

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118367.D
 Acq On : 28 Dec 2019 16:09
 Operator : JU
 Sample : K6434-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-2

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-BF122419.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	5.046	500	503	521	rVB	96665	125357	2.52%	0.424%
2	5.463	571	574	592	rBV	895548	1026203	20.67%	3.468%
3	6.481	744	747	767	rBV	525459	697119	14.04%	2.356%
4	6.622	767	771	795	rVB	2832981	2444967	49.25%	8.263%
5	6.851	806	810	819	rBV	771355	616069	12.41%	2.082%
6	7.010	833	837	840	rBV	2433399	2242583	45.17%	7.579%
7	7.416	902	906	920	rBV	1858120	1827031	36.80%	6.175%
8	8.139	1025	1029	1046	rBV	808008	804572	16.21%	2.719%
9	9.216	1208	1212	1215	rBV	4398830	3665604	73.83%	12.389%
10	9.610	1276	1279	1287	rBV	165467	167101	3.37%	0.565%
11	9.898	1324	1328	1340	rVB	1131946	986101	19.86%	3.333%
12	10.692	1459	1463	1479	rBV	2859913	2897826	58.37%	9.794%
13	11.392	1578	1582	1591	rBV	1170109	1065371	21.46%	3.601%
14	11.916	1667	1671	1686	rBV	477396	528304	10.64%	1.786%
15	12.621	1786	1791	1801	rBV5	52993	132688	2.67%	0.448%
16	12.704	1801	1805	1814	rBV	172514	208311	4.20%	0.704%
17	12.986	1848	1853	1856	rBV	5476554	4964897	100.00%	16.780%
18	13.204	1884	1890	1893	rBV	80206	75251	1.52%	0.254%
19	13.545	1944	1948	1951	rBV2	117699	115156	2.32%	0.389%
20	13.874	2001	2004	2016	rBV	418947	516328	10.40%	1.745%
21	14.045	2030	2033	2041	rBV	1006417	1009873	20.34%	3.413%
22	14.192	2054	2058	2066	rBV	252786	248275	5.00%	0.839%
23	14.498	2107	2110	2118	rBV	336161	340421	6.86%	1.151%
24	14.810	2159	2163	2167	rBV	421991	386656	7.79%	1.307%
