

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104754.D
 Acq On : 24 Apr 2018 14:19
 Operator : JU/SJ
 Sample : J2503-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 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-BF040618.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	4.375	385	389	396	rBV	104386	121378	3.37%	0.503%
2	5.010	492	497	509	rBV	527989	582695	16.17%	2.414%
3	5.428	564	568	580	rBV	1410641	1274736	35.38%	5.280%
4	6.451	737	742	757	rBV	1984269	1999461	55.49%	8.283%
5	6.575	759	763	767	rBV	1770606	1641969	45.57%	6.802%
6	6.804	799	802	806	rBV	850695	671714	18.64%	2.783%
7	6.963	825	829	832	rBV	2101777	1768846	49.09%	7.327%
8	7.375	894	899	902	rBV	1400277	1362142	37.80%	5.643%
9	8.092	1017	1021	1034	rBV	994967	951395	26.40%	3.941%
10	9.163	1199	1203	1207	rBV	2681493	2680127	74.38%	11.102%
11	9.557	1265	1270	1278	rBV	134421	145813	4.05%	0.604%
12	9.769	1302	1306	1310	rBV	76568	62896	1.75%	0.261%
13	9.845	1315	1319	1328	rBV2	1176413	1098657	30.49%	4.551%
14	10.263	1383	1390	1395	rBV2	227996	353746	9.82%	1.465%
15	10.486	1423	1428	1431	rBV	30501	36684	1.02%	0.152%
16	10.639	1451	1454	1462	rBV	180615	169364	4.70%	0.702%
17	10.739	1468	1471	1476	rBV	86190	88465	2.46%	0.366%
18	11.339	1569	1573	1576	rBV	1323629	1182195	32.81%	4.897%
19	11.892	1662	1667	1672	rBV	33193	39034	1.08%	0.162%
20	12.551	1775	1779	1784	rBV	46879	53342	1.48%	0.221%
21	12.733	1807	1810	1813	rBV	75192	68118	1.89%	0.282%
22	12.780	1814	1818	1821	rVV	49772	57248	1.59%	0.237%
23	12.927	1837	1843	1846	rBV	3137598	3603350	100.00%	14.927%
24	13.392	1918	1922	1927	rBV	90256	100205	2.78%	0.415%
25	13.451	1927	1932	1935	rBV2	92230	130329	3.62%	0.540%
26	13.810	1990	1993	1997	rBV	163869	172367	4.78%	0.714%
