

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF111985.D
 Acq On : 10 Jan 2019 14:17
 Operator : JU/SJ
 Sample : K1082-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-5

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-BF010719.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	2.175	12	15	26	rVB	80068	150022	4.86%	0.583%
2	5.092	507	511	517	rVB	126210	150470	4.88%	0.585%
3	5.510	578	582	586	rBV	2715101	2483100	80.45%	9.648%
4	6.516	748	753	767	rVB	2774484	2902295	94.03%	11.277%
5	6.651	771	776	779	rBV	2888028	2508644	81.28%	9.747%
6	6.698	782	784	793	rVB	51215	51584	1.67%	0.200%
7	6.875	810	814	818	rBV	858907	674924	21.87%	2.622%
8	7.033	837	841	844	rBV	2458742	2041444	66.14%	7.932%
9	7.433	904	909	912	rBV	1832968	1651654	53.51%	6.417%
10	8.157	1028	1032	1035	rBV	1009254	843544	27.33%	3.277%
11	9.233	1210	1215	1218	rBV	3446610	3086405	100.00%	11.992%
12	9.622	1277	1281	1284	rBV	780323	599100	19.41%	2.328%
13	9.910	1326	1330	1334	rBV	1018675	956427	30.99%	3.716%
14	10.316	1395	1399	1402	rBV	34590	40913	1.33%	0.159%
15	10.704	1460	1465	1468	rBV	2204779	1989259	64.45%	7.729%
16	11.398	1579	1583	1586	rBV	1147388	956593	30.99%	3.717%
17	11.780	1638	1648	1655	rBV6	26066	75949	2.46%	0.295%
18	11.921	1665	1672	1680	rBV	278277	319613	10.36%	1.242%
19	12.092	1699	1701	1709	rVB3	37446	46857	1.52%	0.182%
20	12.610	1786	1789	1793	rBV	51895	45177	1.46%	0.176%
21	12.704	1800	1805	1815	rBV3	73653	126813	4.11%	0.493%
22	12.833	1821	1827	1833	rVB3	88783	166261	5.39%	0.646%
23	12.986	1848	1853	1856	rVB	1650925	1570800	50.89%	6.103%
