

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100843.D
 Acq On : 23 Nov 2017 00:21
 Operator : SJ/JU
 Sample : I6528-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-BACKYARD

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-BF110817.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	5.093	507	511	519	rBV	116626	146536	7.97%	0.793%
2	5.487	573	578	581	rBV	1545915	1533973	83.45%	8.297%
3	6.492	743	749	759	rBV	1534631	1598654	86.97%	8.647%
4	6.628	768	772	776	rBV	1659803	1613379	87.77%	8.727%
5	6.857	808	811	815	rBB	585047	462852	25.18%	2.504%
6	7.016	833	838	841	rBV	1485125	1284839	69.90%	6.950%
7	7.422	902	907	910	rBV	1042005	1010000	54.94%	5.463%
8	8.139	1025	1029	1032	rBV	743126	615743	33.50%	3.331%
9	9.216	1206	1212	1215	rBV	2124689	1838238	100.00%	9.943%
10	9.610	1275	1279	1281	rBV	153769	135059	7.35%	0.731%
11	9.757	1299	1304	1307	rBV	34656	27210	1.48%	0.147%
12	9.822	1307	1315	1319	rVV2	62155	63959	3.48%	0.346%
13	9.898	1324	1328	1331	rVB	761294	653318	35.54%	3.534%
14	10.316	1397	1399	1402	rVB2	64729	57136	3.11%	0.309%
15	10.686	1458	1462	1465	rBV	1175899	1010123	54.95%	5.464%
16	10.792	1477	1480	1485	rBV	51157	49611	2.70%	0.268%
17	11.386	1577	1581	1583	rBV	713765	650650	35.40%	3.519%
18	11.404	1583	1584	1588	rVV	100210	69153	3.76%	0.374%
19	11.457	1590	1593	1596	rVB	27104	22080	1.20%	0.119%
20	11.898	1663	1668	1673	rBV2	113045	139446	7.59%	0.754%
21	11.998	1681	1685	1687	rBV2	37176	43793	2.38%	0.237%
22	12.433	1754	1759	1762	rBV2	26468	36250	1.97%	0.196%
23	12.516	1771	1773	1779	rVB2	22987	25489	1.39%	0.138%
24	12.598	1783	1787	1790	rBV	374205	328787	17.89%	1.778%
25	12.686	1799	1802	1806	rBV2	31300	29363	1.60%	0.159%
26	12.774	1814	1817	1820	rVB3	32591	31762	1.73%	0.172%
27	12.827	1820	1826	1829	rVV	370347	381200	20.74%	2.062%
28	12.874	1832	1834	1839	rVB3	17093	21249	1.16%	0.115%
29	12.969	1846	1850	1853	rVV	1586371	1372214	74.65%	7.422%
30	13.045	1857	1863	1867	rBV3	31203	55064	3.00%	0.298%
31	13.127	1874	1877	1879	rBV3	26626	32366	1.76%	0.175%
