

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041819\
 Data File : BF113833.D
 Acq On : 18 Apr 2019 22:57
 Operator : JU/SJ
 Sample : K2434-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-288

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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	2.199	15	19	24	rVB	42981	59608	1.78%	0.183%
2	5.110	507	514	520	rVB	158774	200934	6.00%	0.619%
3	5.516	578	583	586	rBV	3107127	2915384	87.01%	8.974%
4	6.516	747	753	756	rBV	3158541	3064202	91.45%	9.432%
5	6.663	773	778	781	rBV	3564435	3163157	94.40%	9.737%
6	6.892	814	817	821	rVB	1078203	926277	27.64%	2.851%
7	7.051	840	844	847	rBV	2987749	2501258	74.65%	7.699%
8	7.451	907	912	915	rBV	2078143	1887588	56.34%	5.810%
9	8.175	1031	1035	1038	rBV	1383222	1094621	32.67%	3.369%
10	9.251	1213	1218	1221	rBV	3763409	3350625	100.00%	10.314%
11	9.633	1280	1283	1287	rBV	316410	279080	8.33%	0.859%
12	9.927	1329	1333	1337	rVB	1328723	1075569	32.10%	3.311%
13	10.710	1462	1466	1469	rBV	1924654	1606351	47.94%	4.945%
14	11.410	1581	1585	1588	rBV	1282781	1047598	31.27%	3.225%
15	11.933	1671	1674	1682	rBV	307912	303837	9.07%	0.935%
16	12.616	1787	1790	1793	rBV	190289	171578	5.12%	0.528%
17	12.715	1804	1807	1815	rBV2	137565	169659	5.06%	0.522%