24	13.704	1968	1975	1980	rBV2	65502	113076	3.66%	0.439%
25	13.874	2000	2004	2010	rBV	106500	122347	3.96%	0.475%
26	14.039	2022	2032	2035	rBV	447023	400377	12.97%	1.556%
27	14.292	2065	2075	2081	rBV	93145	155471	5.04%	0.604%
28	14.504	2108	2111	2116	rVB2	38561	39482	1.28%	0.153%
29	14.809	2157	2163	2170	rBV	112866	165208	5.35%	0.642%
30	15.156	2218	2222	2224	rBV	43334	53433	1.73%	0.208%
31	15.374	2253	2259	2265	rBV3	43870	92974	3.01%	0.361%
32	15.521	2278	2284	2293	rBV	433616	672349	21.78%	2.612%
33	15.974	2357	2361	2365	rBV	65430	99856	3.24%	0.388%
34	16.486	2441	2448	2454	rBV4	88708	215259	6.97%	0.836%

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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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35	17.186	2562	2567	2568	rBV5	31762	52422	1.70%	0.204%
36	17.445	2607	2611	2617	rBV8	20087	43483	1.41%	0.169%
37	17.509	2620	2622	2624	rBV3	29164	35404	1.15%	0.138%
38	18.780	2834	2838	2841	rBV5	23429	38467	1.25%	0.149%

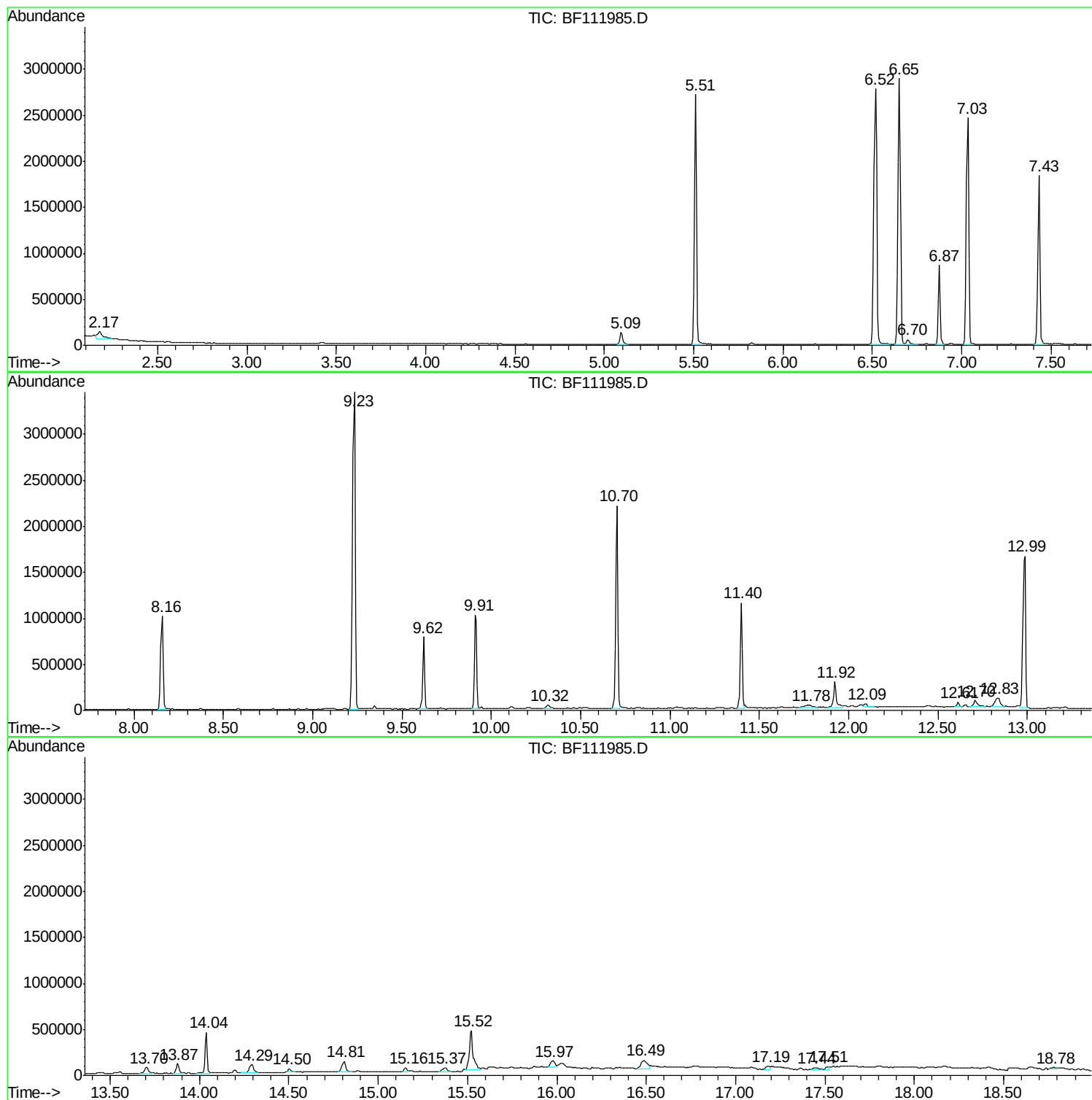
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BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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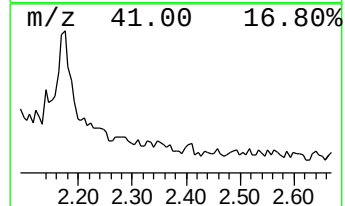
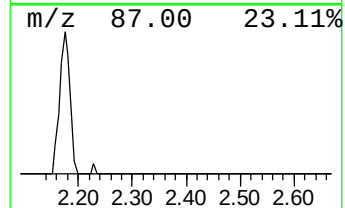
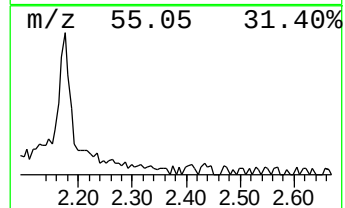
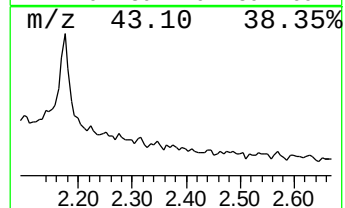
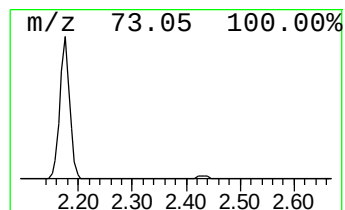
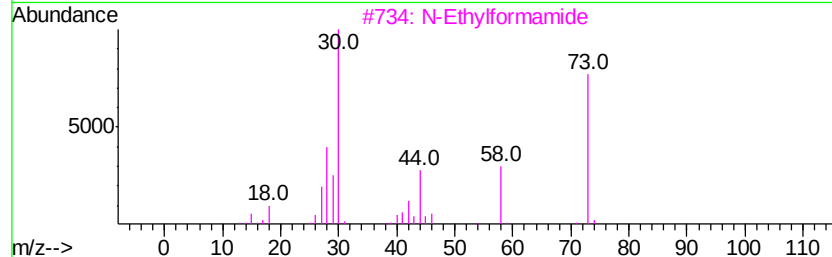
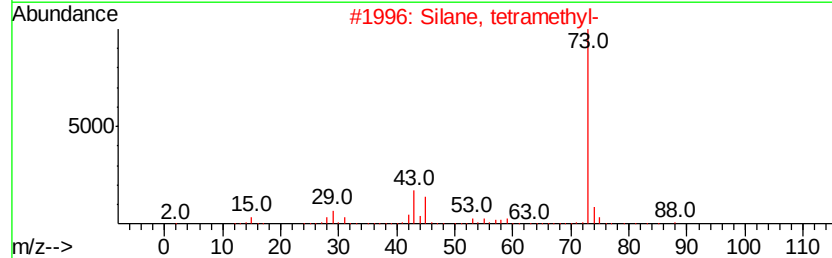
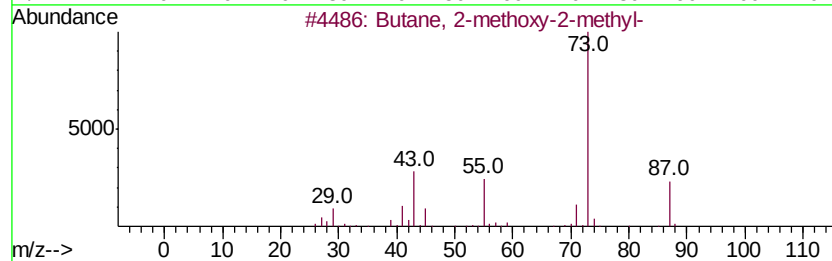
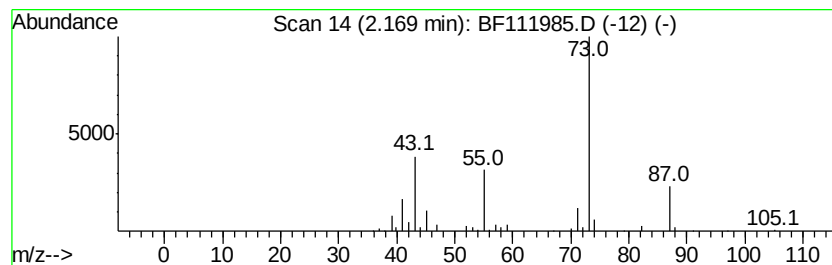
