

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119065.D
 Acq On : 25 Feb 2020 15:21
 Operator : CG/JU
 Sample : L1586-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0173-COMP-BT-A-MOD-ELUTRIATE

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-BF022020.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	5.381	556	560	586	rBV	2684939	2635890	37.99%	6.965%
2	6.392	729	732	735	rBV	955965	1001334	14.43%	2.646%
3	6.422	735	737	761	rVB	291883	973564	14.03%	2.573%
4	6.751	790	793	797	rBV	879545	705238	10.16%	1.864%
5	6.910	816	820	823	rBV	3441791	3037939	43.78%	8.028%
6	7.316	884	889	892	rBV	2314192	2227166	32.10%	5.885%
7	7.481	911	917	920	rBV	5700942	6939015	100.00%	18.336%
8	7.528	922	925	944	rVB3	51745	111264	1.60%	0.294%
9	8.034	1007	1011	1019	rBV	1078130	920265	13.26%	2.432%
10	9.110	1189	1194	1197	rBV	4964643	4677798	67.41%	12.361%
11	9.504	1257	1261	1265	rBV	140102	133759	1.93%	0.353%
12	9.786	1304	1309	1319	rVB	1134997	1115429	16.07%	2.948%
13	10.575	1438	1443	1454	rBV	3175500	2963254	42.70%	7.830%
14	11.269	1557	1561	1568	rBV	1133482	1073954	15.48%	2.838%
15	11.798	1647	1651	1665	rBV2	400309	481900	6.94%	1.273%
16	12.580	1780	1784	1797	rBV	238941	301974	4.35%	0.798%
17	12.851	1825	1830	1833	rBV	4528628	4404419	63.47%	11.639%
18	13.427	1921	1928	1930	rBV2	87619	97840	1.41%	0.259%
