

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104625.D
 Acq On : 19 Apr 2018 12:32
 Operator : JU/SJ
 Sample : J2413-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-B2-18-20

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	5.010	493	497	511	rVB	89279	113637	5.28%	0.552%
2	5.422	563	567	570	rBV	2303208	2119772	98.54%	10.290%
3	5.745	619	622	629	rBV	24892	24342	1.13%	0.118%
4	6.440	736	740	759	rVB	1932987	2043246	94.98%	9.919%
5	6.575	759	763	766	rBV	2536345	2151150	100.00%	10.443%
6	6.804	798	802	805	rBV	882768	712316	33.11%	3.458%
7	6.957	824	828	832	rBV	2115519	1820013	84.61%	8.835%
8	7.369	893	898	901	rBV	1474828	1335543	62.09%	6.483%
9	7.451	908	912	918	rVB	22126	25062	1.17%	0.122%
10	7.604	935	938	941	rBV	30208	26597	1.24%	0.129%
11	7.987	1000	1003	1007	rBV2	24146	25038	1.16%	0.122%
12	8.063	1013	1016	1017	rBV	28663	25454	1.18%	0.124%
13	8.087	1017	1020	1023	rVV	1072594	845389	39.30%	4.104%
14	8.134	1026	1028	1032	rVB3	26576	27041	1.26%	0.131%
15	8.375	1066	1069	1072	rBV3	28915	30236	1.41%	0.147%
16	8.669	1116	1119	1123	rBV	66897	59612	2.77%	0.289%
17	8.957	1165	1168	1171	rBV3	20064	29732	1.38%	0.144%
18	8.986	1171	1173	1179	rVB3	17485	28175	1.31%	0.137%
19	9.034	1179	1181	1185	rBV	31308	27436	1.28%	0.133%
20	9.075	1185	1188	1190	rBV	30566	24991	1.16%	0.121%
21	9.098	1190	1192	1197	rVB	56176	44340	2.06%	0.215%
22	9.163	1199	1203	1206	rBV	2464454	2143838	99.66%	10.407%
23	9.233	1212	1215	1218	rBV	108944	101934	4.74%	0.495%
24	9.492	1252	1259	1261	rBV3	19861	26918	1.25%	0.131%
25	9.557	1265	1270	1272	rBV	287993	271320	12.61%	1.317%
26	9.769	1298	1306	1310	rBV	122650	130907	6.09%	0.635%
27	9.839	1315	1318	1327	rVB	976399	826419	38.42%	4.012%
28	10.086	1357	1360	1364	rVB3	25453	27492	1.28%	0.133%
29	10.269	1388	1391	1393	rVB	86003	71461	3.32%	0.347%
30	10.486	1423	1428	1430	rBV	26027	31469	1.46%	0.153%
