

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102794.D
 Acq On : 6 Feb 2018 19:50
 Operator : SJ/JU
 Sample : J1459-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

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-BF020318.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	2.187	10	17	24	rVB	452013	620167	13.05%	1.504%
2	5.122	513	516	524	rVB	134562	164275	3.46%	0.398%
3	5.504	576	581	584	rBV	4654640	4750472	100.00%	11.519%
4	6.510	746	752	755	rBV	4285994	4727814	99.52%	11.464%
5	6.651	771	776	779	rBV	4543217	4671356	98.33%	11.327%
6	6.881	812	815	819	rBV	1420200	1138561	23.97%	2.761%
7	7.039	837	842	845	rBV	4035449	3582782	75.42%	8.688%
8	7.445	905	911	914	rBV	3009317	2953918	62.18%	7.163%
9	8.163	1029	1033	1037	rBV	1723513	1477552	31.10%	3.583%
10	9.239	1211	1216	1219	rBV	4830734	4466827	94.03%	10.831%
11	9.316	1226	1229	1231	rBV	89246	76079	1.60%	0.184%
12	9.627	1279	1282	1286	rBV	515022	490374	10.32%	1.189%
13	9.786	1305	1309	1311	rBV3	58099	69795	1.47%	0.169%
14	9.845	1311	1319	1321	rVV	238318	281569	5.93%	0.683%
15	9.922	1328	1332	1335	rVB	1528595	1358367	28.59%	3.294%
16	10.075	1353	1358	1361	rBV3	69643	111171	2.34%	0.270%
17	10.169	1371	1374	1378	rBV2	100194	125655	2.65%	0.305%
18	10.327	1397	1401	1402	rBV4	144773	159266	3.35%	0.386%
19	10.345	1402	1404	1406	rVV	297977	209921	4.42%	0.509%
20	10.380	1407	1410	1411	rVV2	59544	58469	1.23%	0.142%
