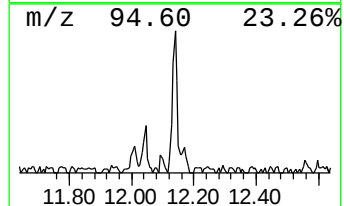
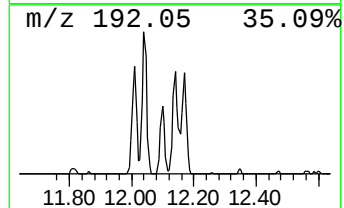
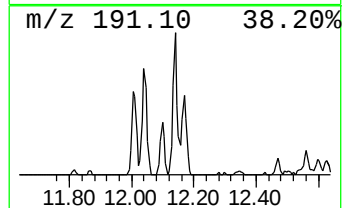
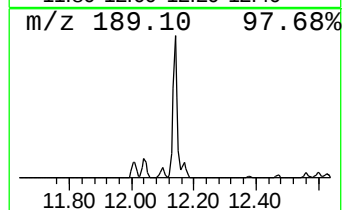
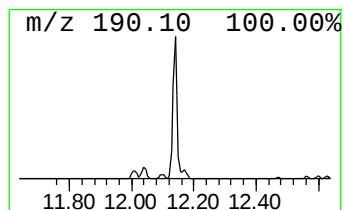
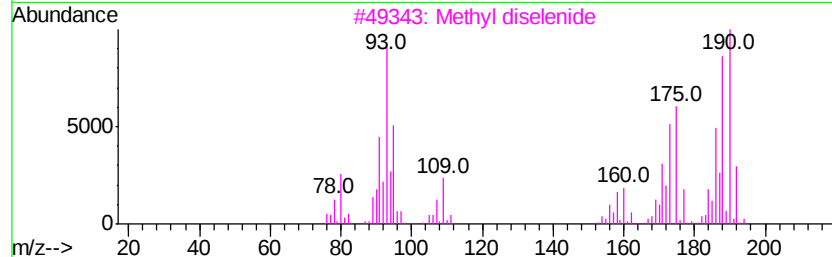
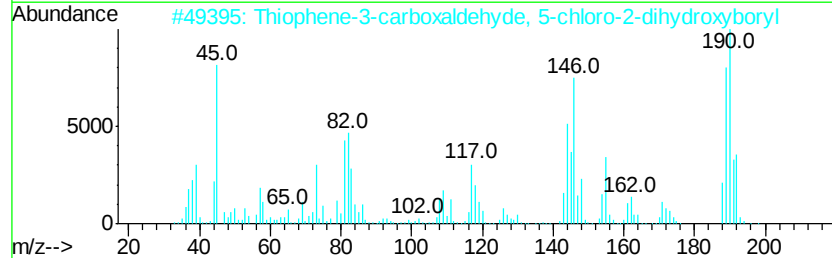
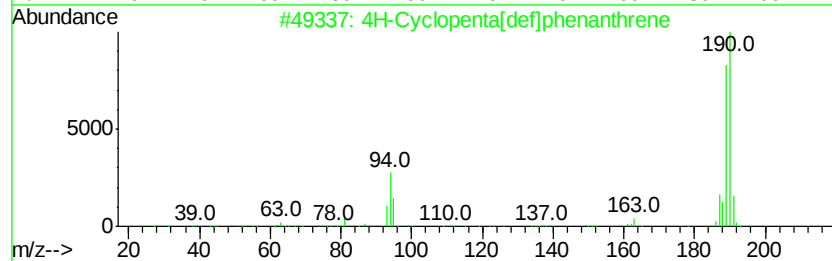
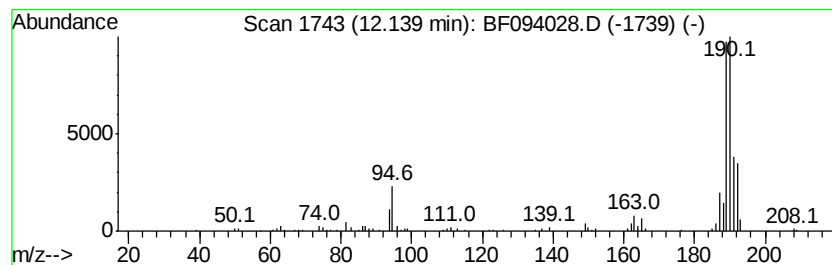
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.97 ng	213357	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	59
3		Methyl diselenide	190	C2H6Se2	007101-31-7	55
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



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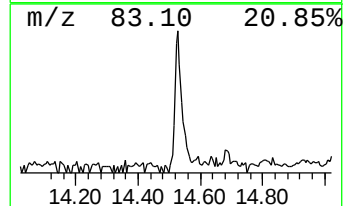
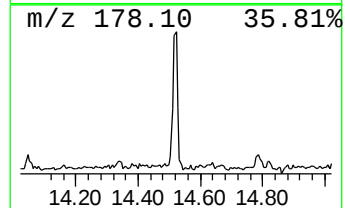
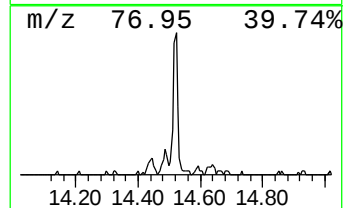
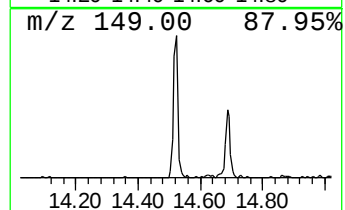
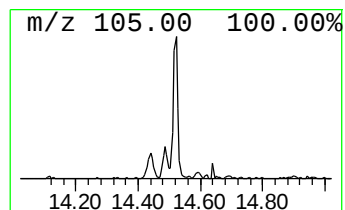
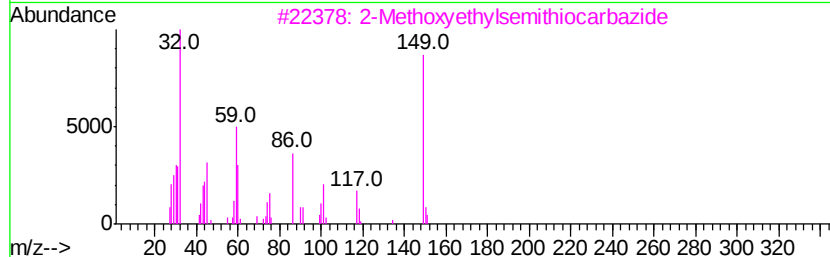
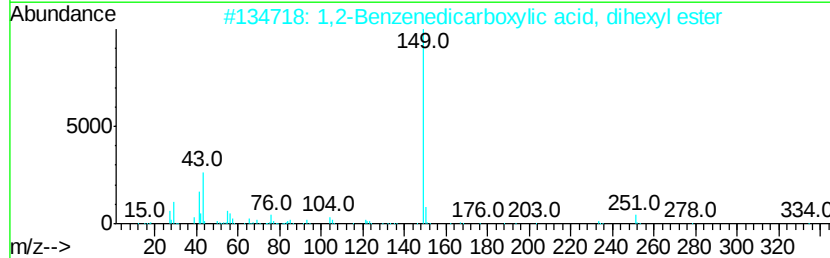
