

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
 Data File : BF120170.D
 Acq On : 23 Apr 2020 18:18
 Operator : MA/SJ
 Sample : L2330-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-3

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-BF040820.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	5.257	535	539	551	rBV	2155828	2101870	32.47%	4.648%
2	6.298	712	716	729	rBV	1557648	1376910	21.27%	3.045%
3	6.498	747	750	756	rBV	113070	111519	1.72%	0.247%
4	6.663	774	778	782	rBV	913017	776153	11.99%	1.716%
5	6.822	800	805	808	rBV	3356406	3163888	48.88%	6.996%
6	7.234	869	875	878	rBV	2951311	3021530	46.68%	6.681%
7	7.945	992	996	1000	rBV	1318032	1052640	16.26%	2.328%
8	8.051	1011	1014	1020	rVB	115543	95673	1.48%	0.212%
9	9.028	1174	1180	1183	rBV	5739072	5590115	86.36%	12.361%
10	9.422	1243	1247	1250	rBV	319456	259589	4.01%	0.574%
11	9.698	1290	1294	1298	rBV	1599806	1282231	19.81%	2.835%
12	10.492	1423	1429	1432	rBV	4037107	3922074	60.59%	8.673%
13	11.180	1542	1546	1550	rBV	1651390	1359357	21.00%	3.006%
14	11.733	1634	1640	1661	rBV	1558126	1801605	27.83%	3.984%
15	12.410	1752	1755	1757	rBV2	102934	105637	1.63%	0.234%
16	12.427	1757	1758	1766	rVB2	67666	84303	1.30%	0.186%
17	12.516	1768	1773	1786	rBV	1667503	1796584	27.76%	3.973%
18	12.780	1812	1818	1821	rBV	6007717	6472777	100.00%	14.313%
19	13.680	1968	1971	1985	rVB2	332453	456293	7.05%	1.009%
20	13.815	1990	1994	1998	rBV	1271789	1189572	18.38%	2.630%
21	13.998	2021	2025	2033	rVB	471004	413431	6.39%	0.914%
22	14.304	2073	2077	2080	rBV	832787	750668	11.60%	1.660%
23	14.598	2123	2127	2131	rBV	1415422	1295871	20.02%	2.866%
24	14.910	2176	2180	2188	rBV	1327672	1534032	23.70%	3.392%
25	15.221	2228	2233	2236	rBV	920615	1064605	16.45%	2.354%
26	15.262	2236	2240	2249	rVB	1418284	1684953	26.03%	3.726%
27	15.662	2301	2308	2316	rBV	966995	1367251	21.12%	3.023%
28	16.121	2378	2386	2395	rBV	444892	764424	11.81%	1.690%
29	16.656	2470	2477	2485	rBV2	123298	247228	3.82%	0.547%
30	17.292	2579	2585	2595	rVB3	34958	80322	1.24%	0.178%