21	10.563	1437	1441	1447	rBV	228843	345598	7.28%	0.838%
22	10.616	1448	1450	1454	rVV4	67419	70648	1.49%	0.171%
23	10.710	1462	1466	1469	rBV	1928283	1673353	35.22%	4.058%
24	10.827	1482	1486	1490	rBV2	407032	619416	13.04%	1.502%
25	11.298	1563	1566	1572	rVB	321493	373017	7.85%	0.905%
26	11.410	1581	1585	1588	rBV	1118511	1074286	22.61%	2.605%
27	11.927	1671	1673	1675	rBV3	168035	131458	2.77%	0.319%
28	12.992	1850	1854	1857	rVB	2924923	2630392	55.37%	6.378%
29	13.874	2001	2004	2013	rVB	573877	557013	11.73%	1.351%
30	14.045	2029	2033	2036	rBV	1037585	967148	20.36%	2.345%
31	14.145	2047	2050	2053	rVB3	57072	51656	1.09%	0.125%
32	14.510	2109	2112	2117	rVB4	56607	63626	1.34%	0.154%
33	15.086	2207	2210	2213	rBV	47893	62188	1.31%	0.151%
34	15.157	2219	2222	2226	rVB	59402	64926	1.37%	0.157%

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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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.527	2279	2285	2291	rBV	668401	944561	19.88%	2.290%
36	15.986	2360	2363	2368	rVB	52459	66008	1.39%	0.160%
37	16.509	2447	2452	2454	rBV3	29297	50406	1.06%	0.122%

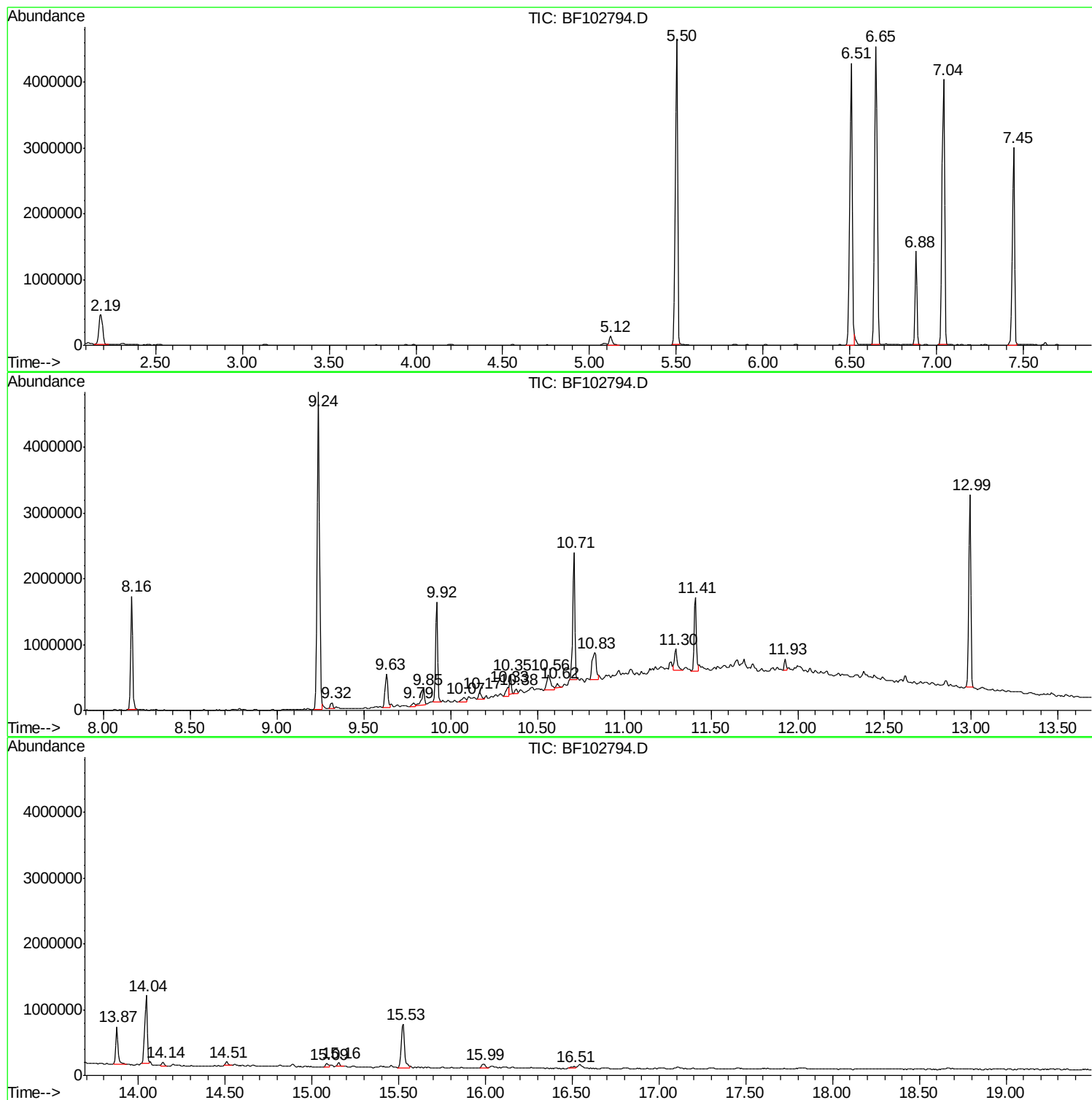
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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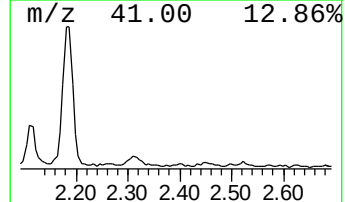
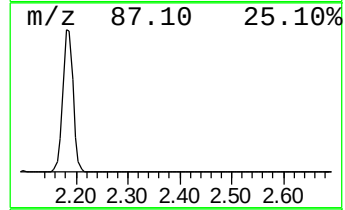
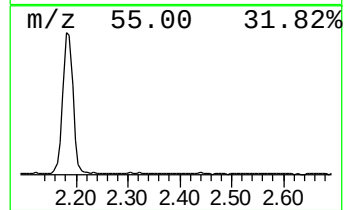