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.17	4.45 ng	150022	1,4-Dichlorobenzene-d4	6.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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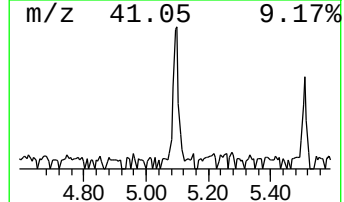
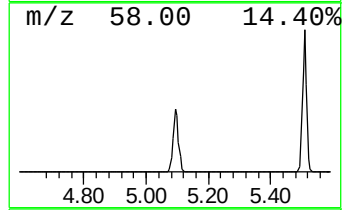
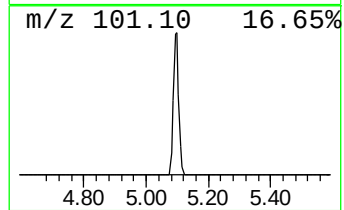
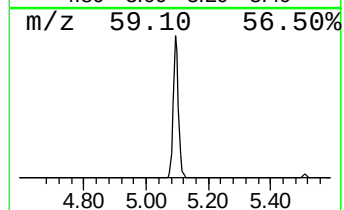
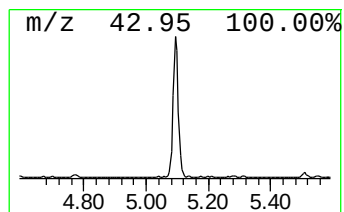
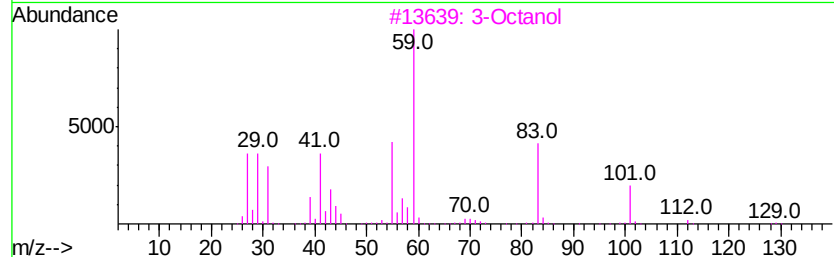
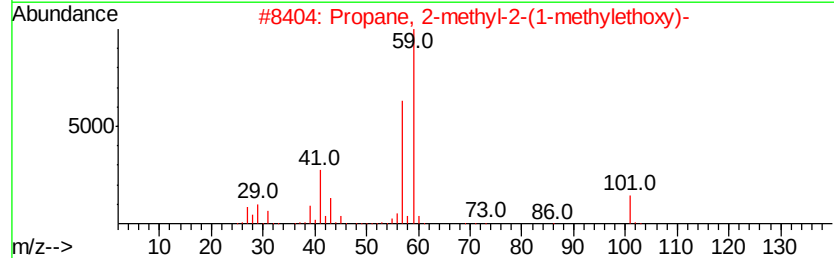
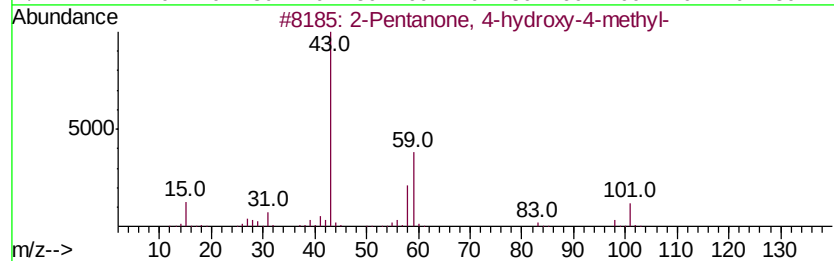
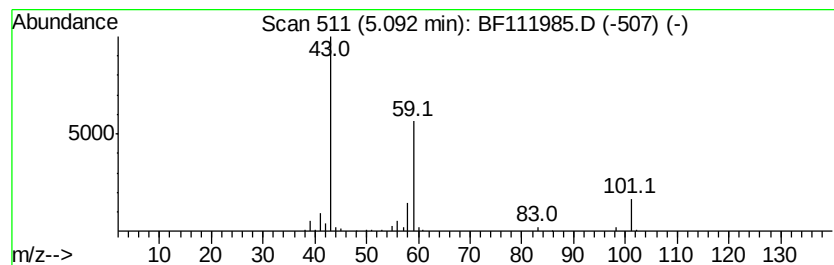
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.09	4.46 ng	150470	1,4-Dichlorobenzene-d4	6.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33



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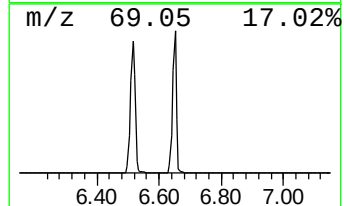
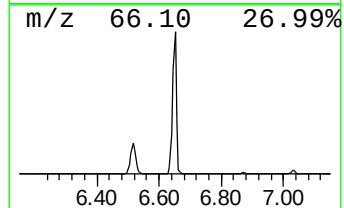
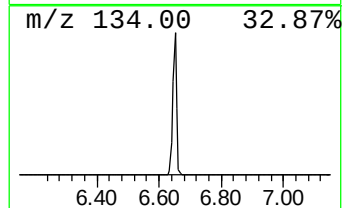
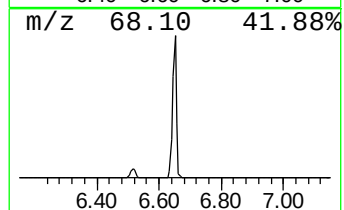
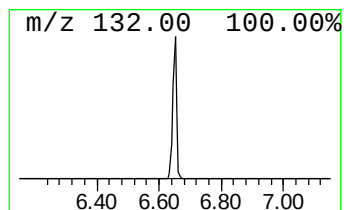
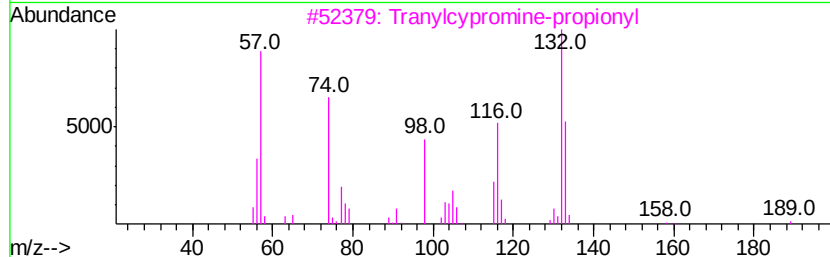
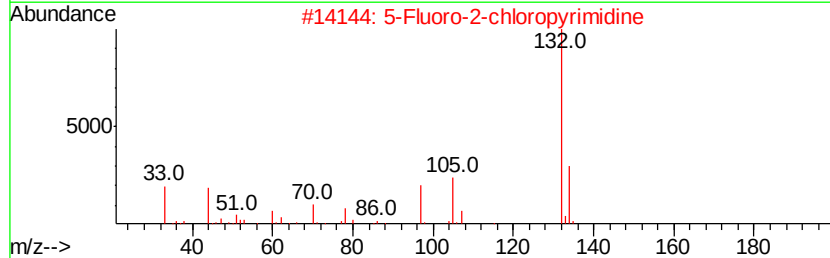
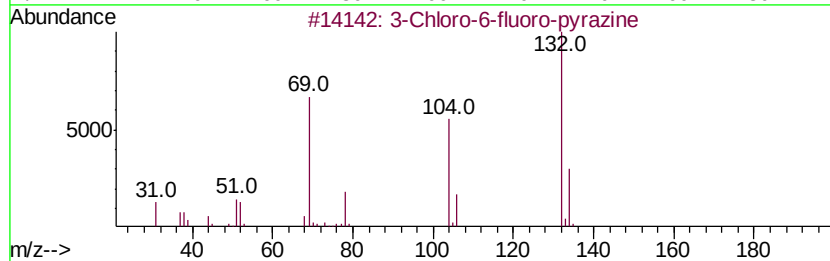
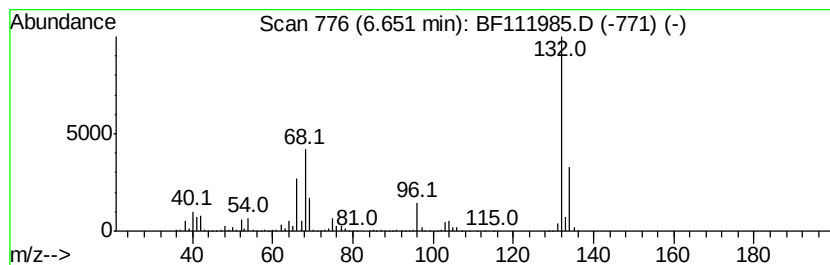
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	74.34 ng	2508640	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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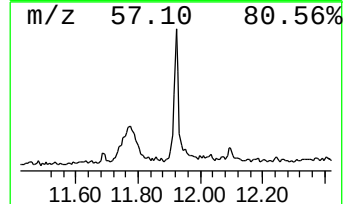
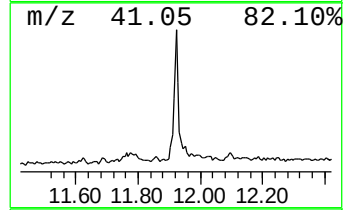
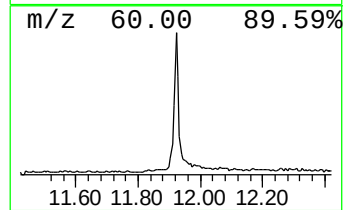
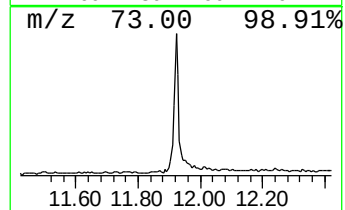
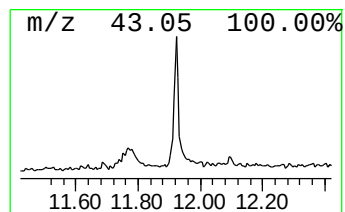
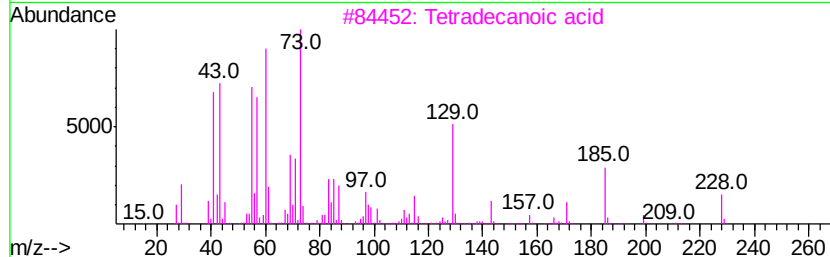