18	12.845	1823	1829	1836	rBV	214224	233764	6.98%	0.720%
19	12.992	1850	1854	1857	rBV	3975141	3265004	97.44%	10.050%
20	13.886	2003	2006	2014	rBV2	560441	528353	15.77%	1.626%
21	14.039	2027	2032	2035	rBV	1495847	1552192	46.33%	4.778%
22	14.062	2035	2036	2039	rVB	126616	94633	2.82%	0.291%
23	14.521	2111	2114	2117	rBV	172198	147819	4.41%	0.455%
24	14.827	2164	2166	2169	rVB	138604	130390	3.89%	0.401%
25	15.174	2222	2225	2234	rVB2	247461	332323	9.92%	1.023%
26	15.515	2278	2283	2286	rVV	952336	1164751	34.76%	3.585%
27	15.562	2288	2291	2297	rVB	214851	268896	8.03%	0.828%
28	16.003	2363	2366	2370	rBV	158808	204886	6.11%	0.631%
29	16.251	2404	2408	2418	rVB	206444	408641	12.20%	1.258%
30	16.692	2480	2483	2494	rVB	191591	337752	10.08%	1.040%

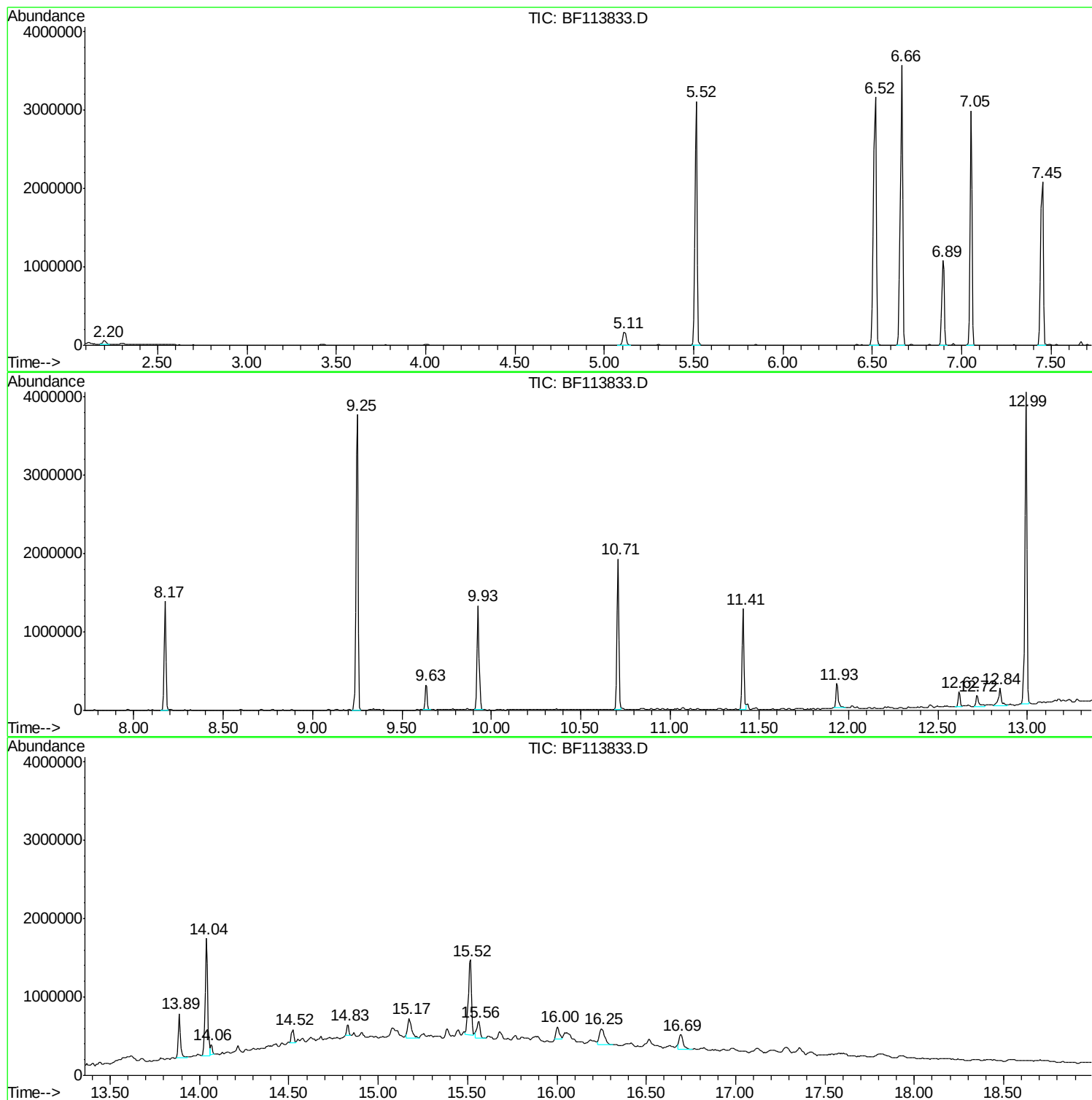
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Instrument :
BNA_F
ClientSampled :
RO-288

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.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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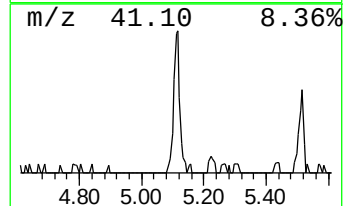
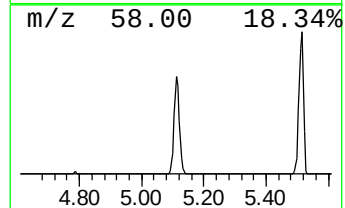
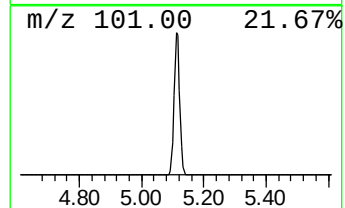
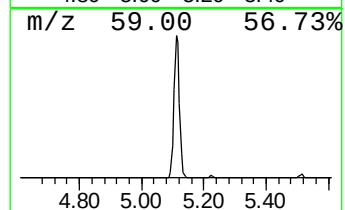
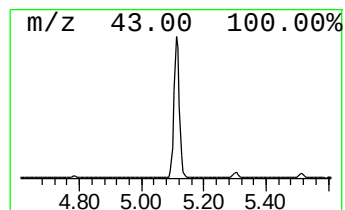