25	14.886	2172	2176	2180	rVB	151196	151175	3.04%	0.511%
26	15.151	2216	2221	2227	rBV	371785	429378	8.65%	1.451%
27	15.539	2281	2287	2299	rVB	962776	1345727	27.10%	4.548%
28	15.980	2356	2362	2367	rBV	201432	307558	6.19%	1.039%
29	16.492	2443	2449	2455	rBV2	105582	197041	3.97%	0.666%
30	17.098	2547	2552	2559	rVB3	32471	65557	1.32%	0.222%

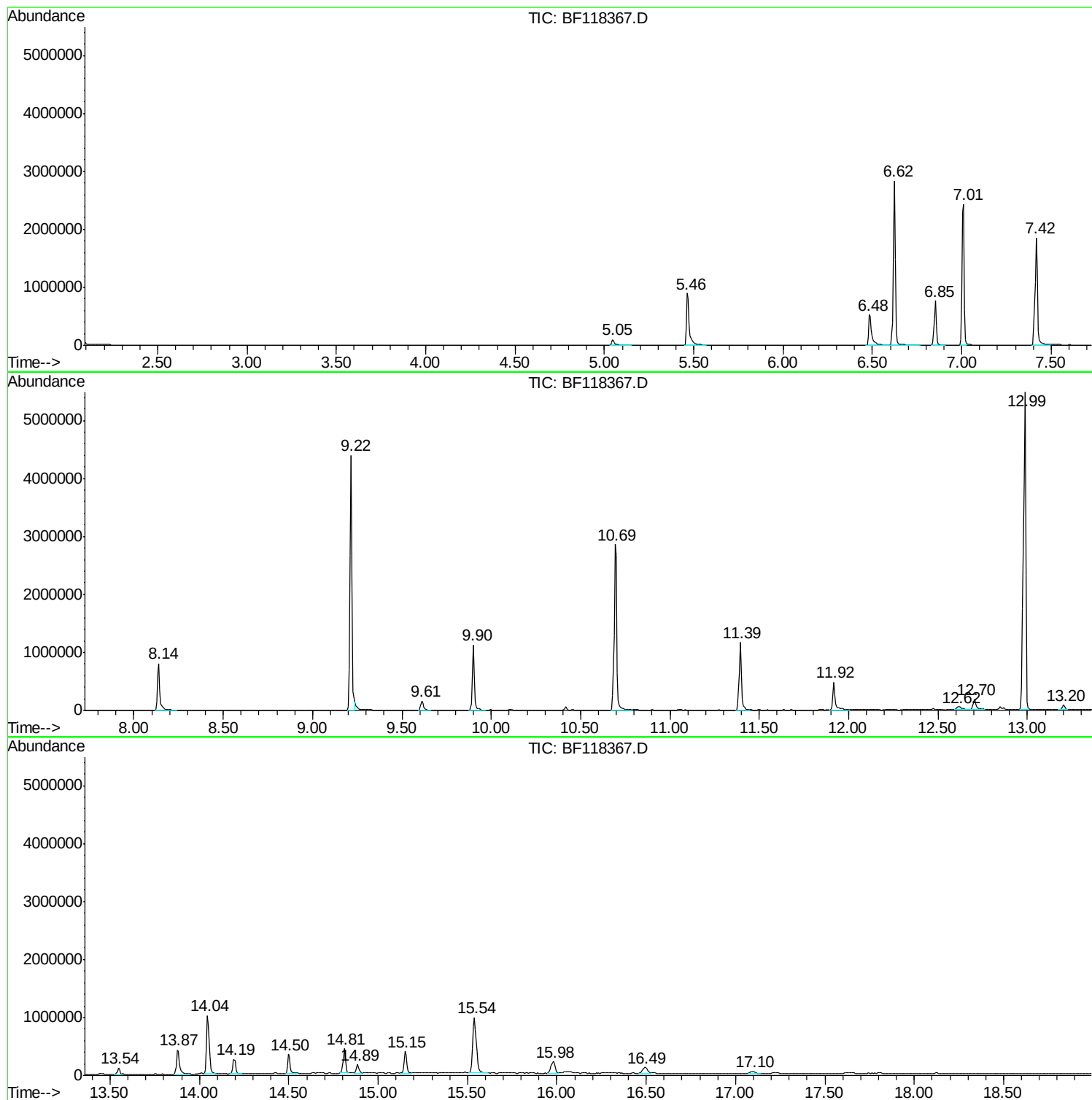
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Instrument :
BNA_F
ClientSampled :
GW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.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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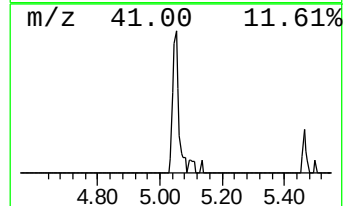
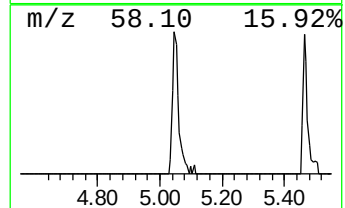
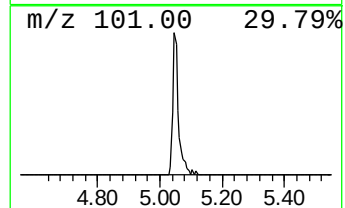
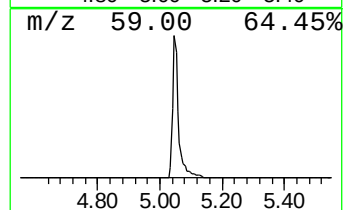
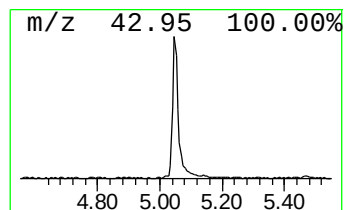
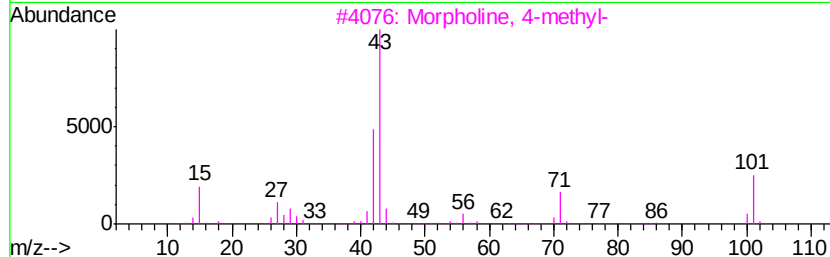
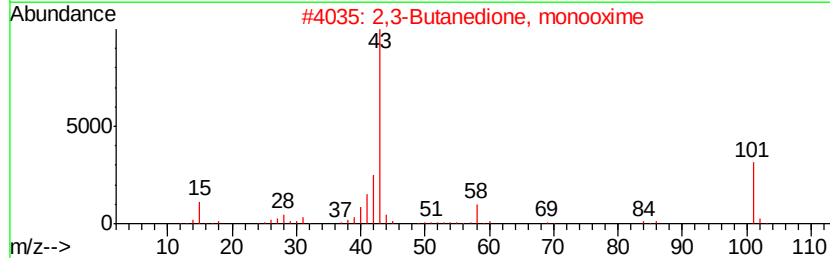
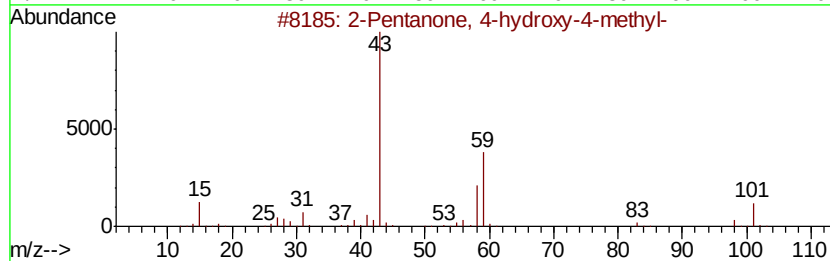
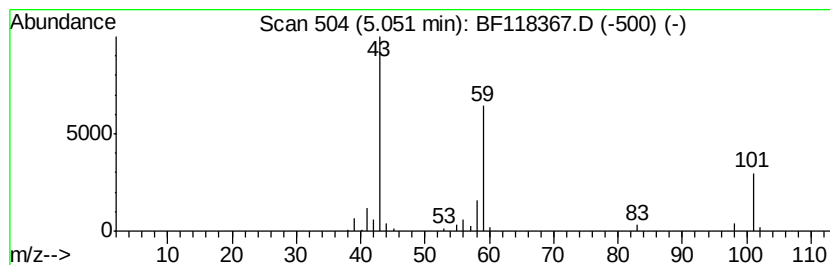
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	4.07 ng	125357	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9



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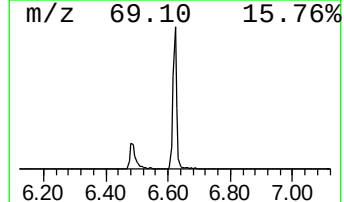
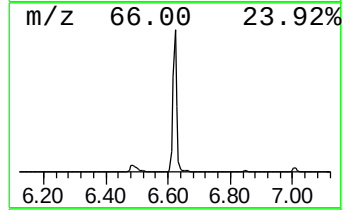
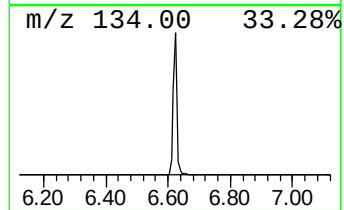
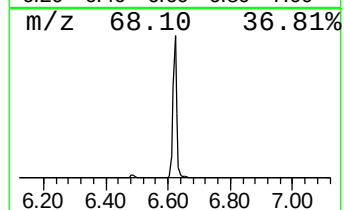
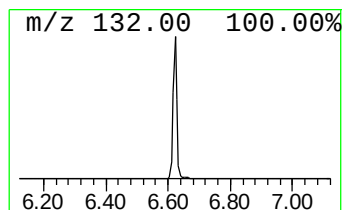
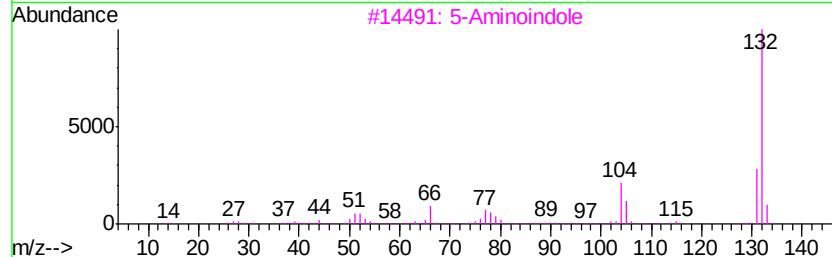
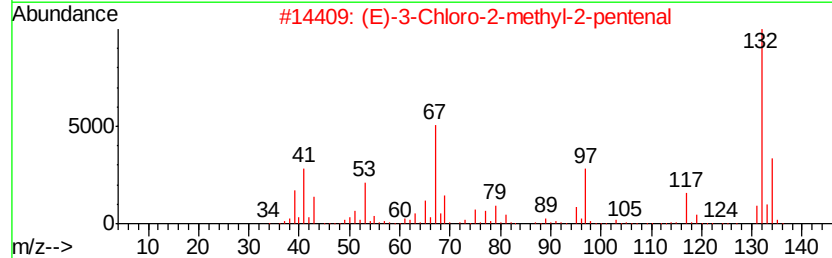
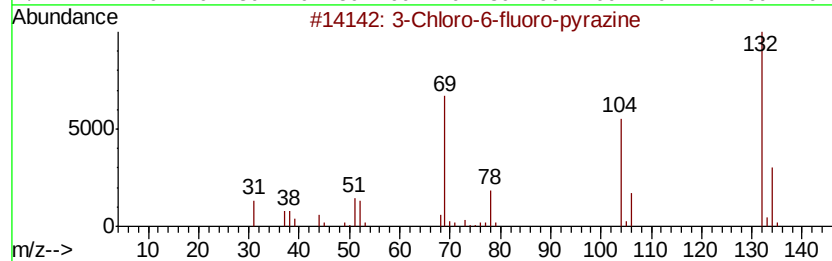
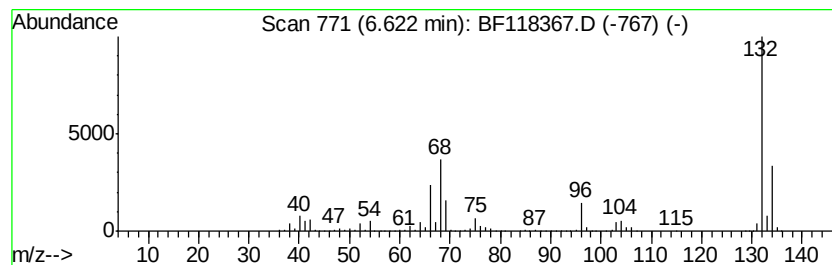
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	79.37 ng	2444970	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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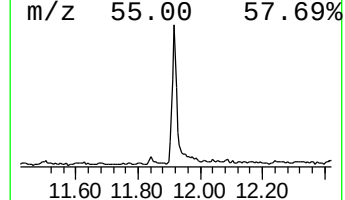