27	13.951	2010	2017	2019	rBV	140044	162234	4.50%	0.672%
28	13.986	2019	2023	2026	rVV	1371415	1420584	39.42%	5.885%
29	14.010	2026	2027	2034	rVB	188064	141724	3.93%	0.587%
30	14.445	2098	2101	2106	rBV3	33890	44455	1.23%	0.184%
31	14.574	2119	2123	2126	rBV	126679	125505	3.48%	0.520%
32	14.821	2162	2165	2169	rVB	111729	108330	3.01%	0.449%
33	15.027	2196	2200	2202	rBV	138546	159483	4.43%	0.661%
34	15.057	2202	2205	2207	rVV	129897	149454	4.15%	0.619%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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35	15.080	2207	2209	2213	rVB	79422	82843	2.30%	0.343%
36	15.392	2258	2262	2267	rBV	92058	128044	3.55%	0.530%
37	15.457	2268	2273	2280	rVV	748879	967726	26.86%	4.009%
38	15.892	2342	2347	2352	rVB	110893	171318	4.75%	0.710%
39	16.927	2519	2523	2527	rBV4	32871	62468	1.73%	0.259%

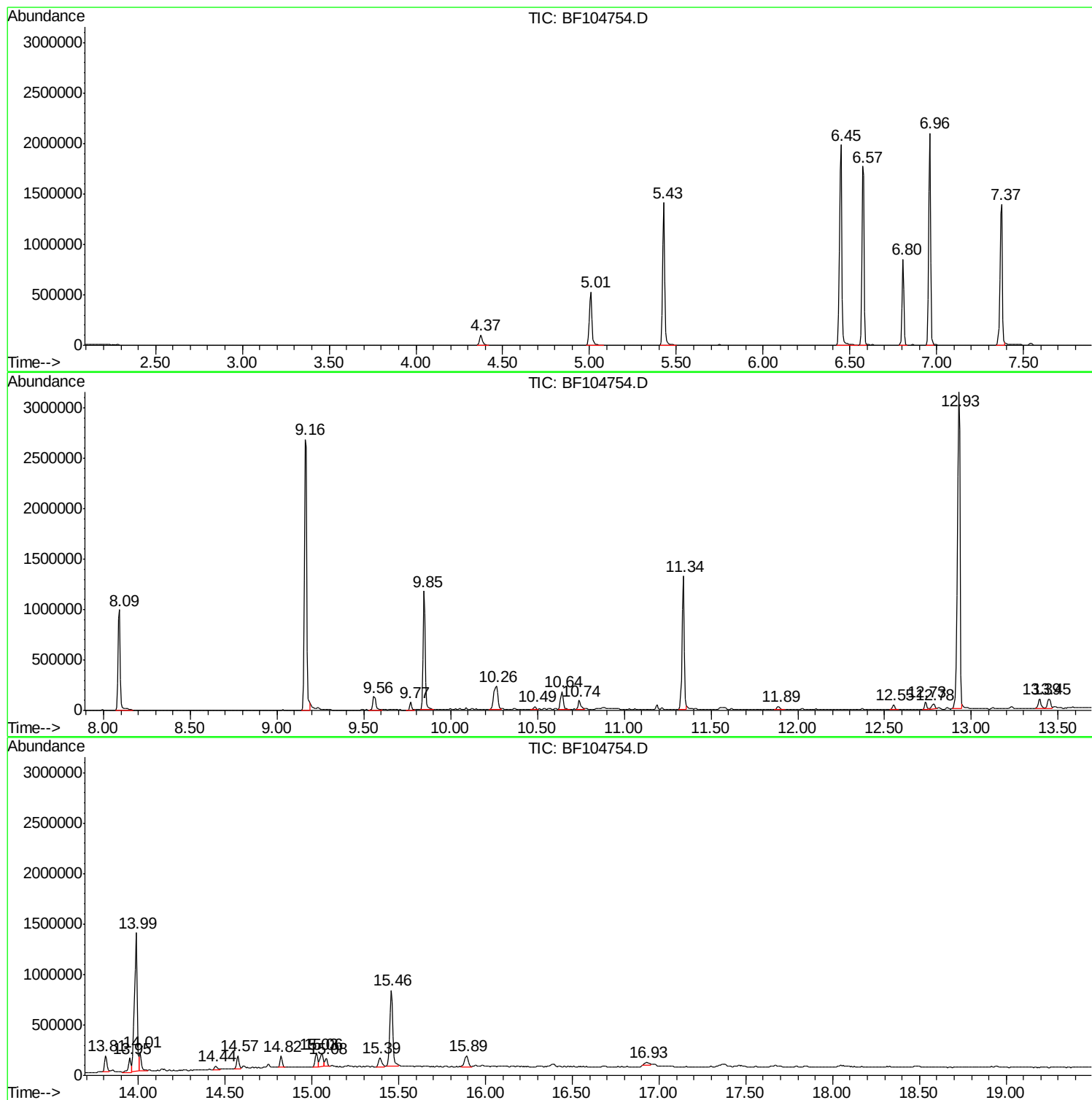