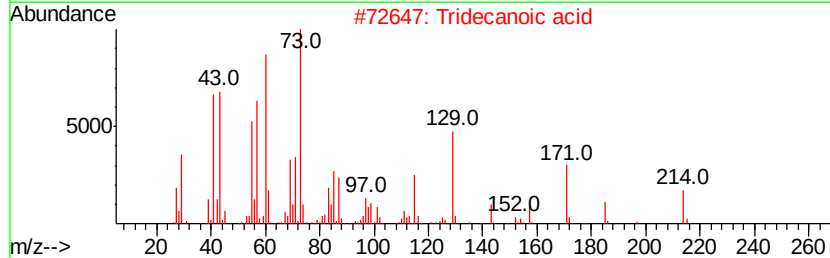
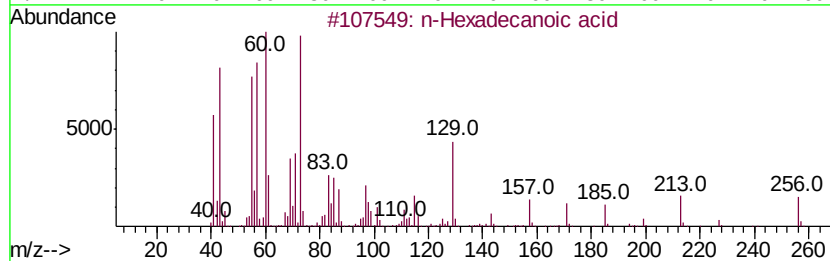
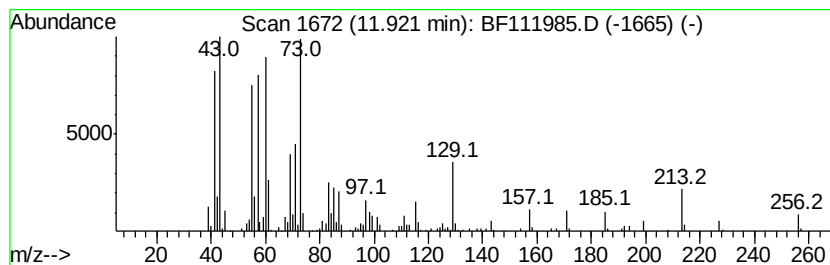
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	6.68 ng	319613	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25



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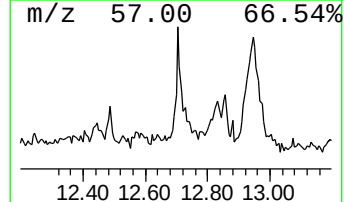
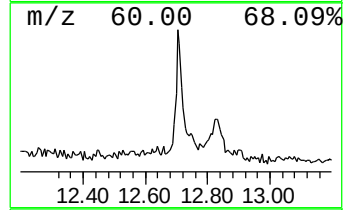
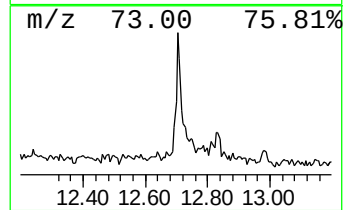
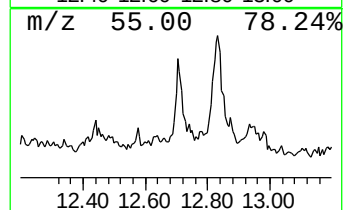
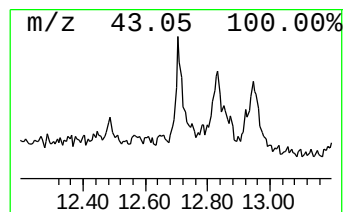
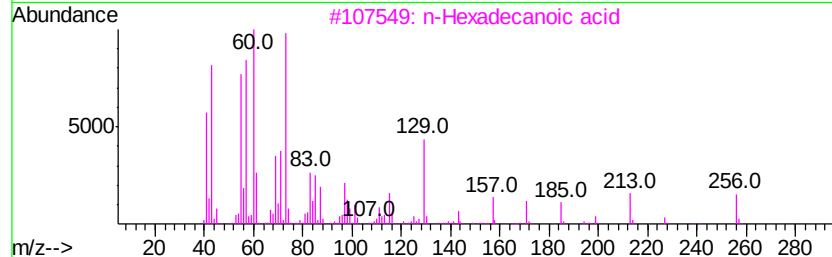
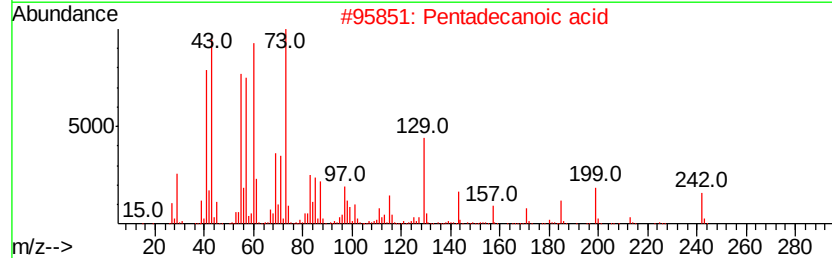
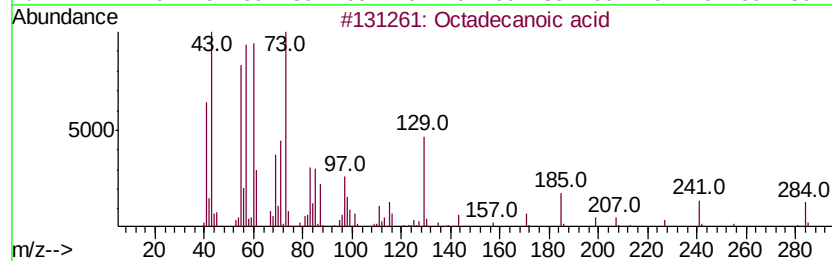
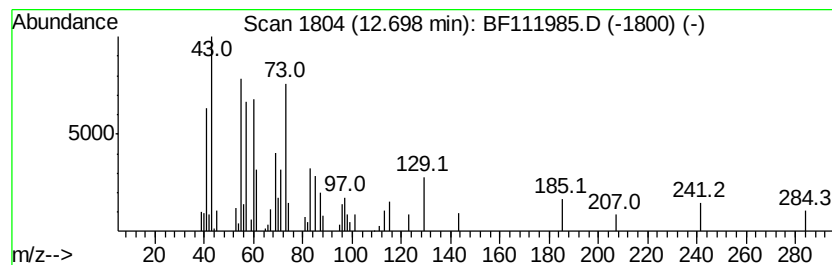
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	2.65 ng	126813	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
Operator : JU/SJ
Sample : K1082-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-1-5

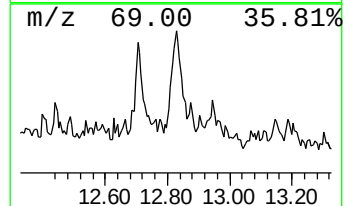
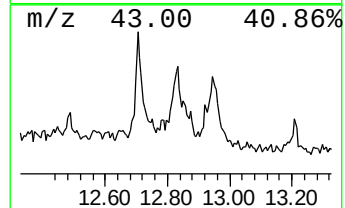
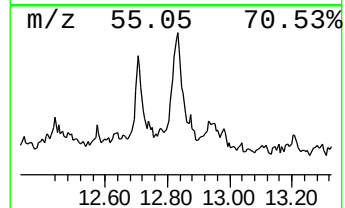
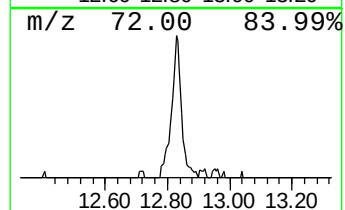
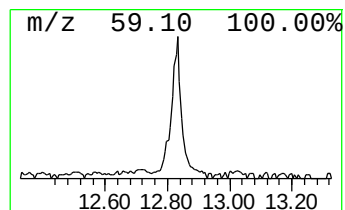
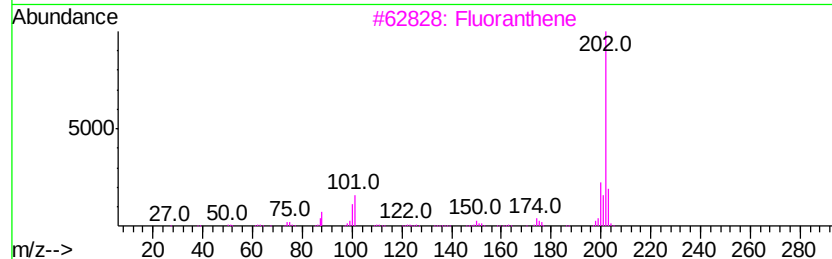
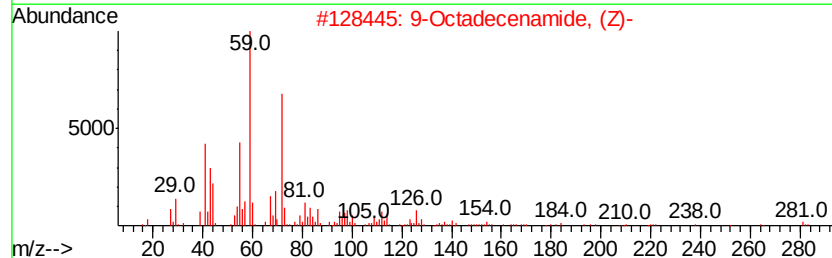
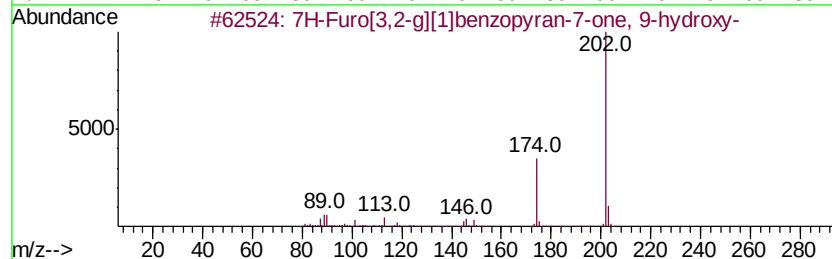
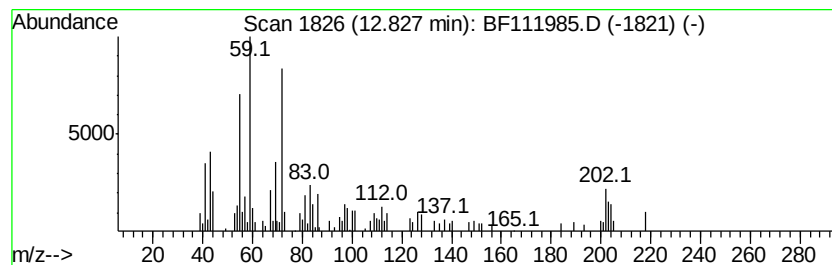
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	8.31 ng	166261	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	50
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	46
3		Fluoranthene	202	C16H10	000206-44-0	42
4		Pvrene	202	C16H10	000129-00-0	38