31	10.633	1449	1453	1464	rVB	1114949	1073662	49.91%	5.212%
32	10.739	1468	1471	1478	rVB	76377	76709	3.57%	0.372%
33	11.186	1544	1547	1550	rBV	37041	32971	1.53%	0.160%
34	11.327	1567	1571	1575	rBV	799058	667881	31.05%	3.242%

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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 >
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35	11.851	1657	1660	1669	rBV3	63263	70374	3.27%	0.342%
36	12.722	1805	1808	1812	rVB	41752	40013	1.86%	0.194%
37	12.916	1837	1841	1844	rBV	2030867	1748090	81.26%	8.486%
38	13.804	1989	1992	2000	rBV	94824	102061	4.74%	0.495%
39	13.974	2017	2021	2026	rVB	763383	732869	34.07%	3.558%
40	14.404	2091	2094	2098	rBV5	20666	27214	1.27%	0.132%
41	14.816	2161	2164	2168	rVB2	44798	40803	1.90%	0.198%
42	15.433	2264	2269	2279	rVB	641006	816393	37.95%	3.963%

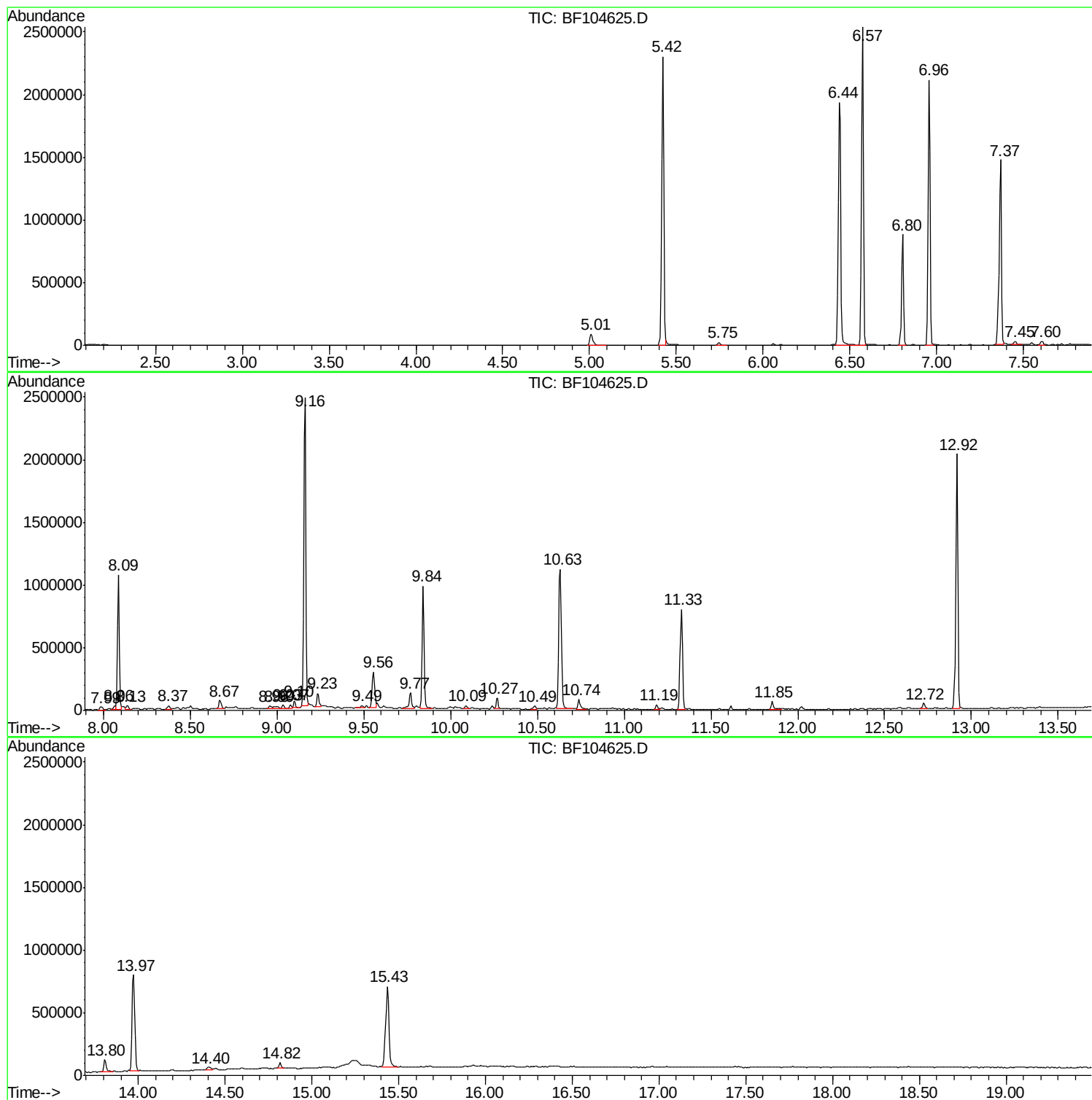