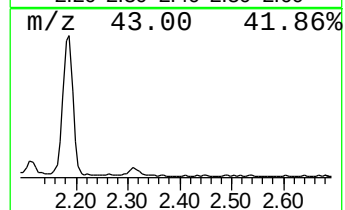
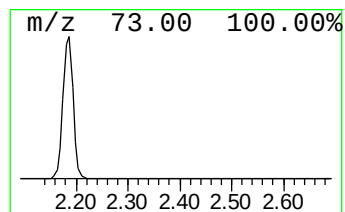
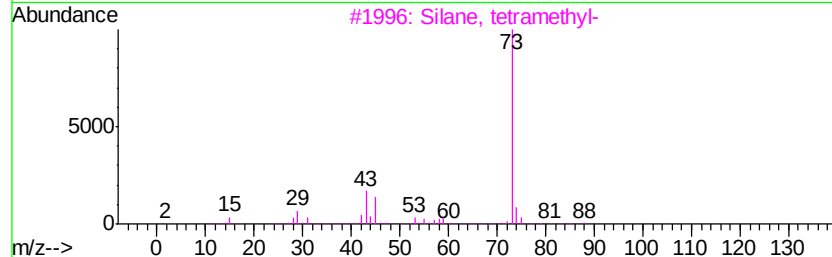
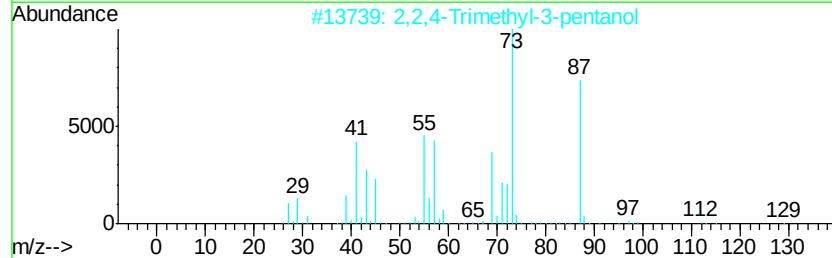
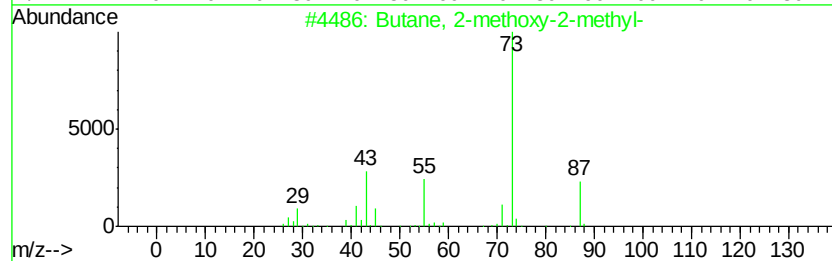
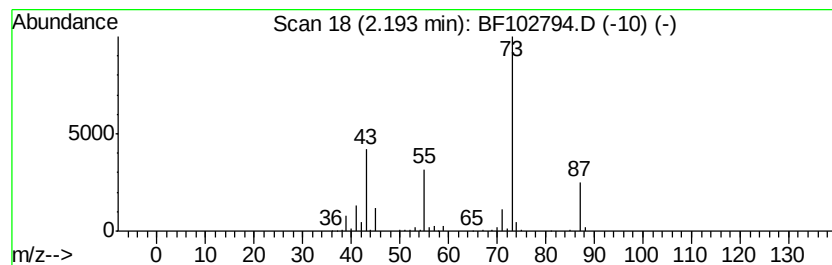
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.19	10.89 ng	620167	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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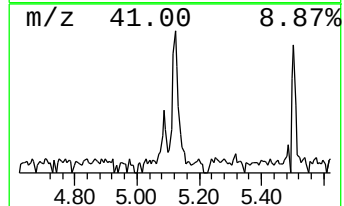
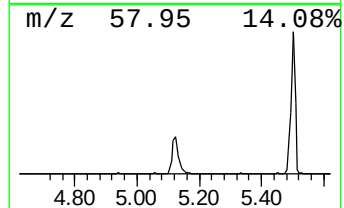
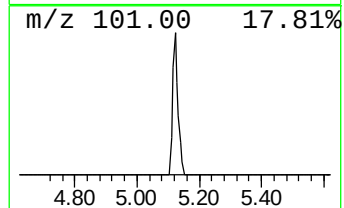
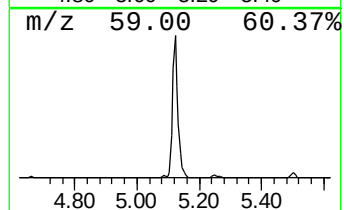
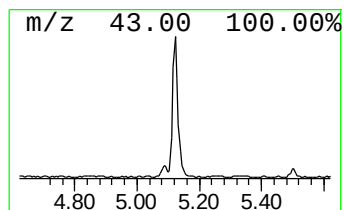
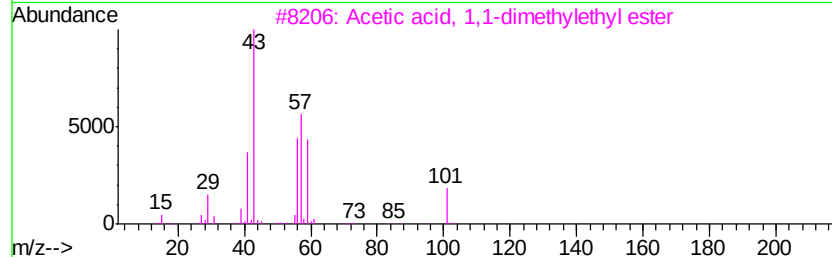
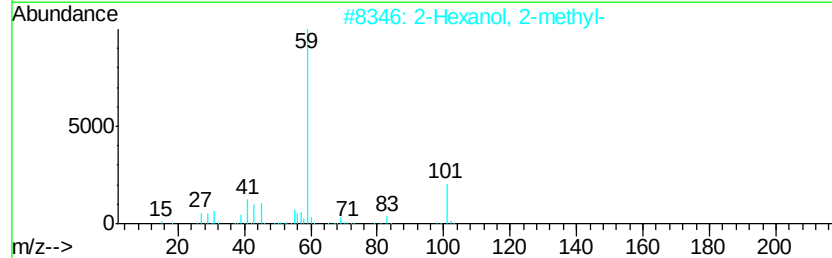
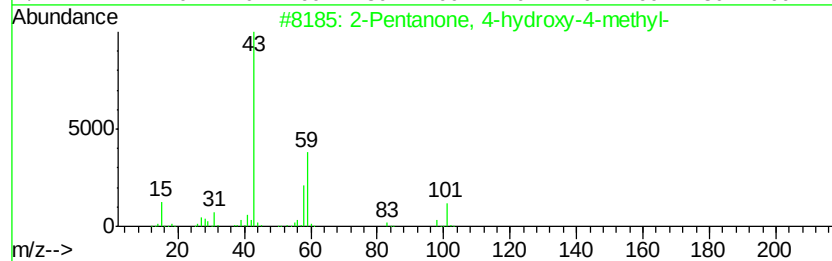
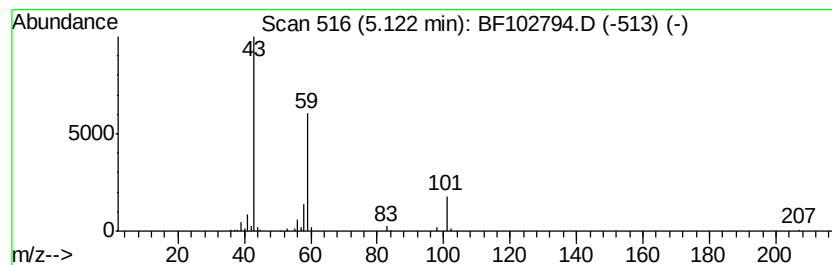
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.89 ng	164275	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	40
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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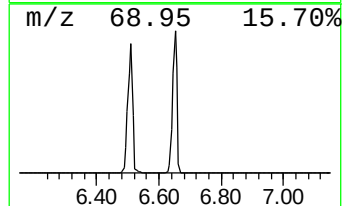
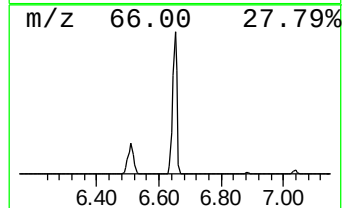
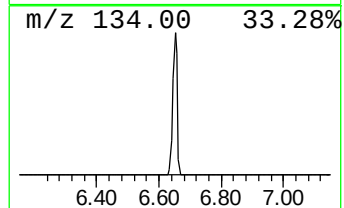
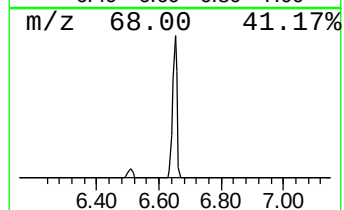
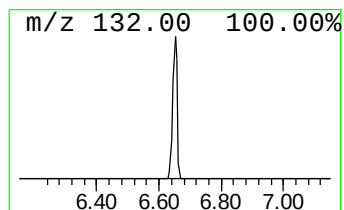
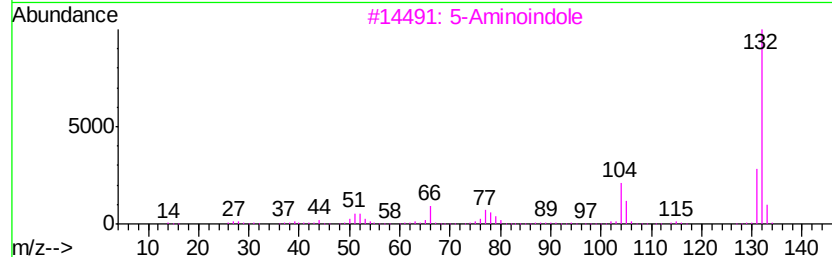
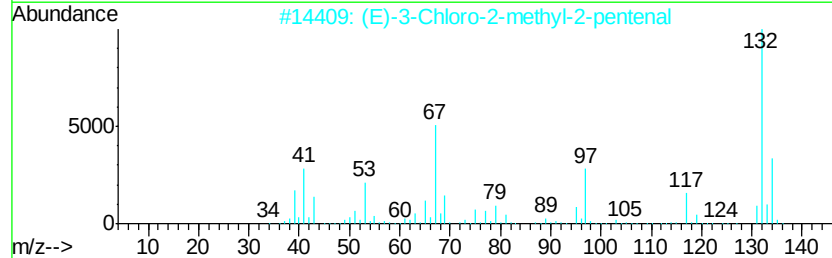
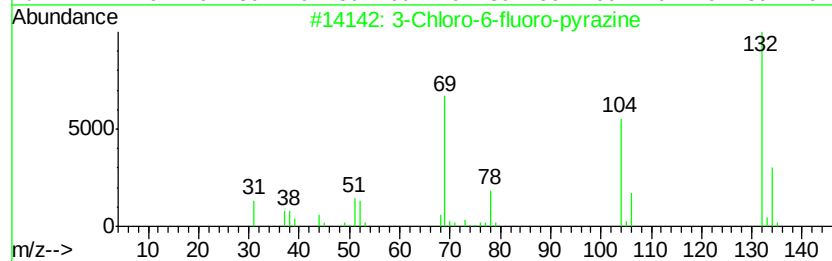