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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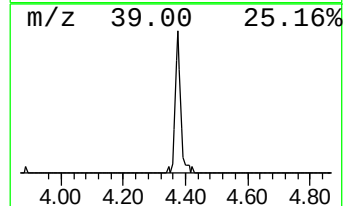
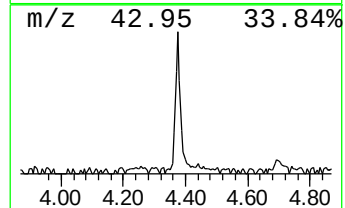
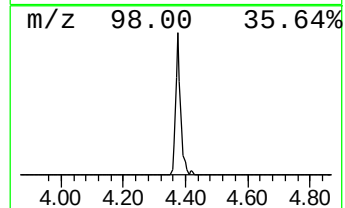
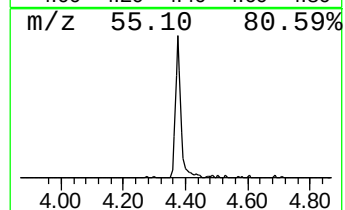
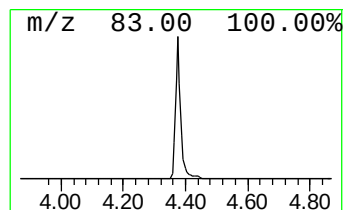
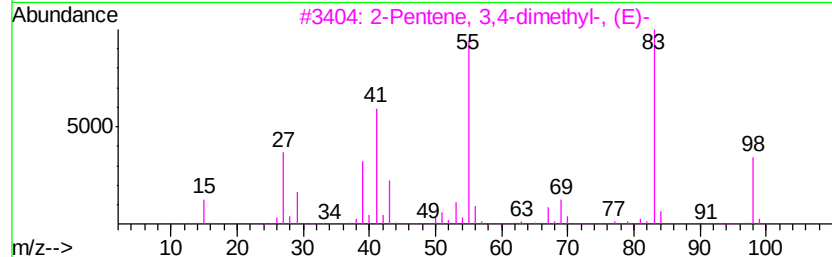
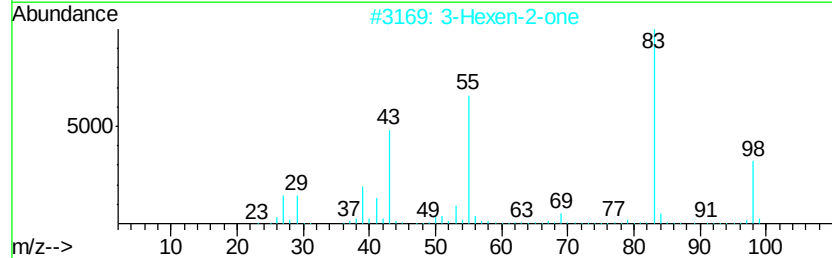
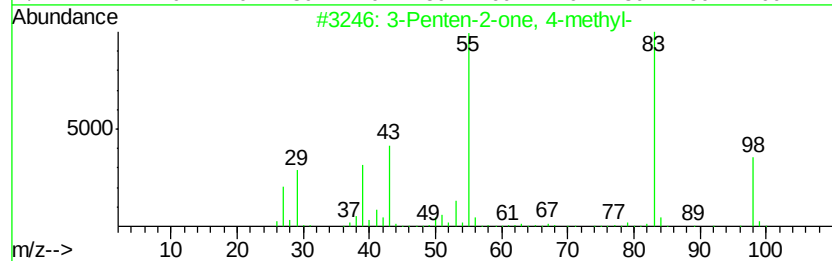
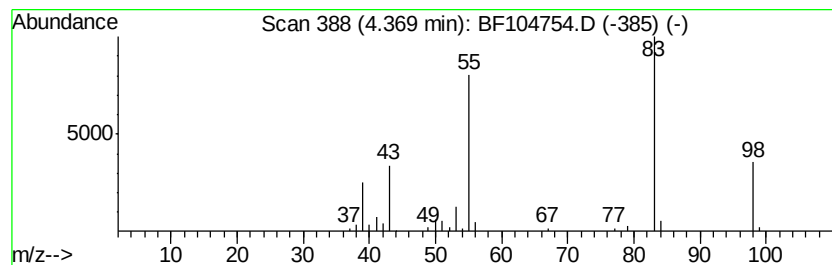
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	3.61 ng	121378	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	90
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80



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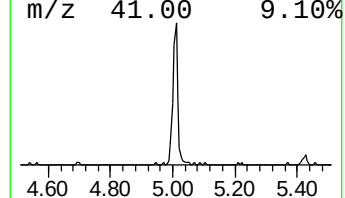
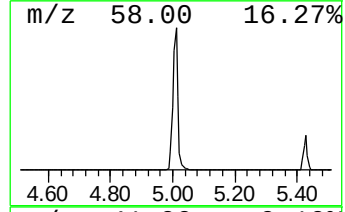
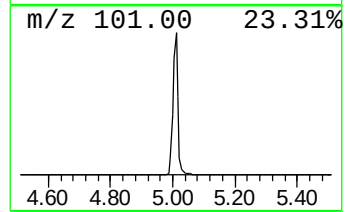
