

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
 Data File : BF116318.D
 Acq On : 16 Aug 2019 13:20
 Operator : HP/JU
 Sample : K4340-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

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-BF073019.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	5.445	567	571	600	rBV	2171609	2696564	75.52%	9.108%
2	6.457	740	743	762	rBV	2627496	2834121	79.38%	9.573%
3	6.592	762	766	784	rVB	3052193	2854601	79.95%	9.642%
4	6.816	801	804	816	rVB	615319	607355	17.01%	2.052%
5	6.975	827	831	851	rBV	2217401	2201361	61.65%	7.436%
6	7.380	897	900	931	rBV	1802303	1840173	51.54%	6.216%
7	8.098	1019	1022	1048	rVB	751222	772366	21.63%	2.609%
8	9.169	1200	1204	1216	rBV	3652587	3249184	91.00%	10.975%
9	9.563	1268	1271	1293	rBV	292482	352296	9.87%	1.190%
10	9.845	1316	1319	1333	rBV	970940	940766	26.35%	3.178%
11	10.639	1450	1454	1470	rBV	1965379	2075301	58.12%	7.010%
12	11.333	1569	1572	1581	rBV	918023	993367	27.82%	3.355%
13	11.404	1581	1584	1592	rVB	57726	62124	1.74%	0.210%
14	12.915	1837	1841	1844	rBV	3803722	3570545	100.00%	12.060%
15	13.804	1988	1992	2009	rBV	229526	442939	12.41%	1.496%