5		Tetradecanamide	227	C14H29NO	000638-58-4	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
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Sample : K1082-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

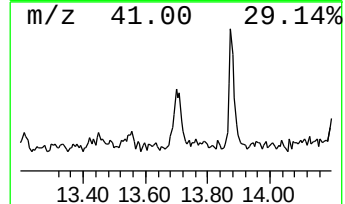
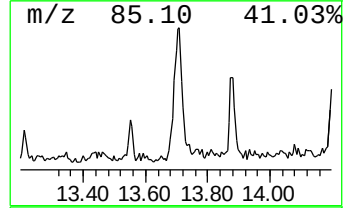
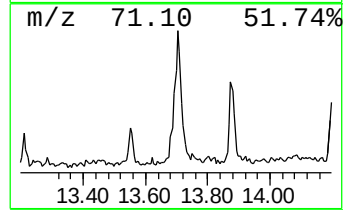
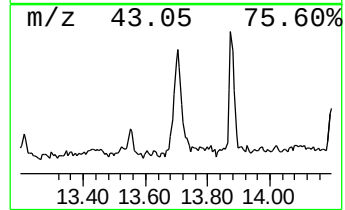
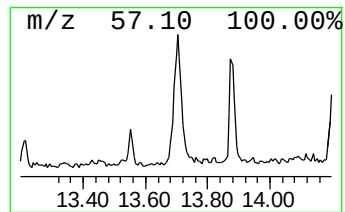
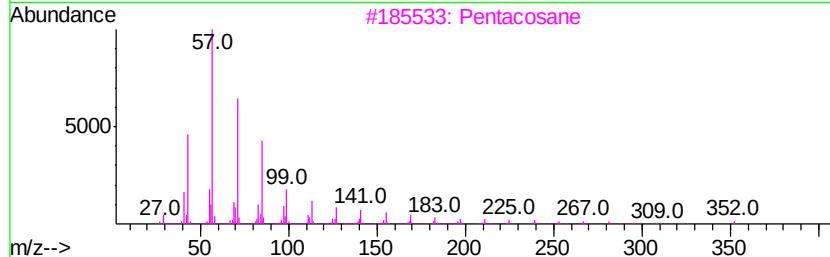
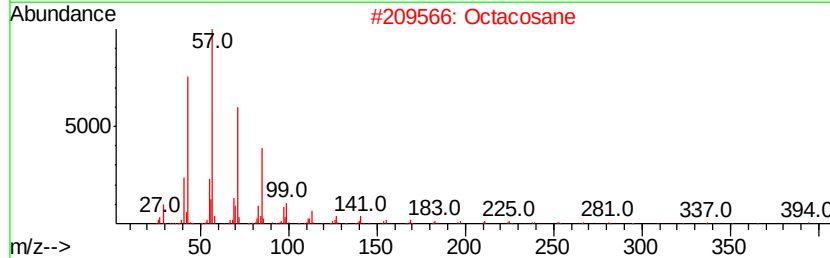
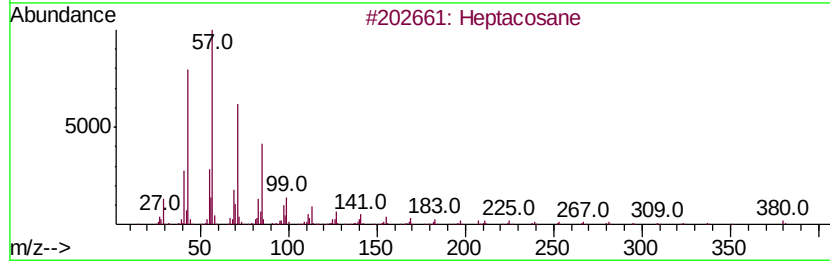
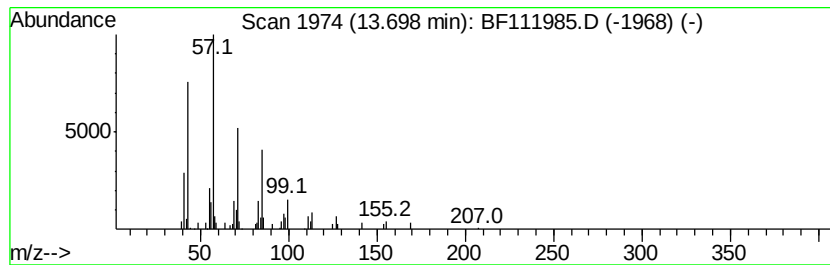
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.70	5.65 ng	113076	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
Operator : JU/SJ
Sample : K1082-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

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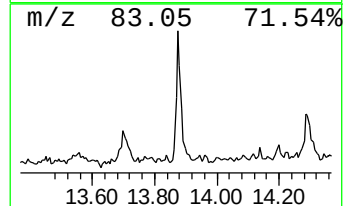
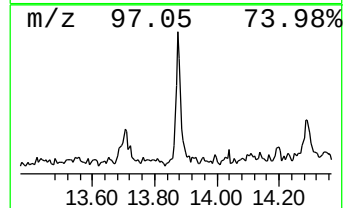
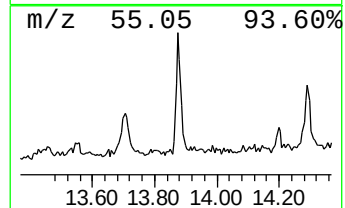
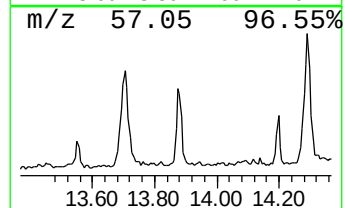
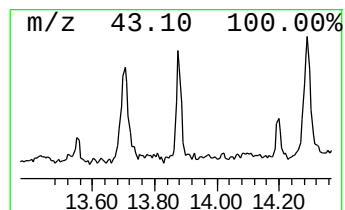
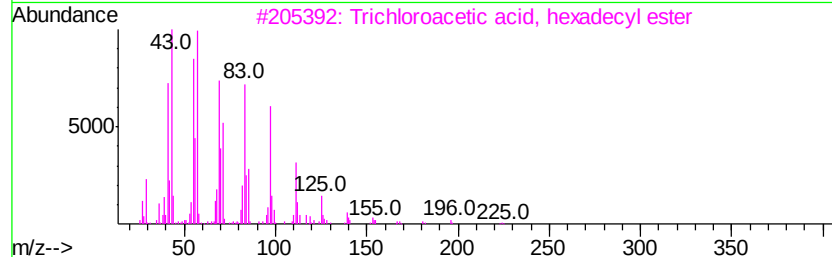
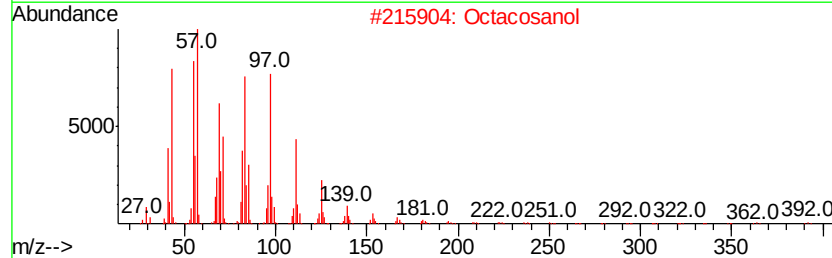
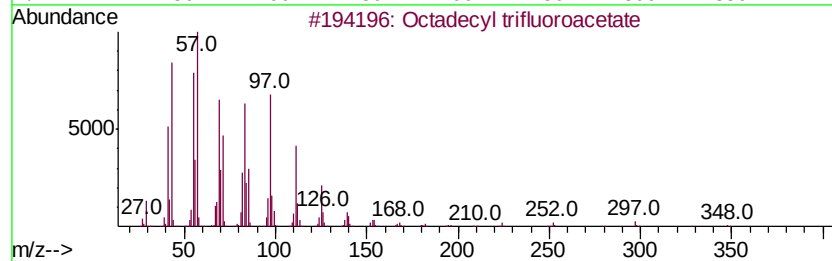
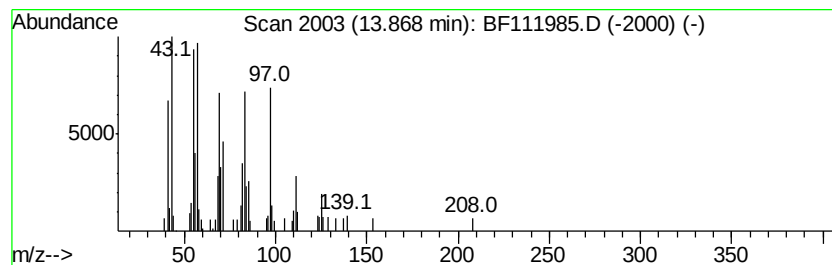
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecyl trifluoroacetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.11 ng	122347	Chrysene-d12	14.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2		Octacosanol	410	C28H58O	000557-61-9	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
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Sample : K1082-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