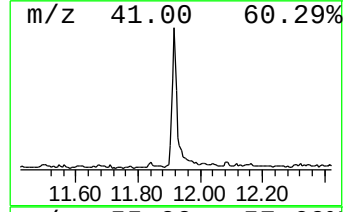
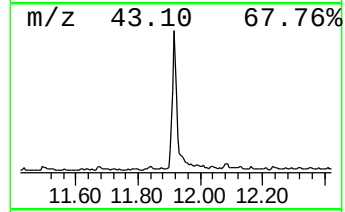
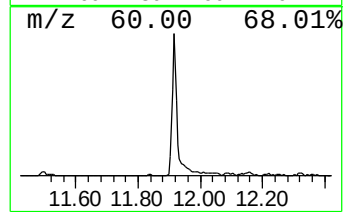
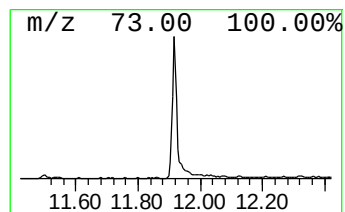
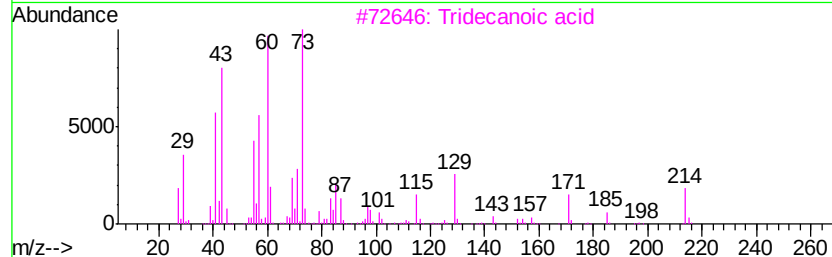
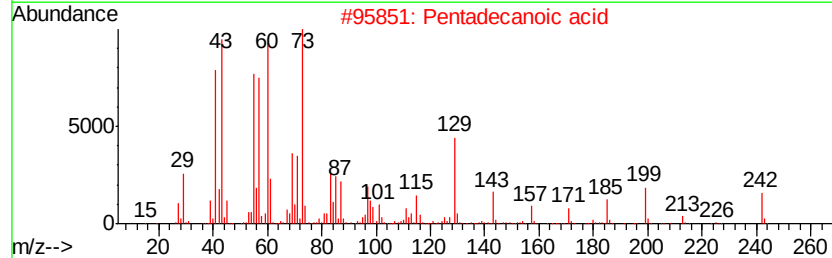
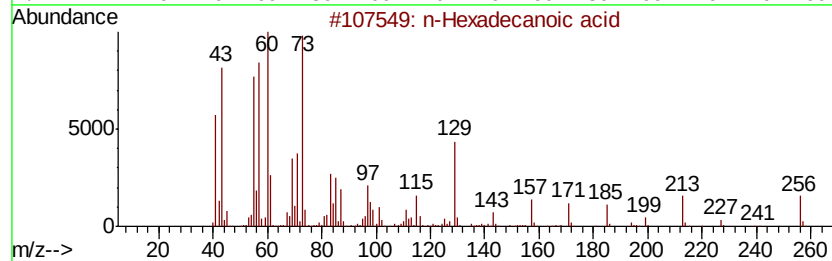
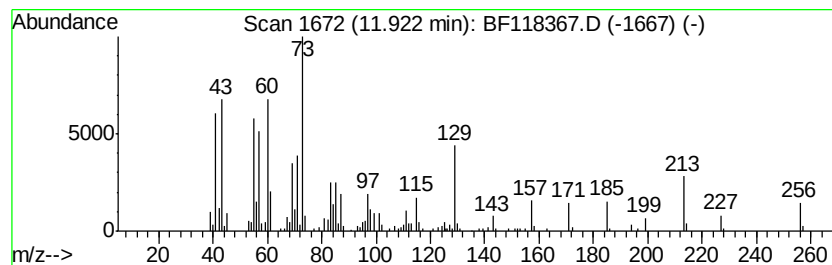
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	9.92 ng	528304	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		Undecanoic acid	186	C11H22O2	000112-37-8	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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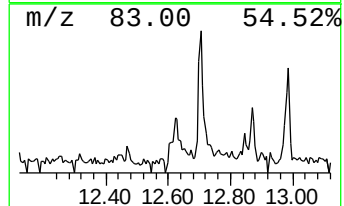
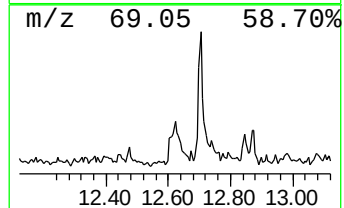
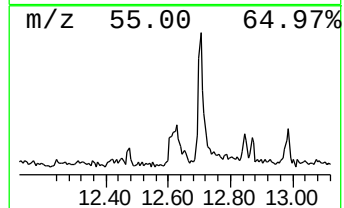
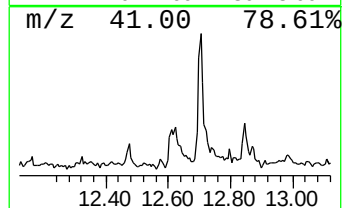
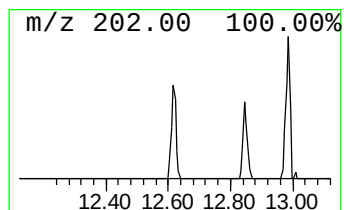
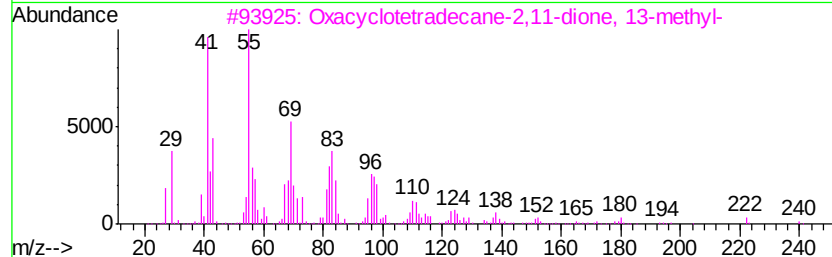
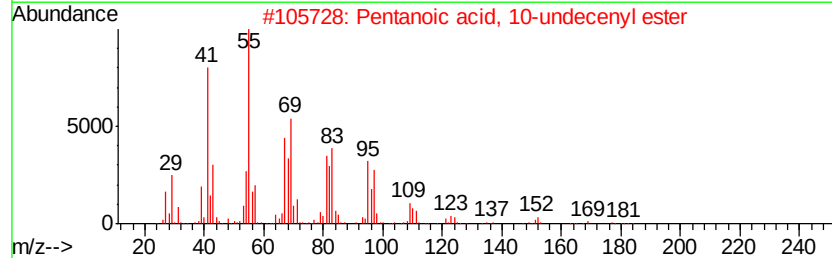
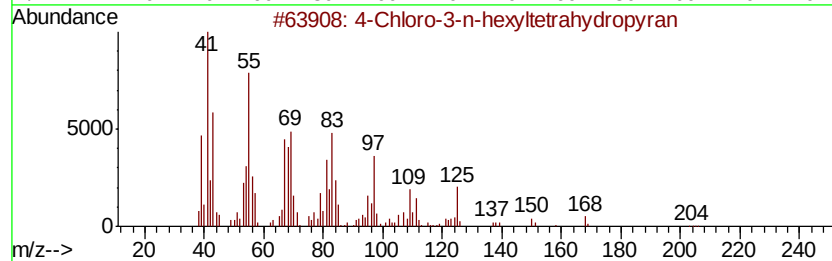
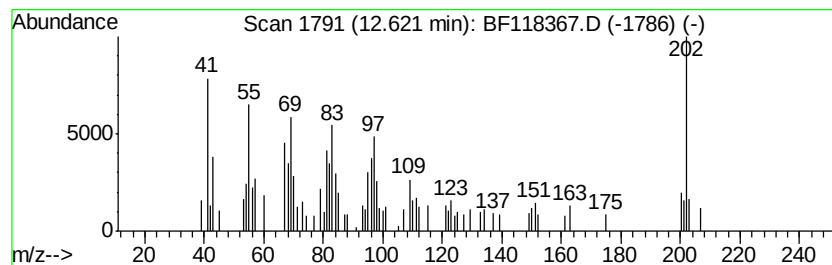
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown12.62 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.62	2.49 ng	132688	Phenanthrene-d10	11.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-3-n-hexyltetrahydropyran	204	C11H21ClO	066555-66-6	38
2	Pentanoic acid, 10-undecenyl ester	254	C16H30O2	1000159-93-4	38
3	Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	30
4	13-Octadecenal, (Z)-	266	C18H34O	058594-45-9	27
5	1-Hexyl-2-nitrocyclohexane	213	C12H23NO2	118252-04-3	25



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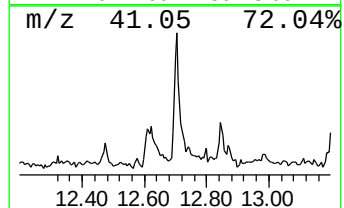