16	13.980	2018	2022	2034	rBV	740881	809962	22.68%	2.736%
17	14.121	2042	2046	2049	rBV	113080	103910	2.91%	0.351%
18	14.421	2094	2097	2101	rBV	251321	223123	6.25%	0.754%
19	14.721	2144	2148	2157	rBV	399844	370201	10.37%	1.250%
20	14.798	2157	2161	2166	rVB	165808	162576	4.55%	0.549%
21	15.051	2199	2204	2211	rBV	417499	463364	12.98%	1.565%
22	15.415	2261	2266	2268	rBV	396383	550637	15.42%	1.860%
23	15.439	2268	2270	2285	rVB	478872	665625	18.64%	2.248%
24	15.833	2332	2337	2345	rBV	285247	416061	11.65%	1.405%
25	16.321	2414	2420	2429	rBV	149839	256441	7.18%	0.866%
26	16.892	2510	2517	2527	rBV	44673	90323	2.53%	0.305%

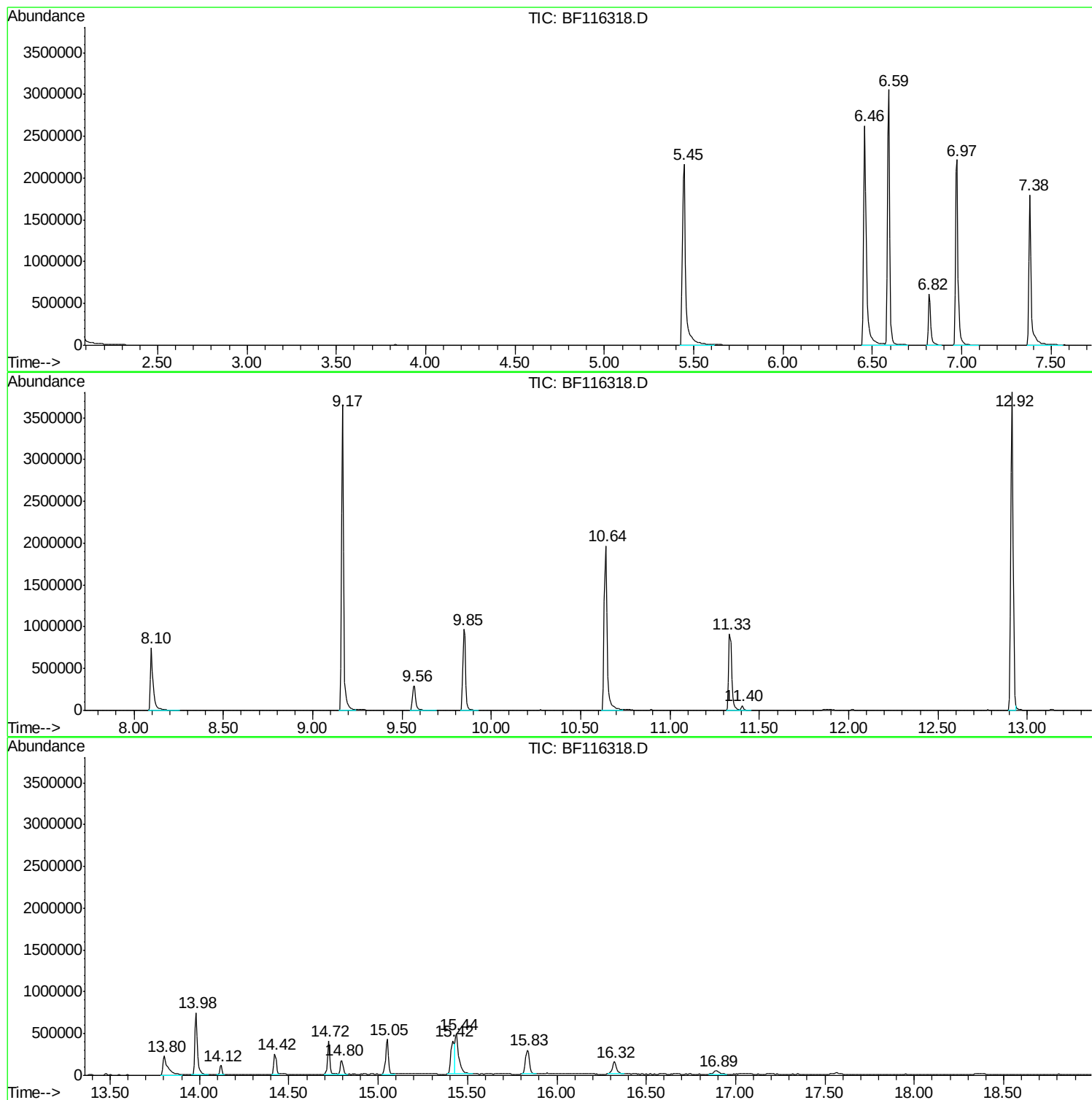
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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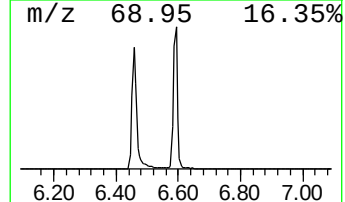
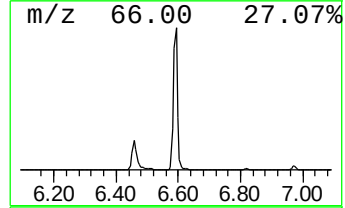
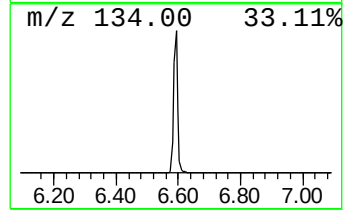
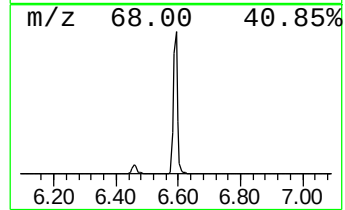
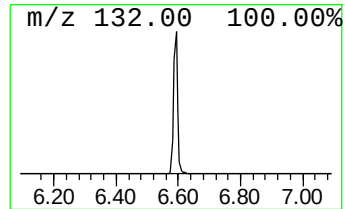
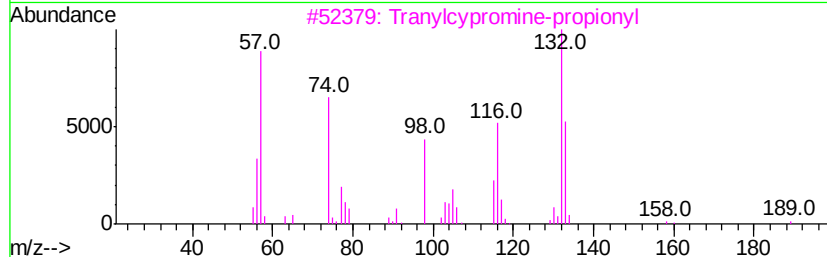
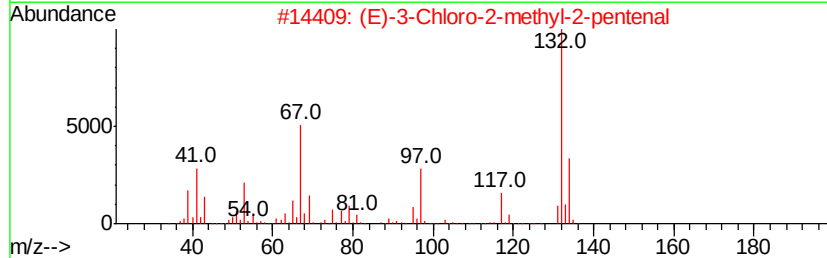
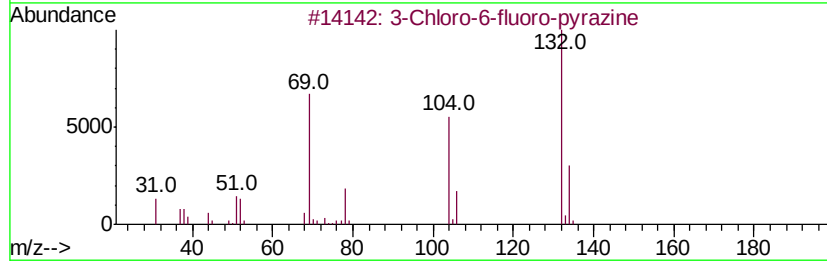