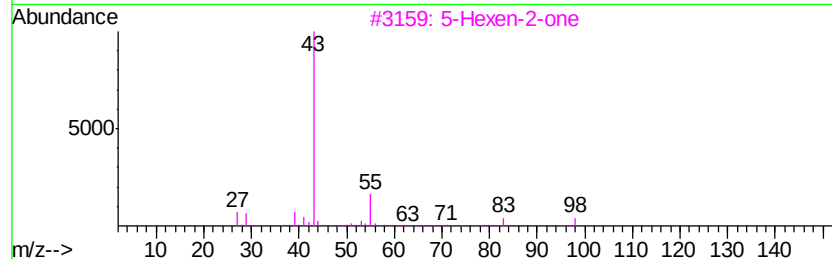
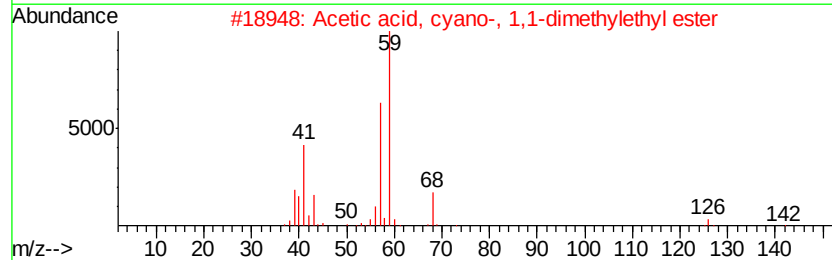
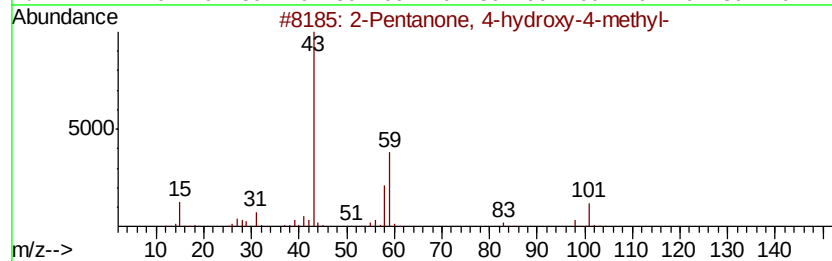
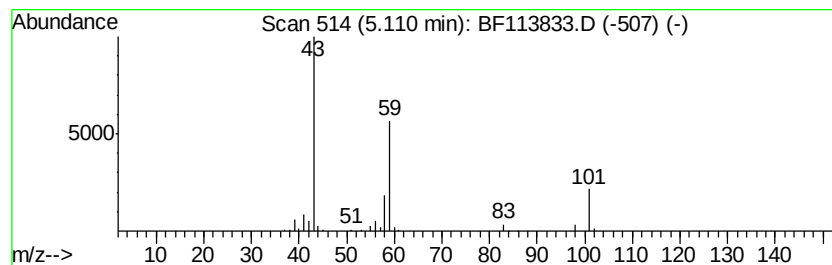
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	4.34 ng	200934	1,4-Dichlorobenzene-d4	6.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10	
4	Acetone	58	C3H6O	000067-64-1	10	
5	Butane	58	C4H10	000106-97-8	9	



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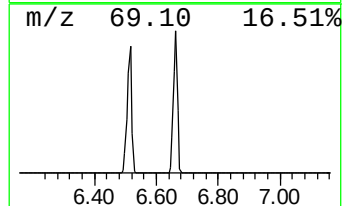
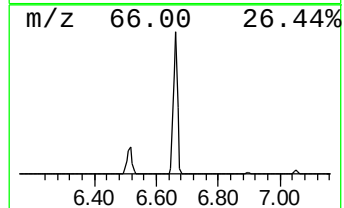
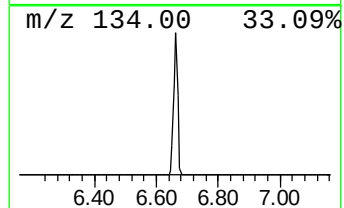
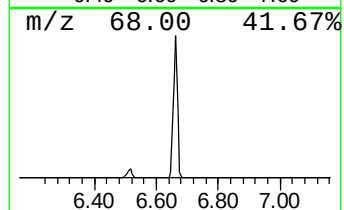
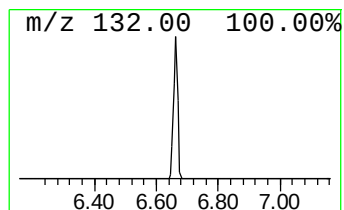
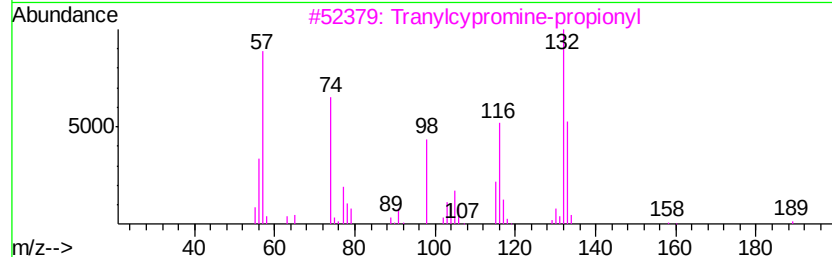
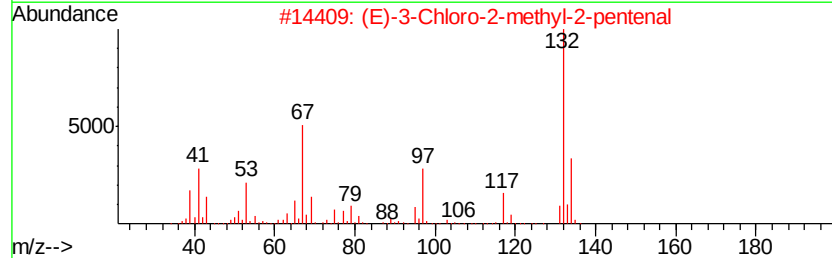
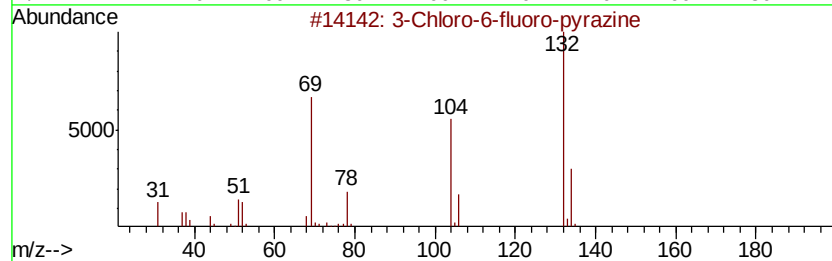
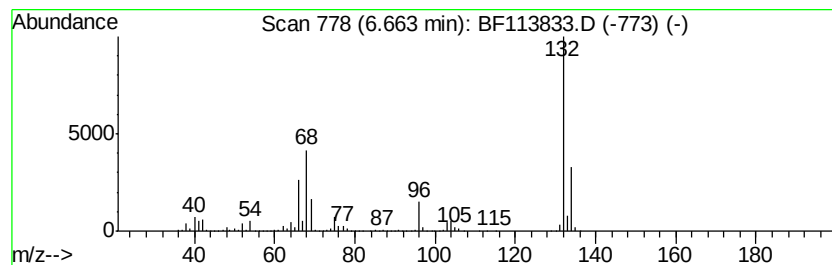
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Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	68.30 ng	3163160	1,4-Dichlorobenzene-d4	6.89

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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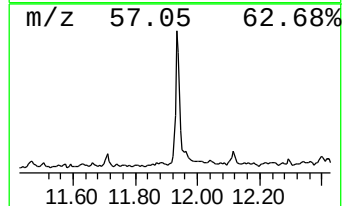
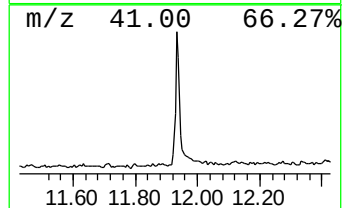
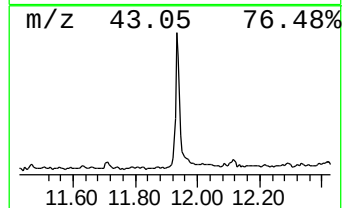
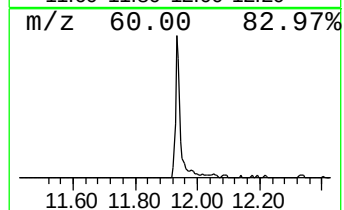
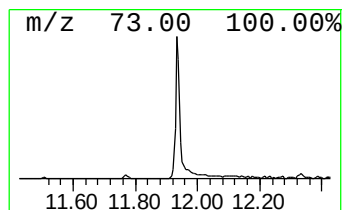