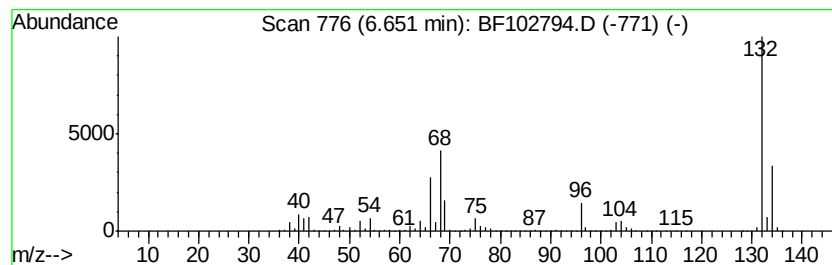
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	82.06 ng	4671360	1,4-Dichlorobenzene-d4	6.88

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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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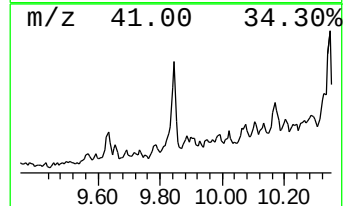
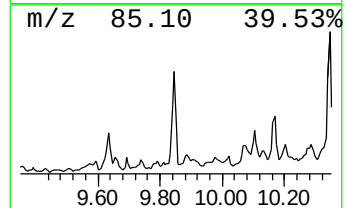
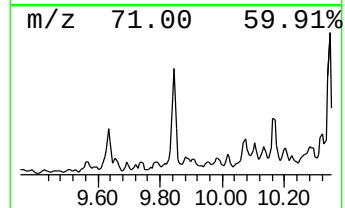
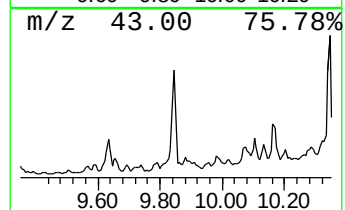
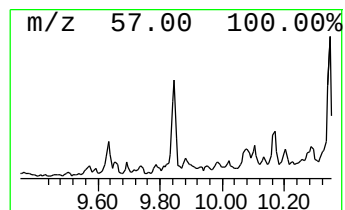
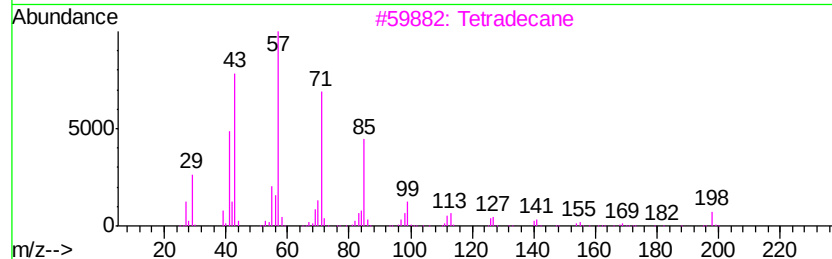
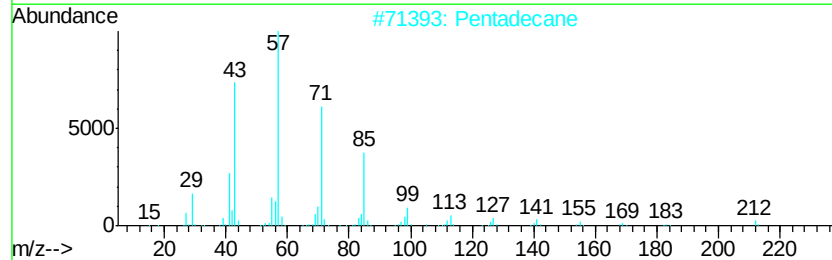
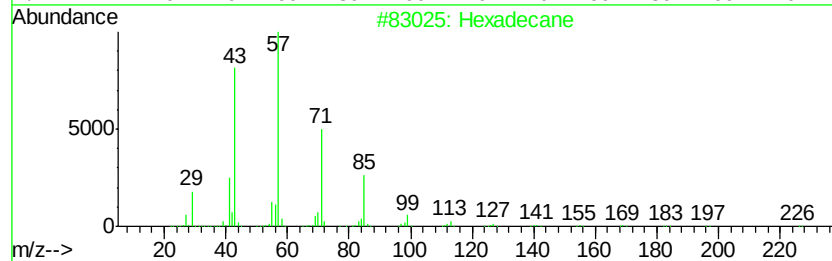
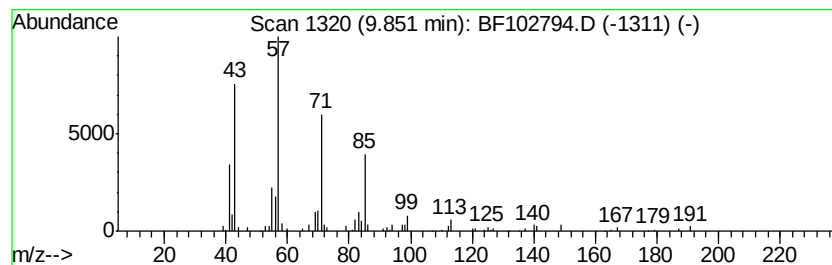
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	4.15 ng	281569	Acenaphthene-d10	9.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	78
5	Tridecane		184	C13H28	000629-50-5	72



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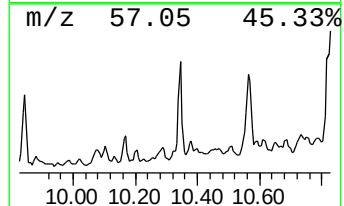
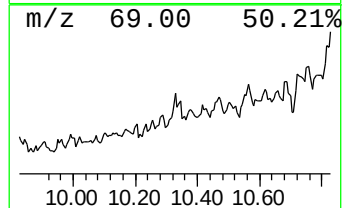
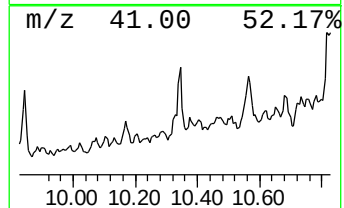
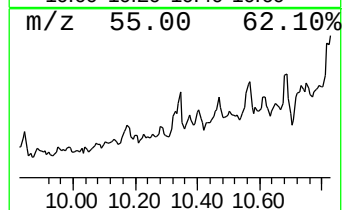
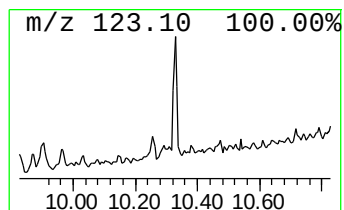
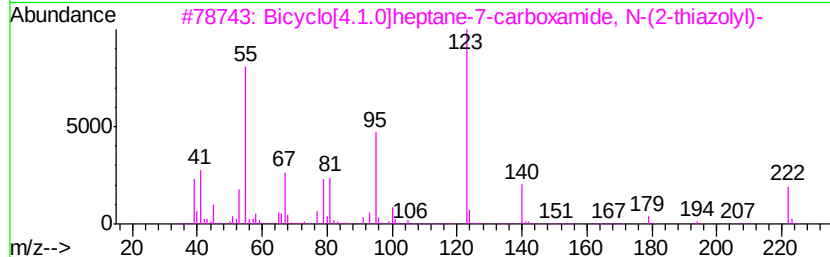
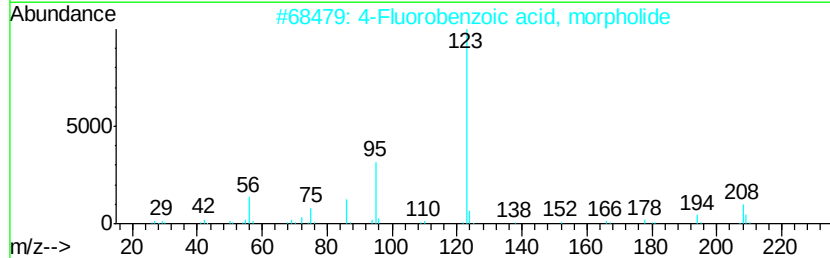
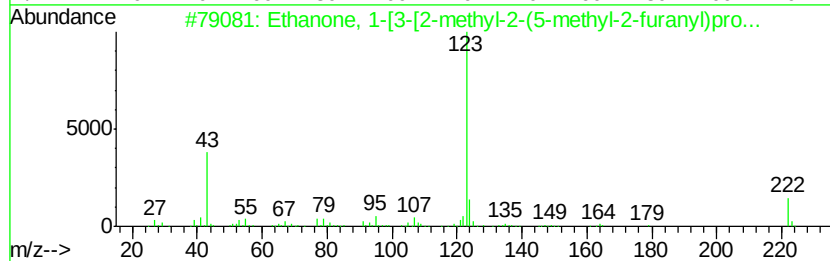
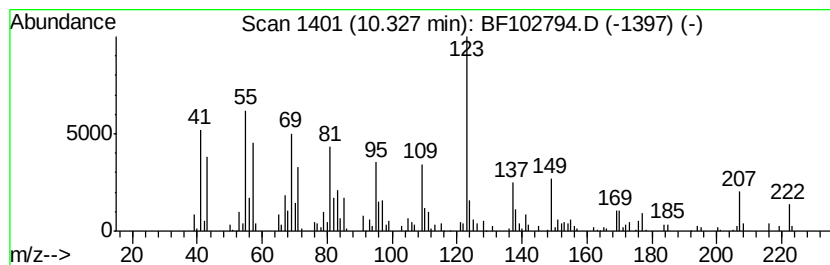
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown10.33 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.33	2.34 ng	159266	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[3-[2-methyl-2-(5-me...	222	C13H18O3	080114-28-9	38