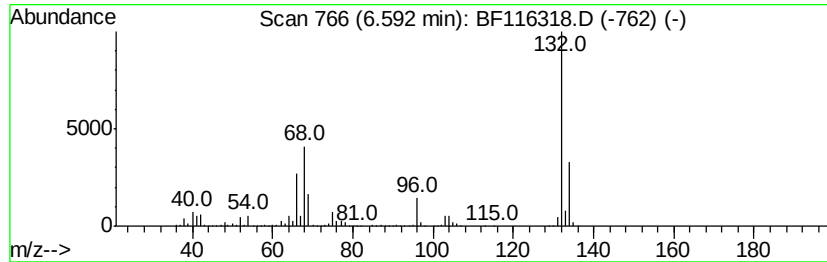
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	94.00 ng	2854600	1,4-Dichlorobenzene-d4	6.82

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		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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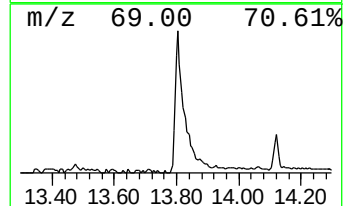
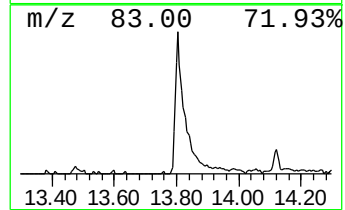
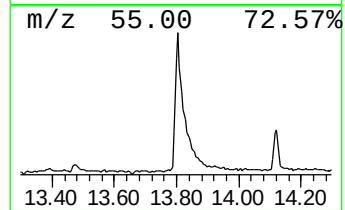
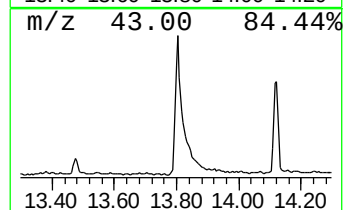
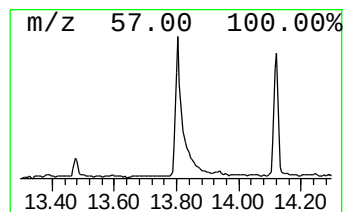
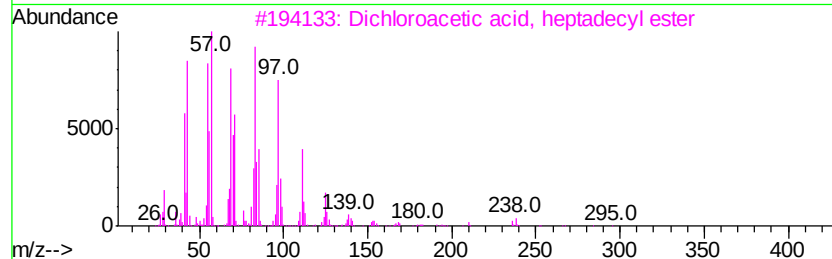
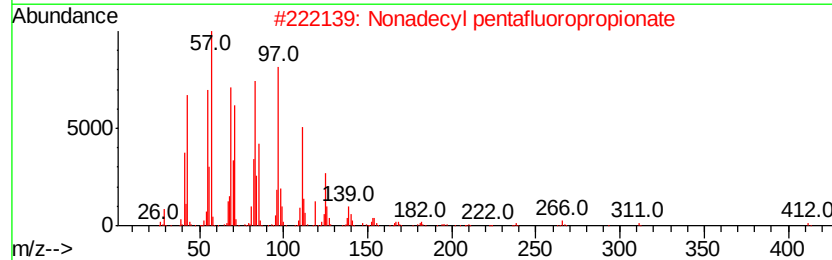
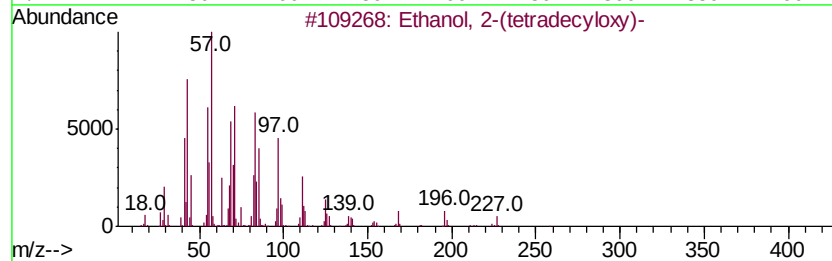
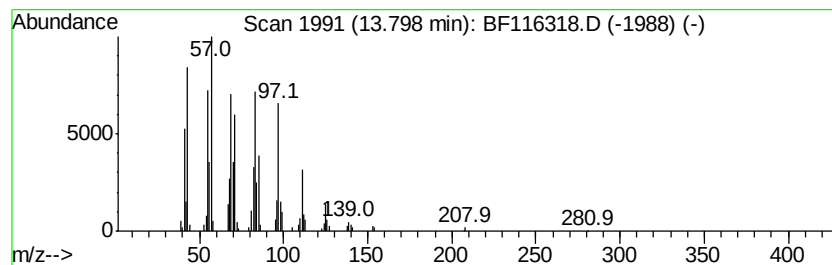
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Ethanol, 2-(tetradecyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.80	10.94 ng	442939	Chrysene-d12	13.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	81
5		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	81



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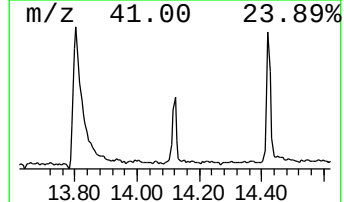
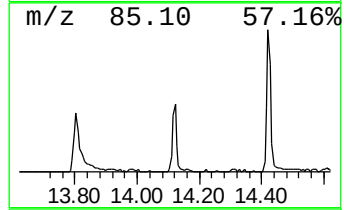
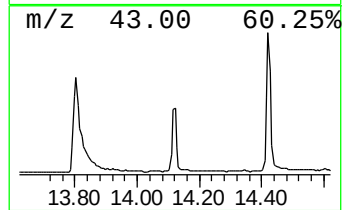