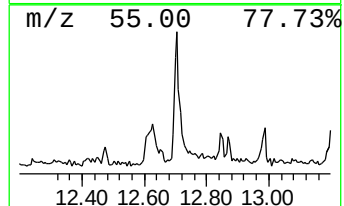
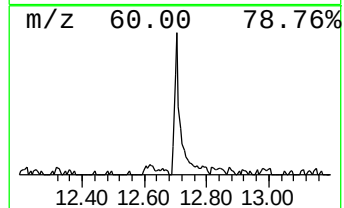
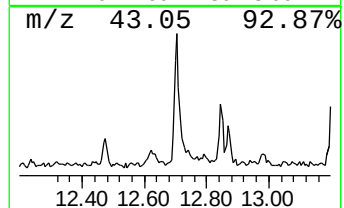
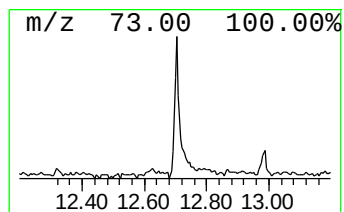
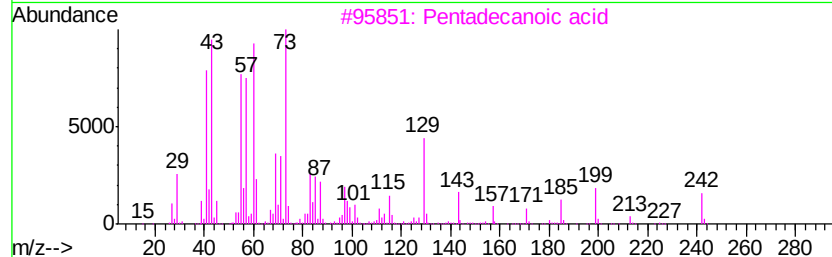
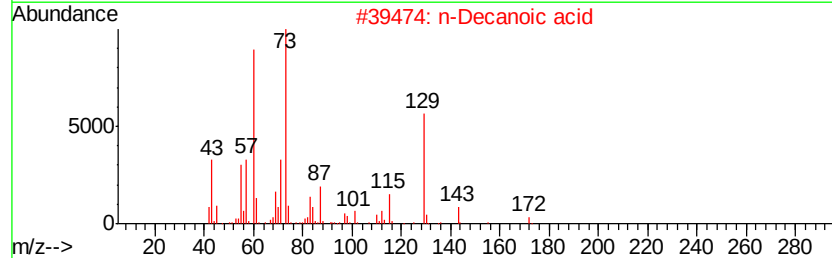
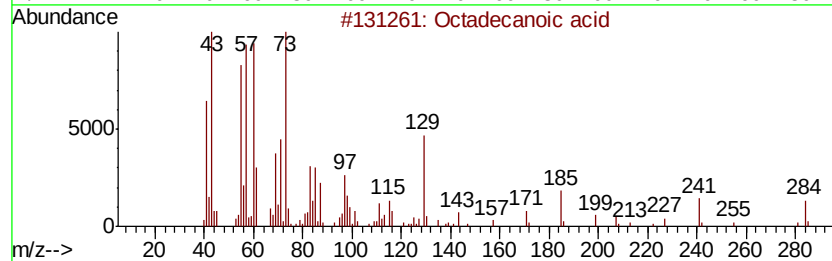
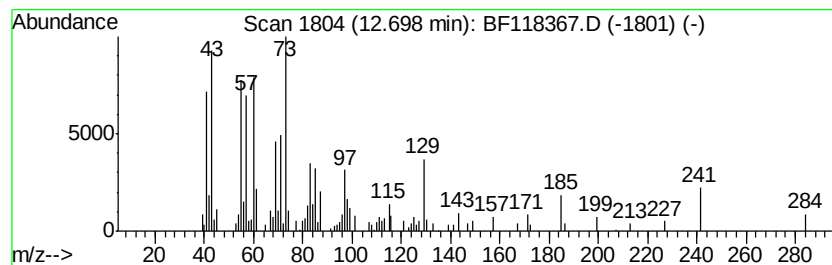
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	3.91 ng	208311	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Decanoic acid	172	C10H20O2	000334-48-5	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38



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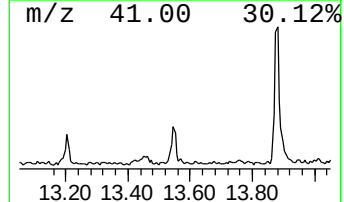
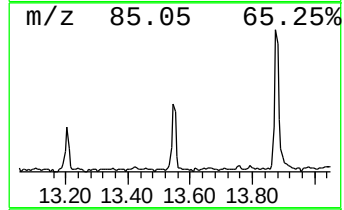
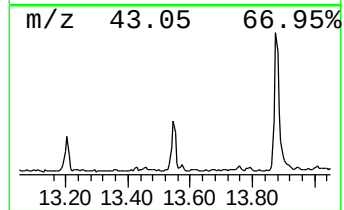
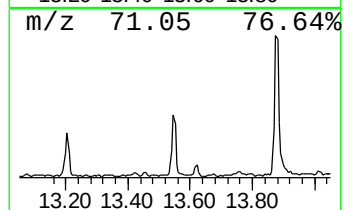
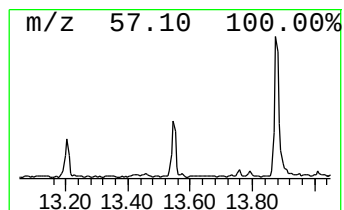
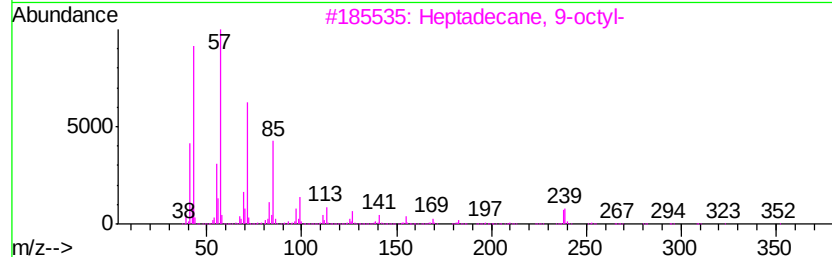
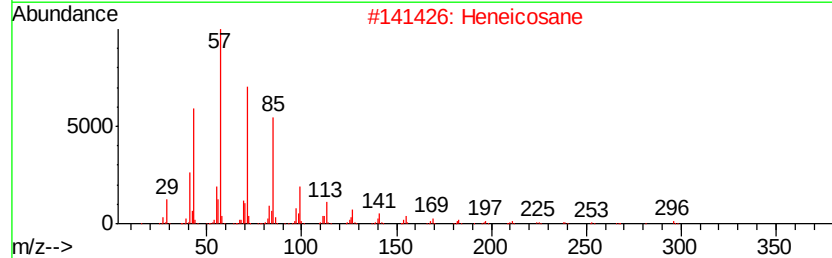
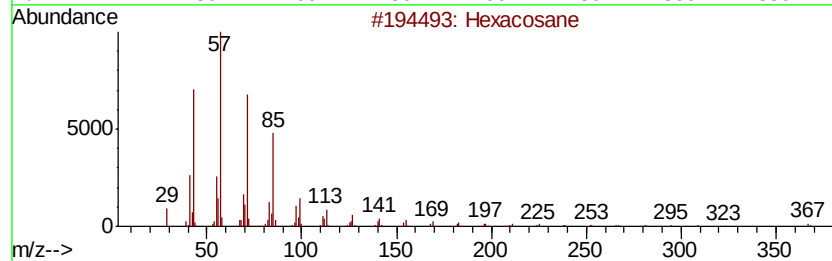
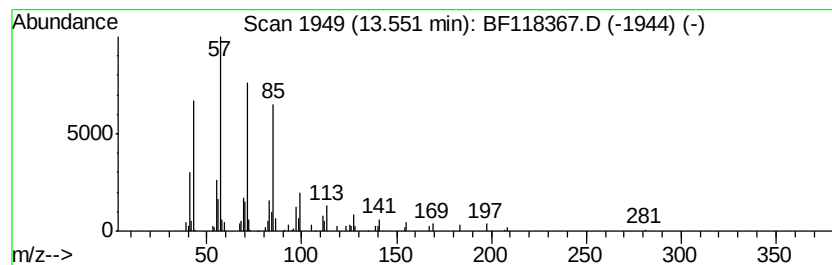
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	2.28 ng	115156	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118367.D
Acq On : 28 Dec 2019 16:09
Operator : JU
Sample : K6434-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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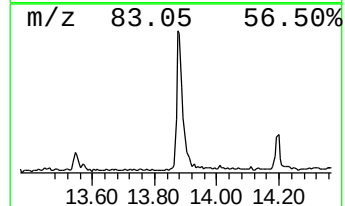
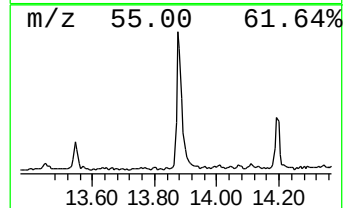
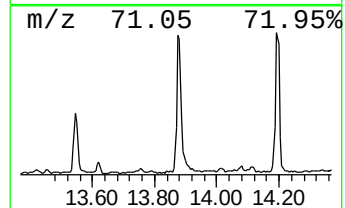
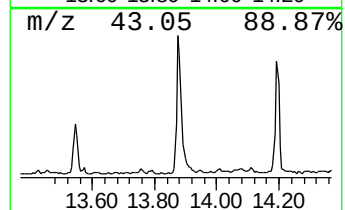
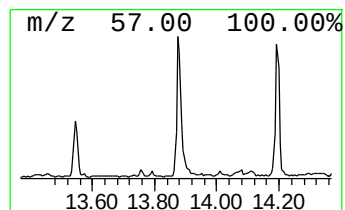
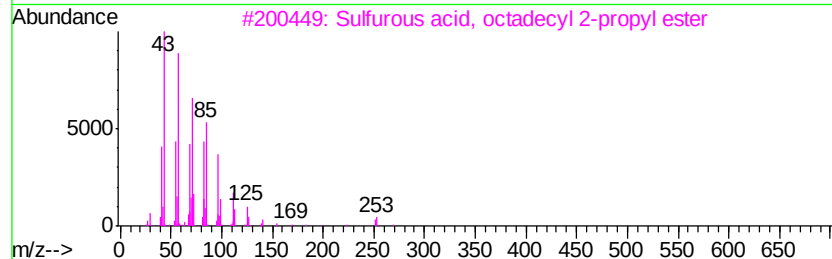
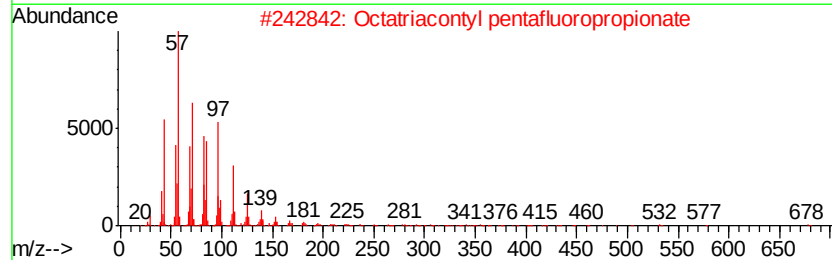
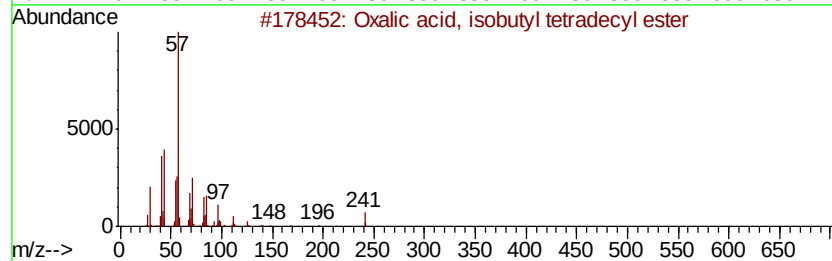
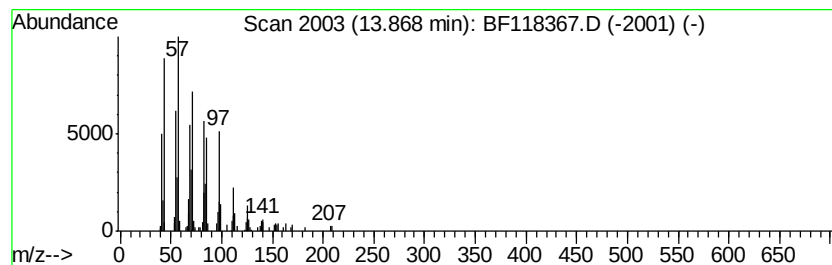