19	13.563	1942	1951	1961	rBV3	30745	82923	1.20%	0.219%
20	13.751	1977	1983	1992	rBV2	237158	331051	4.77%	0.875%
21	13.904	2005	2009	2016	rVB	901347	870082	12.54%	2.299%
22	14.068	2032	2037	2041	rBV	193765	191554	2.76%	0.506%
23	14.368	2084	2088	2092	rBV	269193	260010	3.75%	0.687%
24	14.668	2135	2139	2144	rBV	332652	318345	4.59%	0.841%
25	14.739	2147	2151	2156	rVB	93781	94995	1.37%	0.251%
26	14.986	2189	2193	2199	rBV	319034	337846	4.87%	0.893%
27	15.327	2246	2251	2262	rBV2	644252	1136975	16.39%	3.004%
28	15.757	2318	2324	2330	rBV	160786	239991	3.46%	0.634%
29	16.227	2398	2404	2417	rVB3	87827	177254	2.55%	0.468%

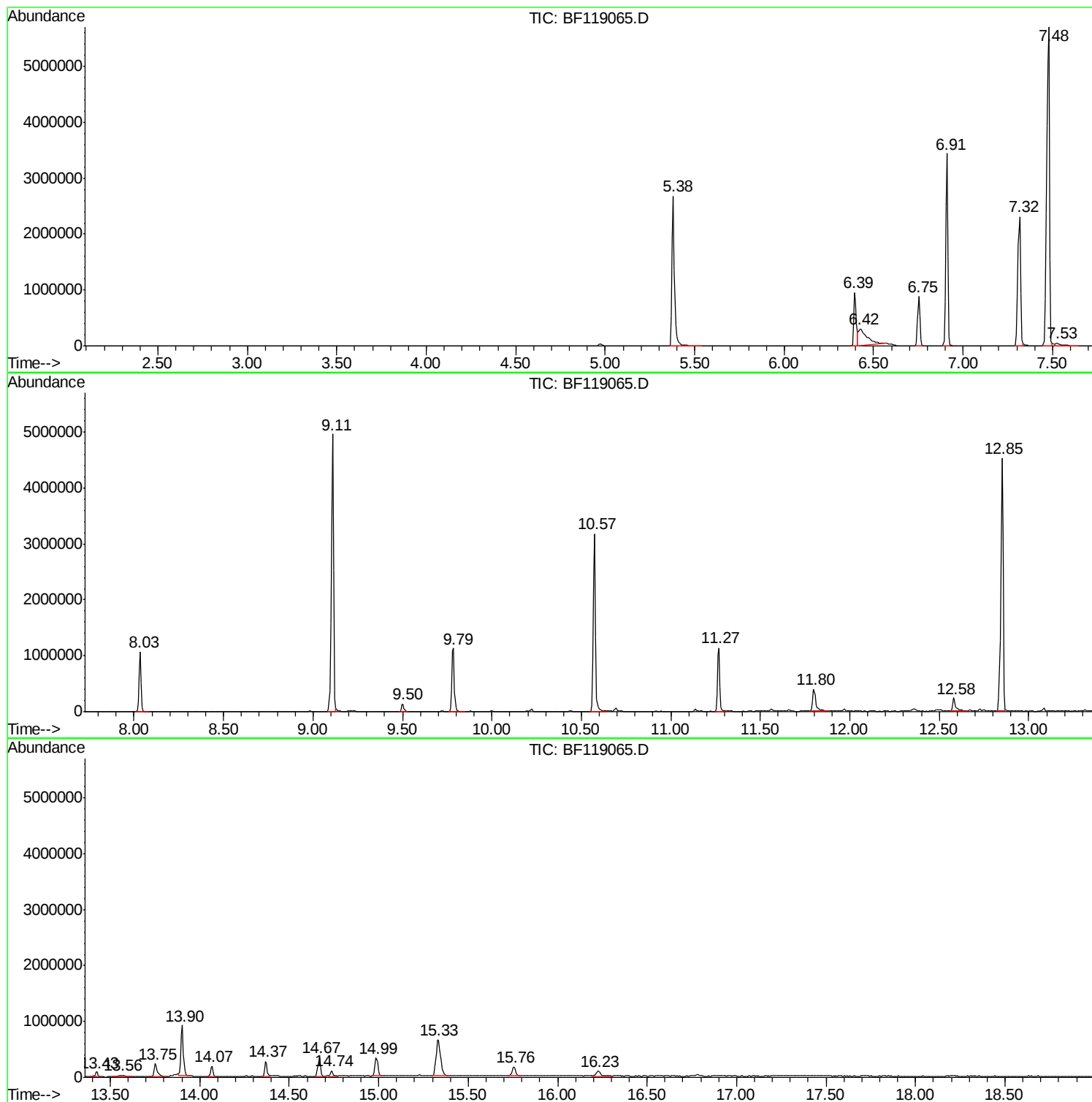
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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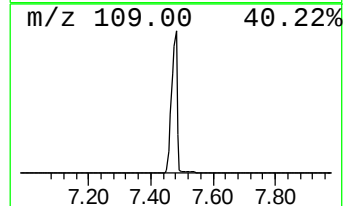
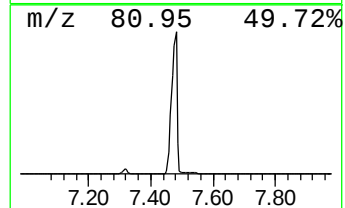
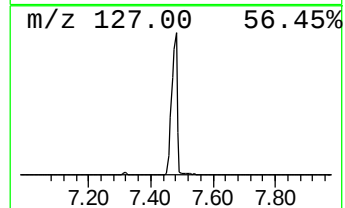
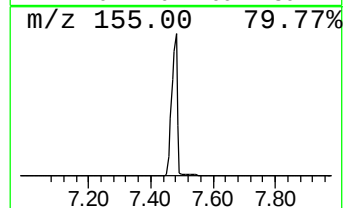
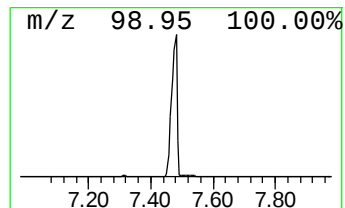
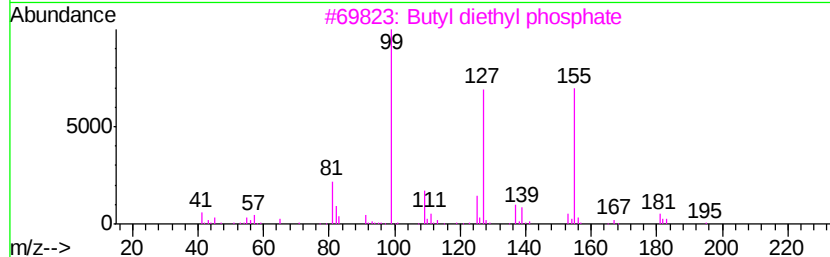
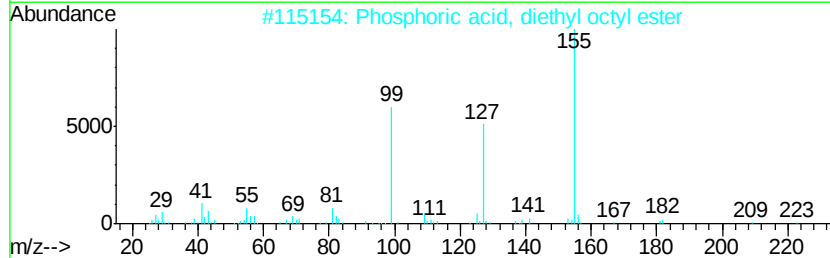
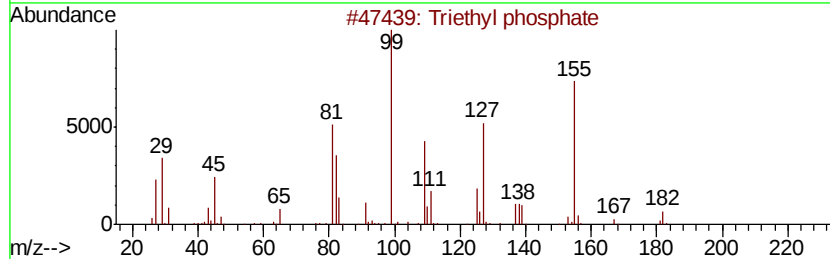
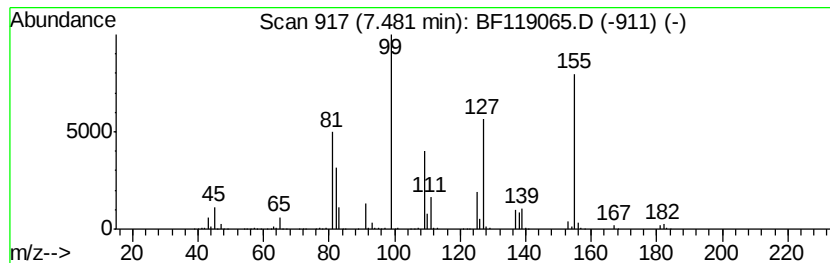
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Triethyl phosphate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	150.81 ng	6939020	Naphthalene-d8	8.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Triethyl phosphate	182 C6H15O4P	000078-40-0 95