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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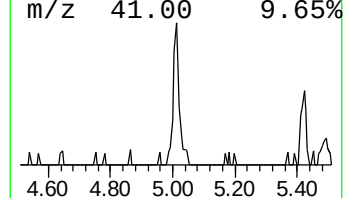
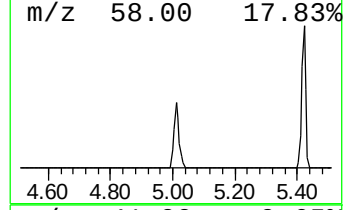
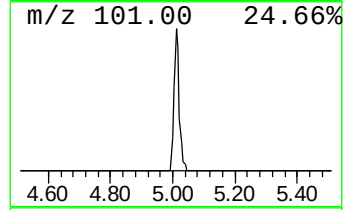
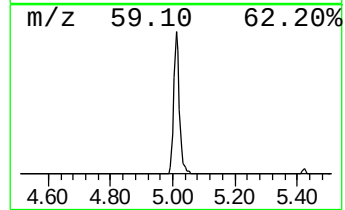
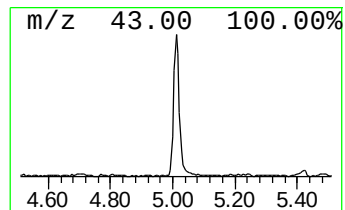
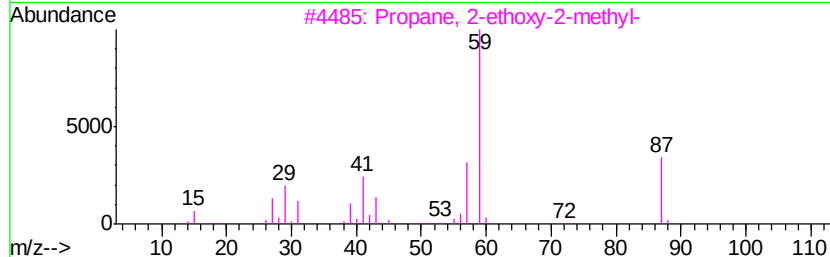
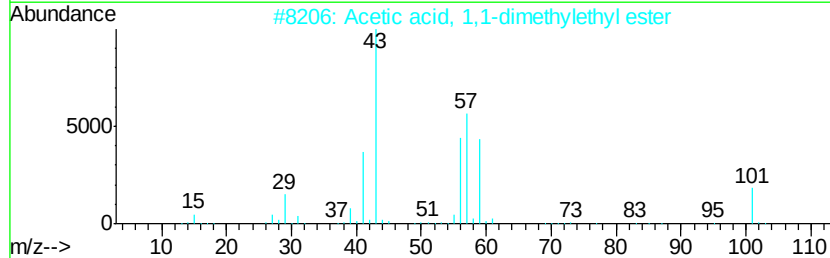
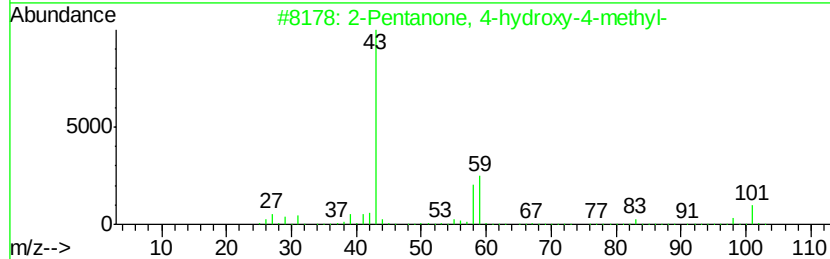
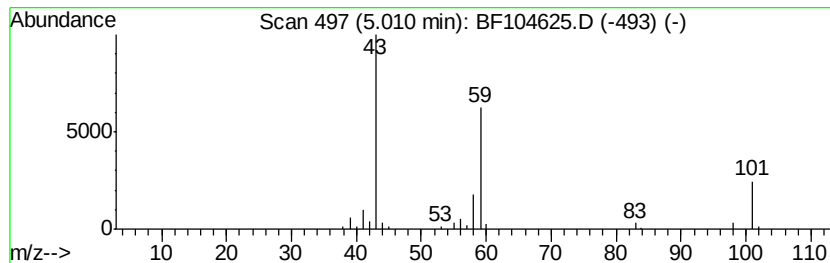
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	3.19 ng	113637	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
3			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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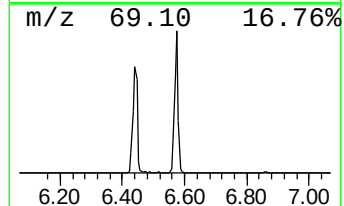
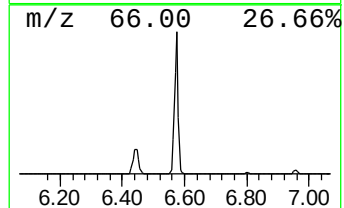
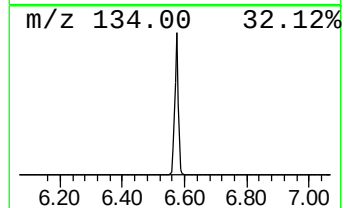
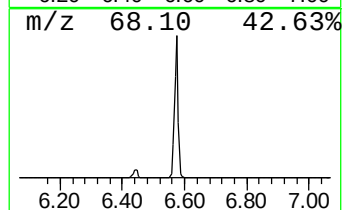
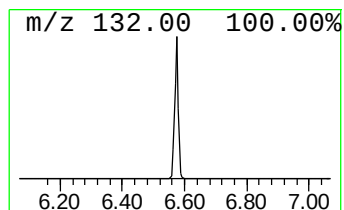
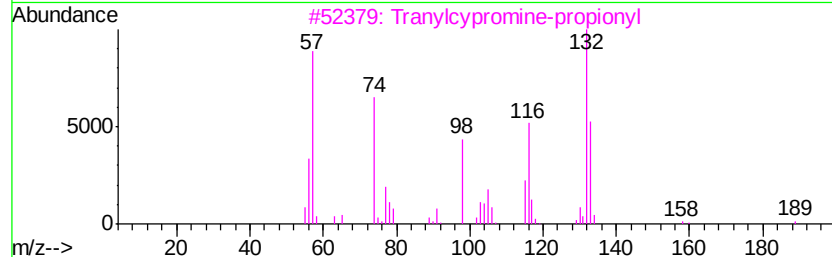
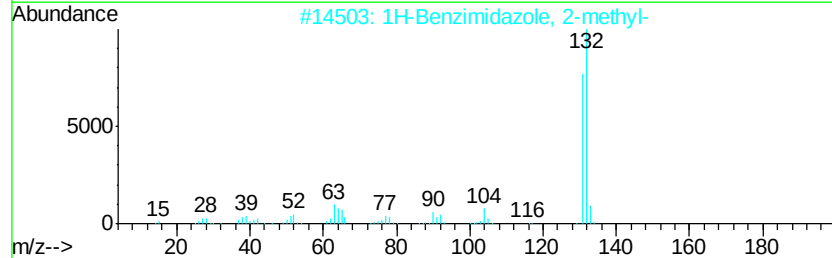