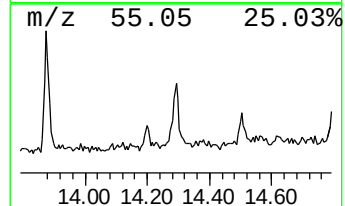
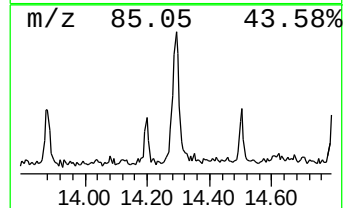
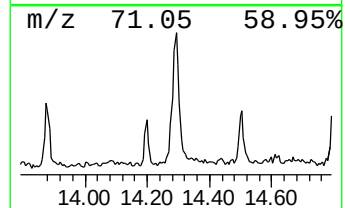
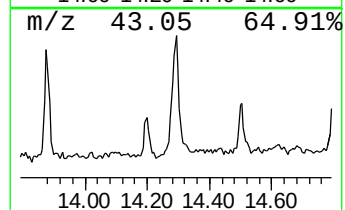
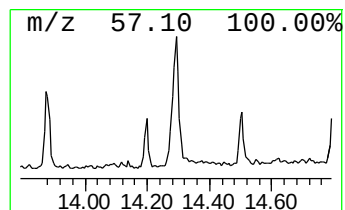
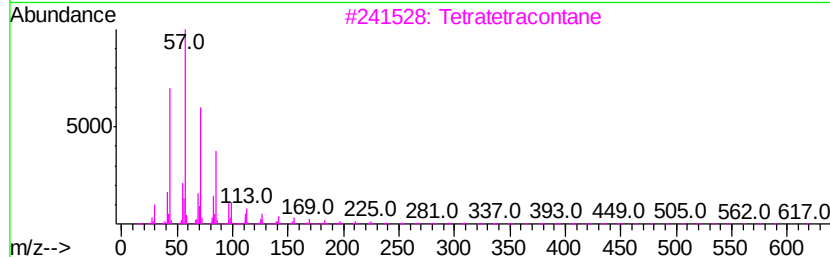
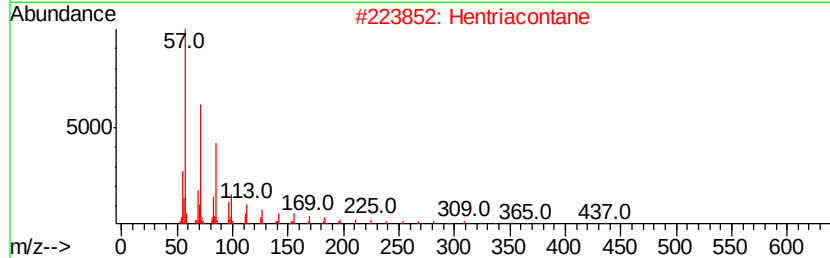
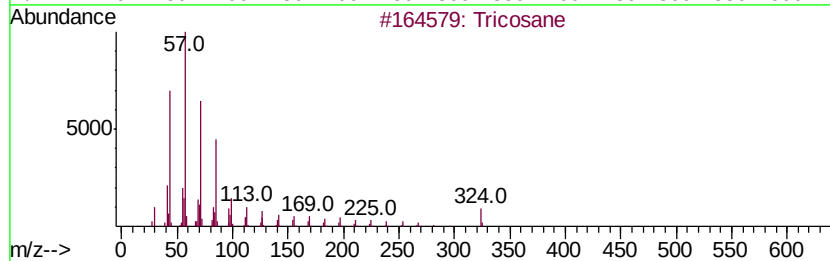
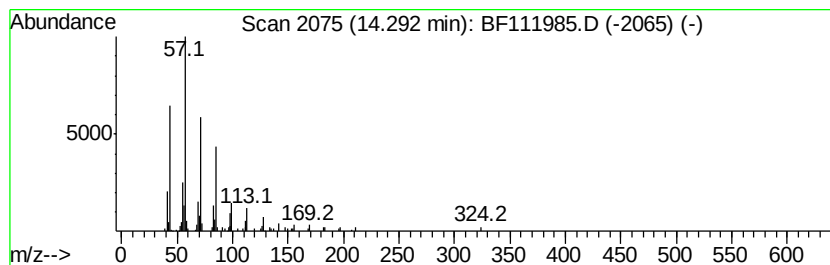
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tricosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.29	7.77 ng	155471	Chrysene-d12	14.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
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Misc :
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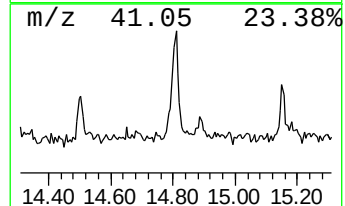
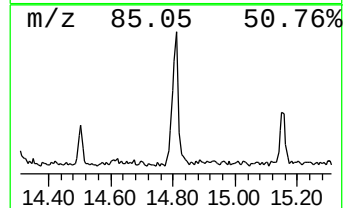
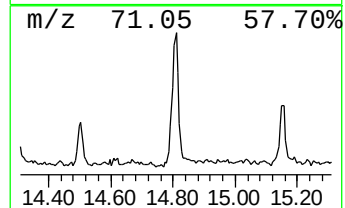
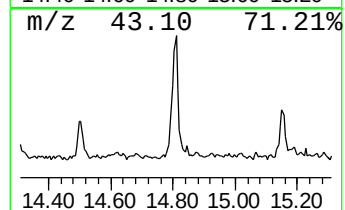
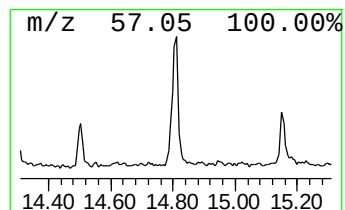
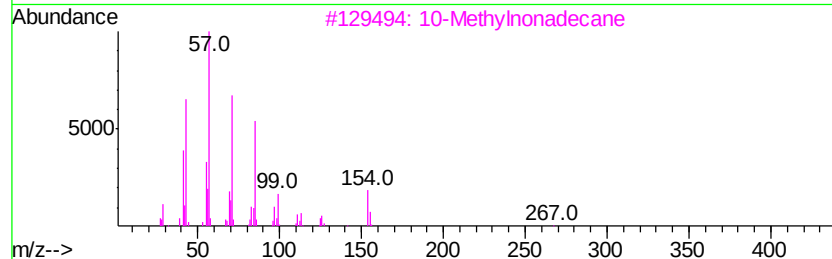
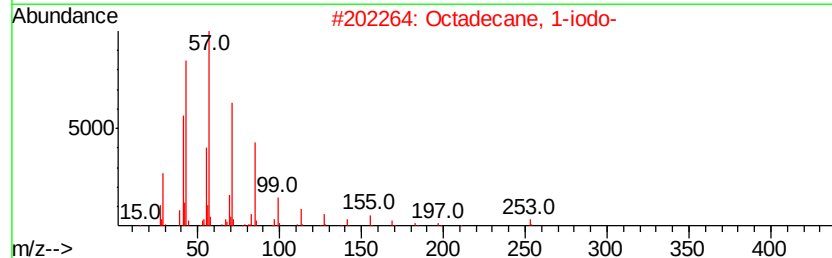
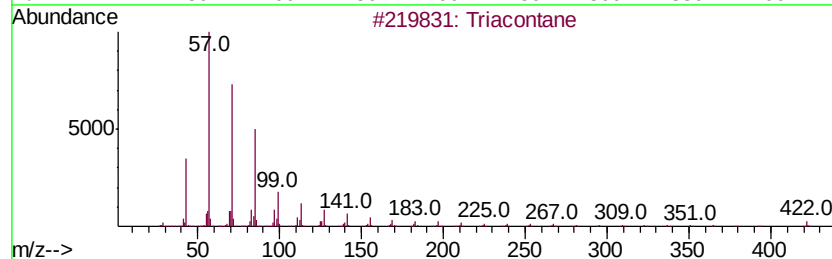
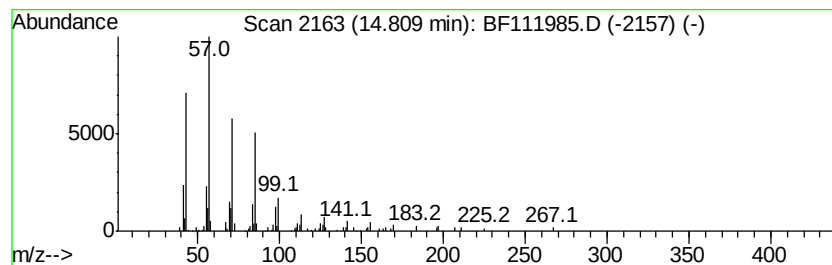
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	4.91 ng	165208	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3		10-Methylnonadecane	282	C20H42	056862-62-5	86
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5		Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
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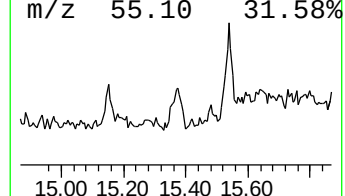
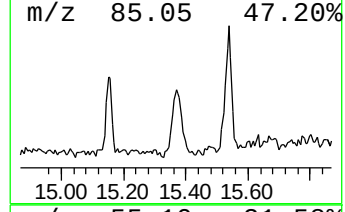
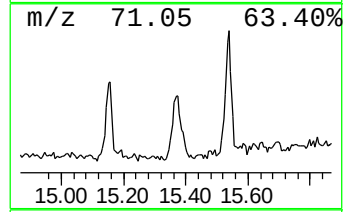