2		Phosphoric acid, diethyl octyl e...	266 C12H27O4P	1000308-90-4 53
3		Butyl diethyl phosphate	210 C8H19O4P	1000298-58-0 50
4		Diethyl isopropylidenemalonate	200 C10H16O4	006802-75-1 36
5		Phosphoric acid, diethyl pentyl ...	224 C9H21O4P	020195-08-8 36



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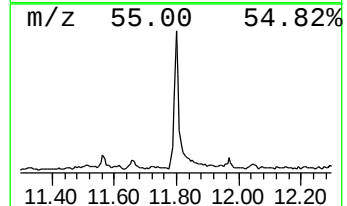
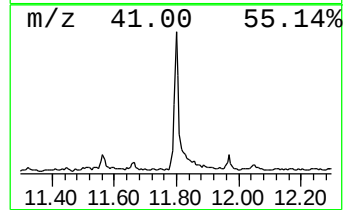
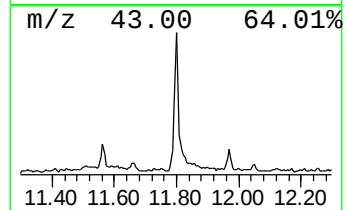
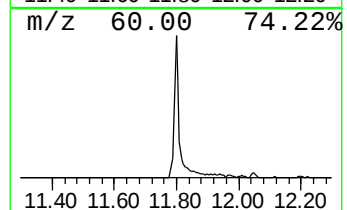
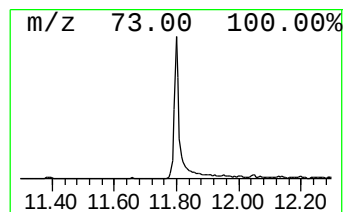
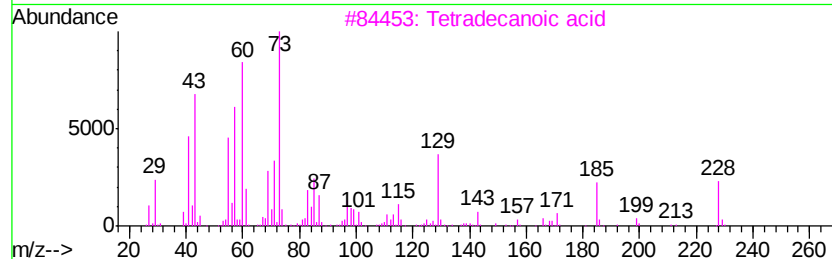
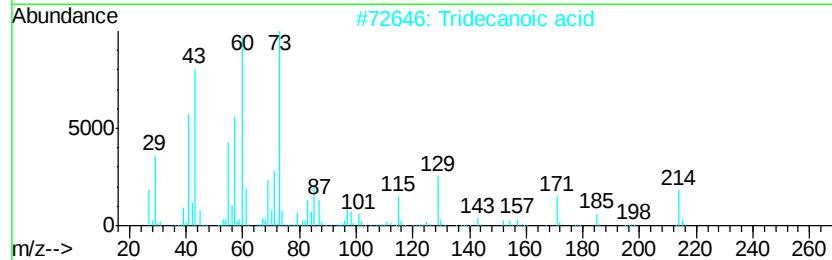
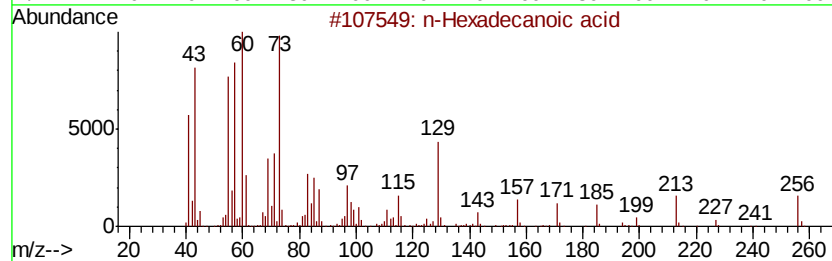
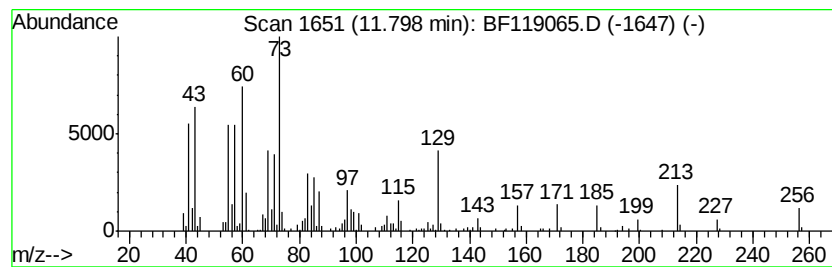
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	8.97 ng	481900	Phenanthrene-d10	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Dodecanoic acid	200	C12H24O2	000143-07-7	64



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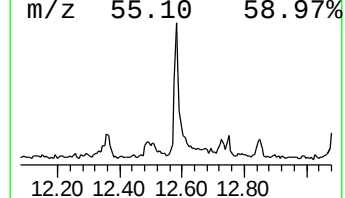
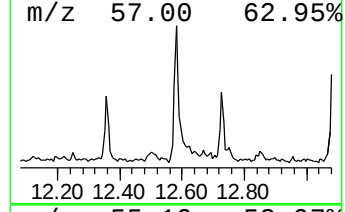
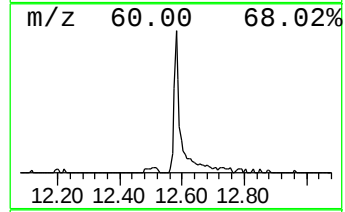
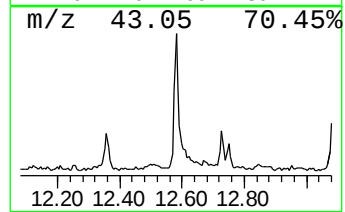
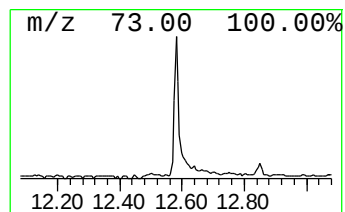
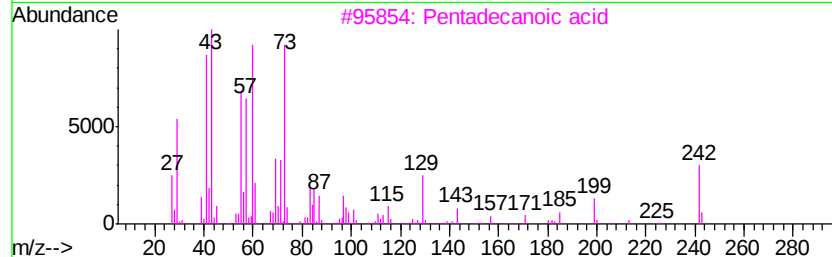
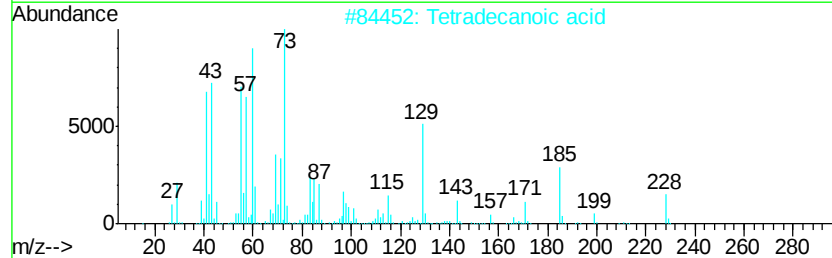
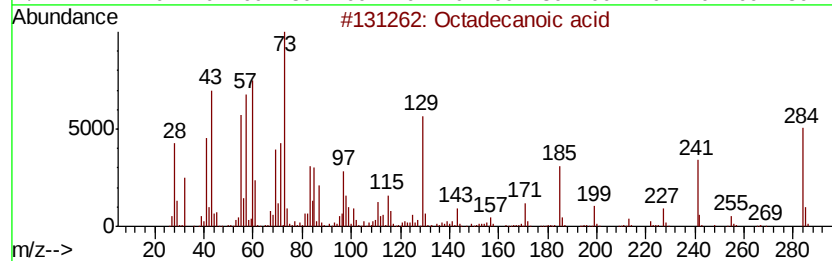