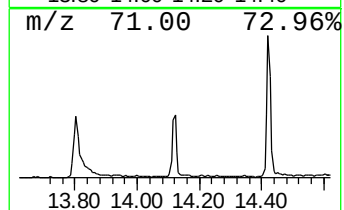
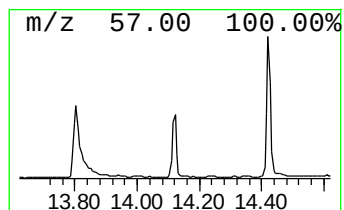
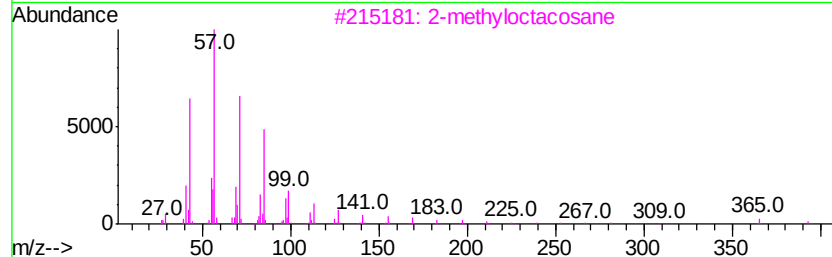
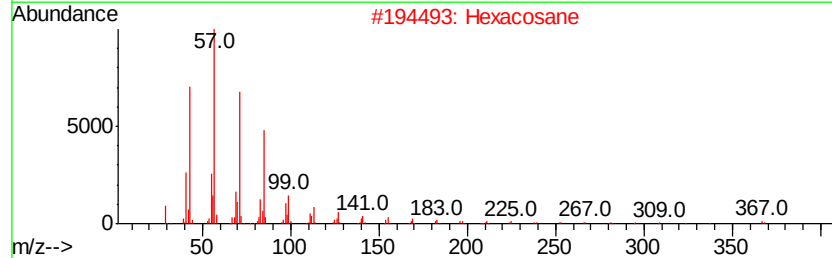
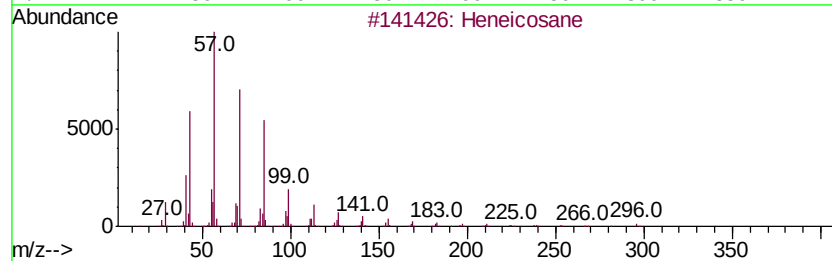
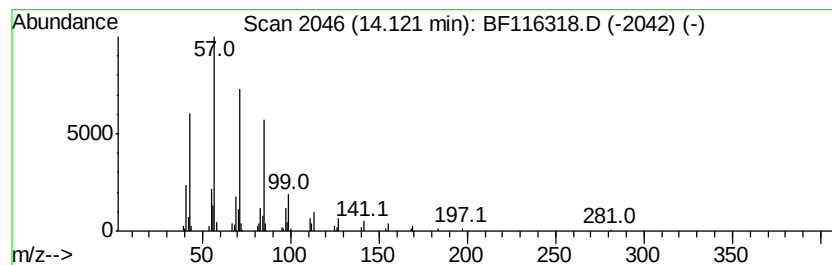
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.57 ng	103910	Chrysene-d12	13.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	86
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	86



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Misc :
ALS Vial : 12 Sample Multiplier: 1

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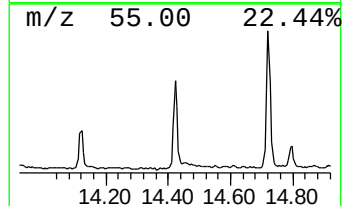
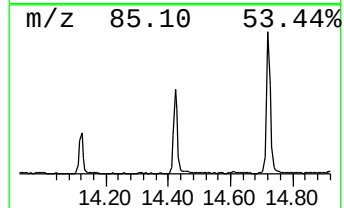
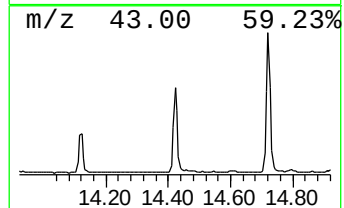
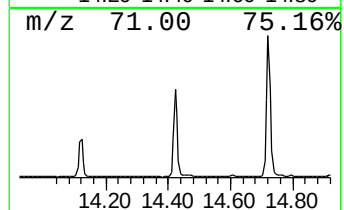
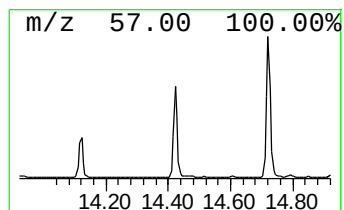
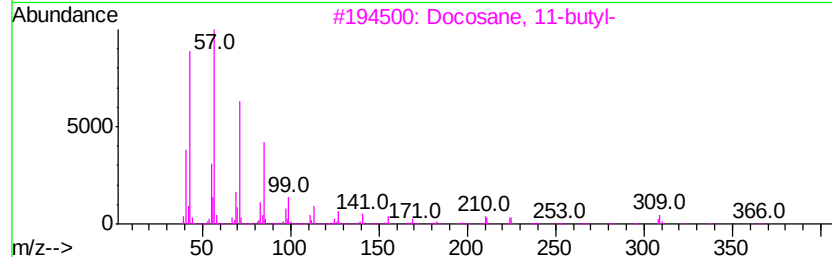
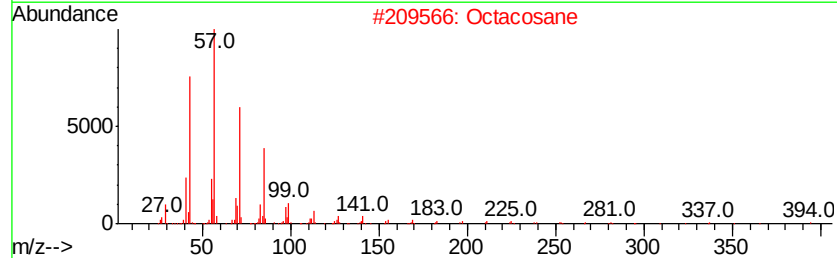
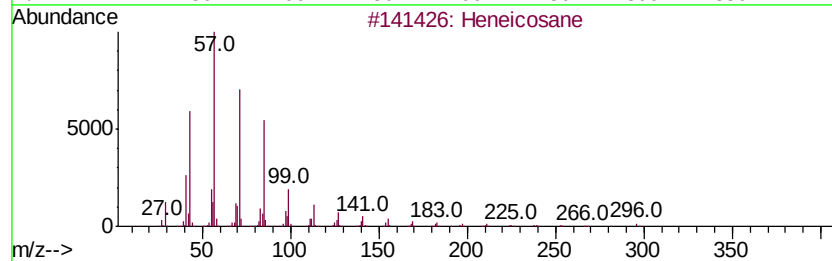
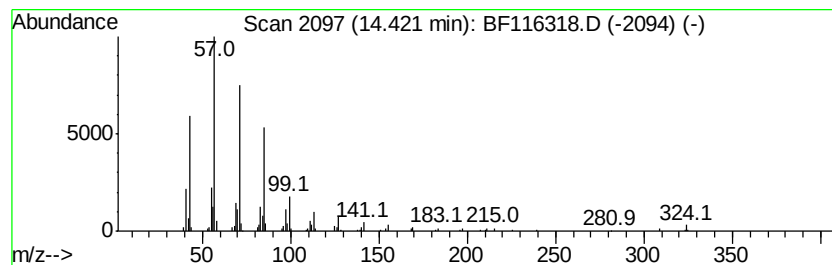
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	5.51 ng	223123	Chrysene-d12	13.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90