2	4-Fluorobenzoic acid, morpholide	209	C11H12FN02	1000307-09-9	38
3	Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2O5	329912-72-3	38
4	Diallyldivinylsilane	164	C10H16Si	119901-88-1	38
5	1,3-Benzenediamine, 4-methoxy-	138	C7H10N2O	000615-05-4	38



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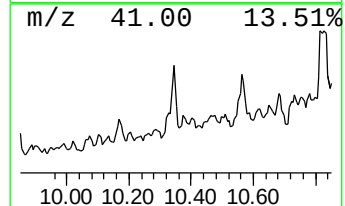
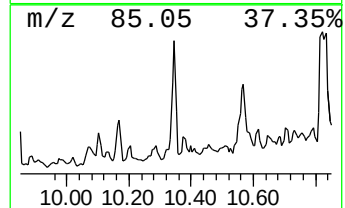
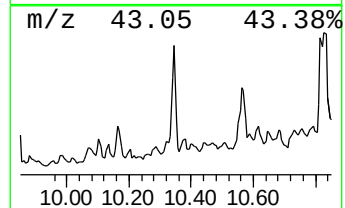
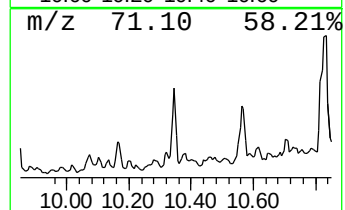
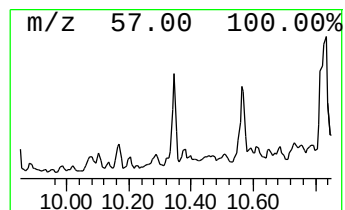
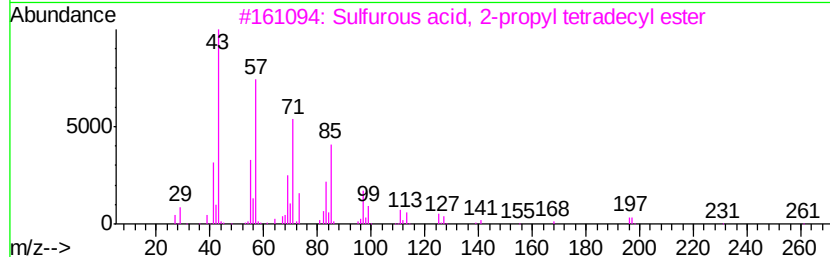
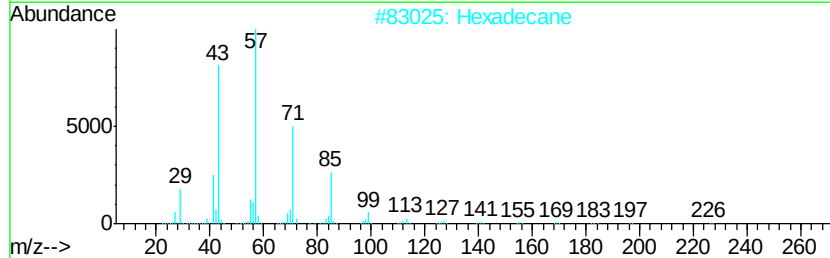
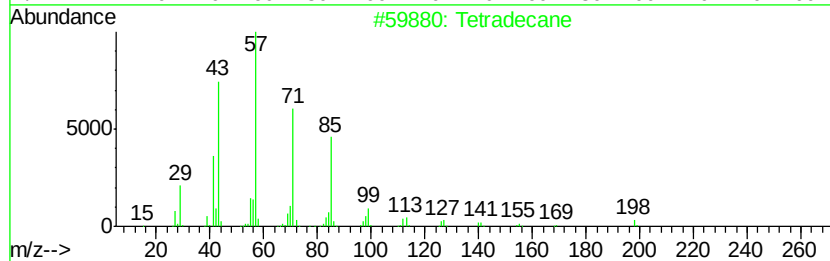
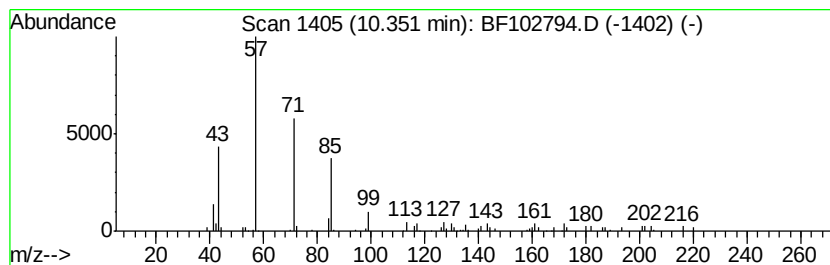
Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.35	3.09 ng	209921	Acenaphthene-d10	9.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Hexadecane	226	C16H34	000544-76-3	86
3	Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1000309-12-5	80
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
5	Sulfurous acid, 2-ethylhexyl hexyl ester	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102794.D
Acq On : 6 Feb 2018 19:50
Operator : SJ/JU
Sample : J1459-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

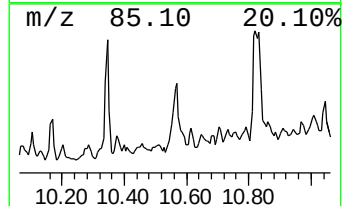
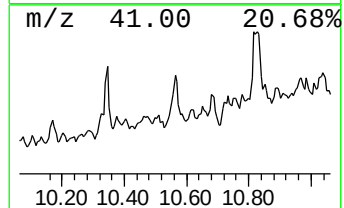