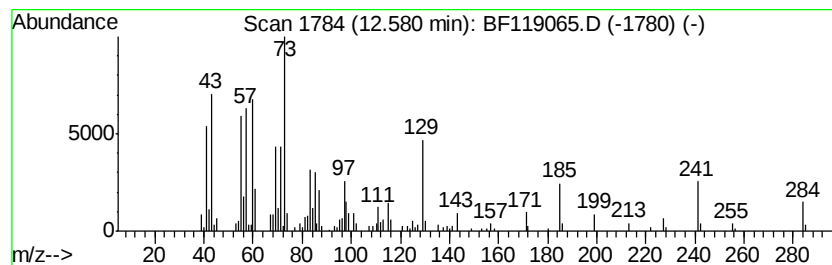
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Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	5.62 ng	301974	Phenanthrene-d10	11.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25



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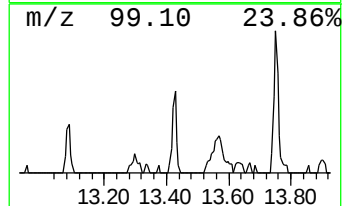
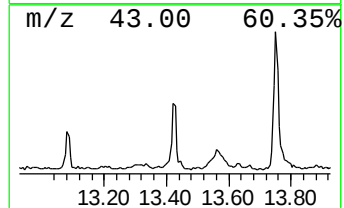
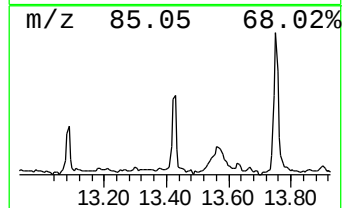
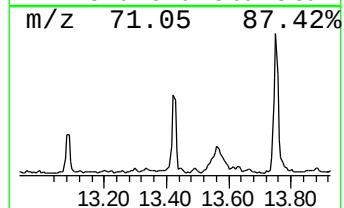
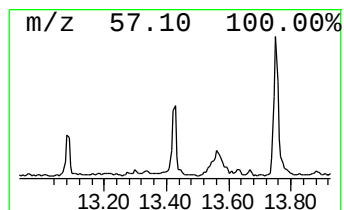
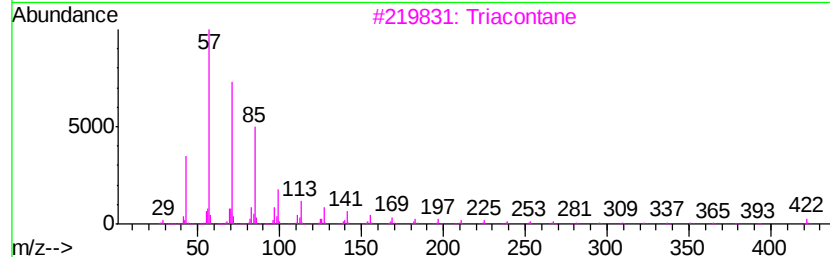
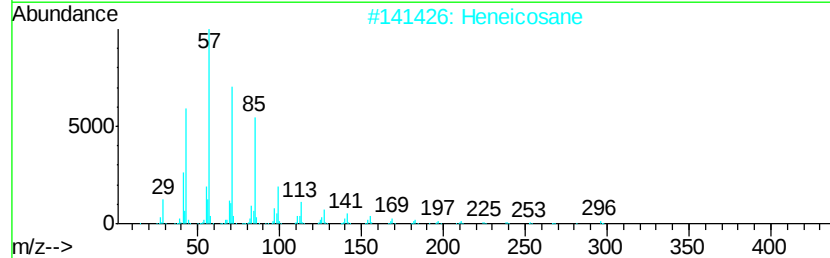
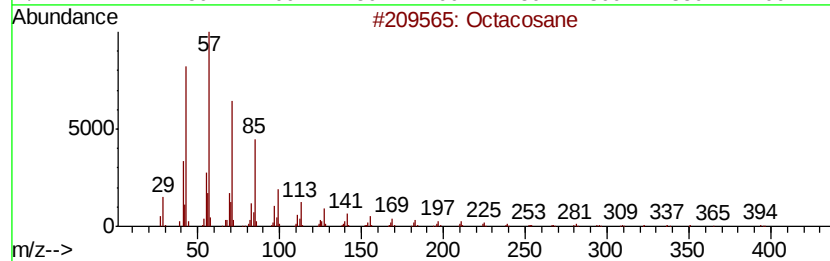
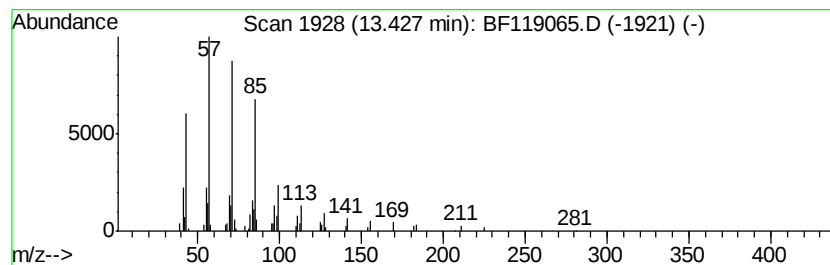
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Peak Number 6 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.25 ng	97840	Chrysene-d12	13.90

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		Triacontane	422	C30H62	000638-68-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



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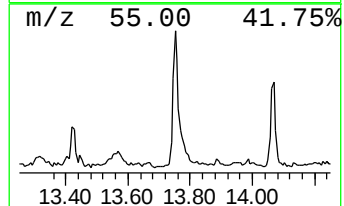
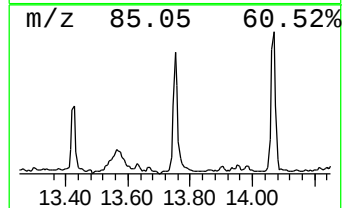
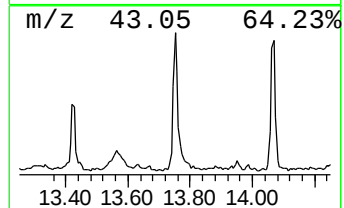
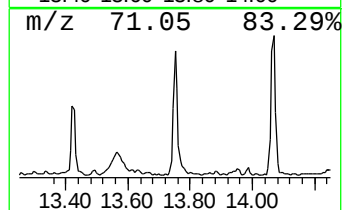
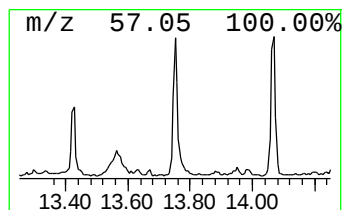
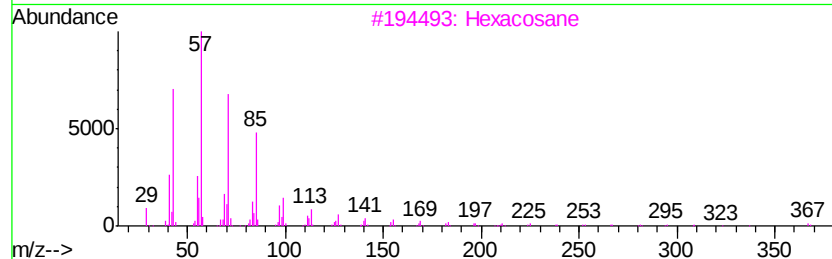
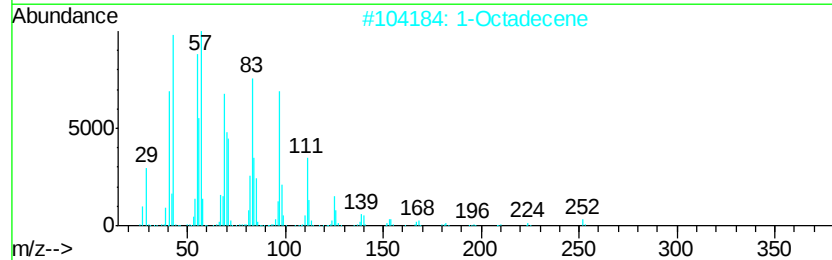