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Oxalic acid, isobutyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.23 ng	516328	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
2		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118367.D
 Acq On : 28 Dec 2019 16:09
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 Sample : K6434-01
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Instrument :
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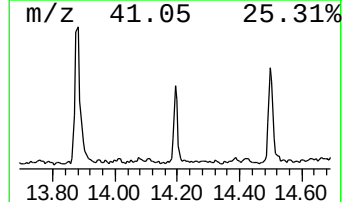
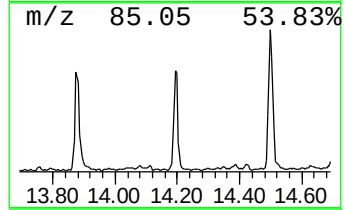
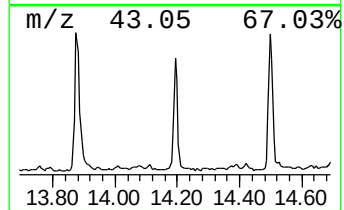
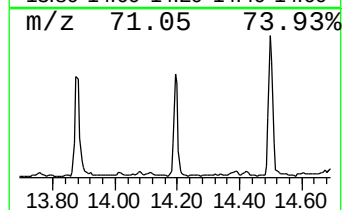
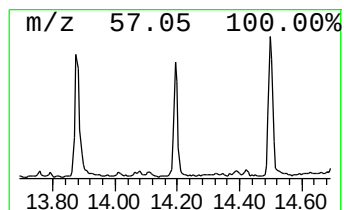
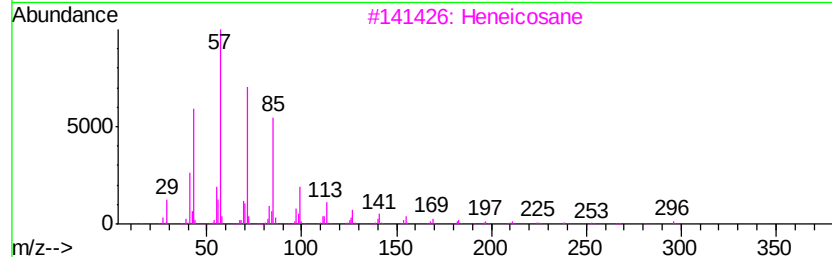
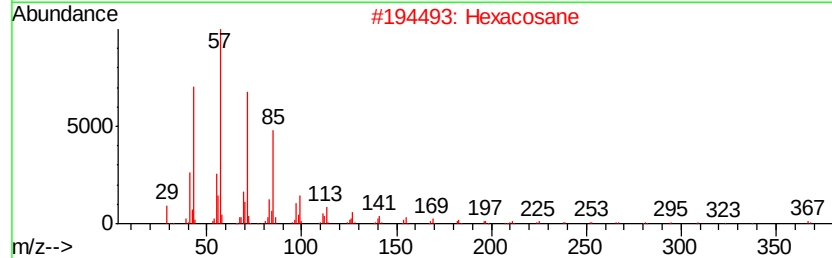
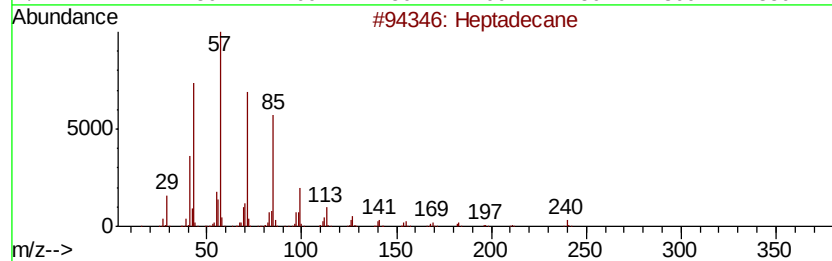
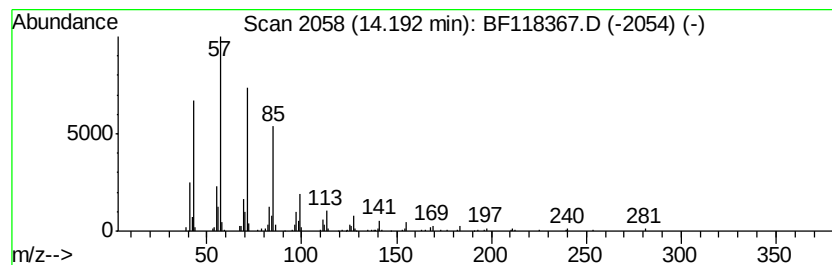
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	4.92 ng	248275	Chrysene-d12	14.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
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Acq On : 28 Dec 2019 16:09
Operator : JU
Sample : K6434-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

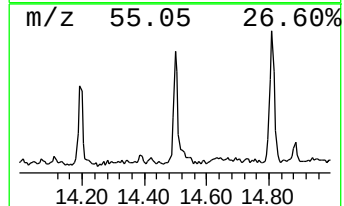
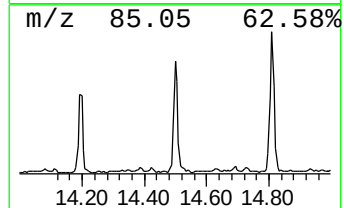
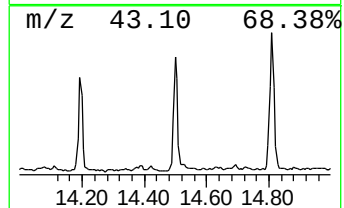
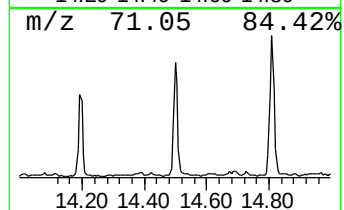
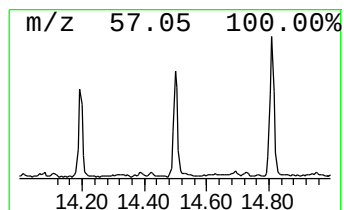
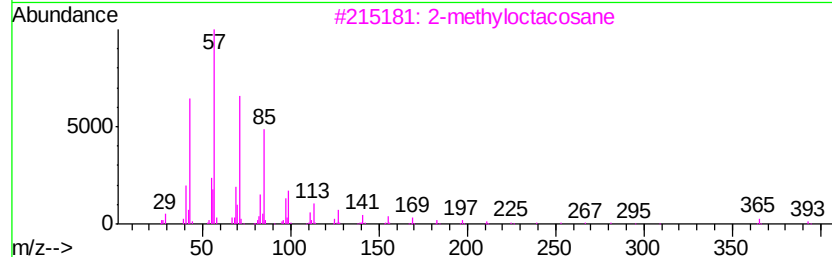
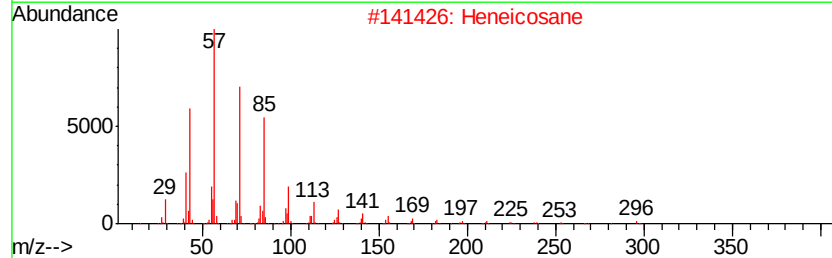
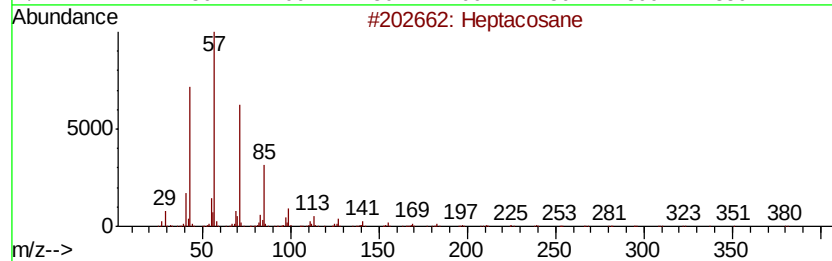
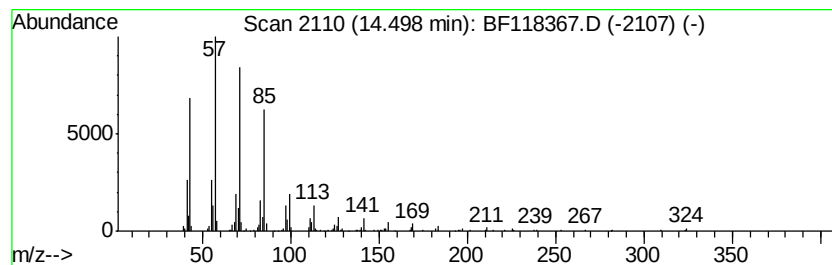
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.50	6.74 ng	340421	Chrysene-d12		14.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118367.D