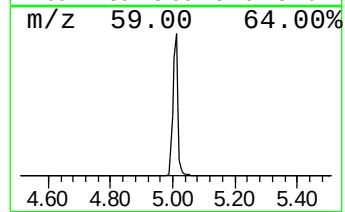
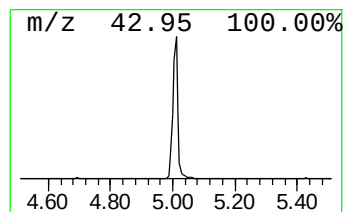
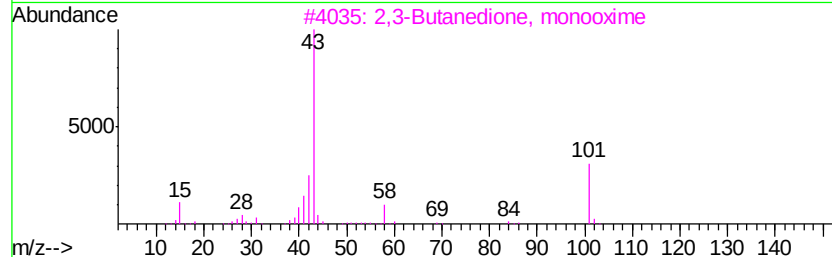
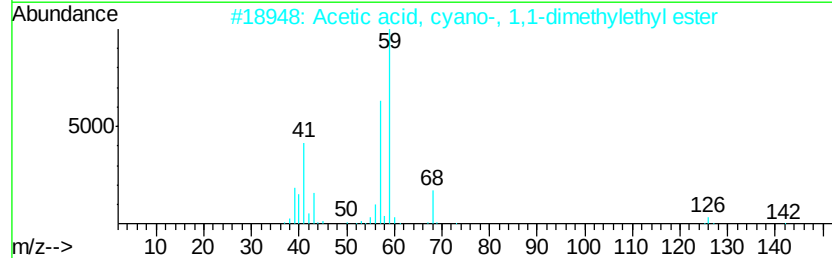
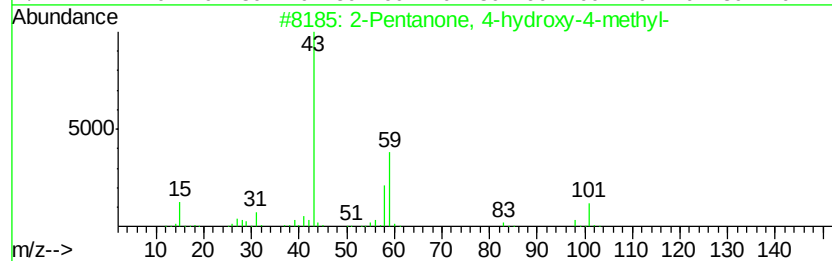
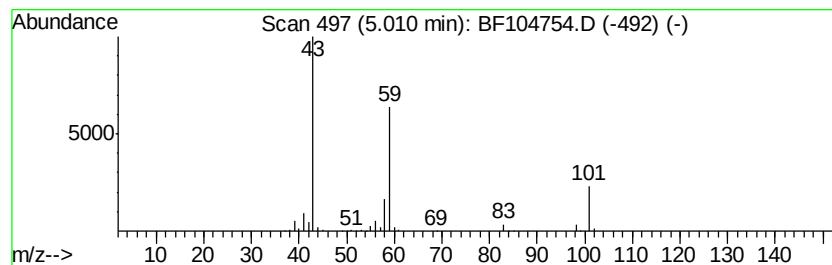
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	17.35 ng	582695	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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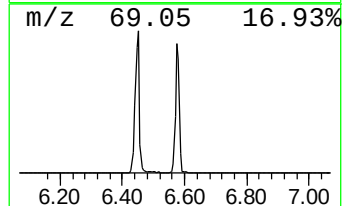
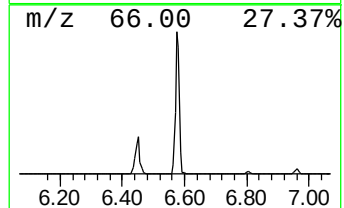
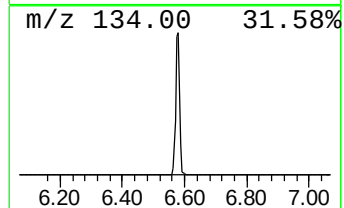
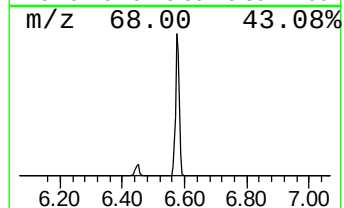
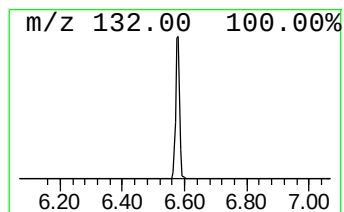
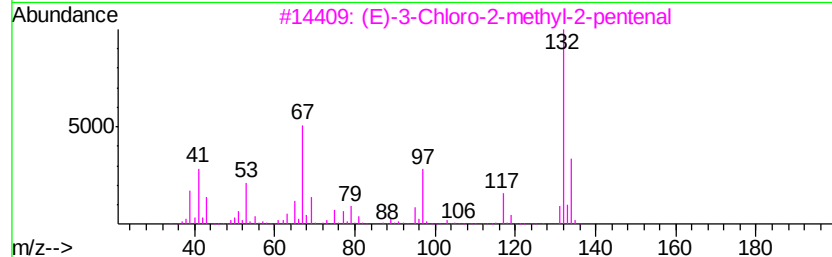
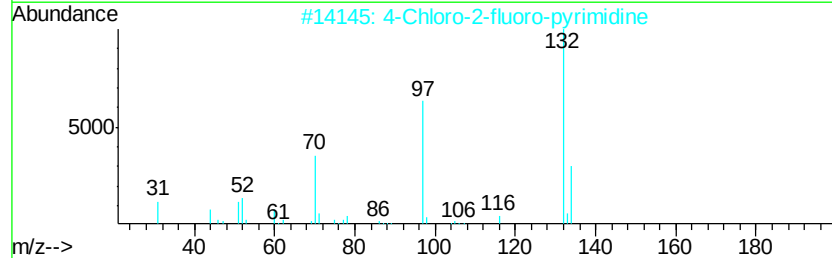
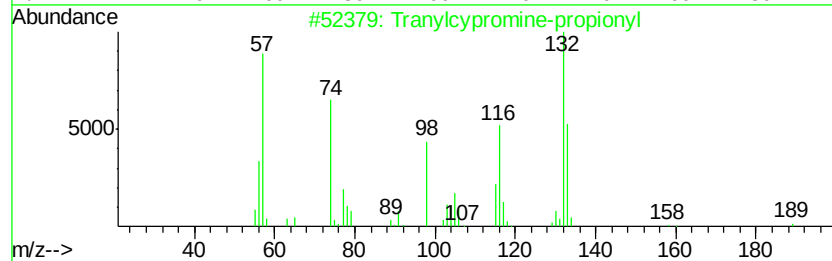
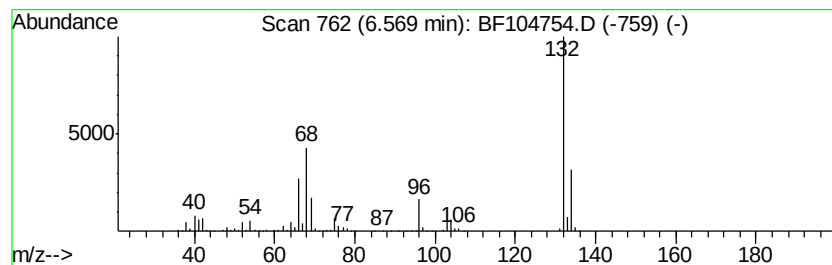