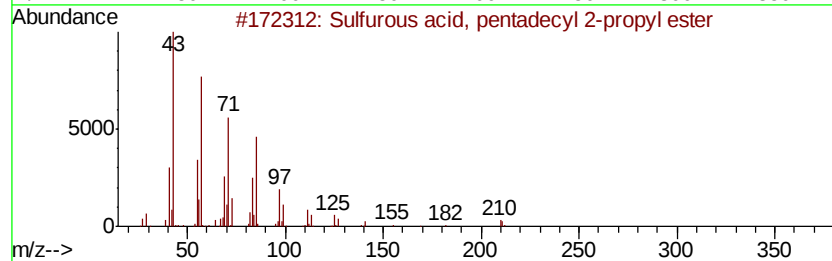
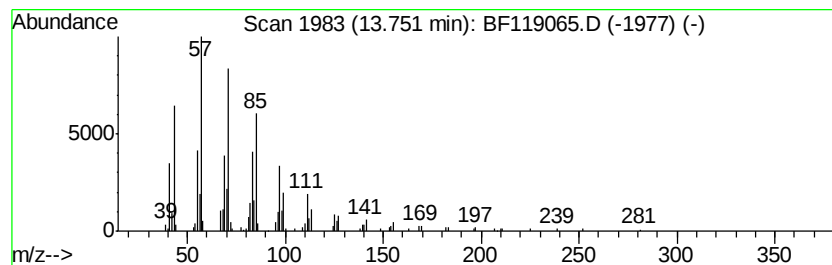
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Peak Number 7 Sulfurous acid, pentadecyl ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	7.61 ng	331051	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
2		1-Octadecene	252	C18H36	000112-88-9	70
3		Hexacosane	366	C26H54	000630-01-3	62
4		Heptadecane	240	C17H36	000629-78-7	58
5		Hexadecane	226	C16H34	000544-76-3	58



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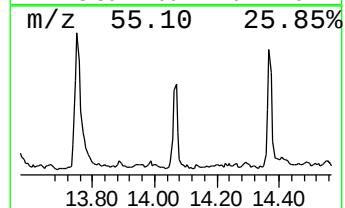
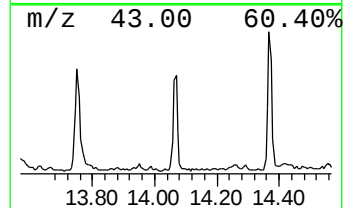
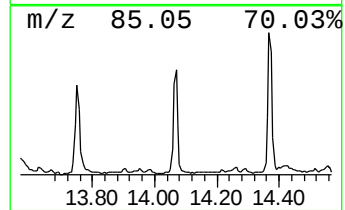
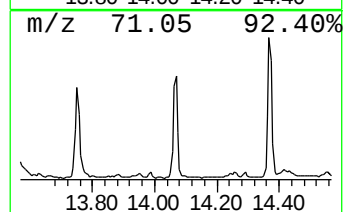
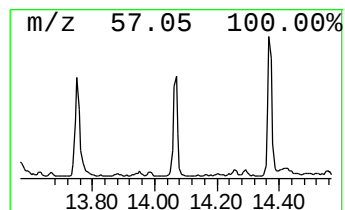
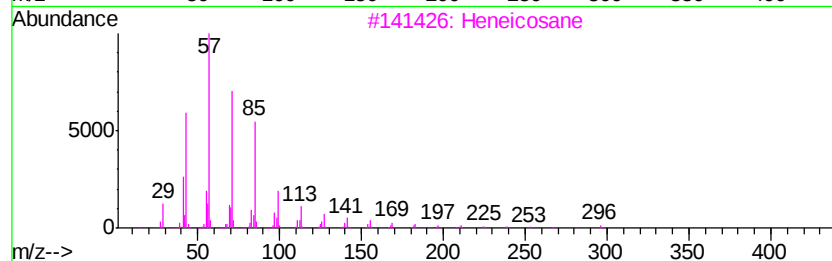
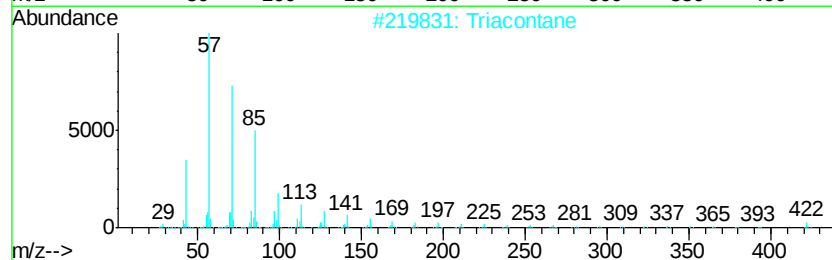
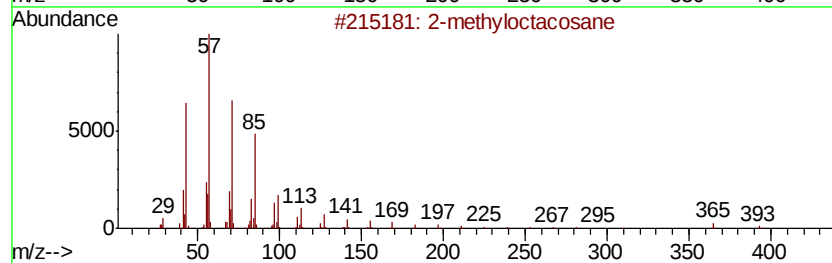
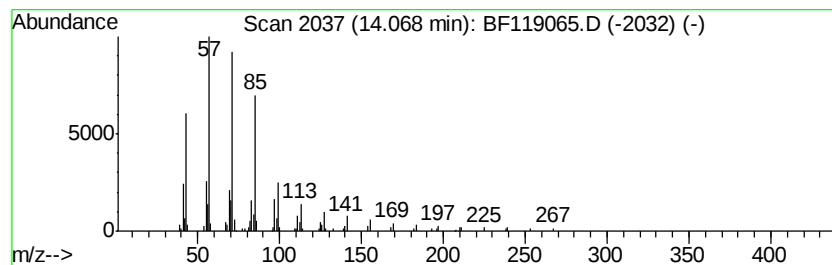
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	4.40 ng	191554	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119065.D
Acq On : 25 Feb 2020 15:21
Operator : CG/JU
Sample : L1586-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

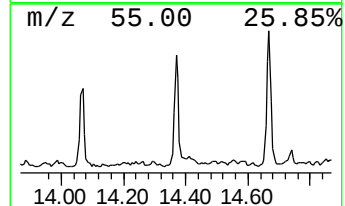
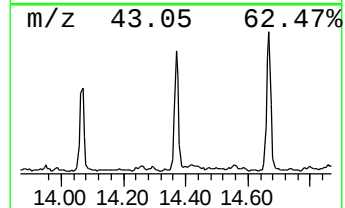
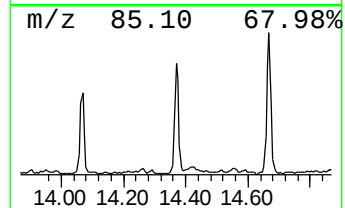
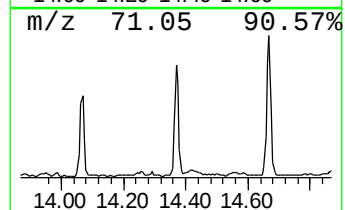
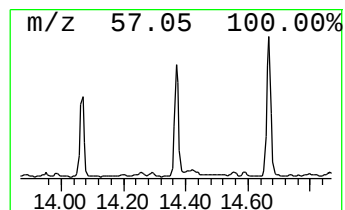