32	13.151	1879	1881	1886	rVB	45648	44962	2.45%	0.243%
33	13.257	1895	1899	1902	rVB2	46890	48347	2.63%	0.262%
34	13.351	1912	1915	1917	rVB	26934	22819	1.24%	0.123%

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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	13.380	1917	1920	1924	rBV2	26076	24270	1.32%	0.131%
36	13.533	1941	1946	1948	rBV5	14652	22095	1.20%	0.120%
37	13.657	1964	1967	1971	rVB	32979	32524	1.77%	0.176%
38	13.768	1980	1986	1989	rBV3	25298	36723	2.00%	0.199%
39	13.851	1997	2000	2013	rVB4	184406	226638	12.33%	1.226%
40	14.021	2021	2029	2032	rBV2	585837	685284	37.28%	3.707%
41	14.045	2032	2033	2039	rVB	163072	141588	7.70%	0.766%
42	14.127	2044	2047	2051	rBV	21816	20788	1.13%	0.112%
43	14.168	2051	2054	2057	rBV2	24847	27924	1.52%	0.151%
44	14.251	2064	2068	2071	rBV2	16253	20307	1.10%	0.110%
45	14.410	2090	2095	2098	rVB	42220	42097	2.29%	0.228%
46	14.439	2098	2100	2104	rBV4	21534	21487	1.17%	0.116%
47	14.486	2104	2108	2113	rBV4	30847	52514	2.86%	0.284%