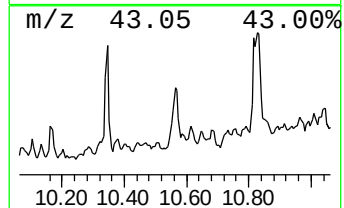
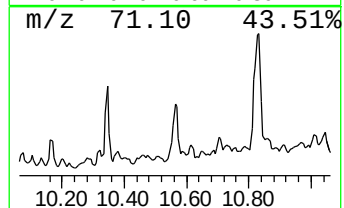
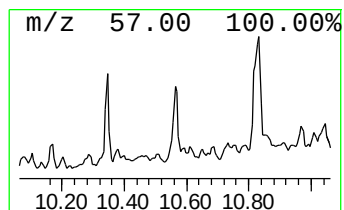
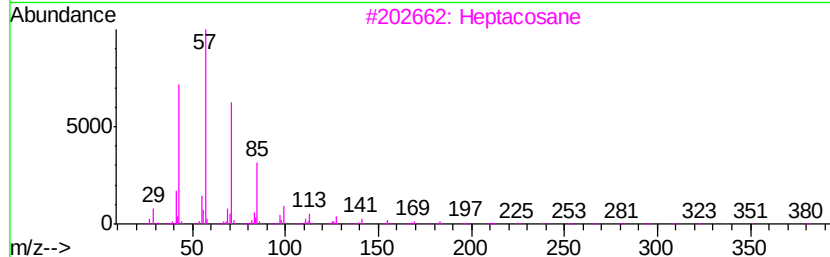
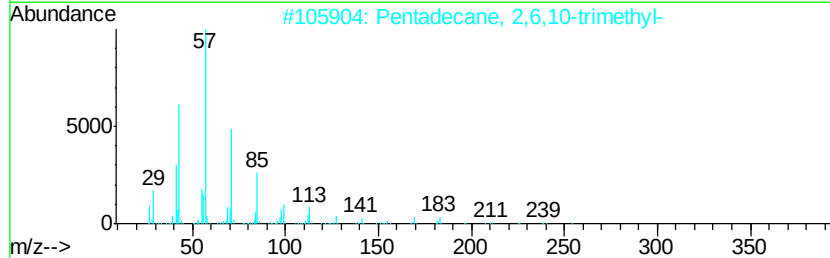
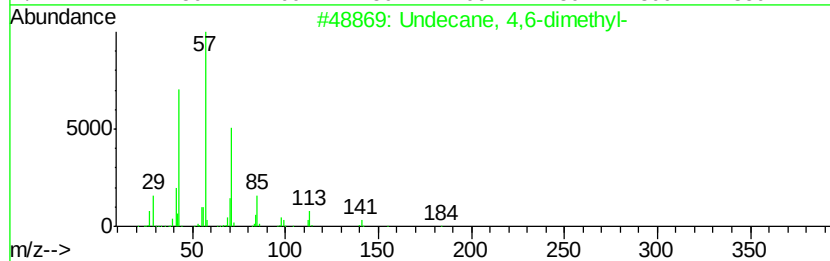
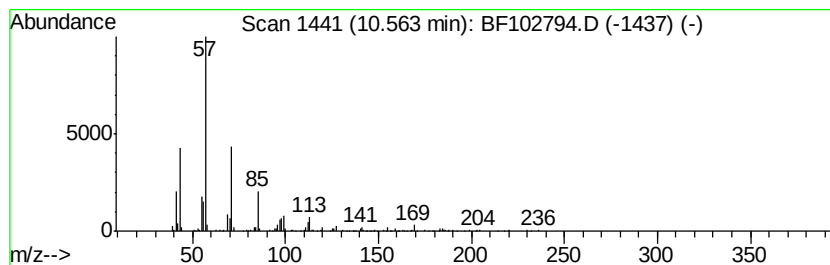
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ClientSampleId :
TP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 4,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.56	5.09 ng	345598	Acenaphthene-d10	9.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	80
2	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	78
3	Heptacosane		380	C27H56	000593-49-7	68
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	68
5	Octacosane		394	C28H58	000630-02-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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Operator : SJ/JU
Sample : J1459-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

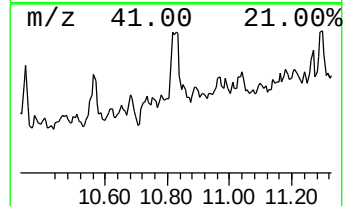
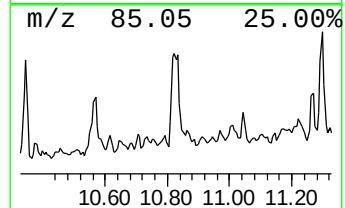
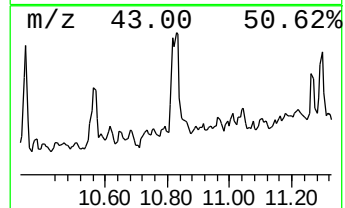
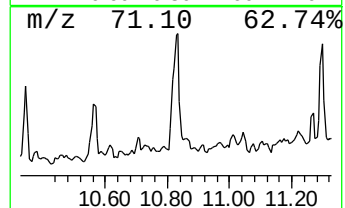
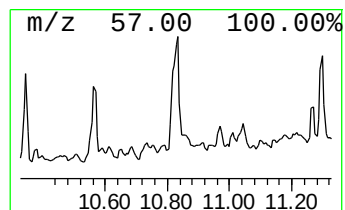
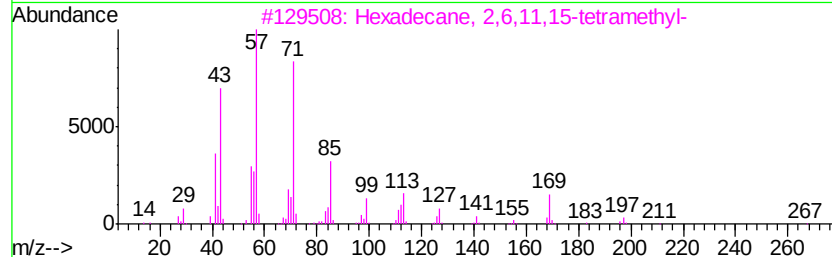
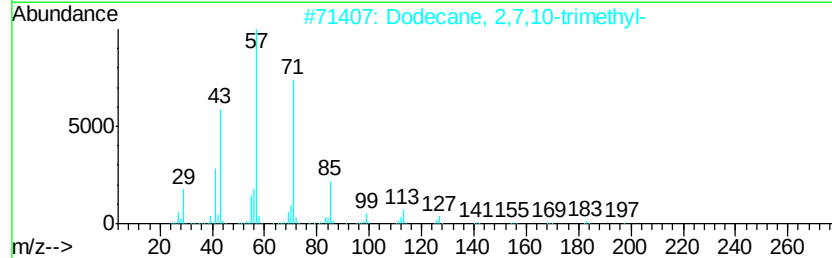
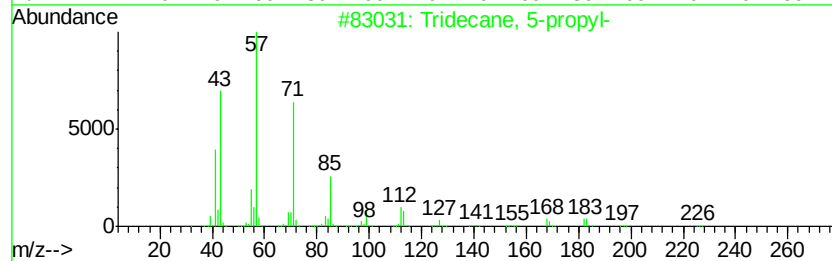
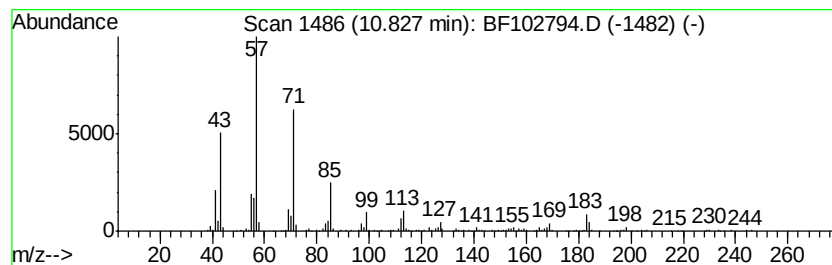
Instrument :
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ClientSampleId :