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	48.89 ng	1641970	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		5-Aminoindole	132	C8H8N2	005192-03-0	9



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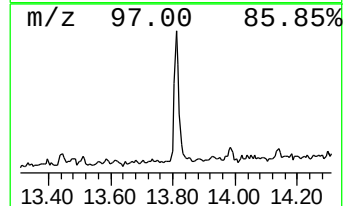
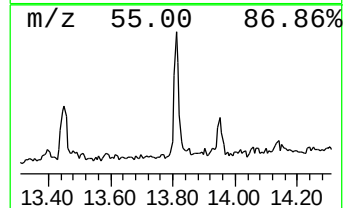
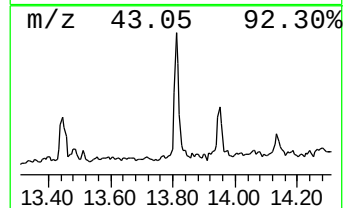
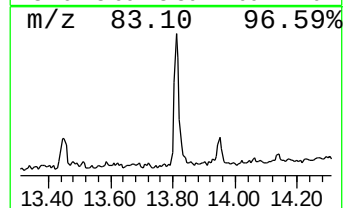
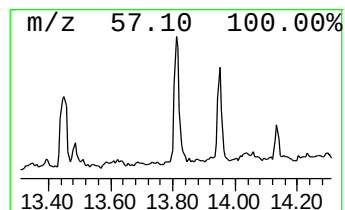
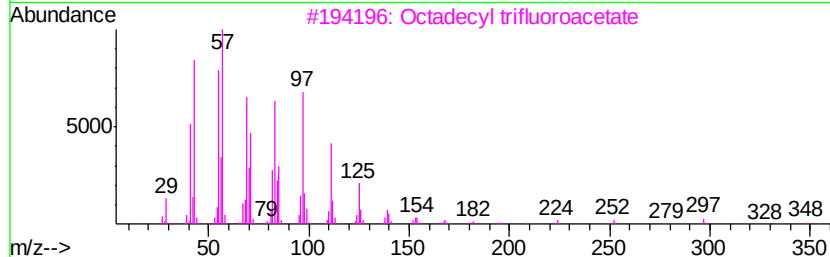
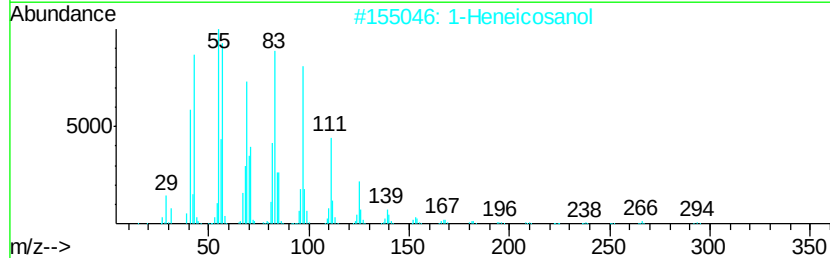
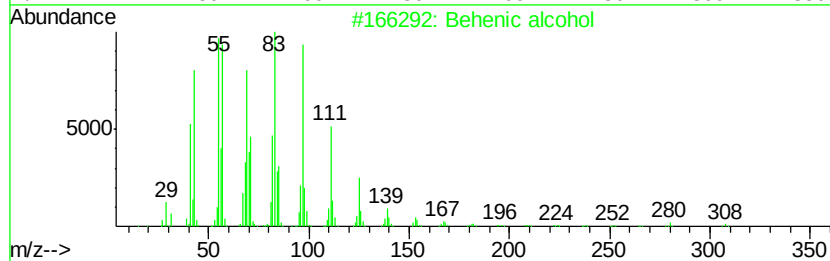
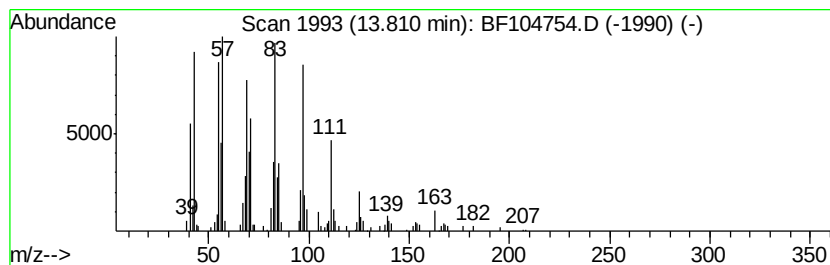
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.81	2.43 ng	172367	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	92
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	91



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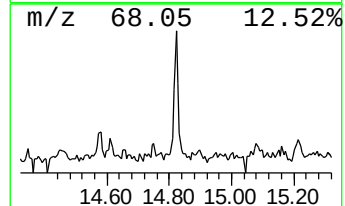
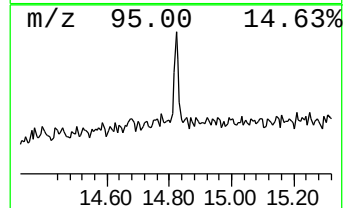
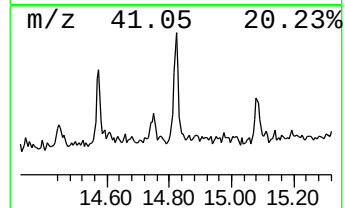