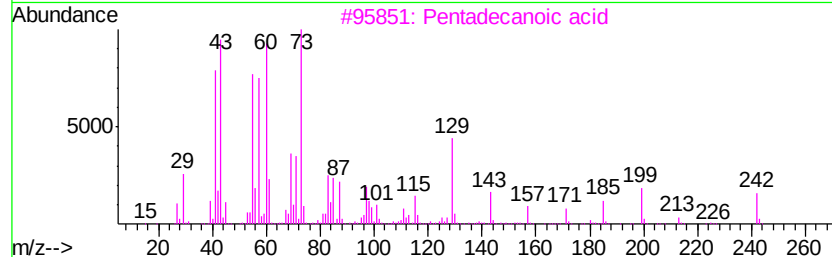
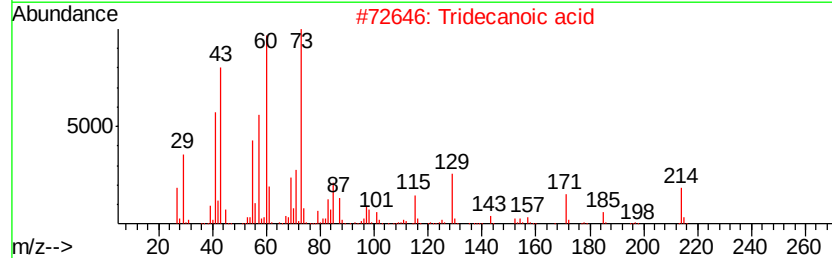
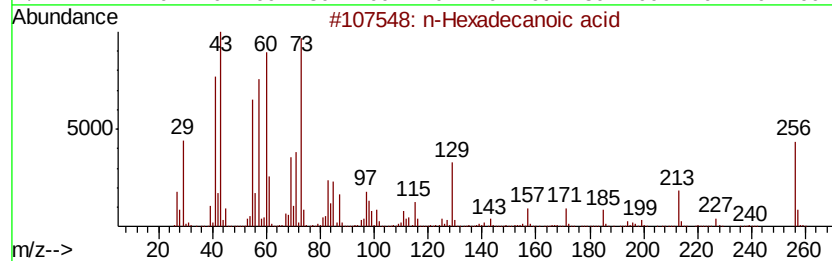
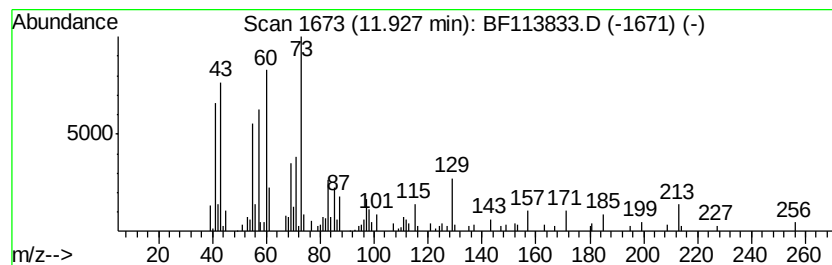
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BNA_F
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	5.80 ng	303837	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



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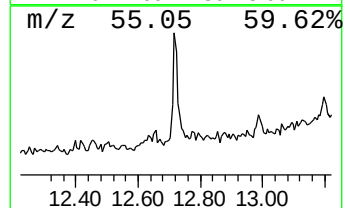
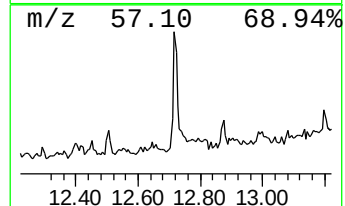
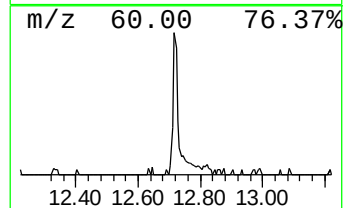
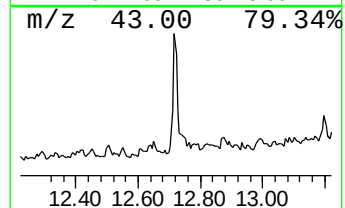
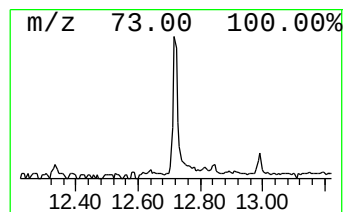
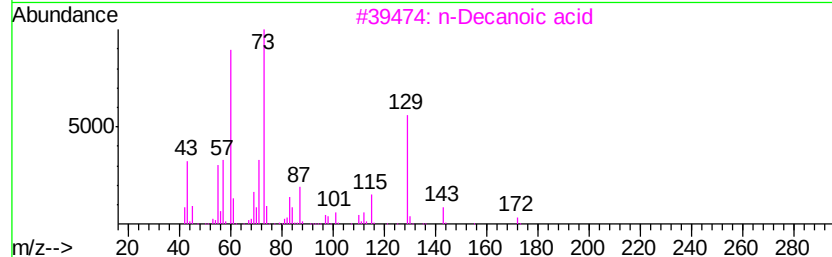
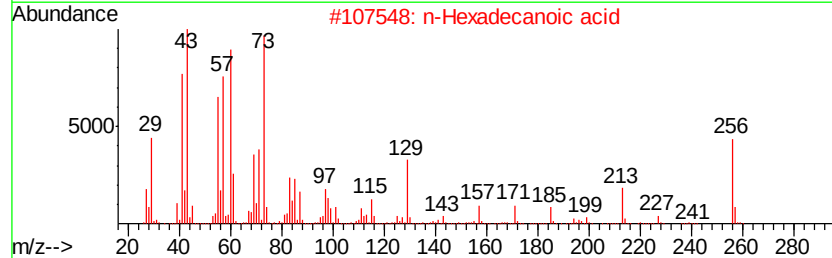
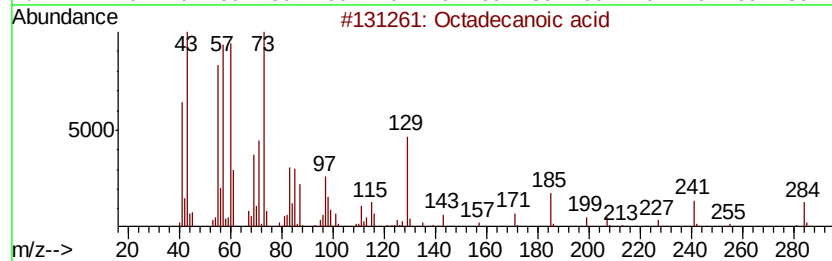
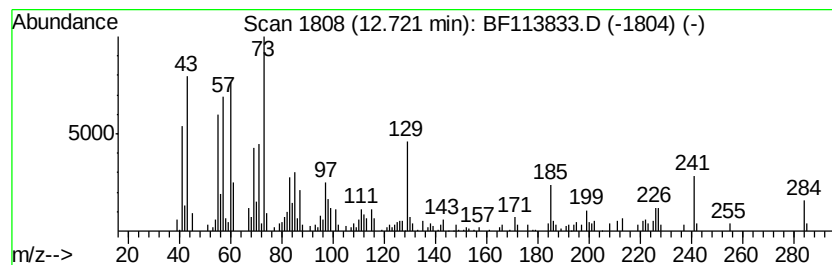
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Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.24 ng	169659	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	53



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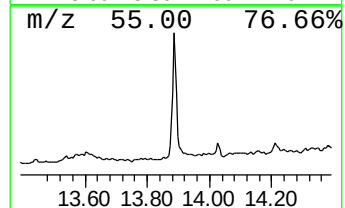
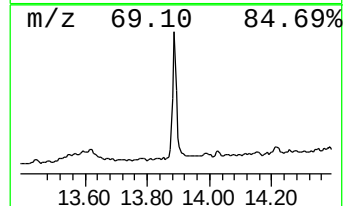
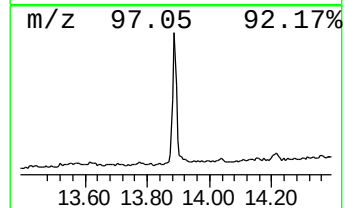
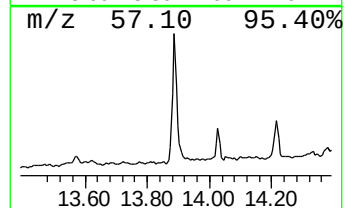
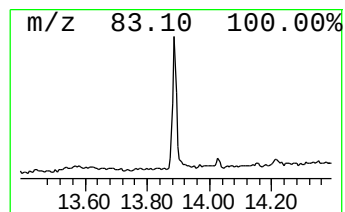
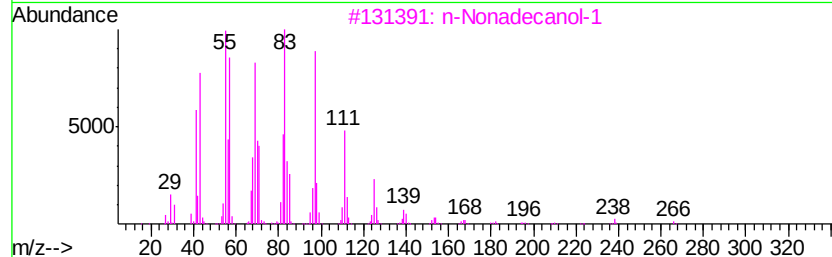