48	14.533	2113	2116	2118	rBV2	22013	20431	1.11%	0.111%
49	14.639	2131	2134	2139	rVB	149297	133456	7.26%	0.722%
50	15.063	2201	2206	2209	rBV	170575	254876	13.87%	1.379%
51	15.168	2222	2224	2228	rVB	43731	44298	2.41%	0.240%
52	15.368	2253	2258	2264	rVB	102261	125344	6.82%	0.678%
53	15.427	2264	2268	2274	rVB	153061	189623	10.32%	1.026%
54	15.498	2274	2280	2283	rBV	364599	476007	25.89%	2.575%
55	15.933	2351	2354	2358	rVB4	18509	26479	1.44%	0.143%
56	15.986	2358	2363	2367	rBV5	25053	47133	2.56%	0.255%
57	16.962	2523	2529	2537	rVB2	74916	151119	8.22%	0.817%
58	17.139	2554	2559	2564	rBV3	19937	39332	2.14%	0.213%
59	17.409	2598	2605	2611	rBV2	63702	125589	6.83%	0.679%
60	17.645	2640	2645	2652	rBV3	19023	43965	2.39%	0.238%

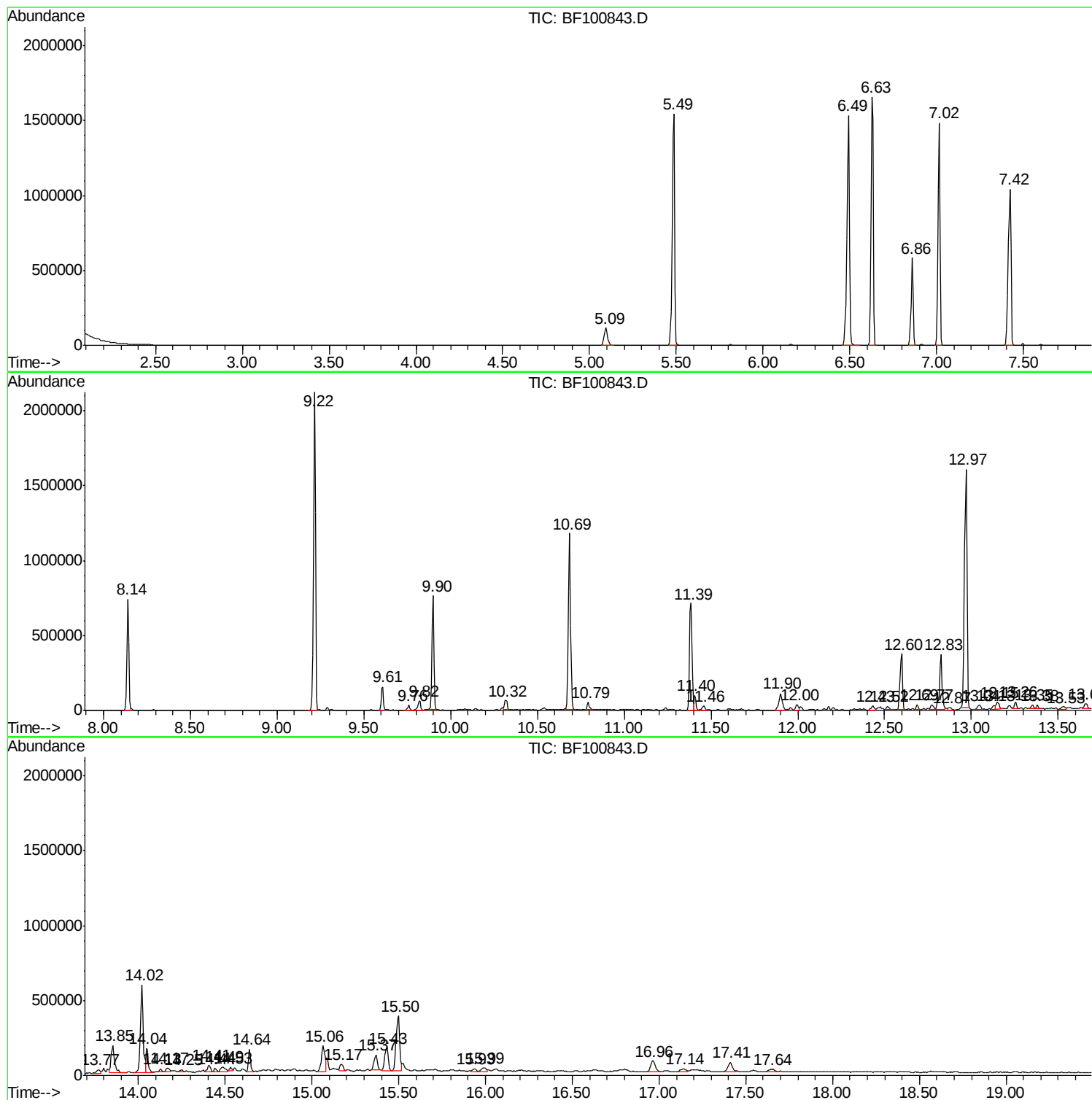
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

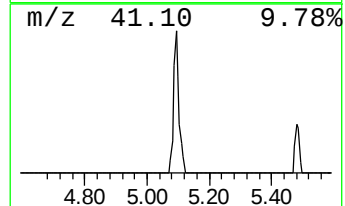
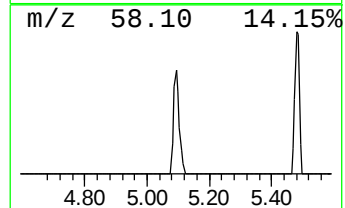
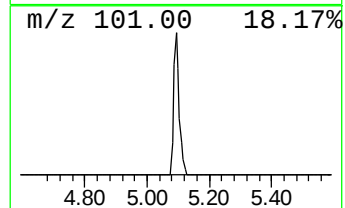
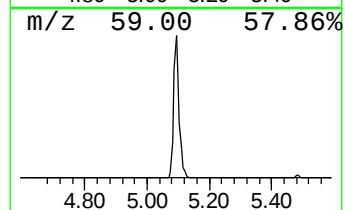
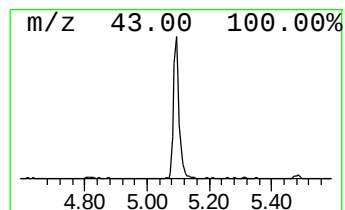