 Acq On : 28 Dec 2019 16:09
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 Misc :
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Instrument :
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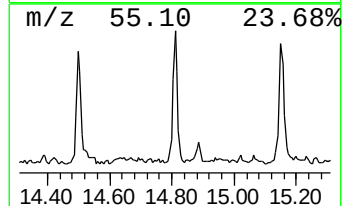
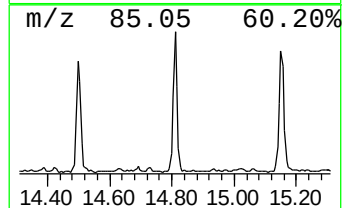
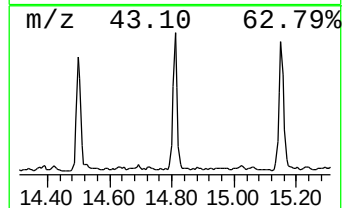
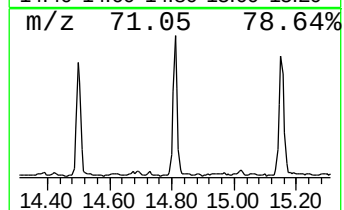
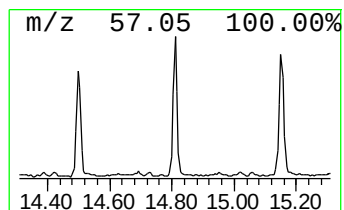
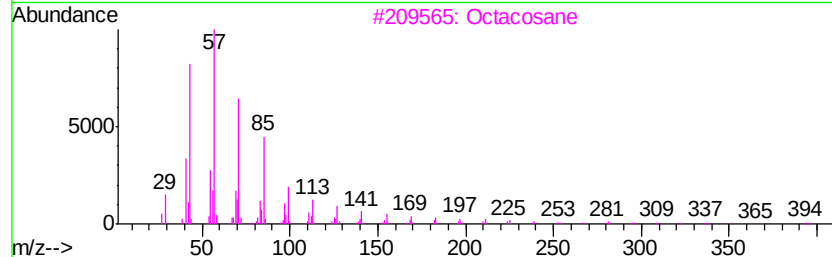
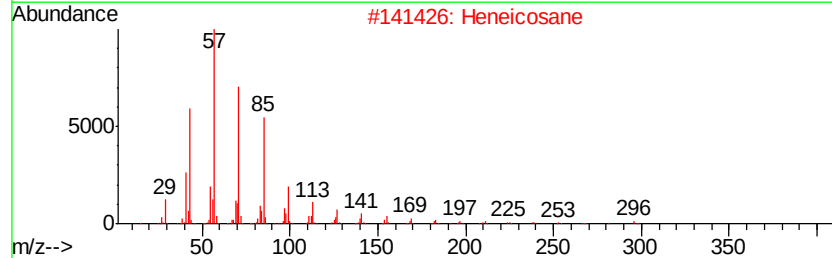
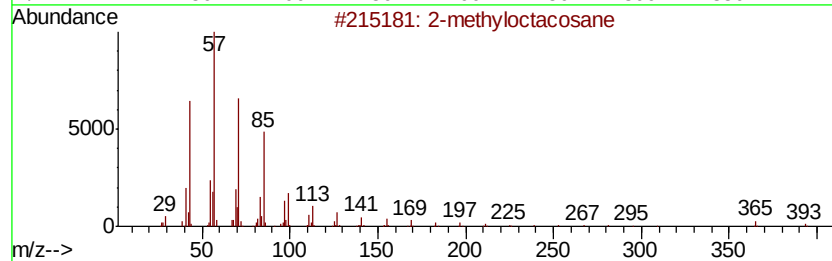
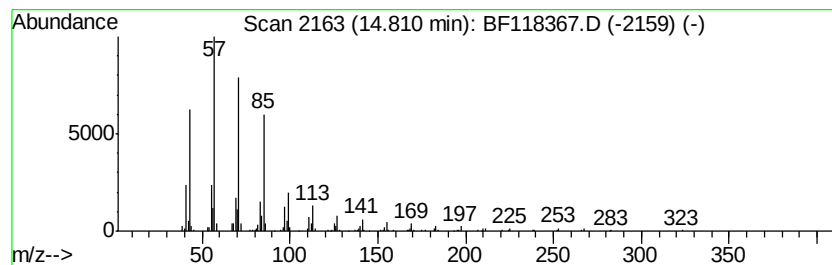
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 11 unknown14.81 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	5.75 ng	386656	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118367.D
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Sample : K6434-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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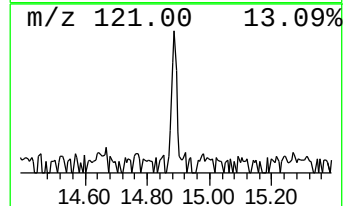
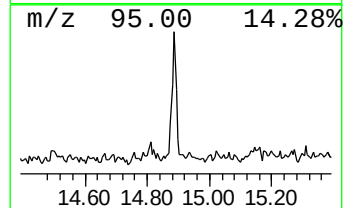
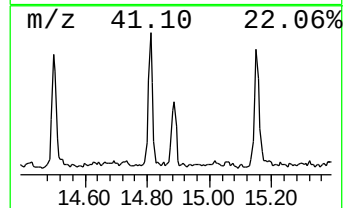
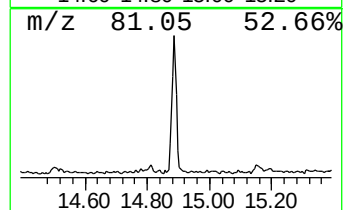
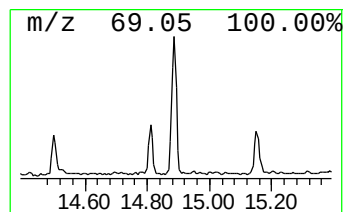
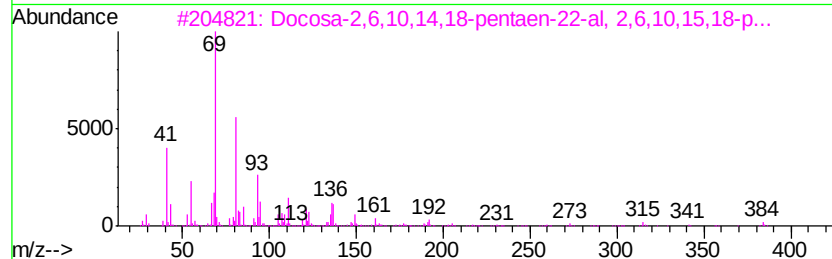
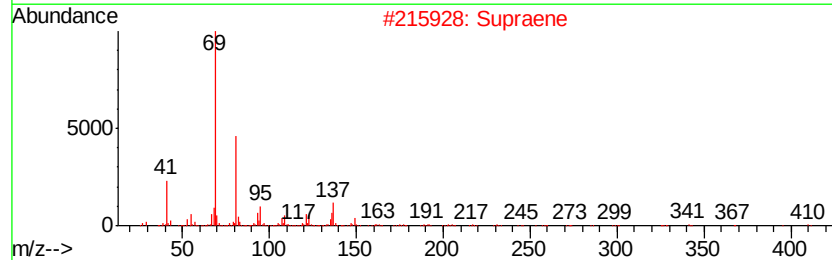
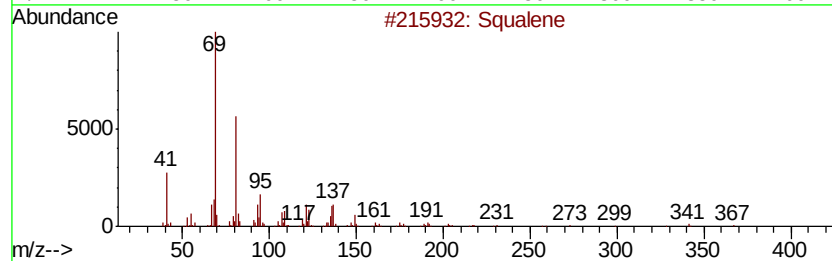
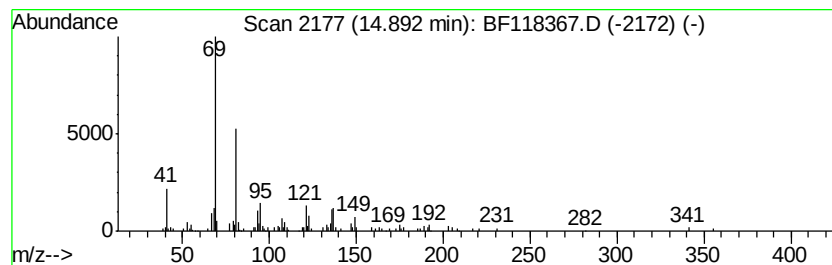
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Squalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.25 ng	151175	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	87
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86
4		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118367.D