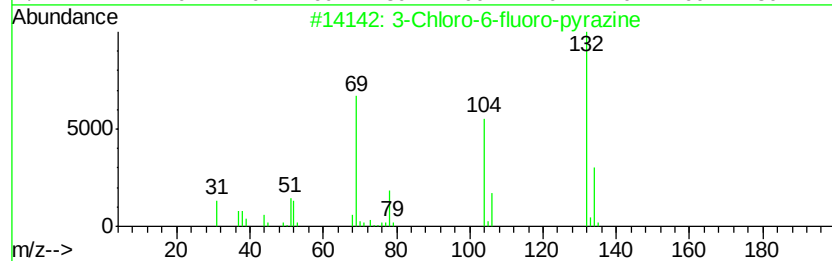
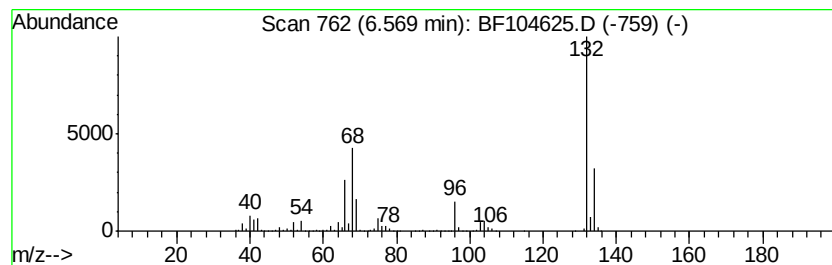
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	60.40 ng	2151150	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9	



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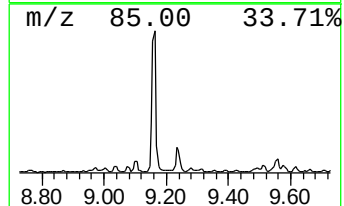
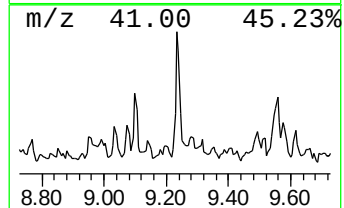
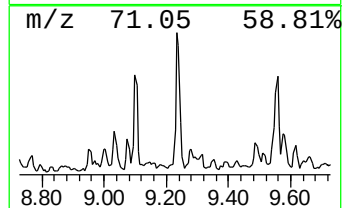
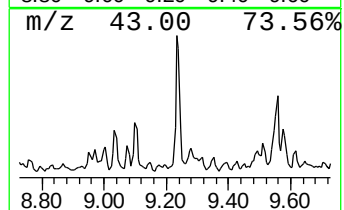
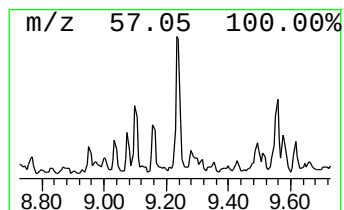
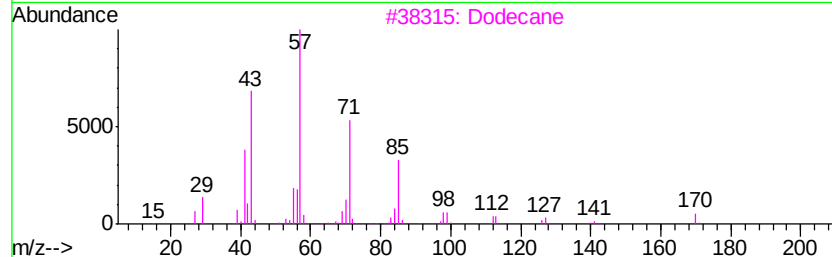
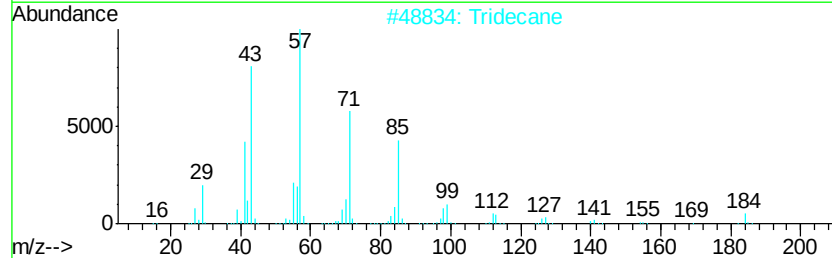
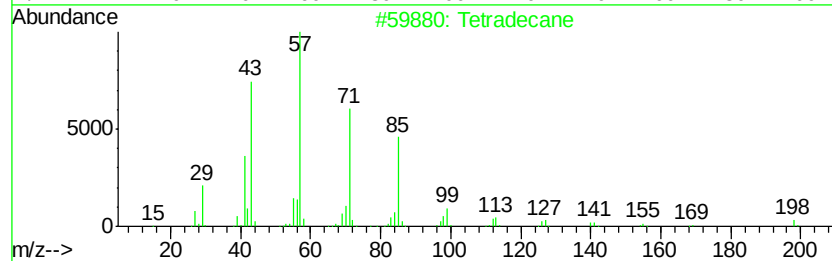
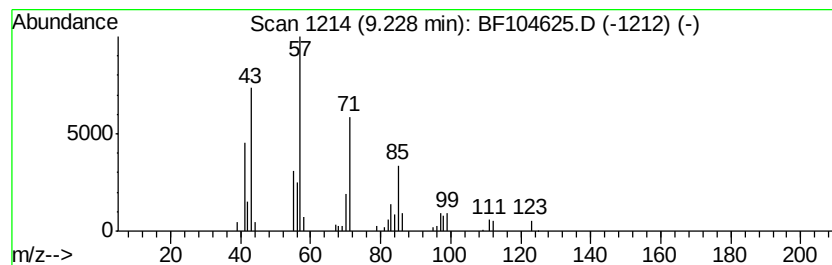
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.47 ng	101934	Acenaphthene-d10	9.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Tridecane	184	C13H28	000629-50-5	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	80



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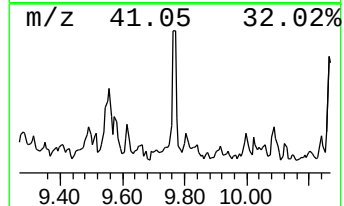