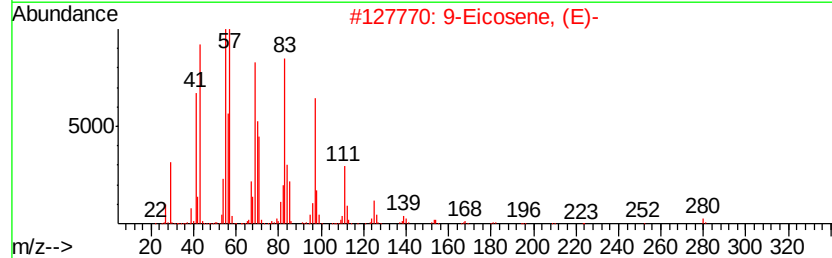
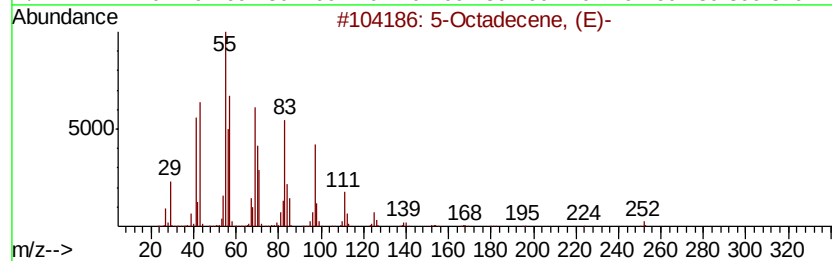
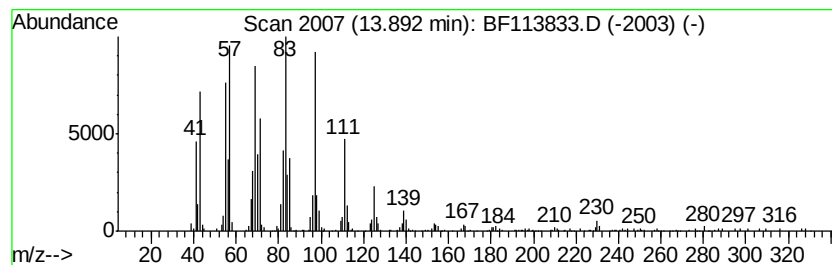
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	6.81 ng	528353	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



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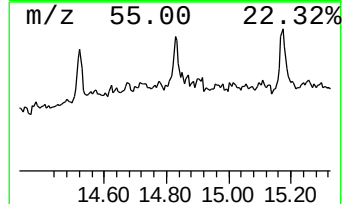
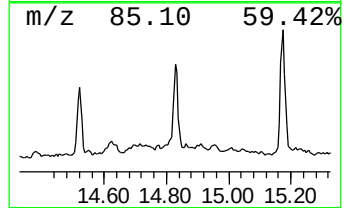
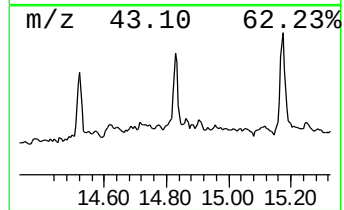
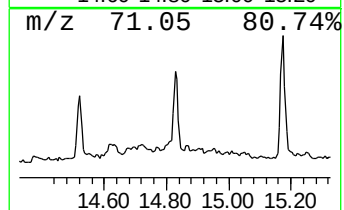
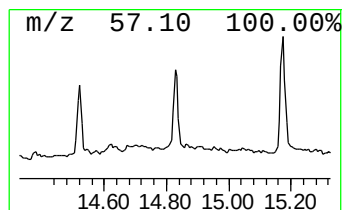
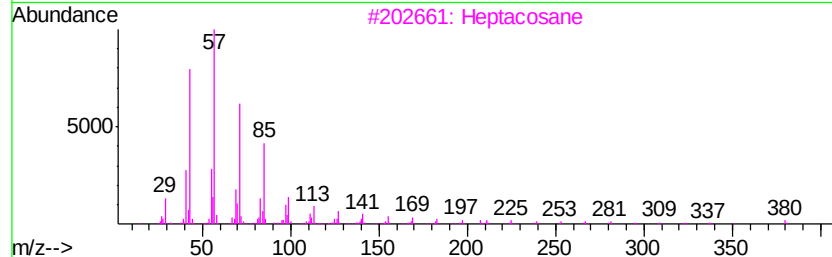
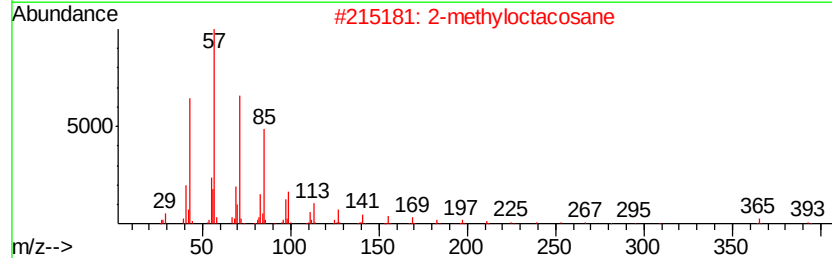
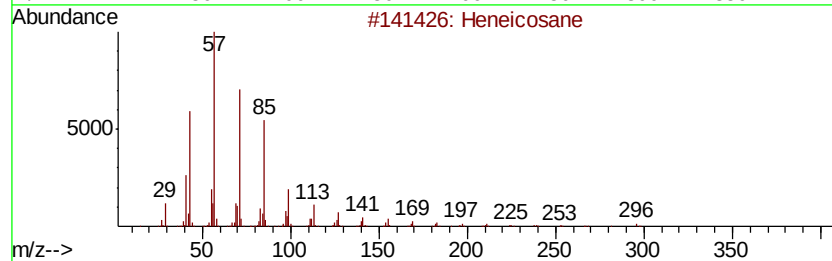
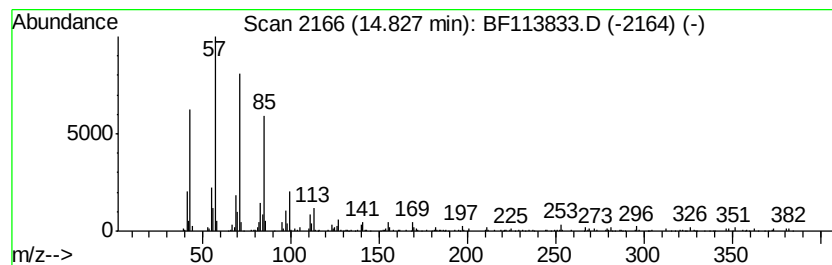
Instrument :
 BNA_F
 ClientSampleId :
 RO-288

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.83	2.24 ng	130390	Perylene-d12		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
5	Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113833.D
Acq On : 18 Apr 2019 22:57
Operator : JU/SJ
Sample : K2434-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

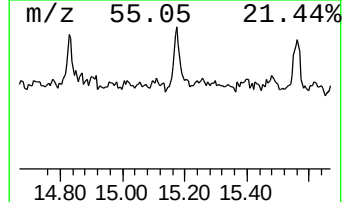
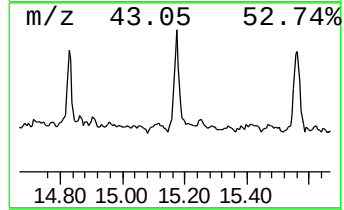
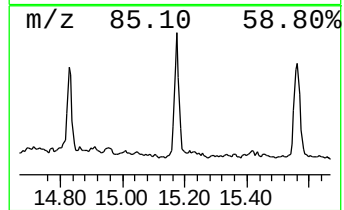
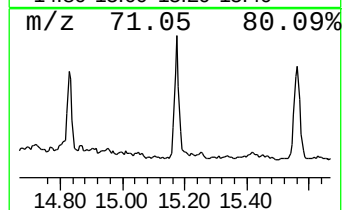
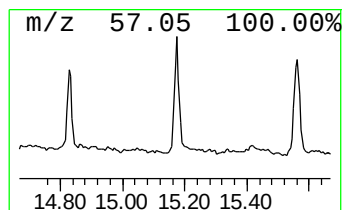