TP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	11.53 ng	619416	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 5-propyl-	226 C16H34	055045-11-9 86
2		Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0 72
3		Hexadecane, 2,6,11,15-tetramethyl-	282 C20H42	000504-44-9 68
4		Undecane, 2-methyl-	170 C12H26	007045-71-8 64
5		Sulfurous acid, 2-ethylhexyl non...	320 C17H36O3S	1000309-19-2 58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102794.D
Acq On : 6 Feb 2018 19:50
Operator : SJ/JU
Sample : J1459-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

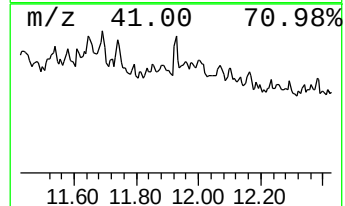
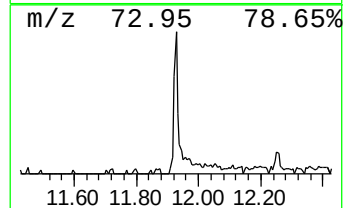
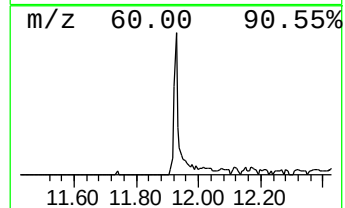
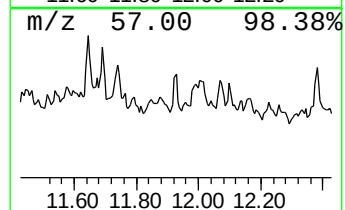
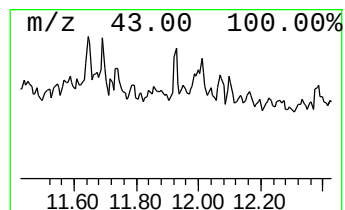
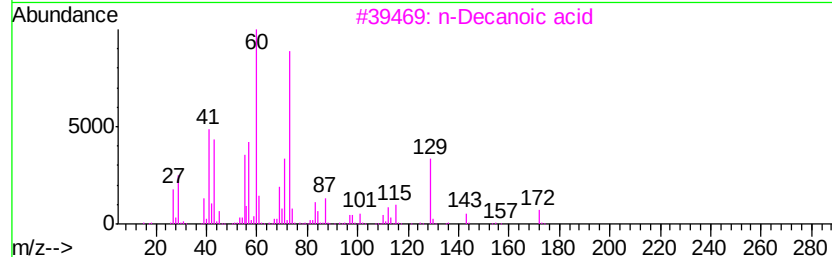
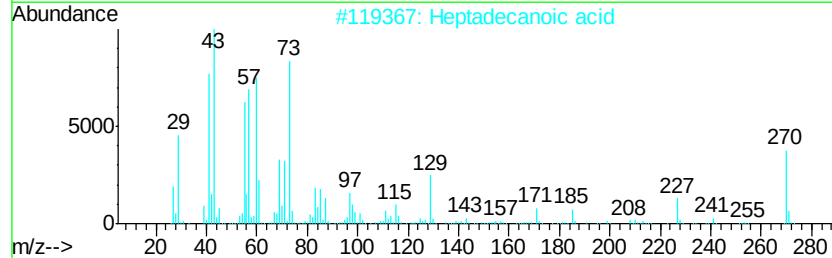
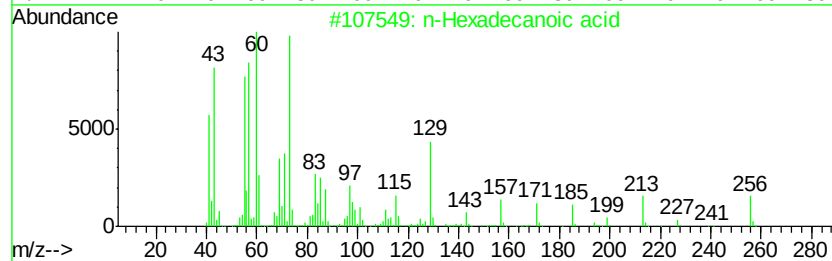
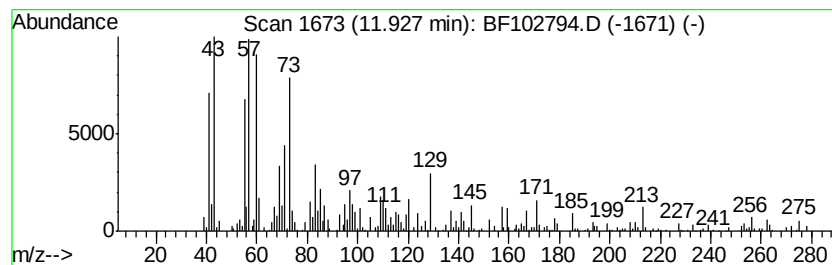
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.93	2.45 ng	131458	Phenanthrene-d10		11.41
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	87
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102794.D
Acq On : 6 Feb 2018 19:50
Operator : SJ/JU
Sample : J1459-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-A

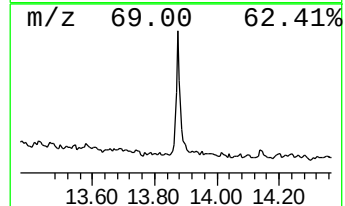
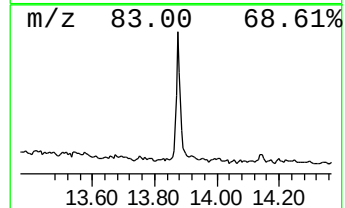