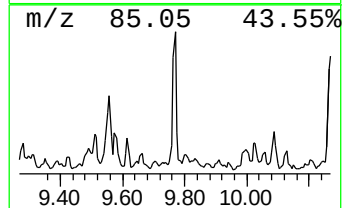
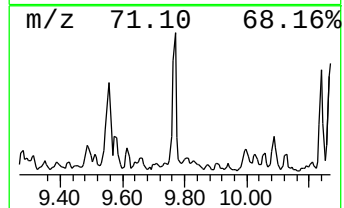
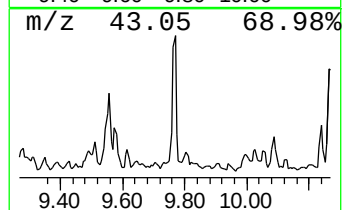
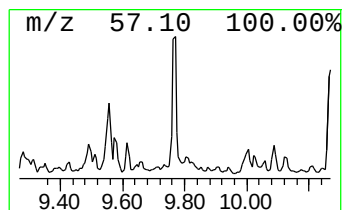
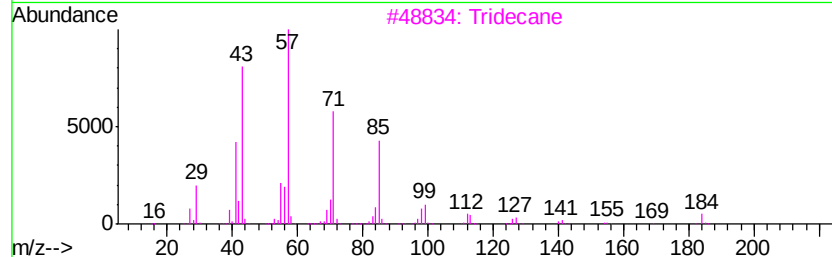
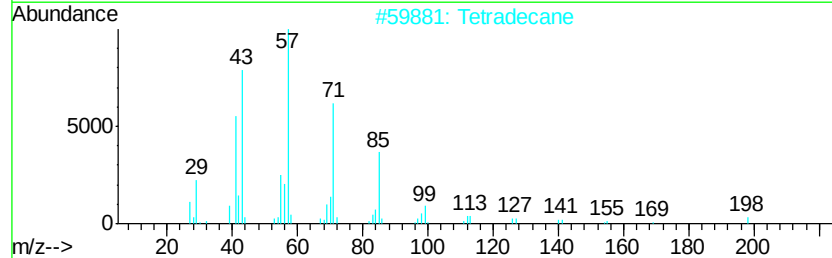
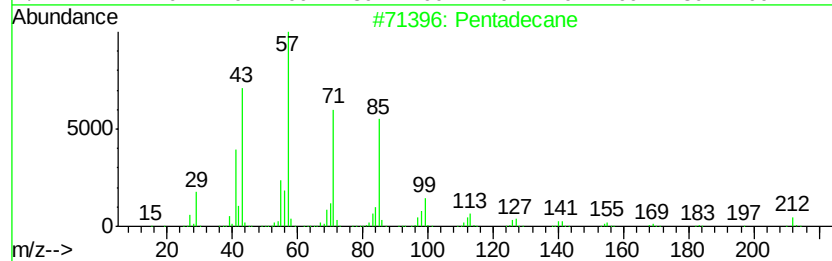
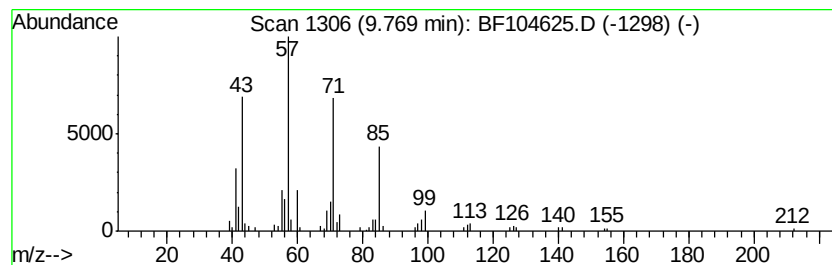
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	3.17 ng	130907	Acenaphthene-d10	9.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	80
2	Tetradecane		198	C14H30	000629-59-4	74
3	Tridecane		184	C13H28	000629-50-5	72
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	72
5	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	64



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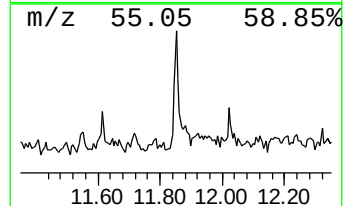
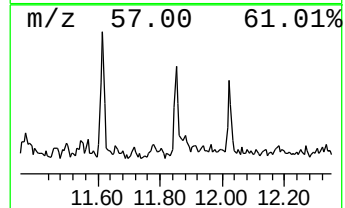
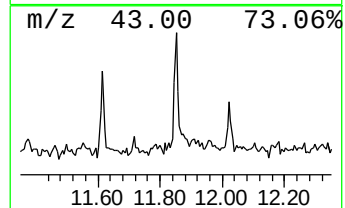
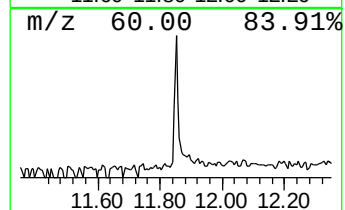