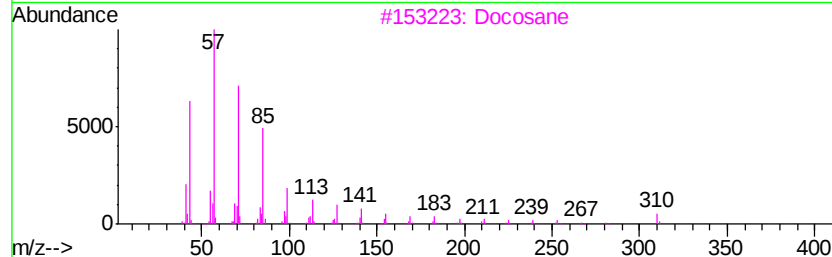
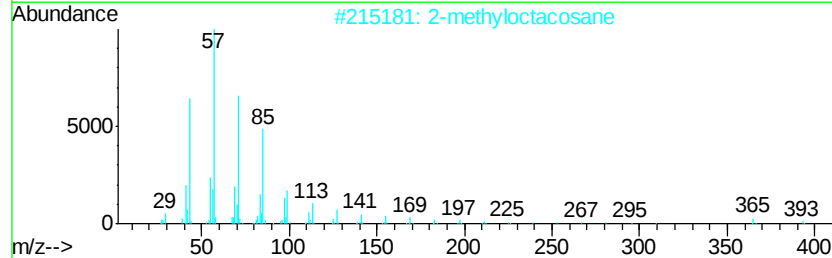
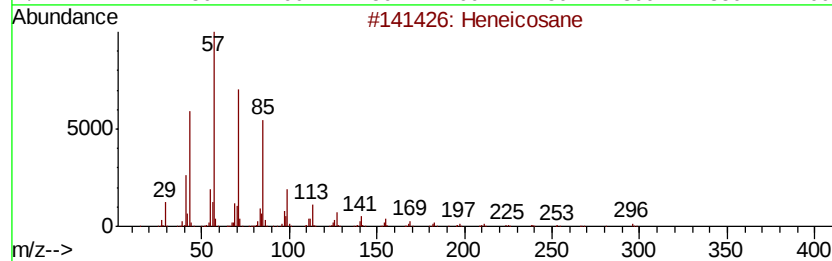
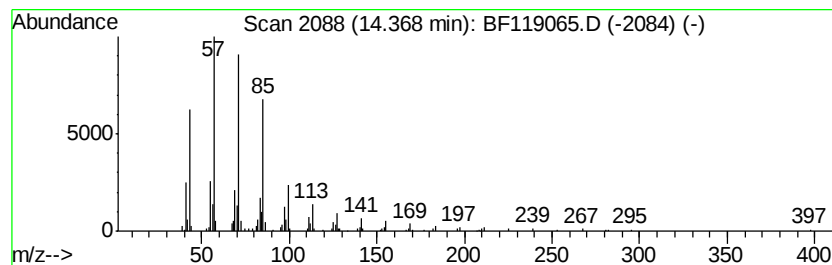
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	5.98 ng	260010	Chrysene-d12	13.90

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	Docosane	310	C22H46	000629-97-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119065.D
Acq On : 25 Feb 2020 15:21
Operator : CG/JU
Sample : L1586-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

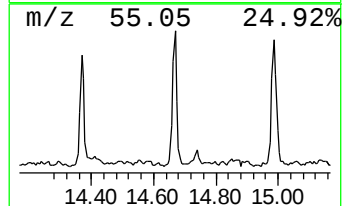
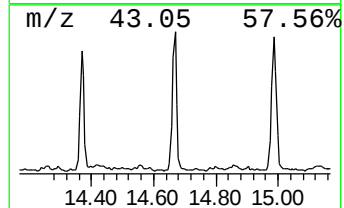
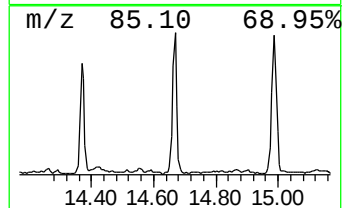
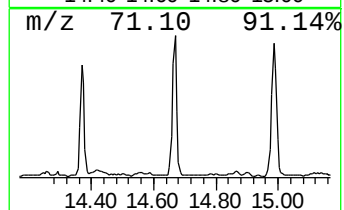
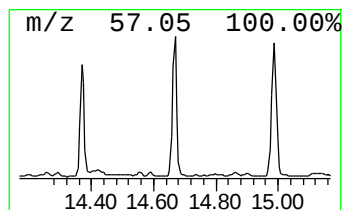
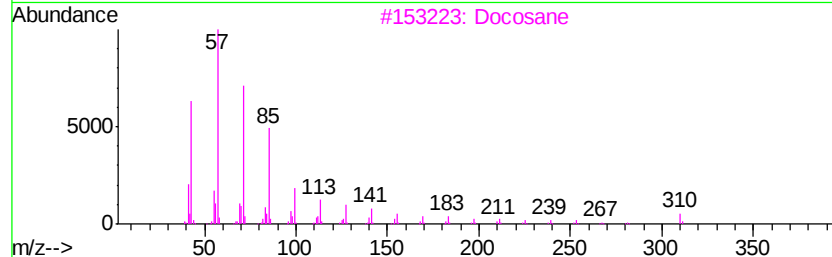
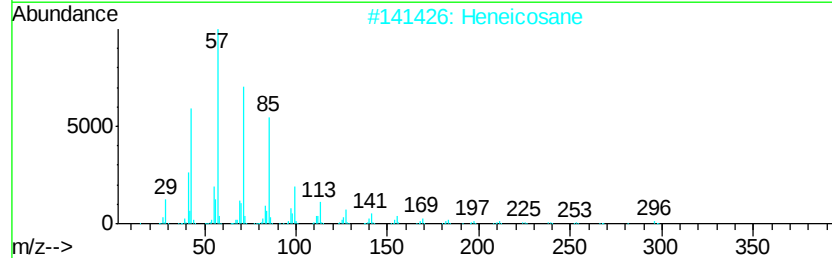
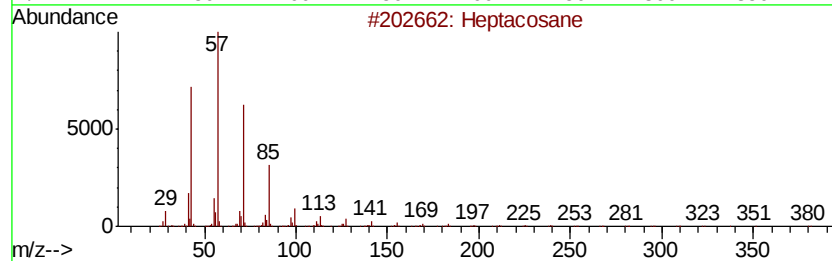
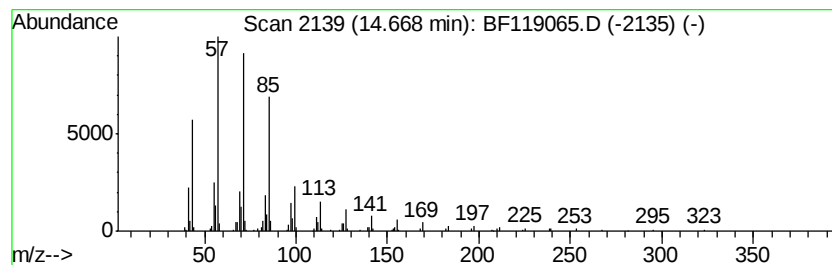
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	5.60 ng	318345	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane	310	C22H46	000629-97-0	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119065.D
Acq On : 25 Feb 2020 15:21
Operator : CG/JU
Sample : L1586-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0173-COMP-BT-A-MOD-ELUTRIATE

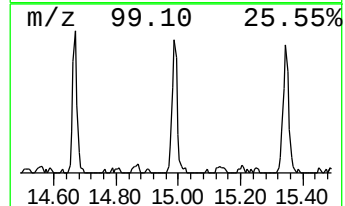
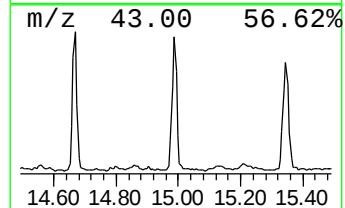