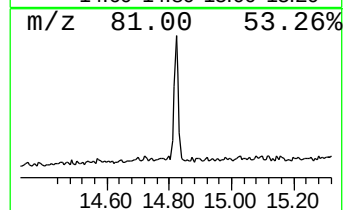
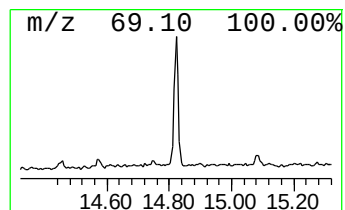
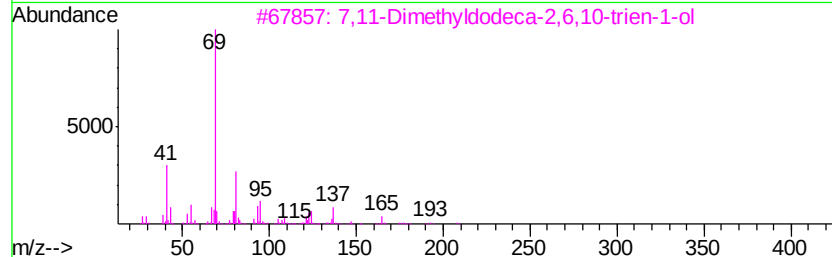
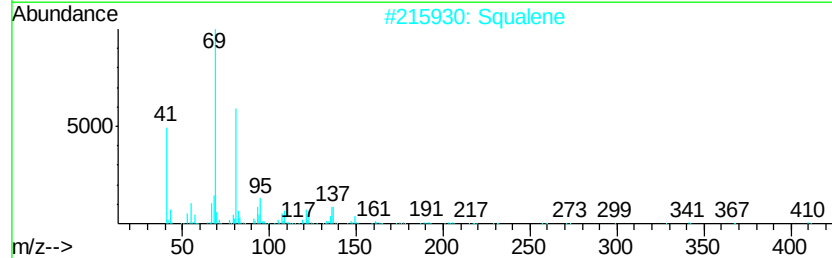
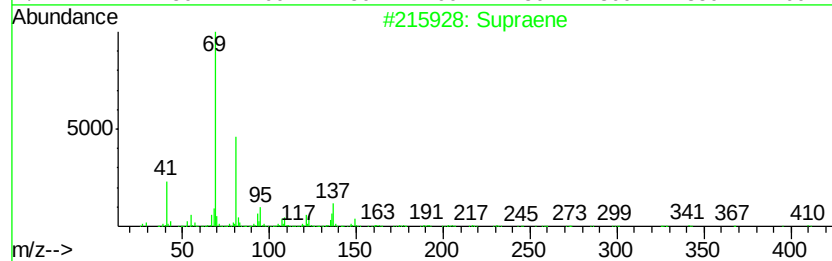
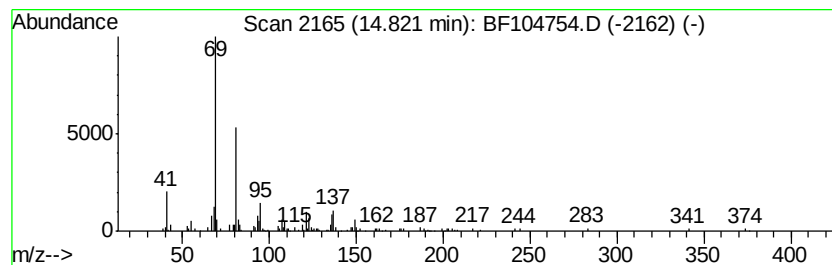
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.24 ng	108330	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	90
3		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
4		.beta.-d-Mannofuranoside, 0-geranyl	316	C16H28O5	1000154-77-2	72
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
Data File : BF104754.D
Acq On : 24 Apr 2018 14:19
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

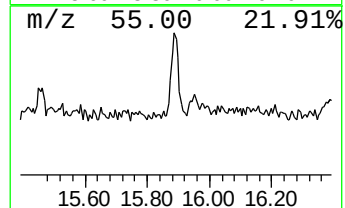
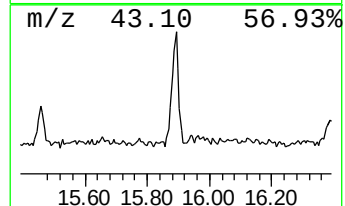
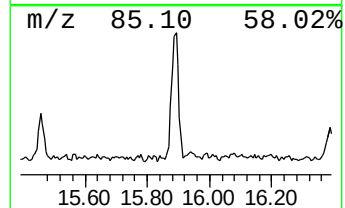
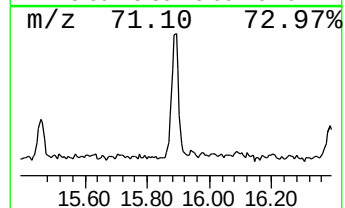
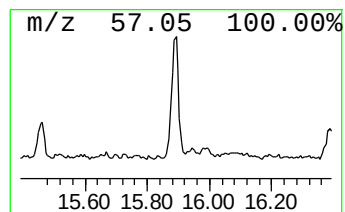