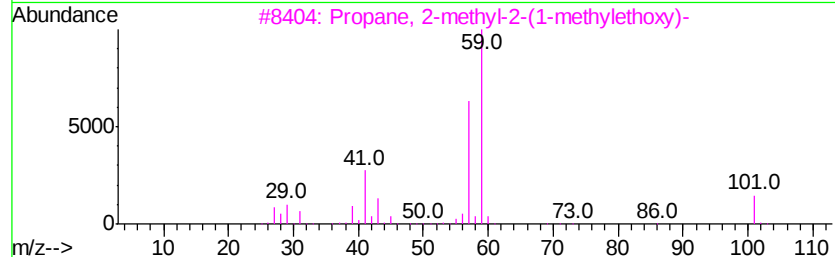
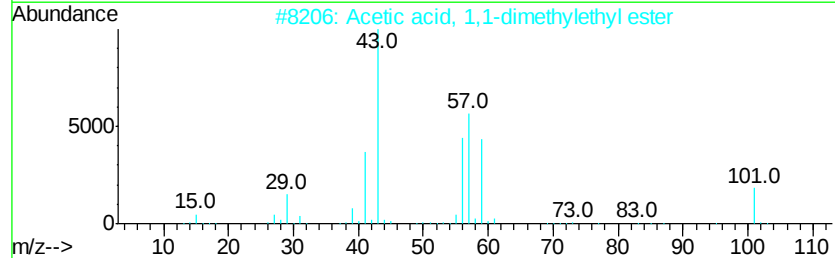
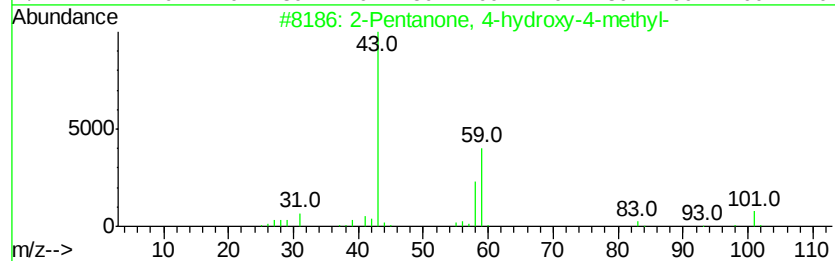
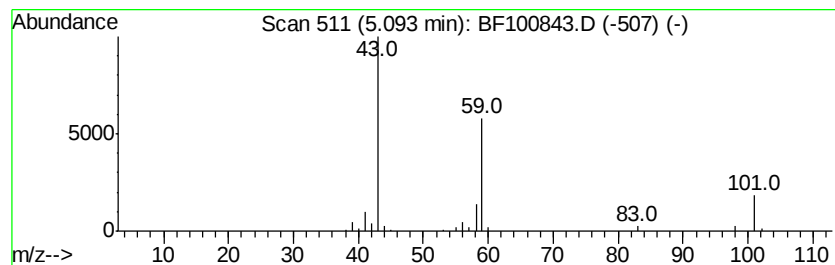
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.09	6.33 ng	146536	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39		
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36		
4	3-Hexanol	102	C6H14O	000623-37-0	33		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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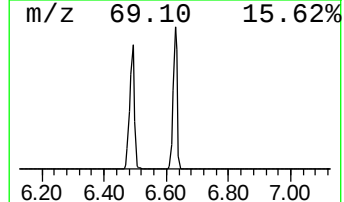
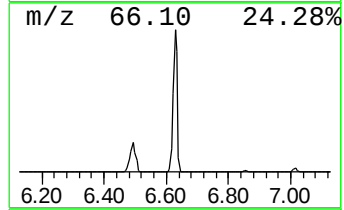
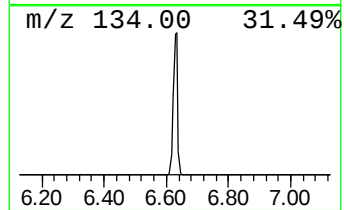
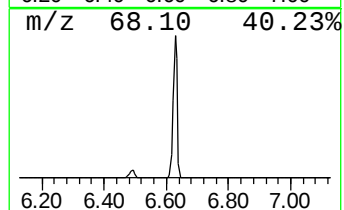
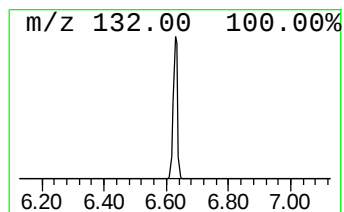
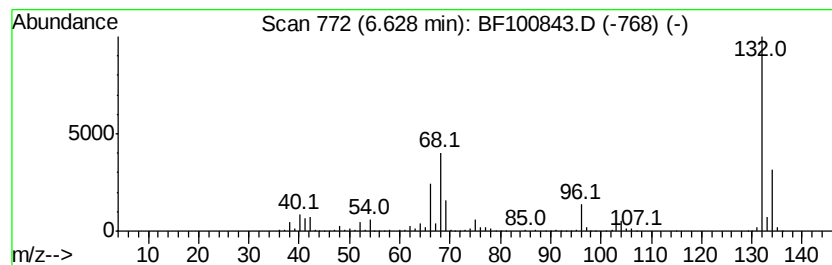
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	69.71 ng	1613380	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	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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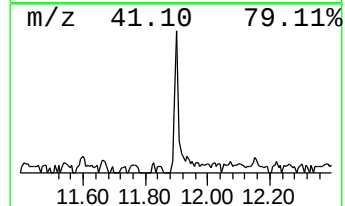