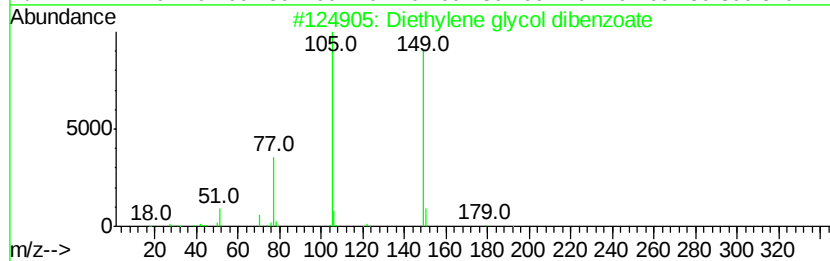
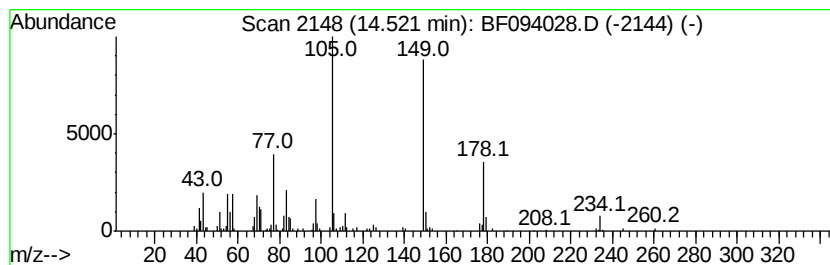
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.52	3.44 ng	264385	Chrysene-d12		14.63
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethvlene glycol dibenzoate	314	C18H18O5	000120-55-8	53
2	1,2-Benzenedicarboxylic acid, di...	334	C20H30O4	000084-75-3	35
3	2-Methoxvethylsemithiocarbazide	149	C4H11N3OS	006926-54-1	30
4	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	27
5	1-Propanone, 3-hydroxy-1-phenyl-	150	C9H10O2	005650-41-9	14



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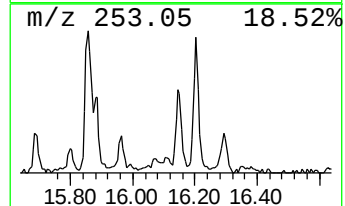
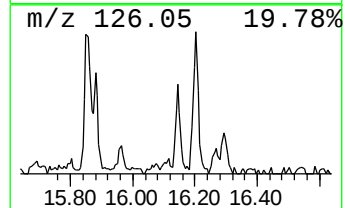
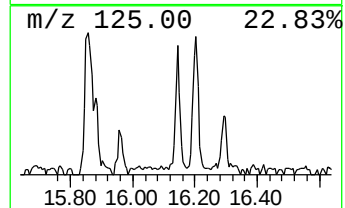
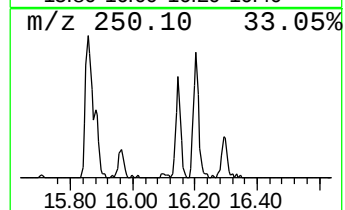
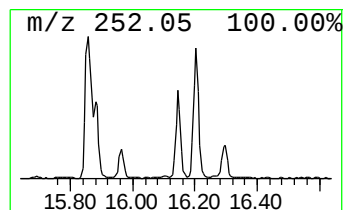
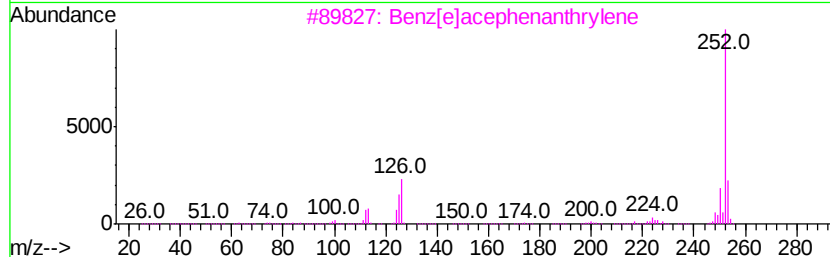
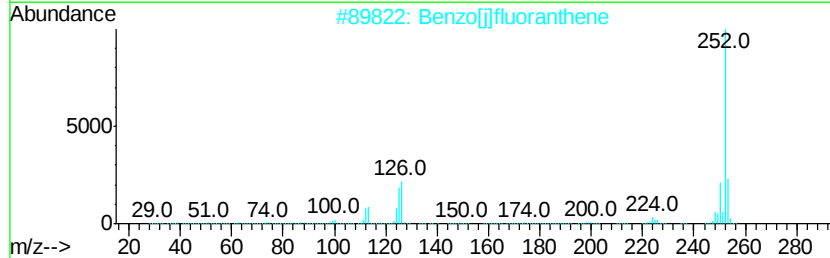
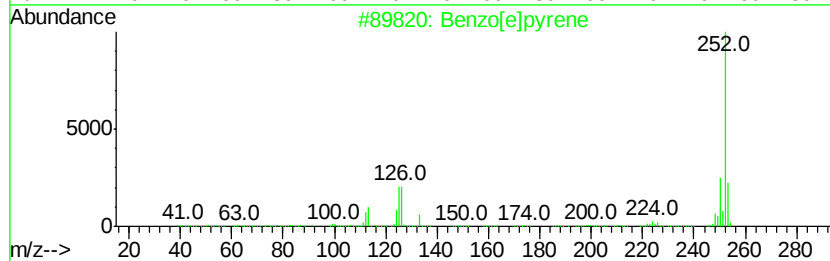