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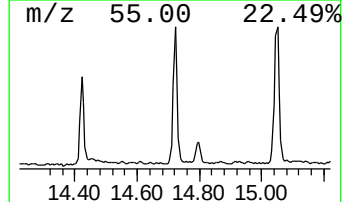
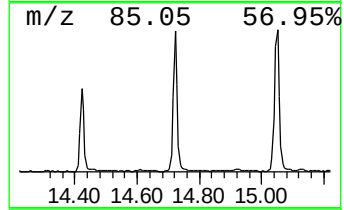
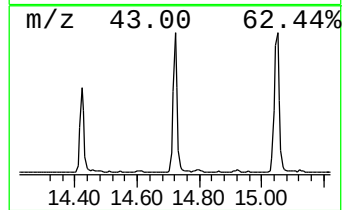
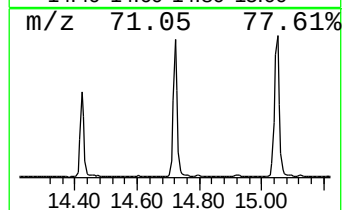
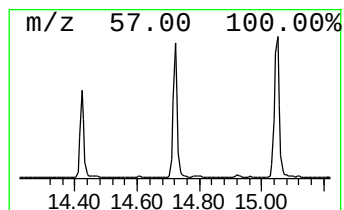
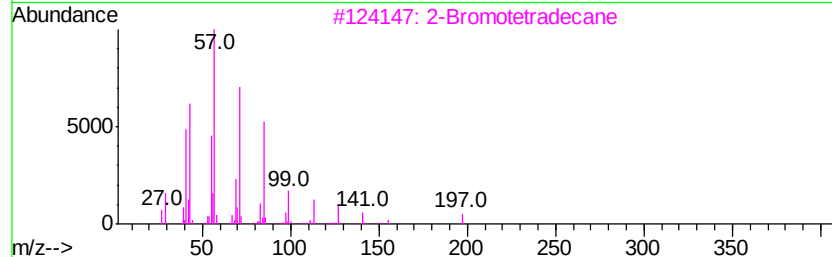
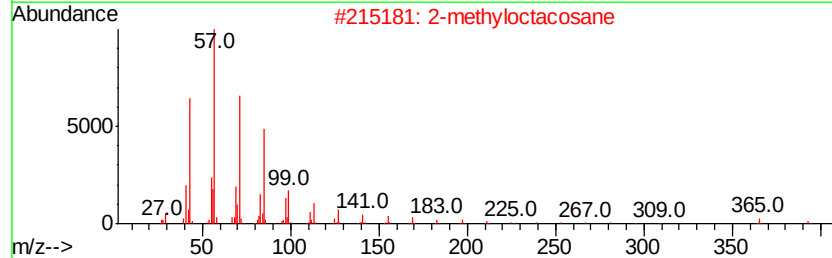
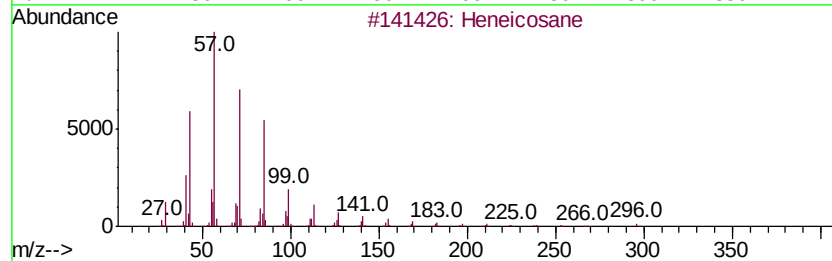
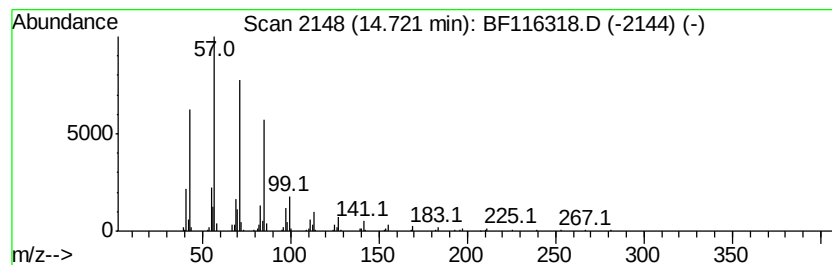
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	11.12 ng	370201	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Octadecane	254	C18H38	000593-45-3	87



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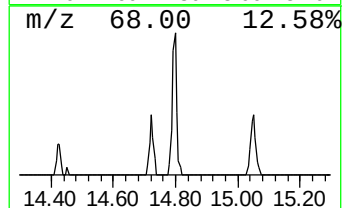
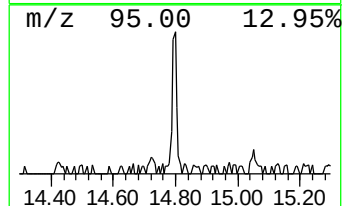
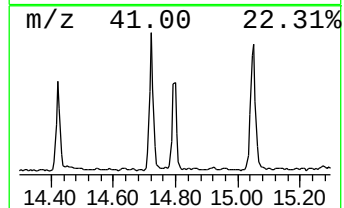
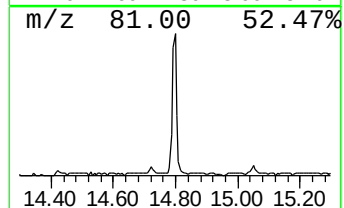
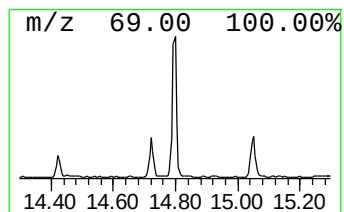
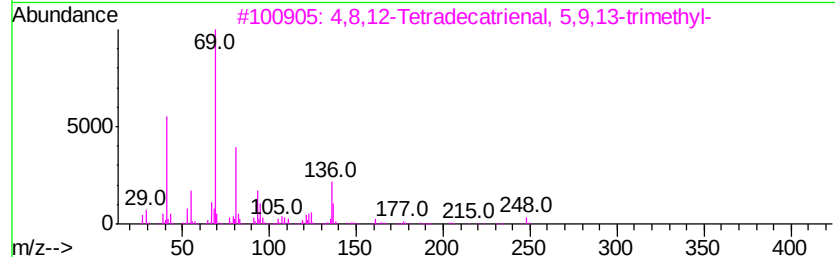
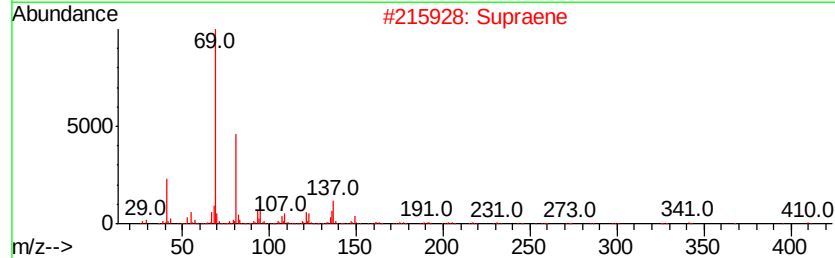
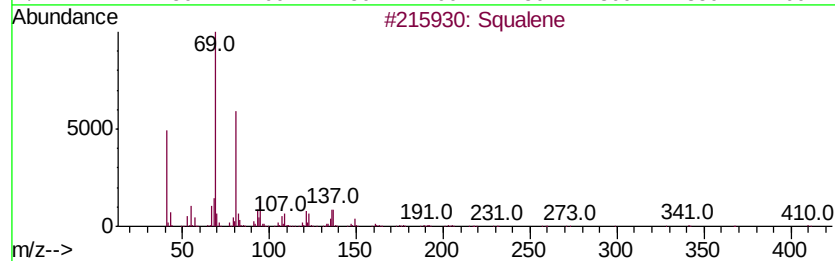
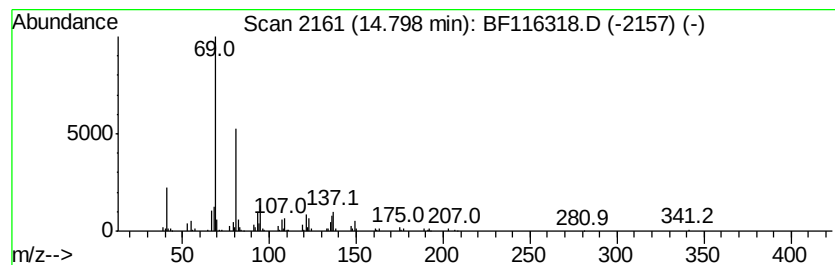
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	4.88 ng	162576	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	80