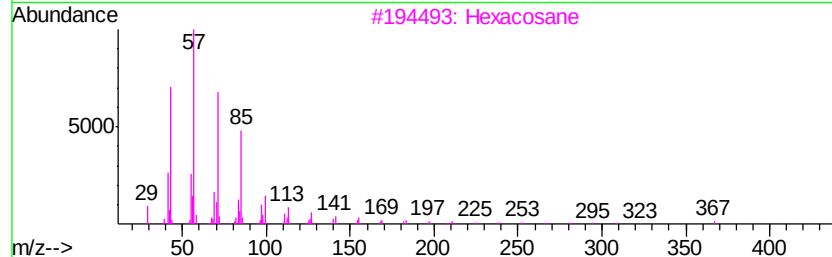
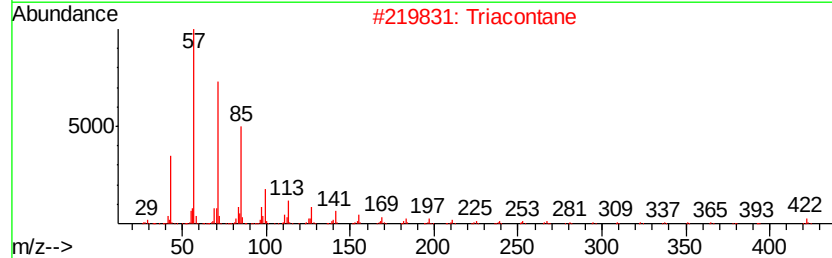
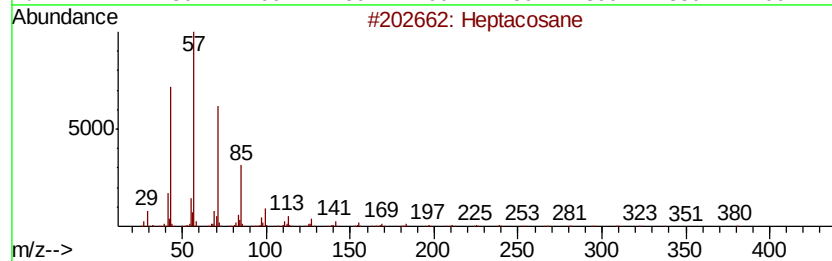
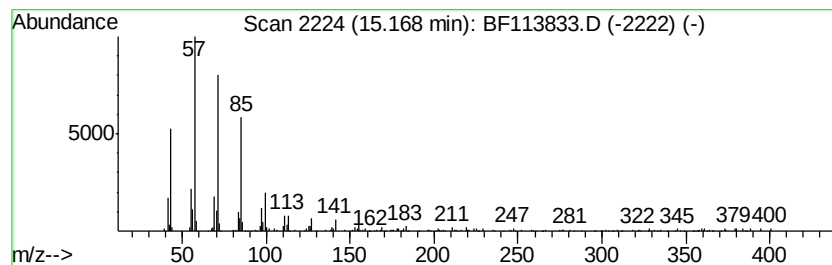
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.17	5.71 ng	332323	Perylene-d12		15.52	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
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Sample : K2434-01
Misc :
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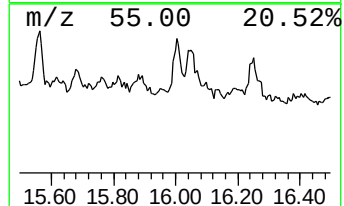
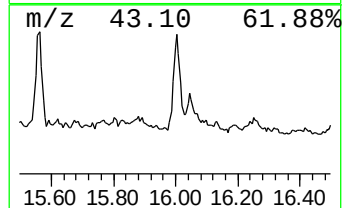
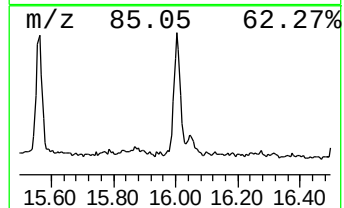
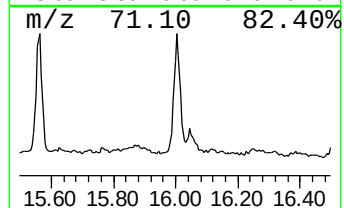
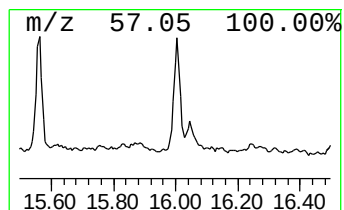
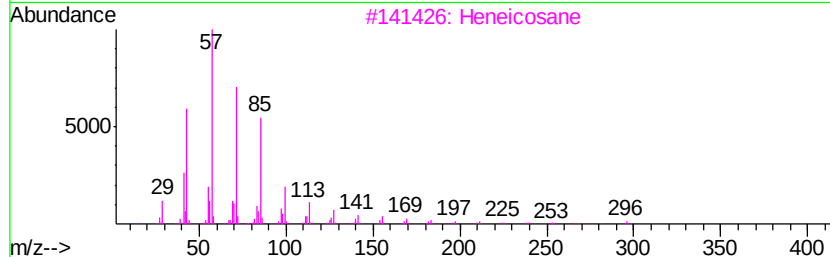
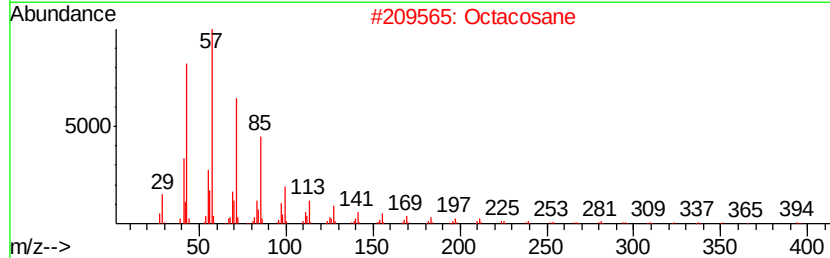
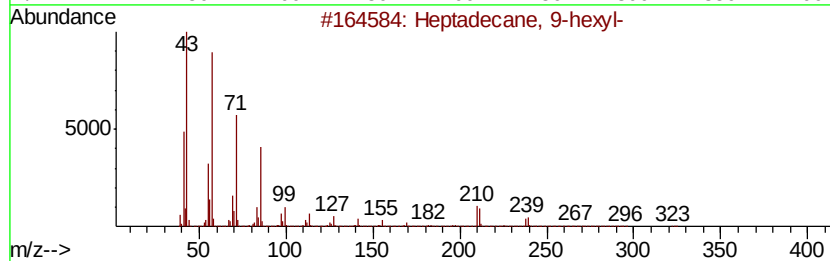
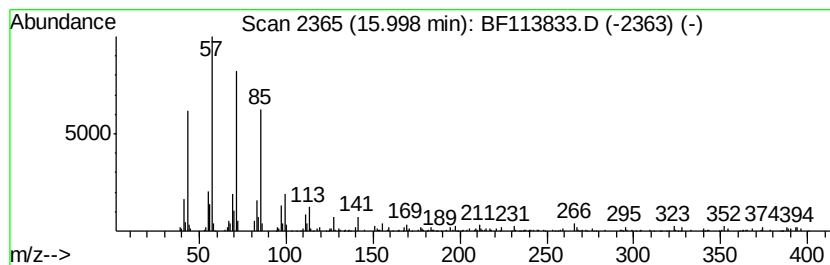
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 9-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.00	3.52 ng	204886	Perylene-d12	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113833.D
Acq On : 18 Apr 2019 22:57
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Sample : K2434-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

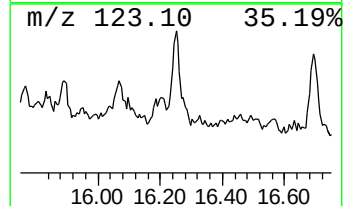
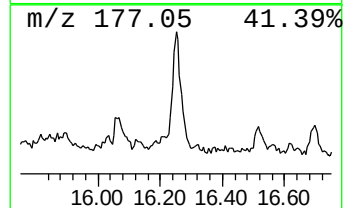