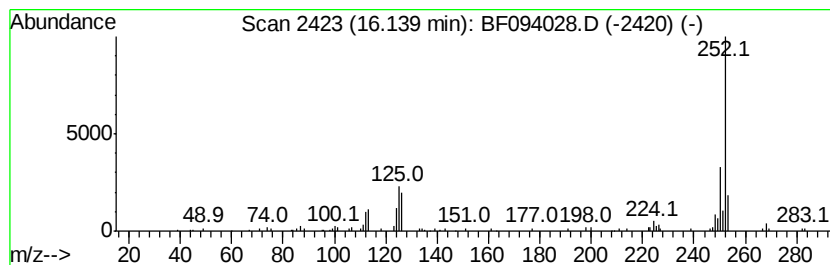
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.72 ng	122194	Perylene-d12	16.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[il]fluoranthene	252	C20H12	000205-82-3	93
3		Benz[el]acephenanthrylene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	91
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032917\
Data File : BF094028.D
Acq On : 29 Mar 2017 19:44
Operator : SJ/MA
Sample : I2440-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-20-41

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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
2-Pentanone, 4-hy...	4.06	6.8	ng	330334	1	5.92	964685	20.0
unknown5.66	5.66	72.7	ng	3508800	1	5.92	964685	20.0
4H-Cyclopenta[def...	12.14	3.0	ng	213357	4	11.39	1437970	20.0
Diethylene glycol...	14.52	3.4	ng	264385	5	14.63	1535170	20.0
Benzo[e]pyrene	16.14	2.7	ng	122194	6	16.27	898458	20.0