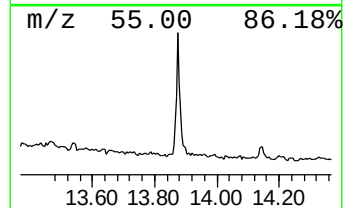
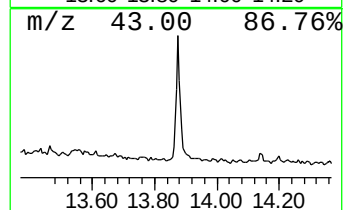
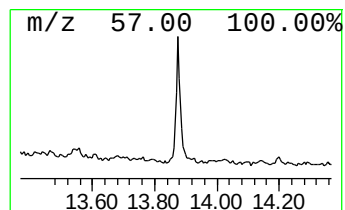
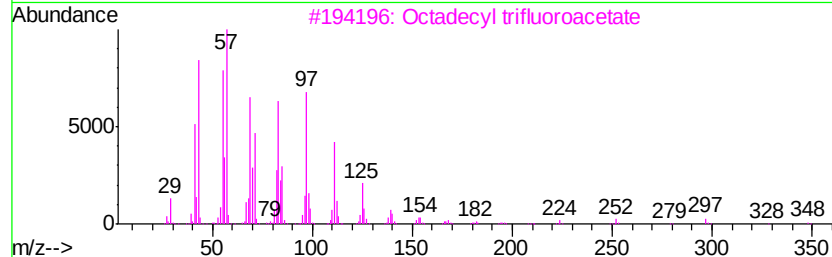
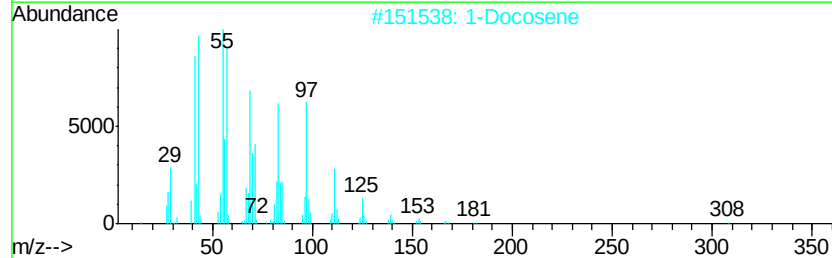
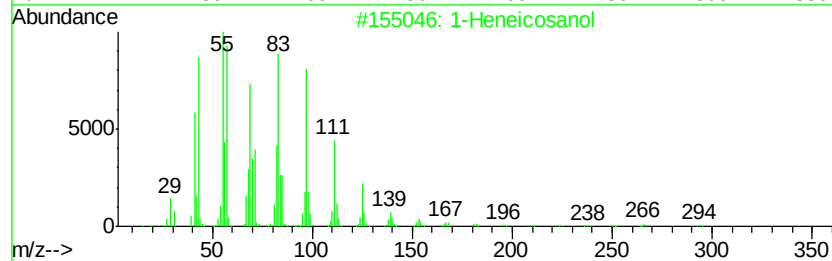
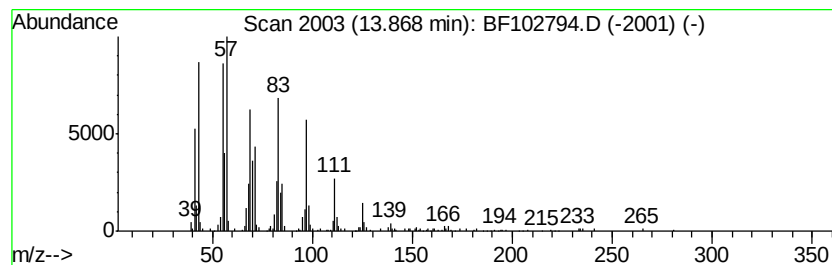
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.52 ng	557013	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Docosene	308	C22H44	001599-67-3	94
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4		Octacosanol	410	C28H58O	000557-61-9	94
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102794.D
Acq On : 6 Feb 2018 19:50
Operator : SJ/JU
Sample : J1459-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-A

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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...	2.19	10.9	ng	620167	1	6.88	1138560	20.0
2-Pentanone, 4-hy...	5.12	2.9	ng	164275	1	6.88	1138560	20.0
unknown6.65	6.65	82.1	ng	4671360	1	6.88	1138560	20.0
Hexadecane	9.85	4.2	ng	281569	3	9.92	1358370	20.0
unknown10.33	10.33	2.3	ng	159266	3	9.92	1358370	20.0
Tetradecane	10.35	3.1	ng	209921	3	9.92	1358370	20.0
Undecane, 4,6-dim...	10.56	5.1	ng	345598	3	9.92	1358370	20.0
Tridecane, 5-propyl-	10.83	11.5	ng	619416	4	11.41	1074290	20.0
n-Hexadecanoic acid	11.93	2.5	ng	131458	4	11.41	1074290	20.0
1-Heneicosanol	13.87	11.5	ng	557013	5	14.04	967148	20.0