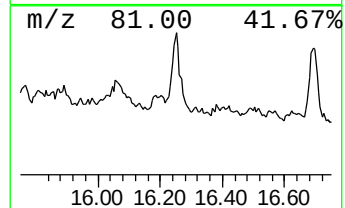
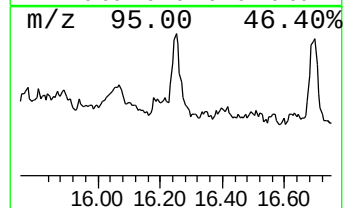
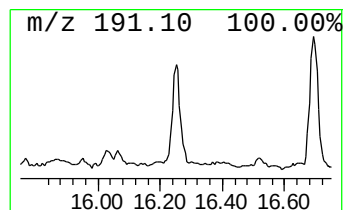
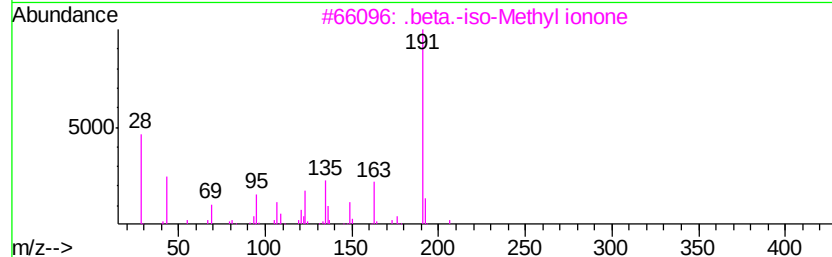
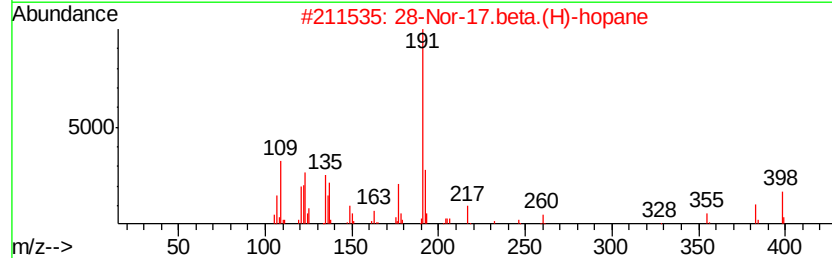
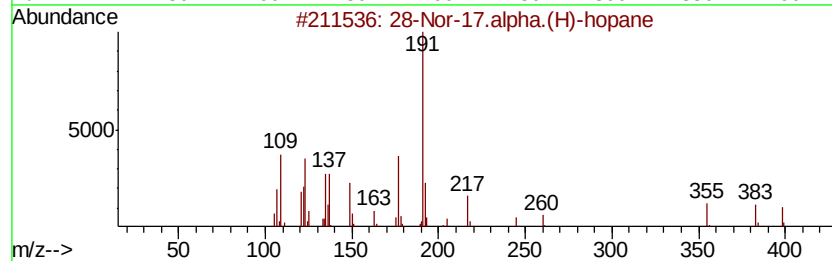
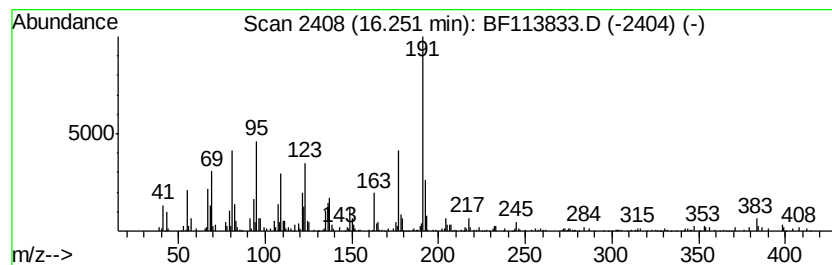
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	7.02 ng	408641	Perylene-d12	15.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	28-Nor-17.alpha.(H)-hopane	398 C29H50	053584-60-4	83
2	28-Nor-17.beta.(H)-hopane	398 C29H50	036728-72-0	64
3	.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2	58
4	5-(p-Aminophenyl)-2-thiazolamine	191 C9H9N3S	090349-87-4	35
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206 C14H22O	000127-43-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041819\
Data File : BF113833.D
Acq On : 18 Apr 2019 22:57
Operator : JU/SJ
Sample : K2434-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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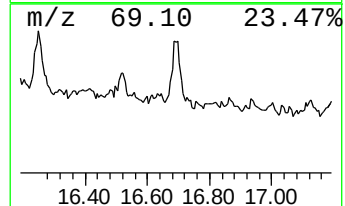
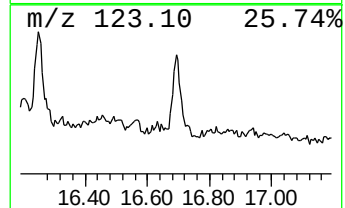
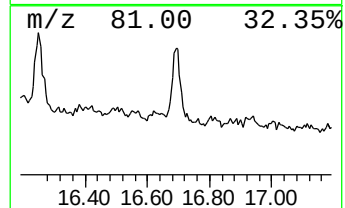
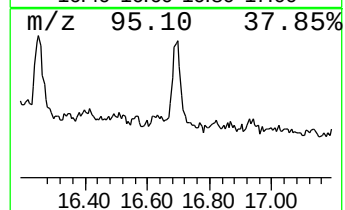
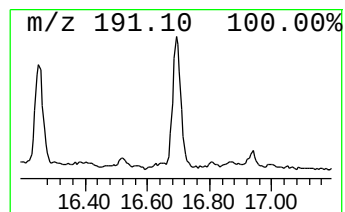
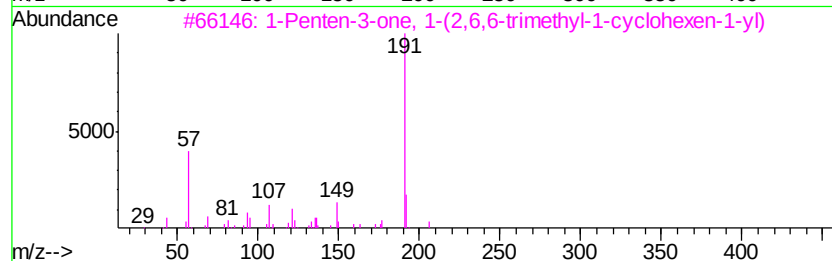