4		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72
5		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116318.D
Acq On : 16 Aug 2019 13:20
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

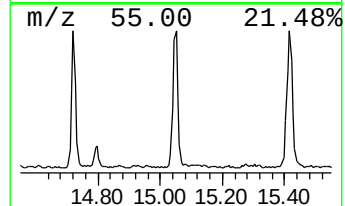
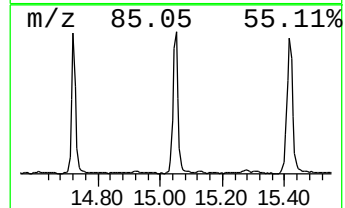
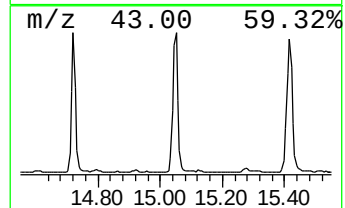
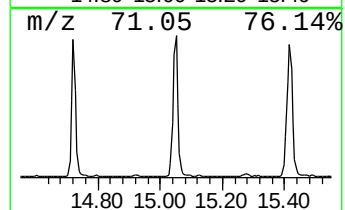
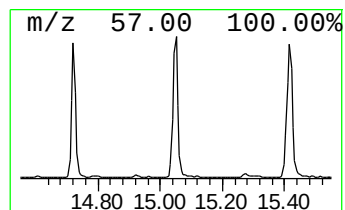
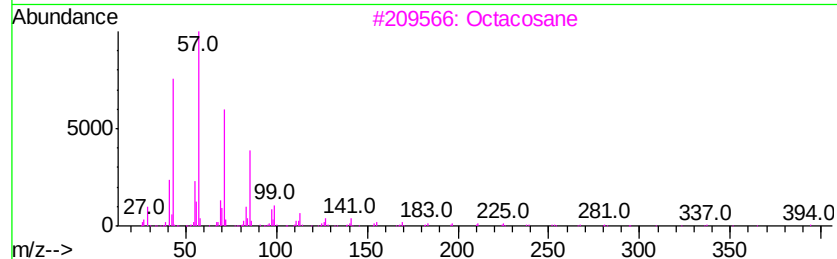
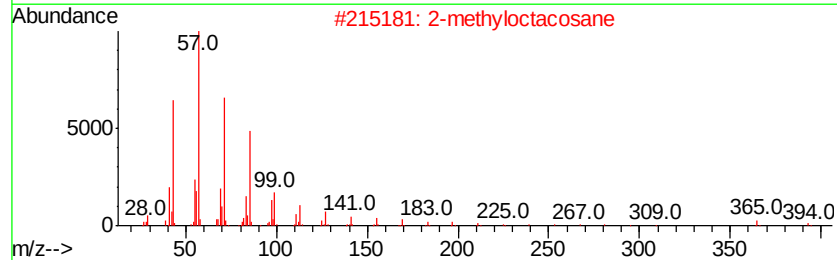
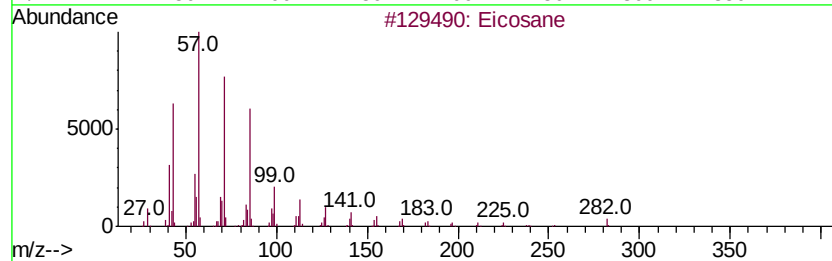
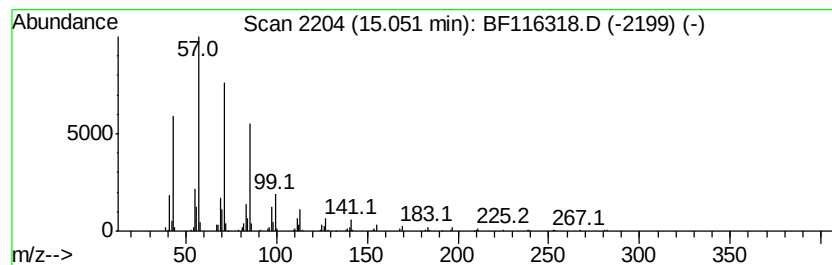
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	13.92 ng	463364	Perylene-d12	15.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	95
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	Octacosane		394	C28H58	000630-02-4	91
4	Heneicosane		296	C21H44	000629-94-7	91
5	Tetracosane		338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116318.D
Acq On : 16 Aug 2019 13:20
Operator : HP/JU
Sample : K4340-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

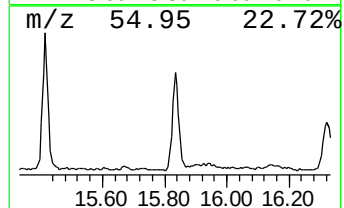
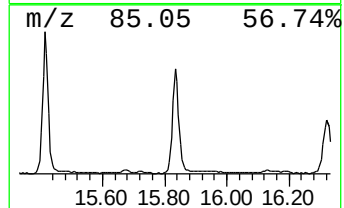