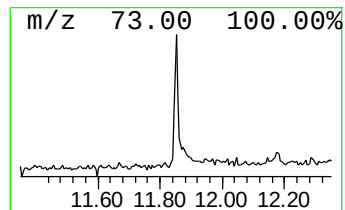
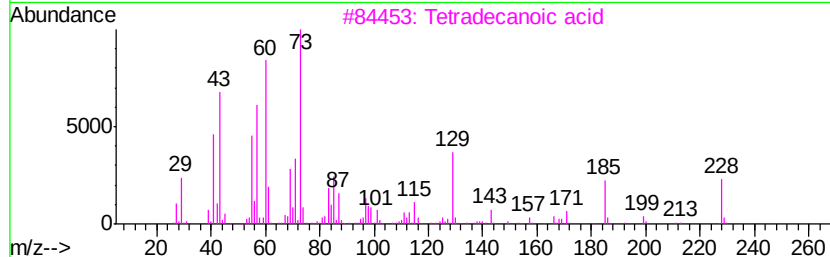
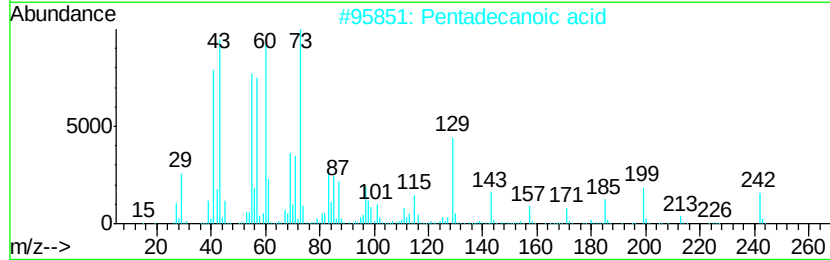
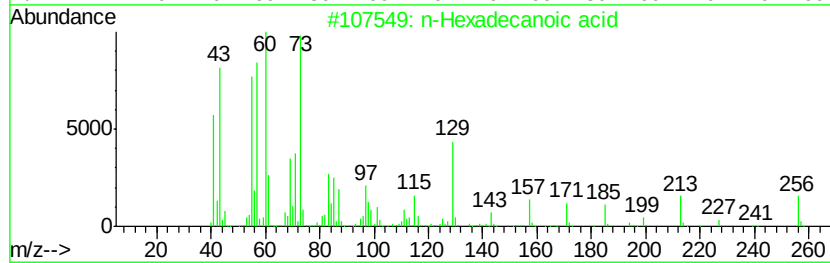
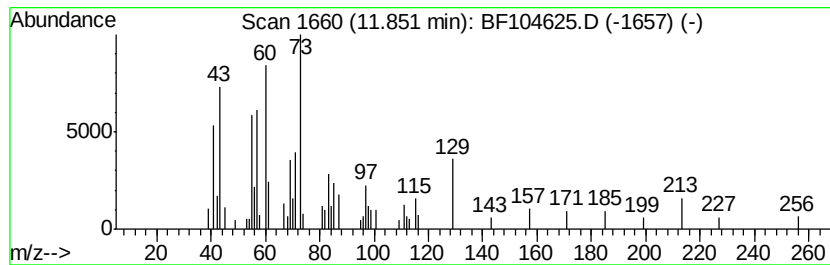
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TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	2.11 ng	70374	Phenanthrene-d10	11.33	
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	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
Data File : BF104625.D
Acq On : 19 Apr 2018 12:32
Operator : JU/SJ
Sample : J2413-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-B2-18-20

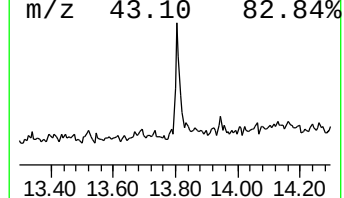
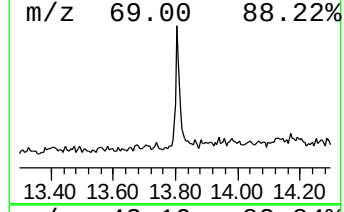
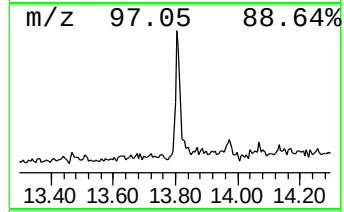
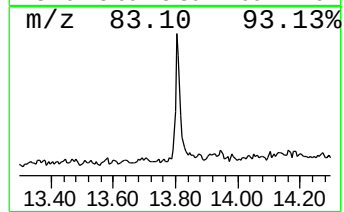
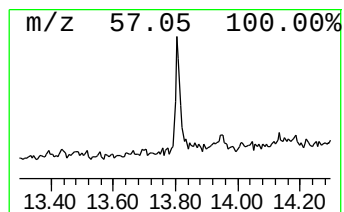
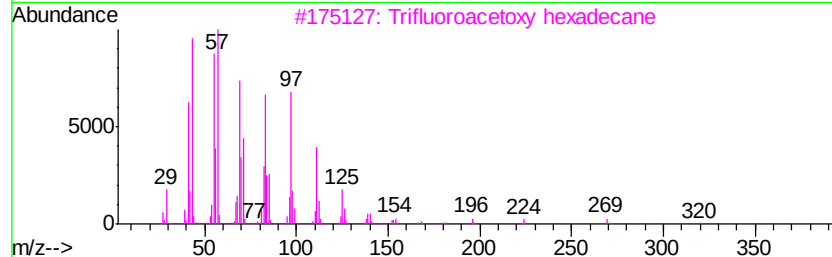
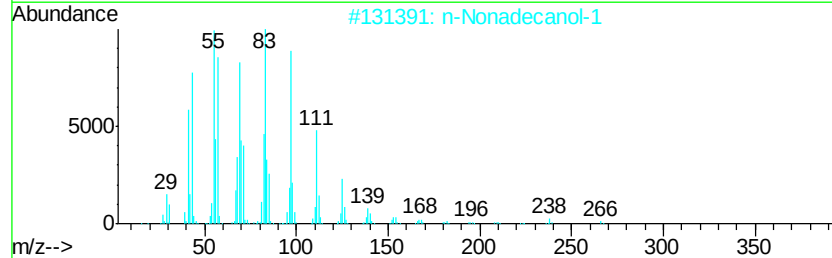
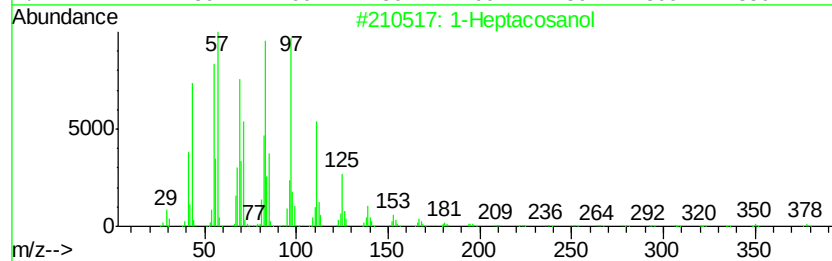