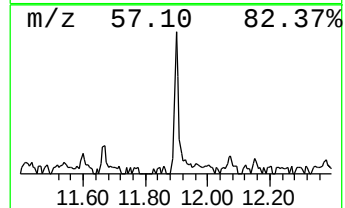
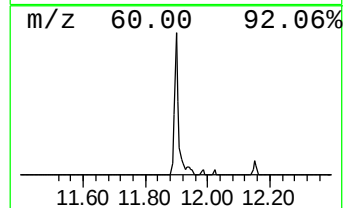
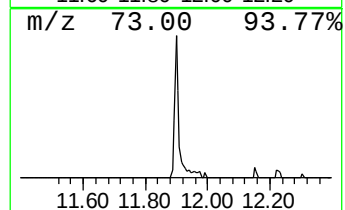
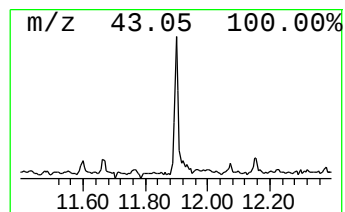
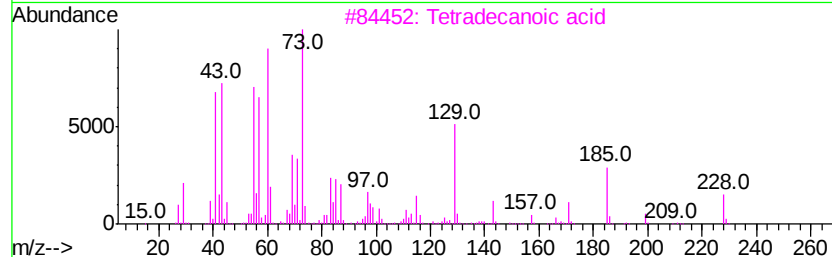
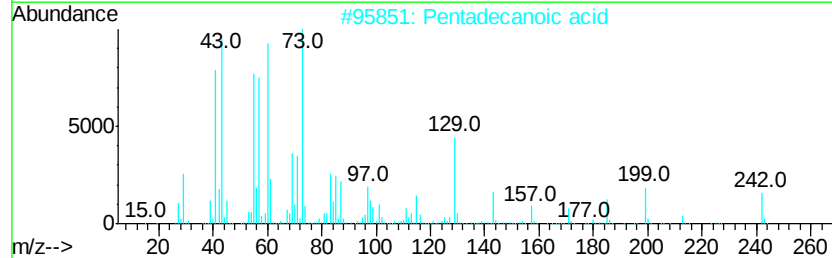
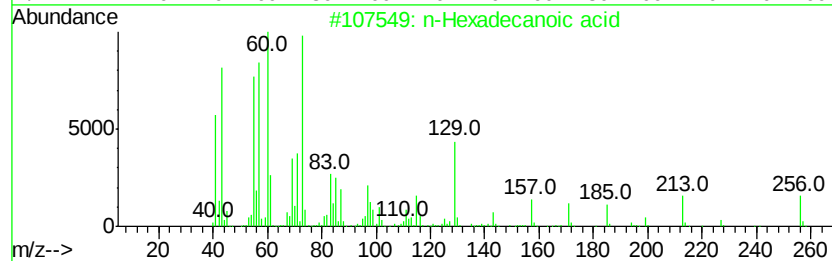
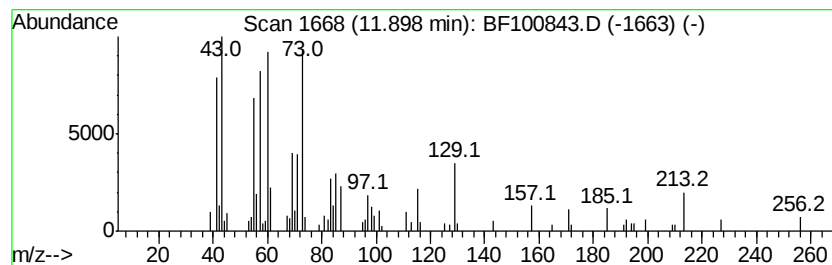
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.29 ng	139446	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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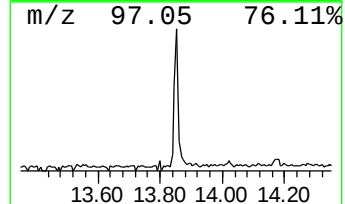
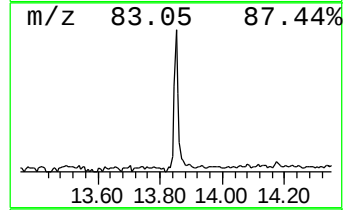
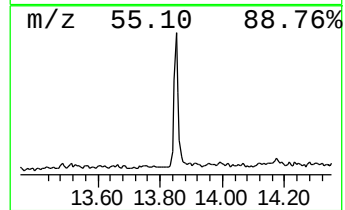
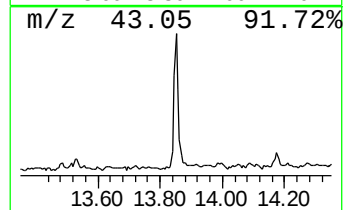
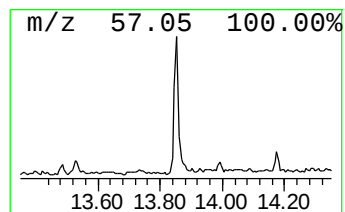
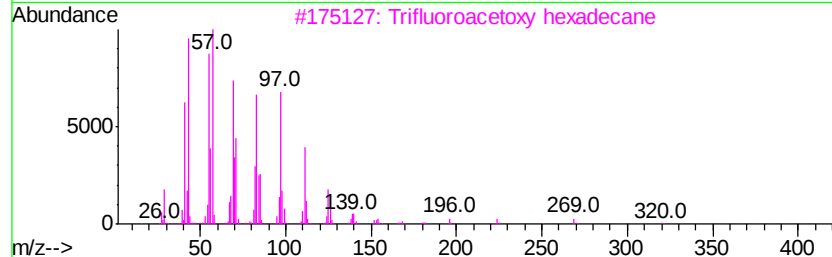
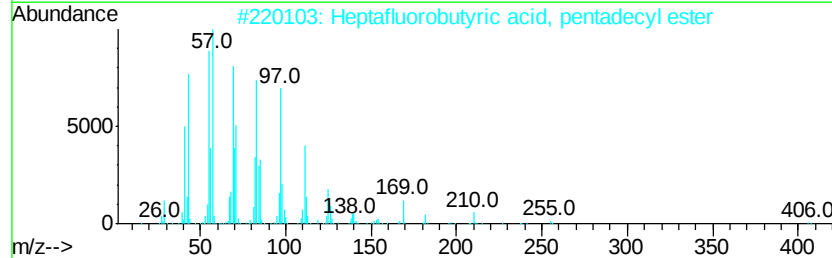
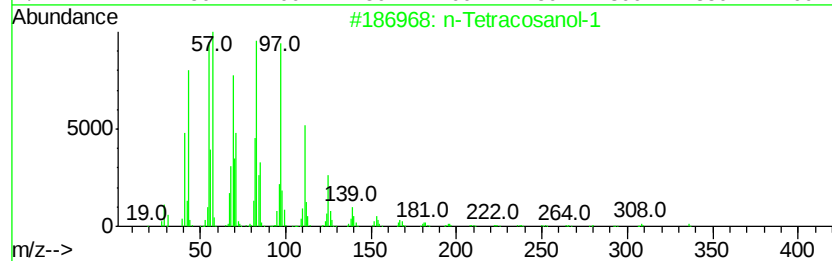
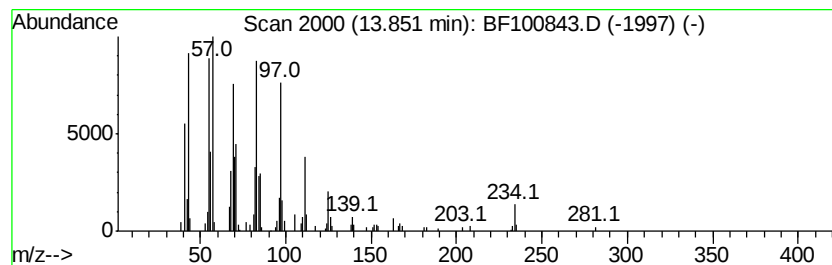
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.61 ng	226638	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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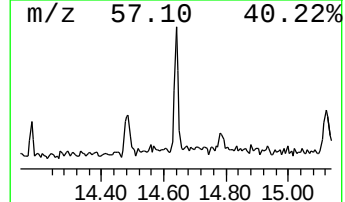