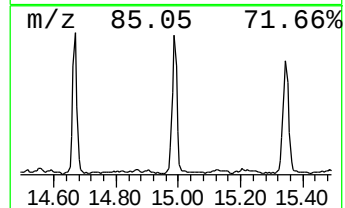
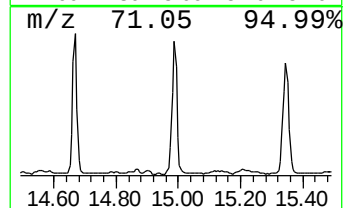
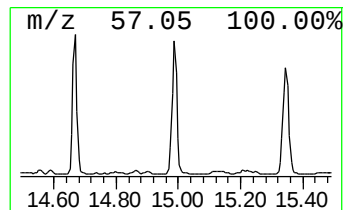
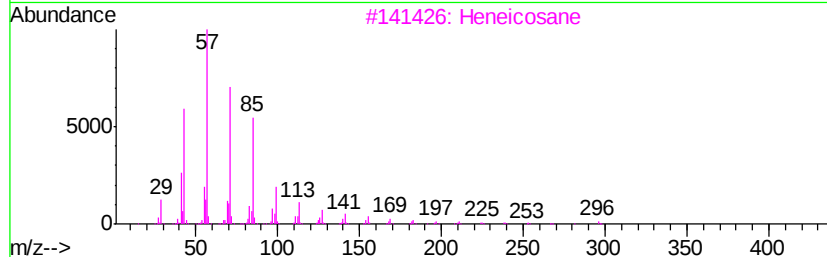
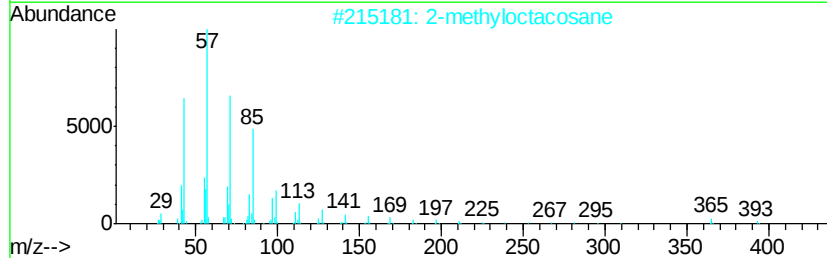
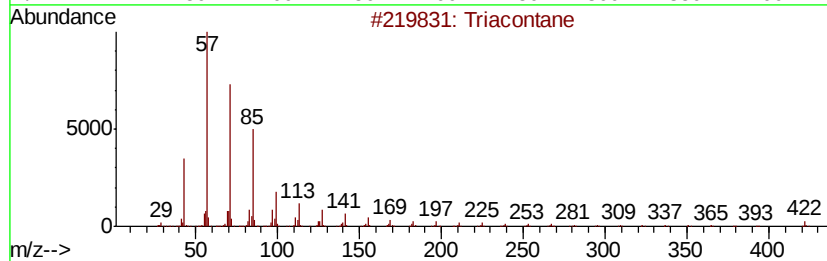
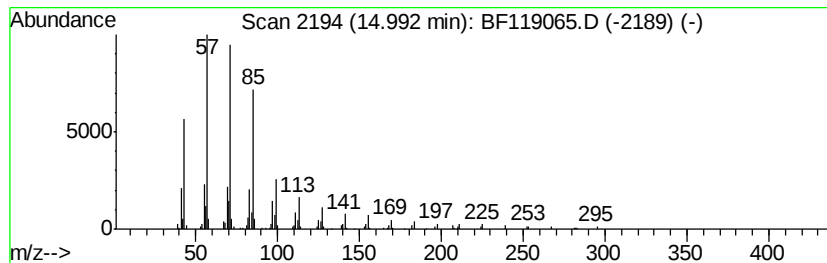
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.94 ng	337846	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119065.D
Acq On : 25 Feb 2020 15:21
Operator : CG/JU
Sample : L1586-08
Misc :
ALS Vial : 3 Sample Multiplier: 1

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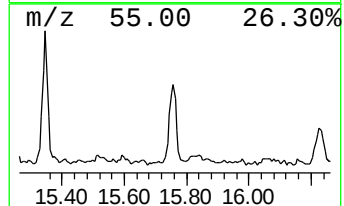
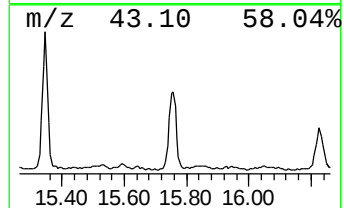
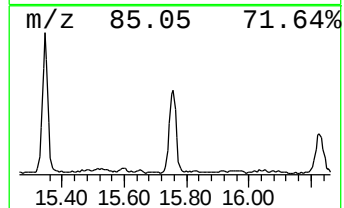
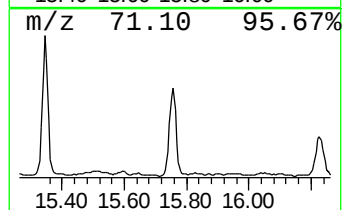
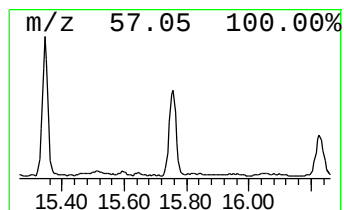
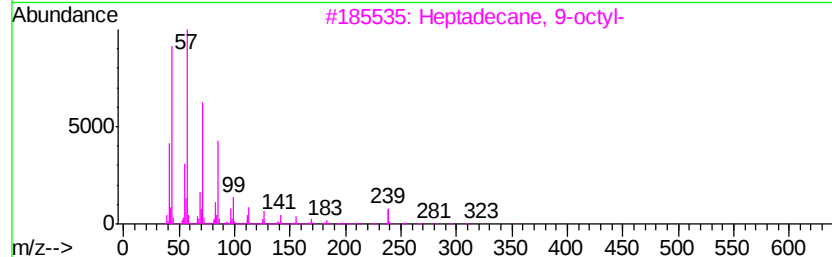
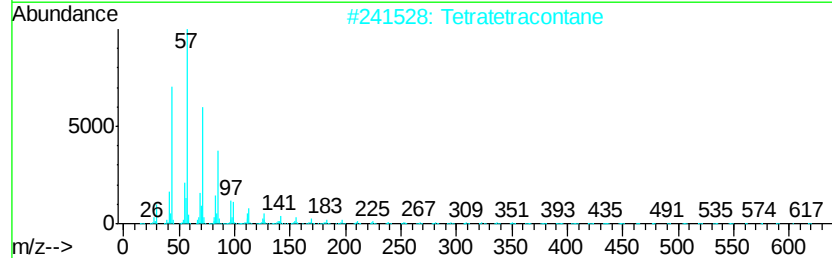
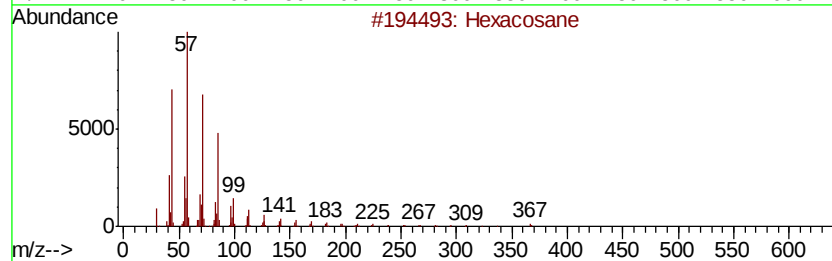
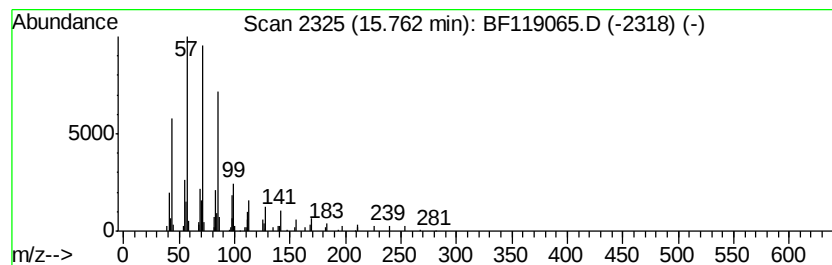
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	4.22 ng	239991	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	91
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119065.D
Acq On : 25 Feb 2020 15:21
Operator : CG/JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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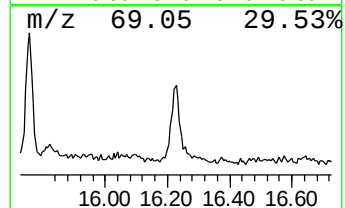