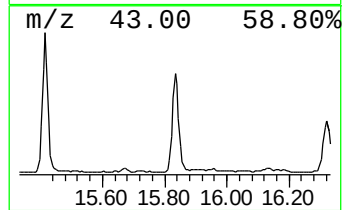
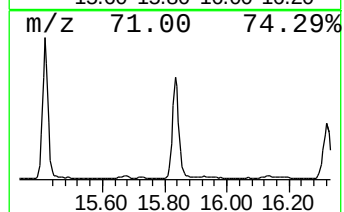
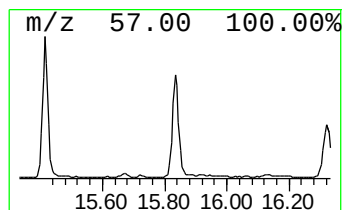
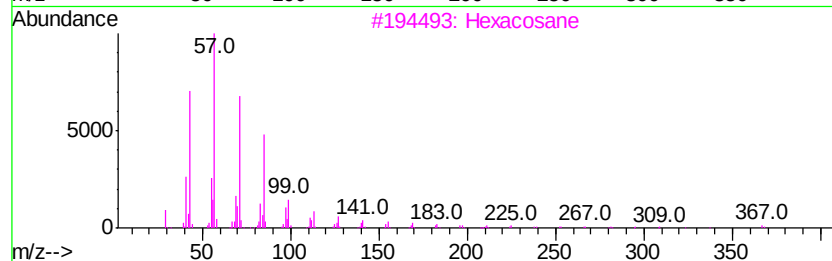
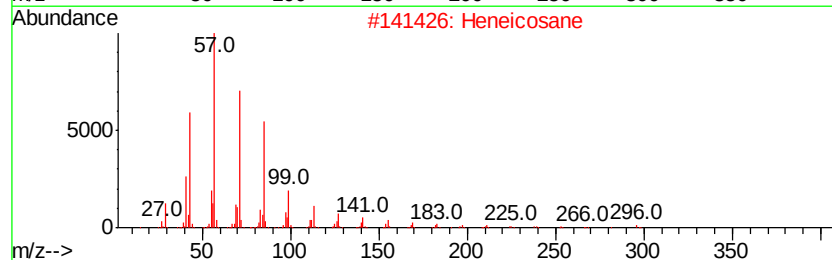
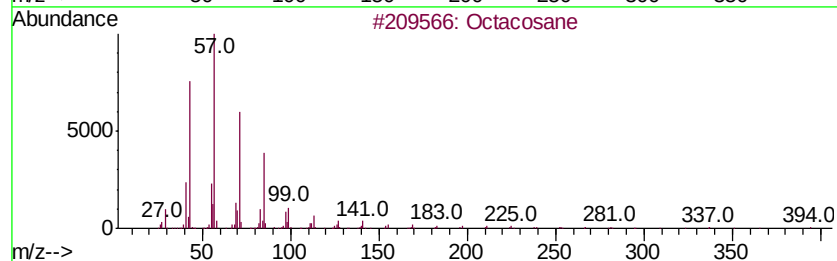
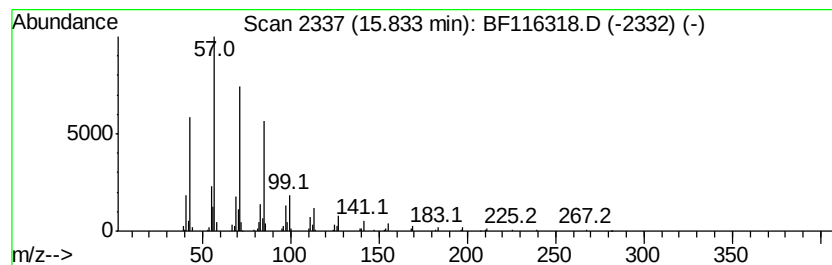
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	12.50 ng	416061	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116318.D
Acq On : 16 Aug 2019 13:20
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

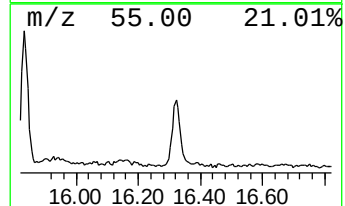
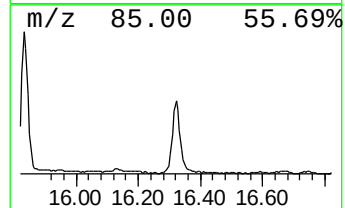
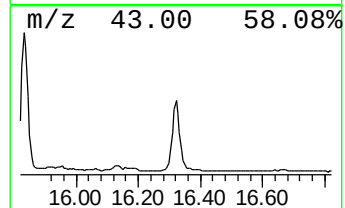
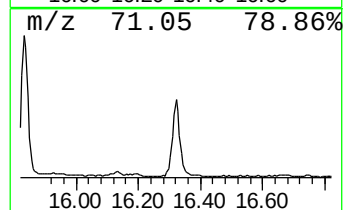
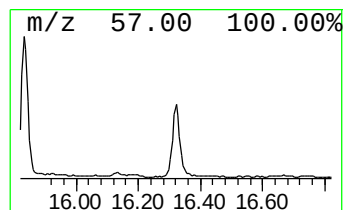
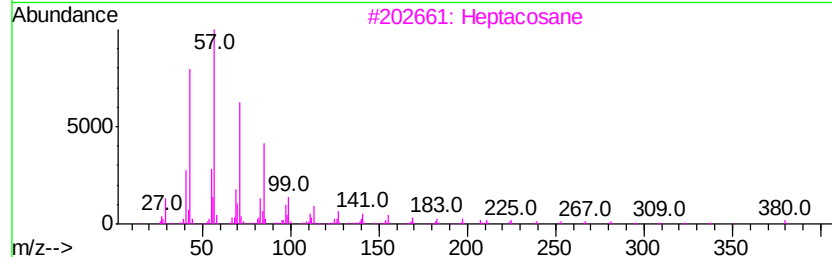
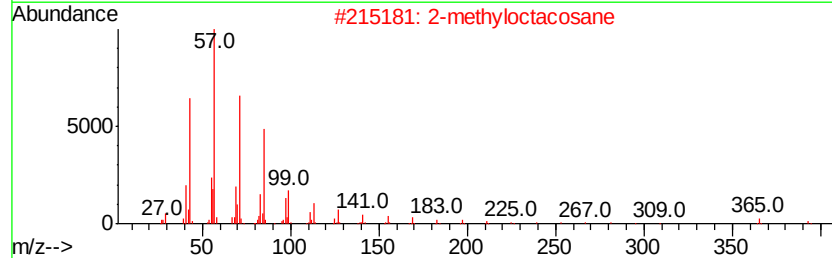
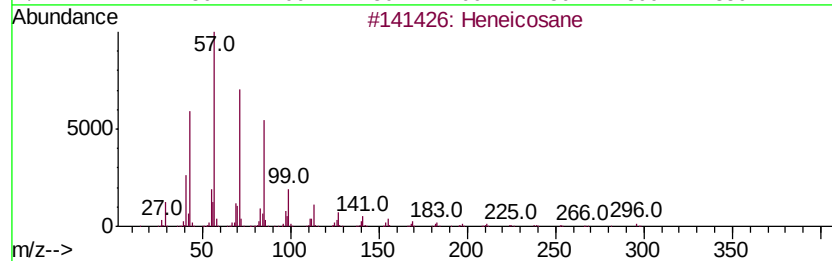
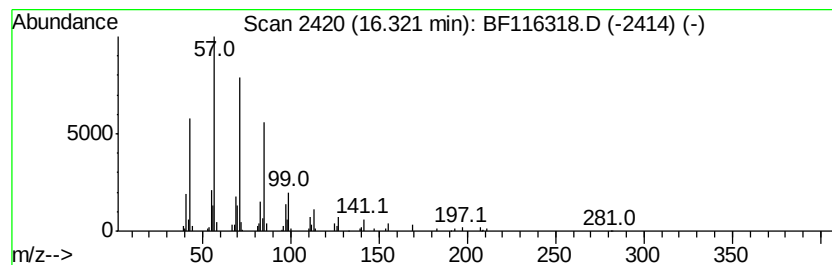
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	7.71 ng	256441	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116318.D
Acq On : 16 Aug 2019 13:20
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

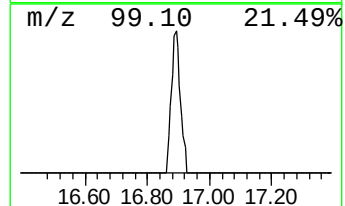