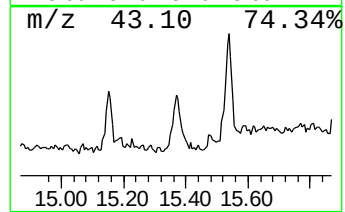
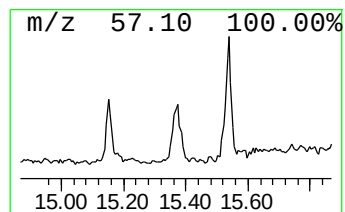
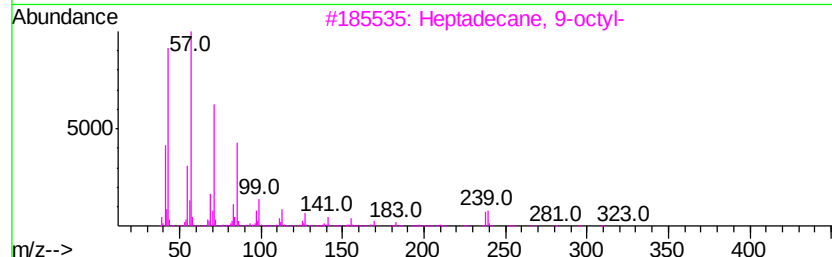
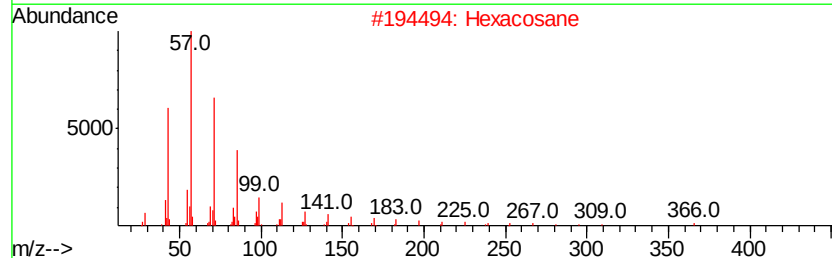
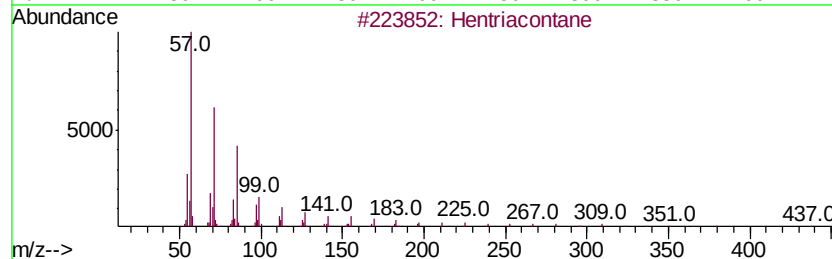
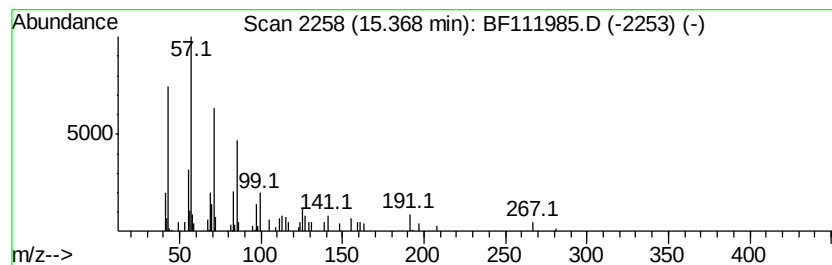
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	2.77 ng	92974	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	87
2		Hexacosane	366	C26H54	000630-01-3	83
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111985.D
Acq On : 10 Jan 2019 14:17
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Misc :
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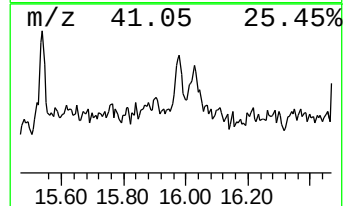
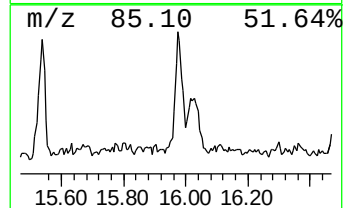
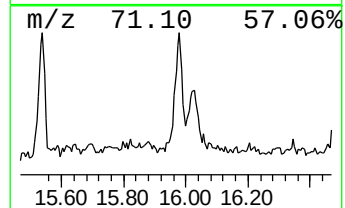
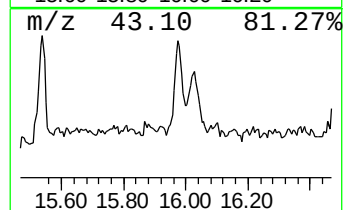
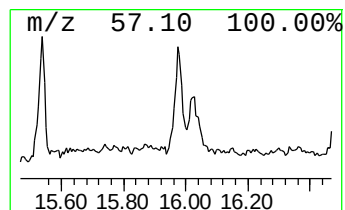
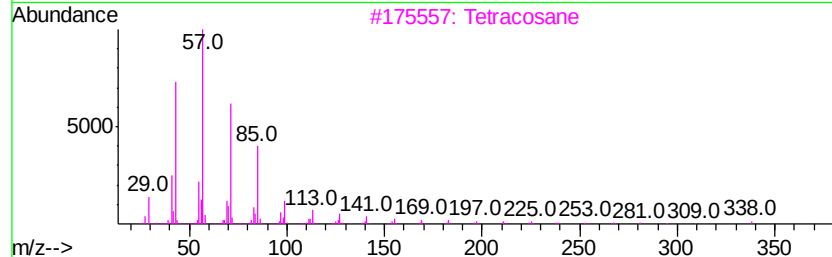
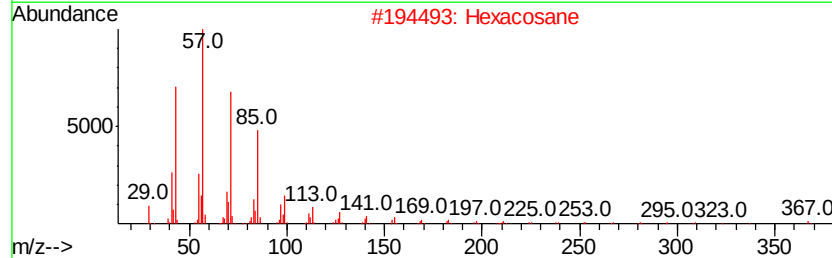
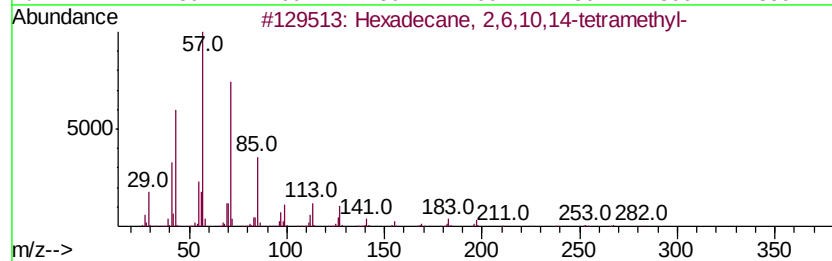
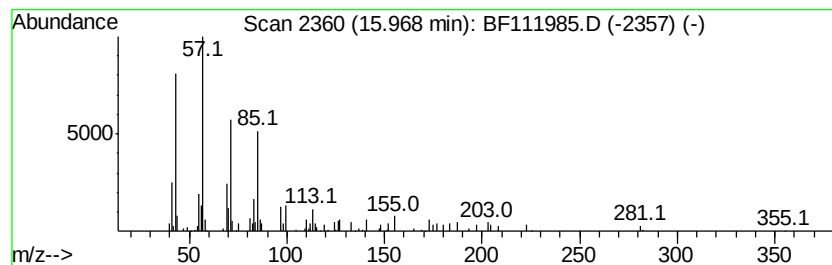
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.97 ng	99856	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	89
2			Hexacosane	366	C26H54	000630-01-3	87
3			Tetracosane	338	C24H50	000646-31-1	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
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Acq On : 10 Jan 2019 14:17
Operator : JU/SJ
Sample : K1082-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

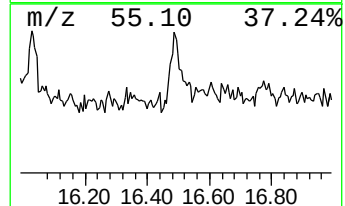
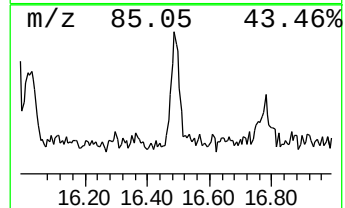
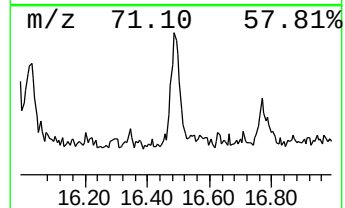
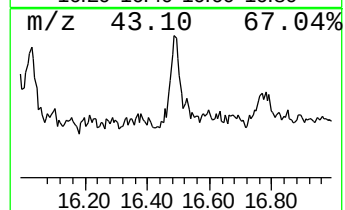