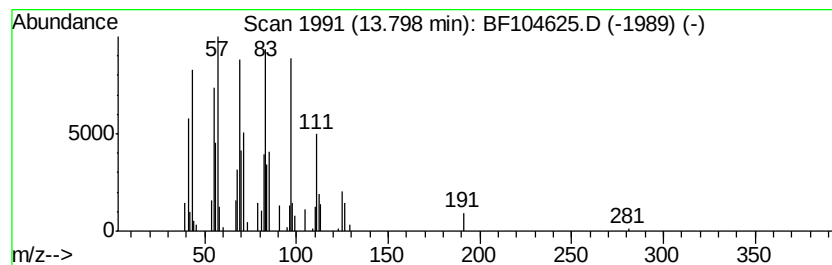
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	2.79 ng	102061	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heptacosanol	396	C27H56O	002004-39-9	94
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81
4		1-Octadecanol	270	C18H38O	000112-92-5	76
5		Octacosanol	410	C28H58O	000557-61-9	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041918\
Data File : BF104625.D
Acq On : 19 Apr 2018 12:32
Operator : JU/SJ
Sample : J2413-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-B2-18-20

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
2-Pentanone, 4-hy...	5.01	3.2	ng	113637	1	6.80	712316	20.0
unknown6.57	6.57	60.4	ng	2151150	1	6.80	712316	20.0
Tetradecane	9.23	2.5	ng	101934	3	9.84	826419	20.0
Pentadecane	9.77	3.2	ng	130907	3	9.84	826419	20.0
n-Hexadecanoic acid	11.85	2.1	ng	70374	4	11.33	667881	20.0
1-Heptacosanol	13.80	2.8	ng	102061	5	13.97	732869	20.0