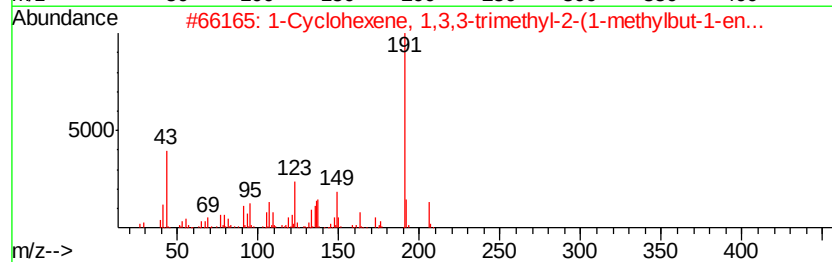
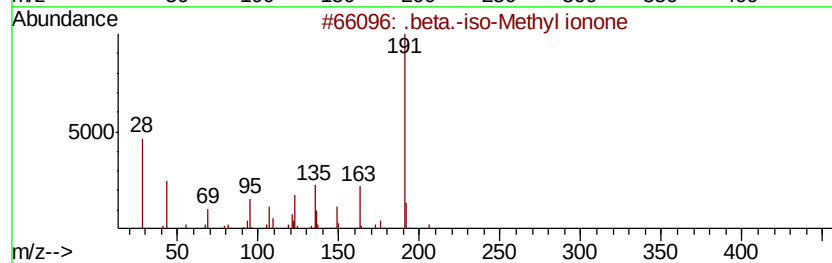
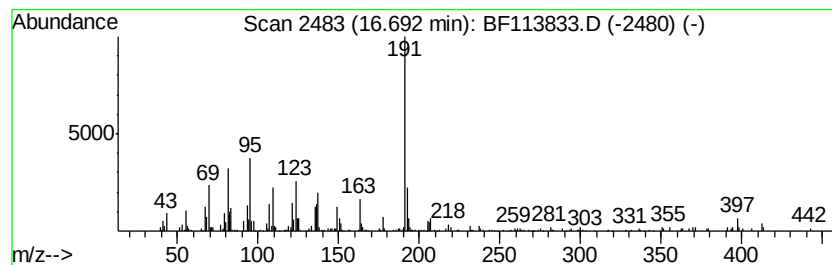
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 .beta.-iso-Methyl ionone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	5.80 ng	337752	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	53
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49
4		(7a-Isopropenyl-4,5-dimethylocta...	222	C15H26O	1000187-02-9	45
5		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041819\
Data File : BF113833.D
Acq On : 18 Apr 2019 22:57
Operator : JU/SJ
Sample : K2434-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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...	5.11	4.3	ng	200934	1	6.89	926277	20.0
unknown6.66	6.66	68.3	ng	3163160	1	6.89	926277	20.0
n-Hexadecanoic acid	11.93	5.8	ng	303837	4	11.41	1047600	20.0
Octadecanoic acid	12.72	3.2	ng	169659	4	11.41	1047600	20.0
5-Octadecene, (E)-	13.89	6.8	ng	528353	5	14.04	1552190	20.0
Heneicosane	14.83	2.2	ng	130390	6	15.52	1164750	20.0
Heptacosane	15.17	5.7	ng	332323	6	15.52	1164750	20.0
Heptadecane, 9-he...	16.00	3.5	ng	204886	6	15.52	1164750	20.0
28-Nor-17.alpha.(...	16.25	7.0	ng	408641	6	15.52	1164750	20.0
.beta.-iso-Methyl...	16.69	5.8	ng	337752	6	15.52	1164750	20.0