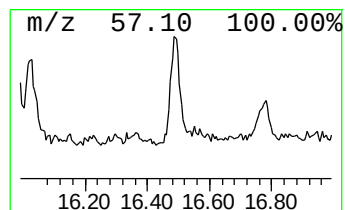
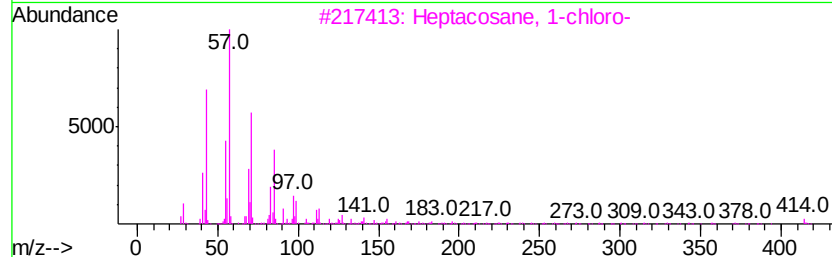
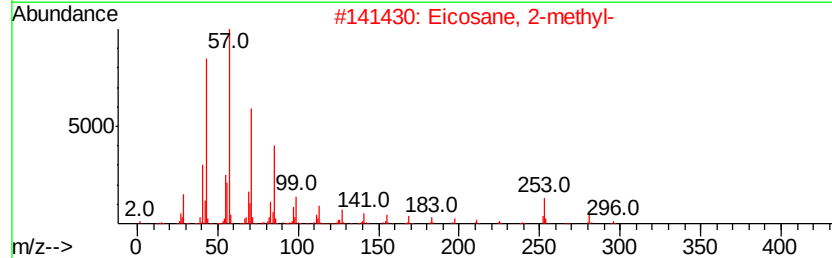
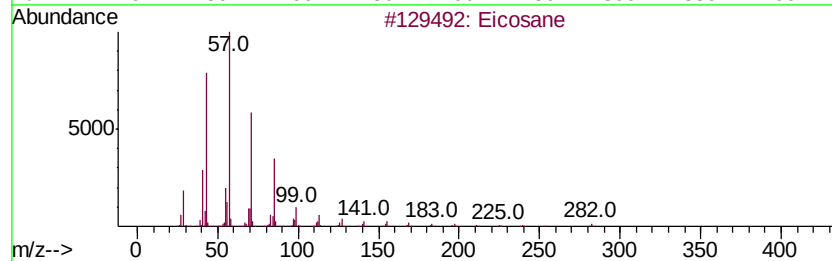
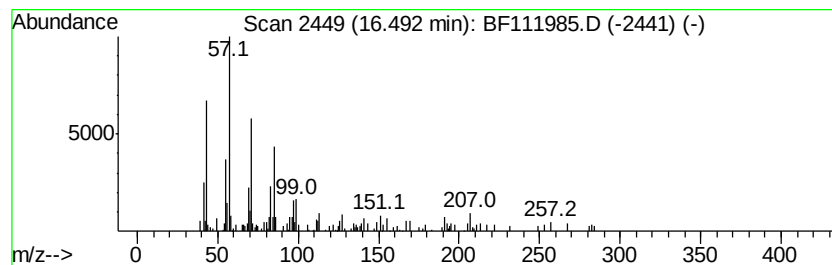
Instrument :
BNA_F
ClientSampleId :
SP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	6.40 ng	215259	Perylene-d12	15.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Eicosane, 2-methyl-	296 C21H44	001560-84-5	60
3	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	58
4	Hentriacontane	437 C31H64	000630-04-6	58
5	Sulfurous acid, butyl tridecyl e...	320 C17H36O3S	1000309-18-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
 Data File : BF111985.D
 Acq On : 10 Jan 2019 14:17
 Operator : JU/SJ
 Sample : K1082-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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...	2.17	4.5	ng	150022	1	6.87	674924	20.0
2-Pentanone, 4-hy...	5.09	4.5	ng	150470	1	6.87	674924	20.0
unknown6.65	6.65	74.3	ng	2508640	1	6.87	674924	20.0
n-Hexadecanoic acid	11.92	6.7	ng	319613	4	11.40	956593	20.0
Octadecanoic acid	12.70	2.6	ng	126813	4	11.40	956593	20.0
7H-Furo[3,2-g][1]...	12.83	8.3	ng	166261	5	14.04	400377	20.0
Heptacosane	13.70	5.7	ng	113076	5	14.04	400377	20.0
Octadecyl trifluo...	13.87	6.1	ng	122347	5	14.04	400377	20.0
Tricosane	14.29	7.8	ng	155471	5	14.04	400377	20.0
Triacontane	14.81	4.9	ng	165208	6	15.52	672349	20.0
Hentriacontane	15.37	2.8	ng	92974	6	15.52	672349	20.0
Hexadecane, 2,6,1...	15.97	3.0	ng	99856	6	15.52	672349	20.0
Eicosane	16.49	6.4	ng	215259	6	15.52	672349	20.0