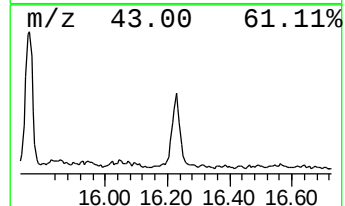
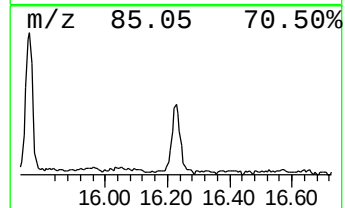
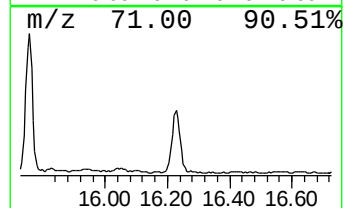
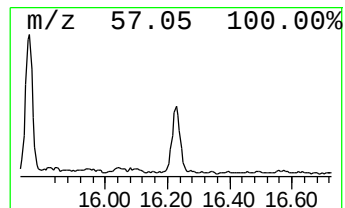
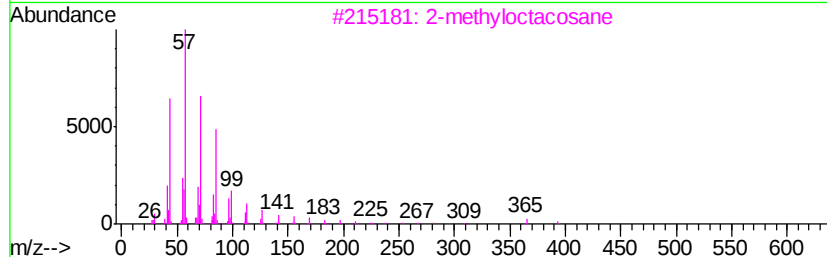
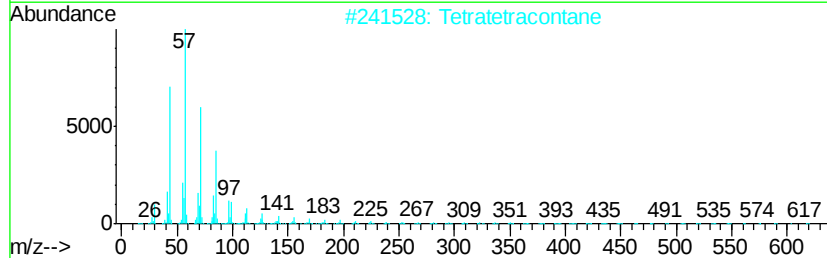
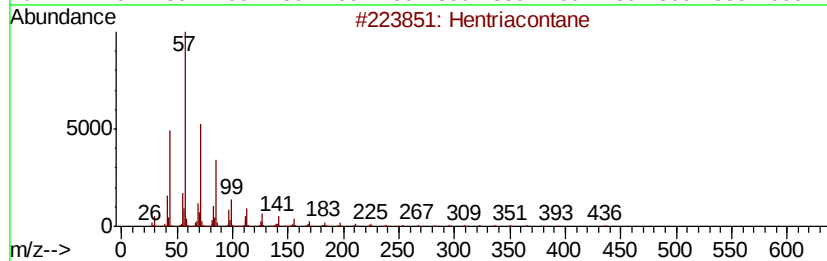
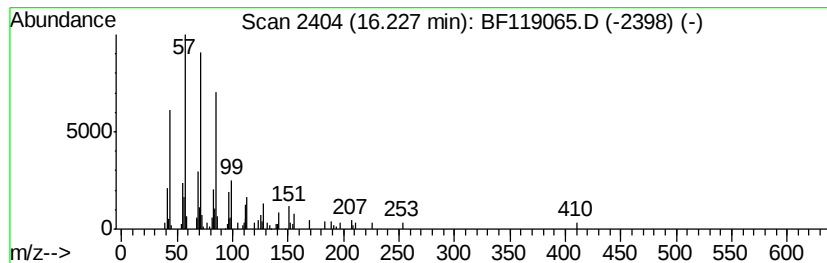
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.23	3.12 ng	177254	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	87
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022520\
 Data File : BF119065.D
 Acq On : 25 Feb 2020 15:21
 Operator : CG/JU
 Sample : L1586-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 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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n-Hexadecanoic acid	11.80	9.0	ng	481900	4	11.27	1073950	20.0
Octadecanoic acid	12.58	5.6	ng	301974	4	11.27	1073950	20.0
Octacosane	13.43	2.3	ng	97840	5	13.90	870082	20.0
Sulfurous acid, p...	13.75	7.6	ng	331051	5	13.90	870082	20.0
2-methyloctacosane	14.07	4.4	ng	191554	5	13.90	870082	20.0
Heneicosane	14.37	6.0	ng	260010	5	13.90	870082	20.0
Heptacosane	14.67	5.6	ng	318345	6	15.33	1136980	20.0
triacontane	14.99	5.9	ng	337846	6	15.33	1136980	20.0
Hexacosane	15.76	4.2	ng	239991	6	15.33	1136980	20.0
Hentriacontane	16.23	3.1	ng	177254	6	15.33	1136980	20.0