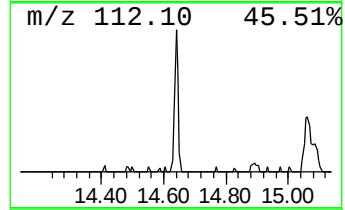
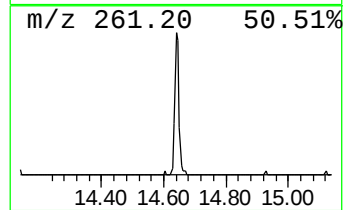
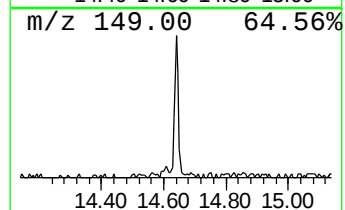
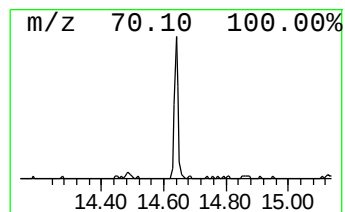
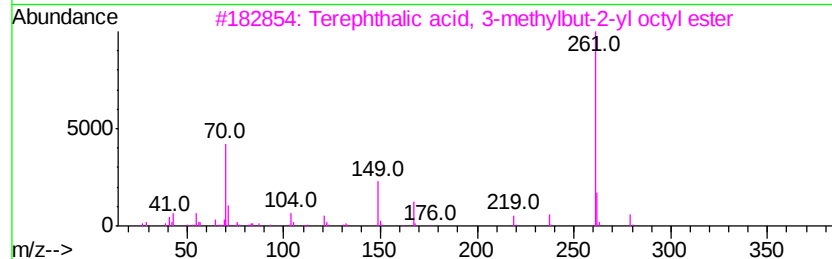
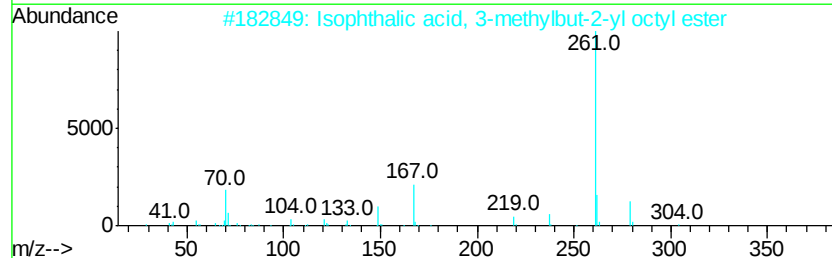
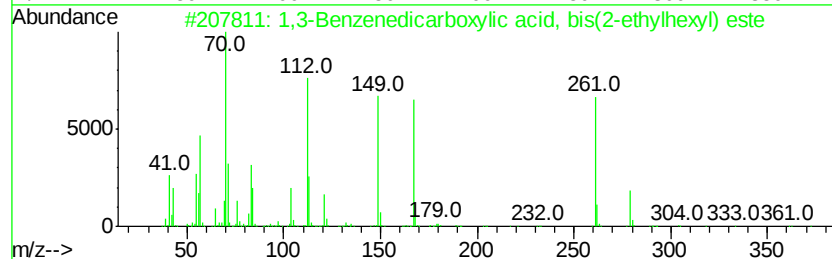
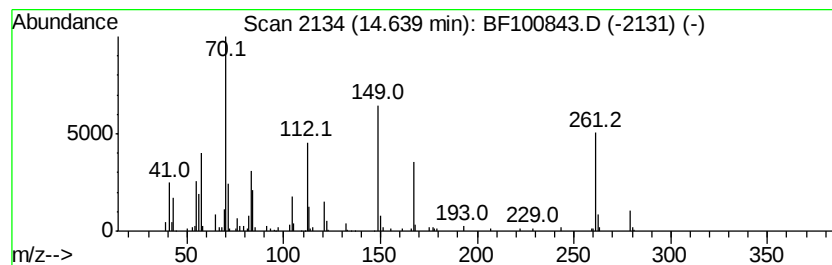
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,3-Benzenedicarboxylic aci... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.89 ng	133456	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
2		Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	47
3		Terephthalic acid, 3-methylbut-2-...	348	C21H32O4	1000356-27-6	46
4		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	43
5		Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100843.D
Acq On : 23 Nov 2017 00:21
Operator : SJ/JU
Sample : I6528-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