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Misc :
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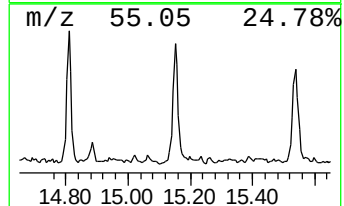
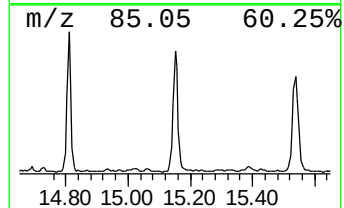
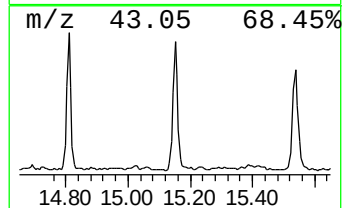
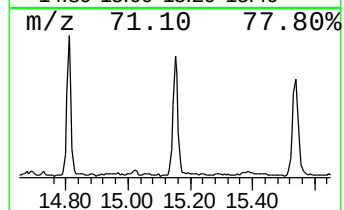
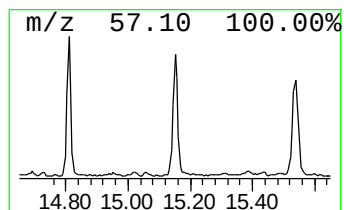
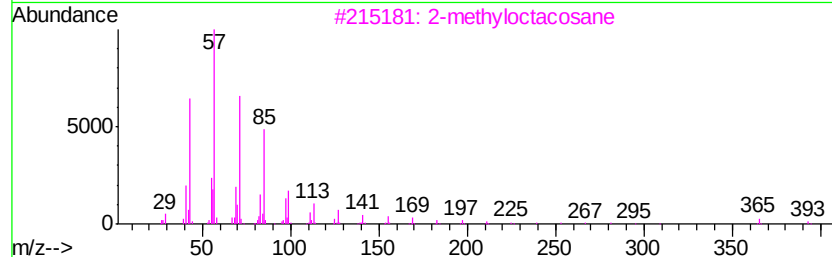
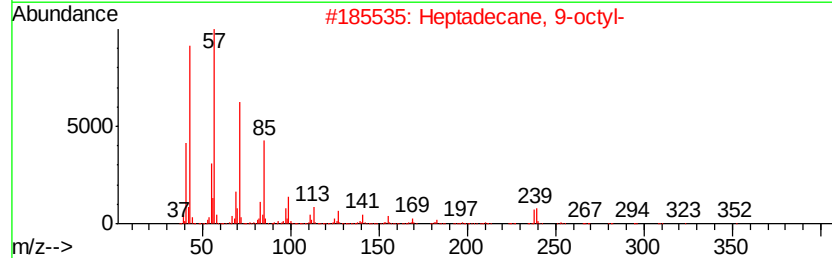
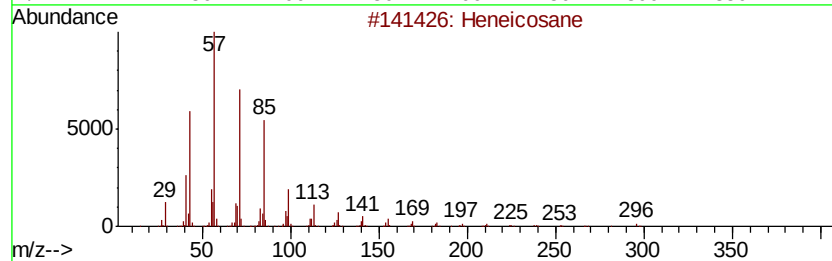
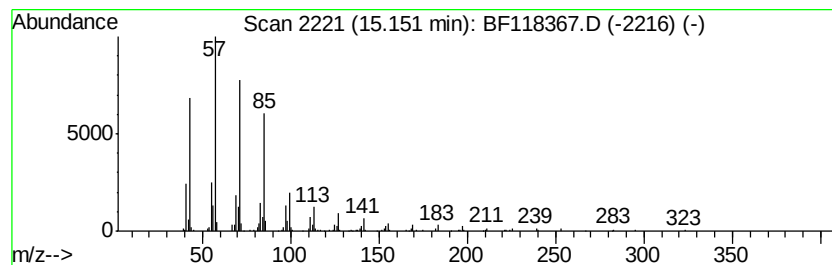
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	6.38 ng	429378	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
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Acq On : 28 Dec 2019 16:09
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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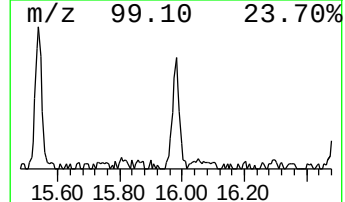
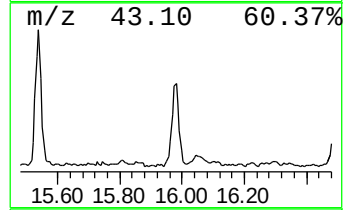
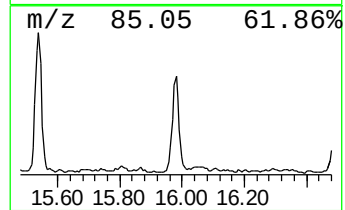
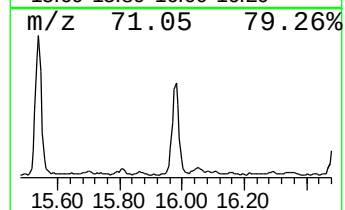
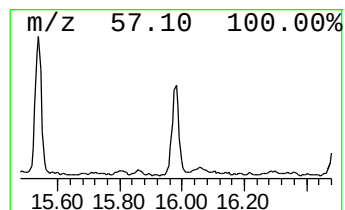
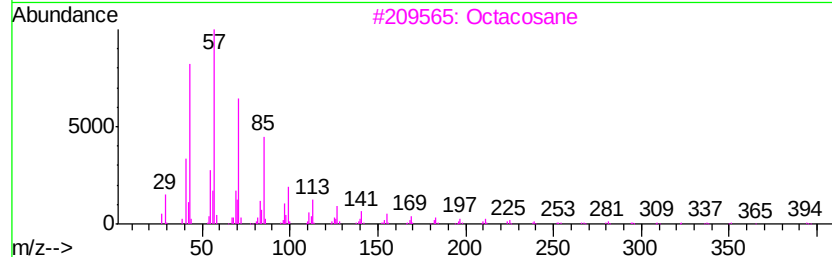
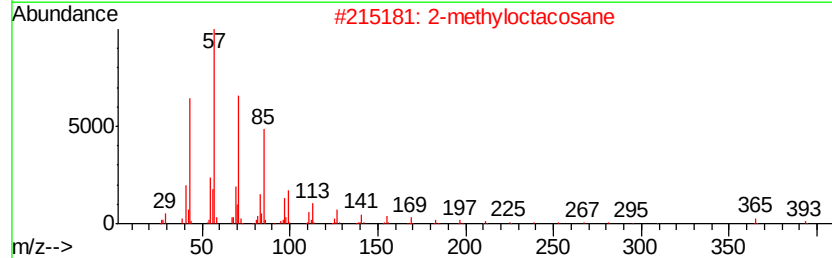
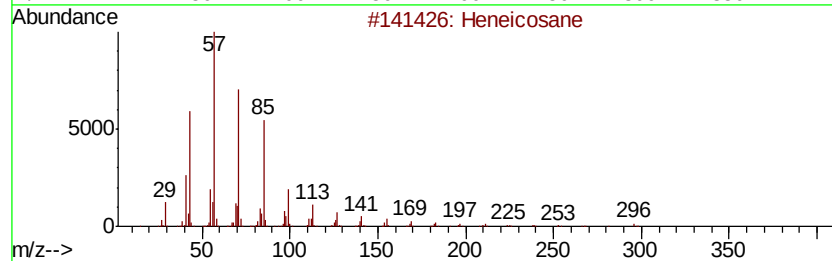
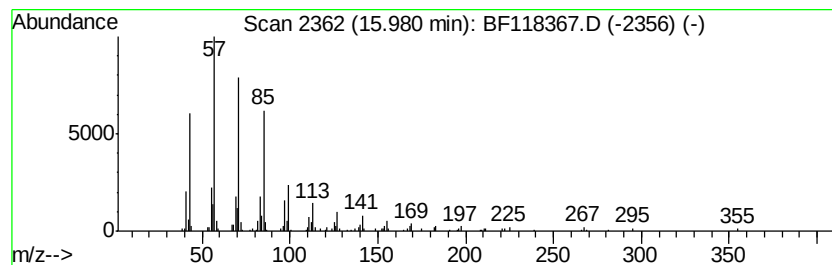
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown15.98 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	4.57 ng	307558	Perylene-d12	15.54

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			Octacosane	394	C28H58	000630-02-4	91
4			Triacontane	422	C30H62	000638-68-6	91
5			2-methylhexacosane	380	C27H56	1000376-72-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
Data File : BF118367.D
Acq On : 28 Dec 2019 16:09
Operator : JU
Sample : K6434-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-2