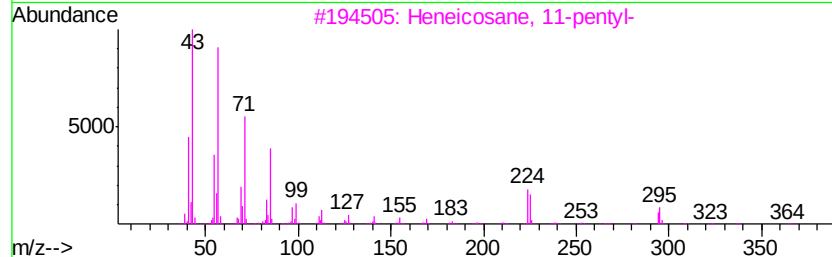
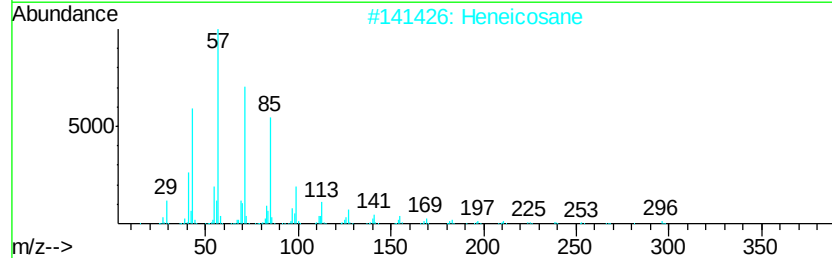
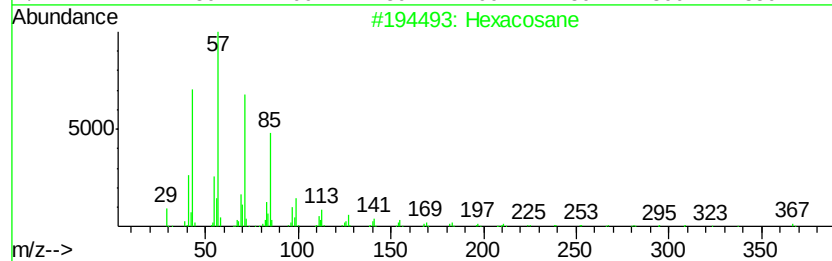
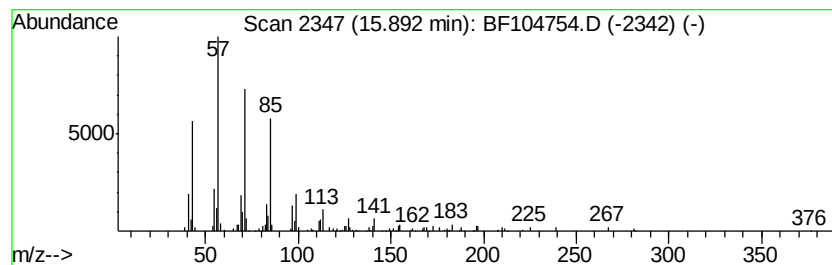
Instrument :
BNA_F
ClientSampleId :
CONCRETE

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.89	3.54 ng	171318	Perylene-d12	15.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042418\
Data File : BF104754.D
Acq On : 24 Apr 2018 14:19
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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
3-Penten-2-one, 4...	4.37	3.6	ng	121378	1	6.80	671714	20.0
2-Pentanone, 4-hy...	5.01	17.4	ng	582695	1	6.80	671714	20.0
unknown6.57	6.57	48.9	ng	1641970	1	6.80	671714	20.0
Behenic alcohol	13.81	2.4	ng	172367	5	13.99	1420580	20.0
Supraene	14.82	2.2	ng	108330	6	15.46	967726	20.0
Hexacosane	15.89	3.5	ng	171318	6	15.46	967726	20.0