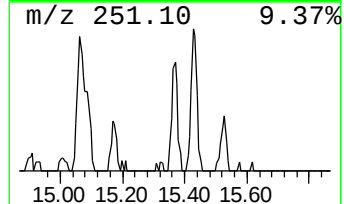
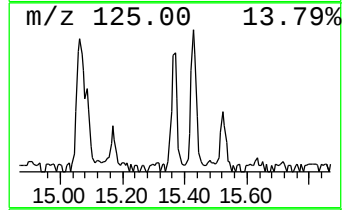
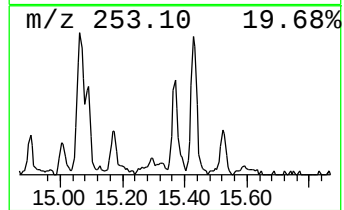
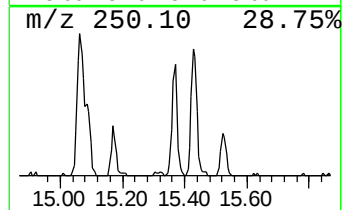
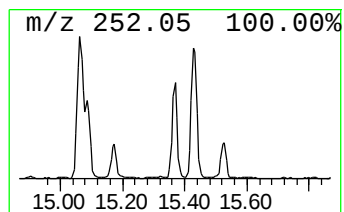
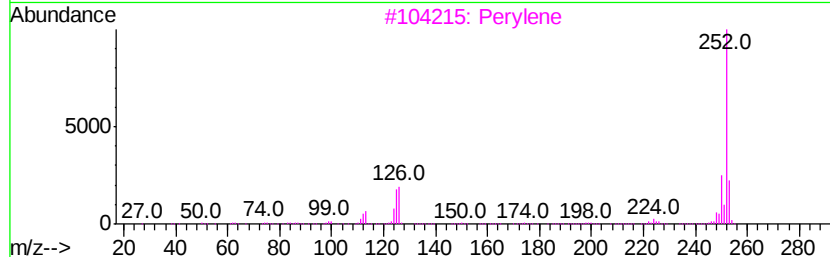
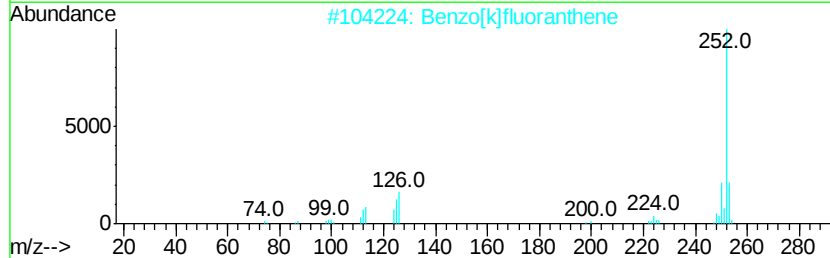
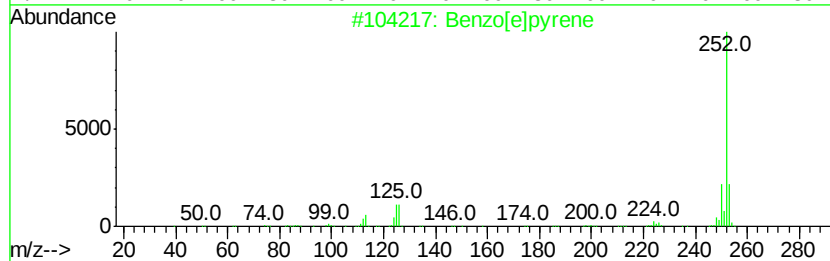
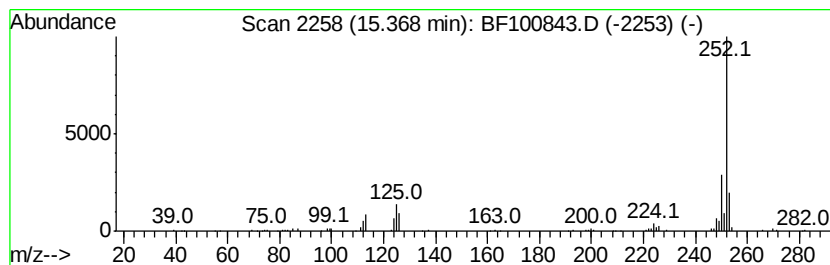
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
15.37	5.27 ng	125344	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112217\
Data File : BF100843.D
Acq On : 23 Nov 2017 00:21
Operator : SJ/JU
Sample : I6528-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1-BACKYARD

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.09	6.3	ng	146536	1	6.86	462852	20.0
unknown6.63	6.63	69.7	ng	1613380	1	6.86	462852	20.0
n-Hexadecanoic acid	11.90	4.3	ng	139446	4	11.39	650650	20.0
n-Tetracosanol-1	13.85	6.6	ng	226638	5	14.02	685284	20.0
1,3-Benzenedicarb...	14.64	3.9	ng	133456	5	14.02	685284	20.0
Benzo[e]pyrene	15.37	5.3	ng	125344	6	15.50	476007	20.0