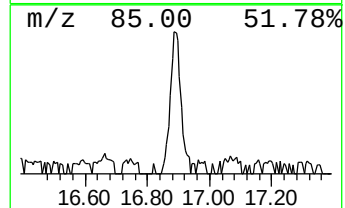
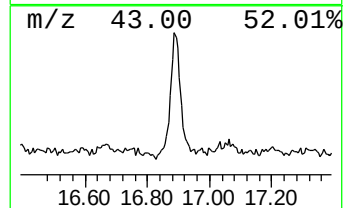
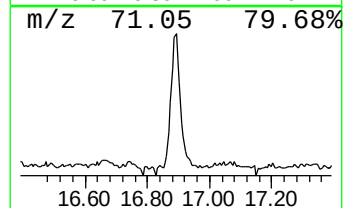
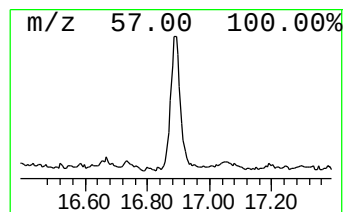
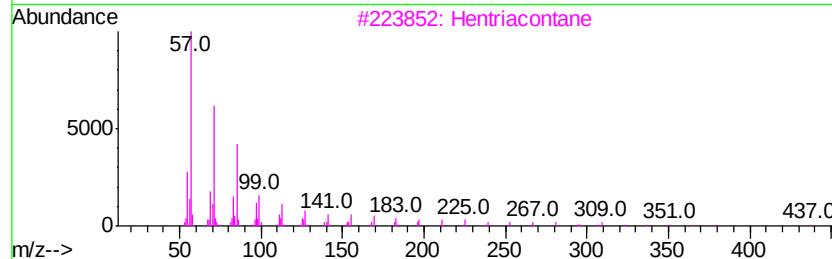
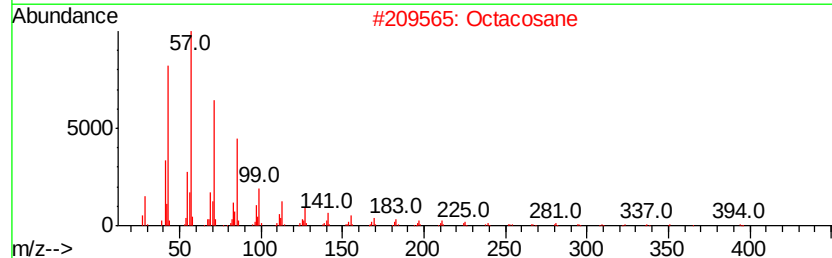
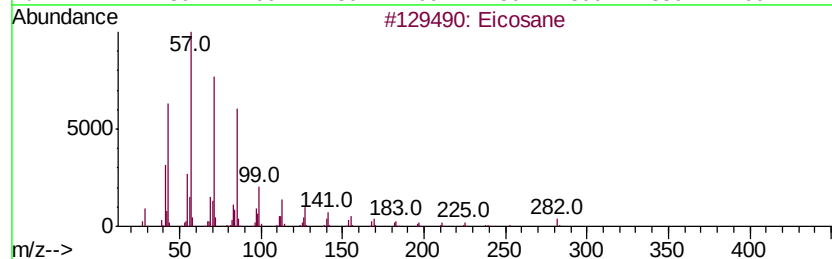
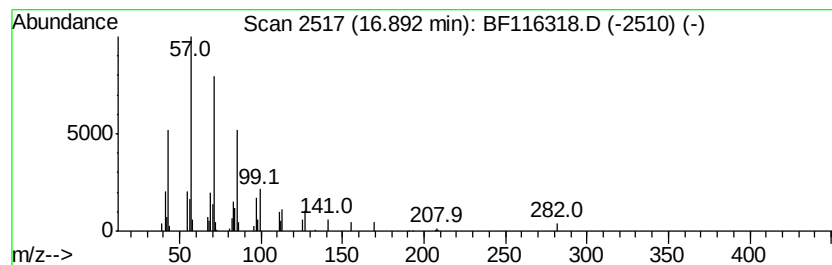
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	2.71 ng	90323	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081619\
Data File : BF116318.D
Acq On : 16 Aug 2019 13:20
Operator : HP/JU
Sample : K4340-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
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Ethanol, 2-(tetra...	13.80	10.9	ng	442939	5	13.98	809962	20.0
Heneicosane	14.12	2.6	ng	103910	5	13.98	809962	20.0
Octacosane	14.42	5.5	ng	223123	5	13.98	809962	20.0
2-methyloctacosane	14.72	11.1	ng	370201	6	15.44	665625	20.0
Squalene	14.80	4.9	ng	162576	6	15.44	665625	20.0
Eicosane	15.05	13.9	ng	463364	6	15.44	665625	20.0
Tetracosane	15.83	12.5	ng	416061	6	15.44	665625	20.0
Heptacosane	16.32	7.7	ng	256441	6	15.44	665625	20.0
Hentriacontane	16.89	2.7	ng	90323	6	15.44	665625	20.0