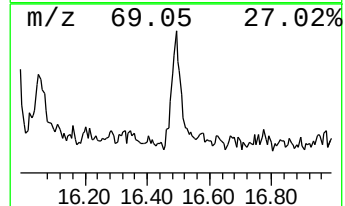
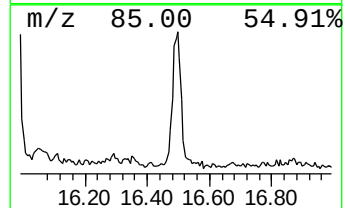
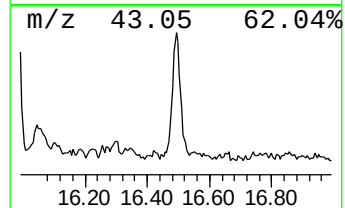
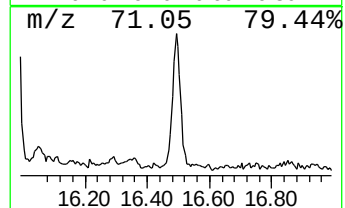
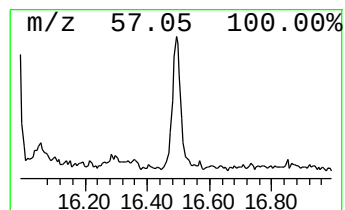
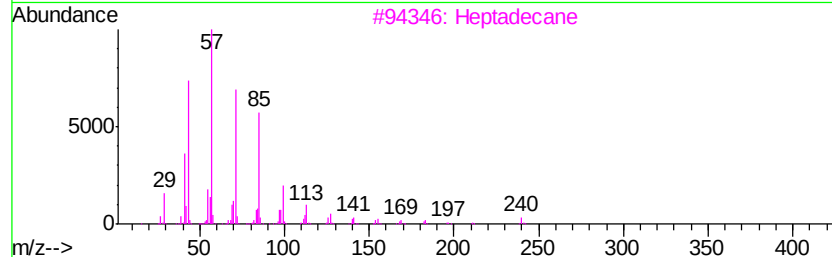
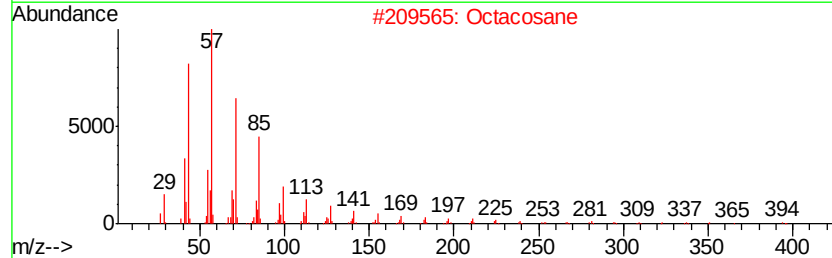
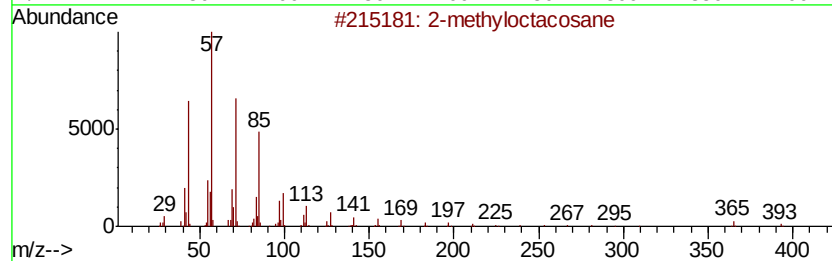
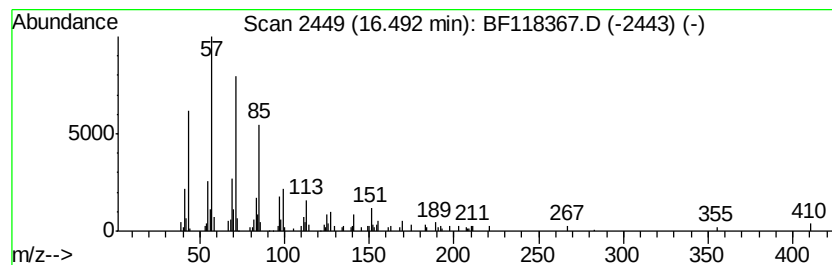
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 2-methyloctacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.93 ng	197041	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		triacontane	422	C30H62	000638-68-6	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122819\
Data File : BF118367.D
Acq On : 28 Dec 2019 16:09
Operator : JU
Sample : K6434-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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...	5.05	4.1 ng		125357	1	6.85	616069	20.0
unknown6.62	6.62	79.4 ng		2444970	1	6.85	616069	20.0
n-Hexadecanoic acid	11.92	9.9 ng		528304	4	11.39	1065370	20.0
unknown12.62	12.62	2.5 ng		132688	4	11.39	1065370	20.0
Octadecanoic acid	12.70	3.9 ng		208311	4	11.39	1065370	20.0
Hexacosane	13.55	2.3 ng		115156	5	14.04	1009870	20.0
Oxalic acid, isob...	13.87	10.2 ng		516328	5	14.04	1009870	20.0
Heptadecane	14.19	4.9 ng		248275	5	14.04	1009870	20.0
Heptacosane	14.50	6.7 ng		340421	5	14.04	1009870	20.0
unknown14.81	14.81	5.8 ng		386656	6	15.54	1345730	20.0
Squalene	14.89	2.3 ng		151175	6	15.54	1345730	20.0
Heneicosane	15.15	6.4 ng		429378	6	15.54	1345730	20.0
unknown15.98	15.98	4.6 ng		307558	6	15.54	1345730	20.0
2-methyloctacosane	16.49	2.9 ng		197041	6	15.54	1345730	20.0