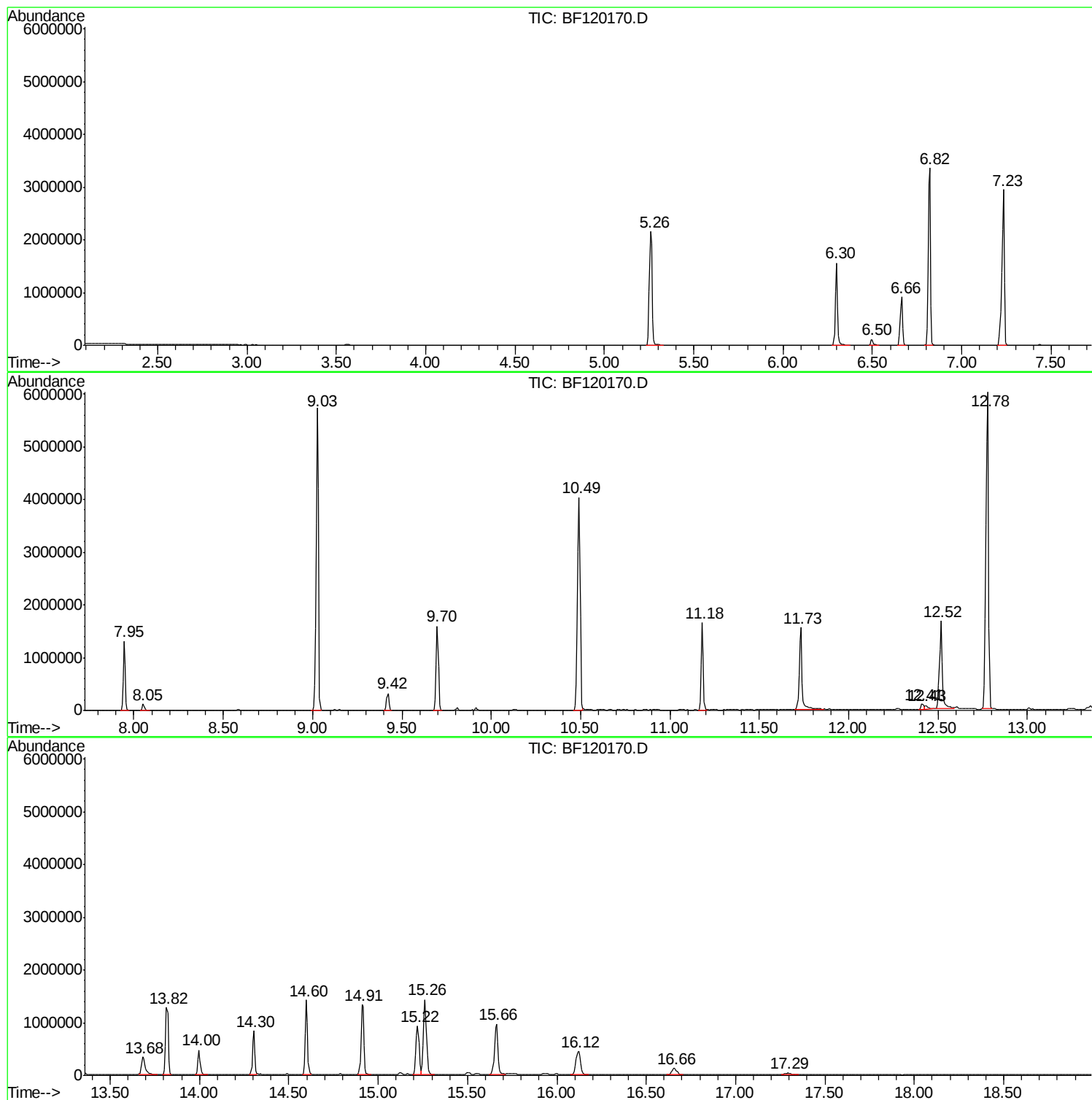
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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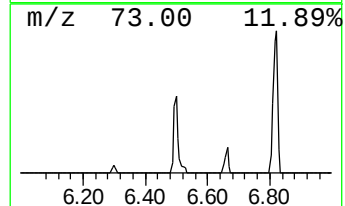
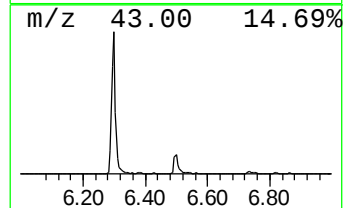
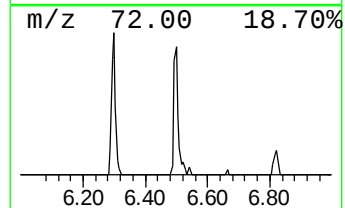
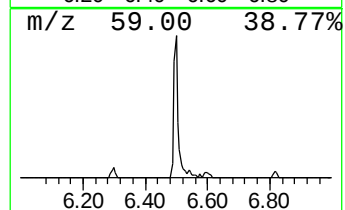
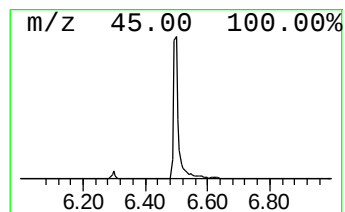
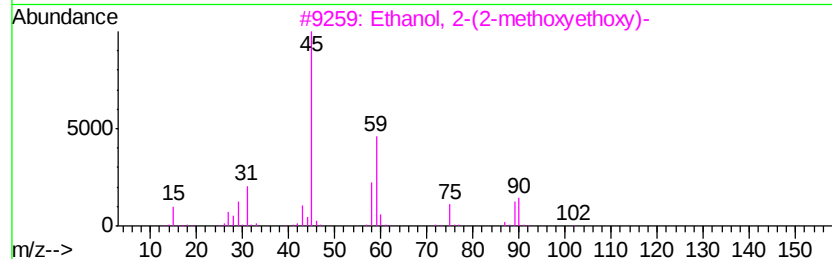
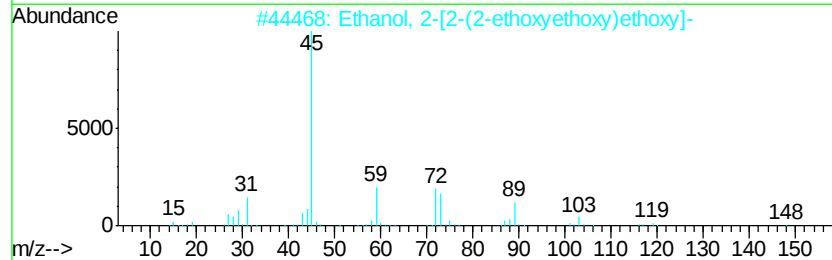
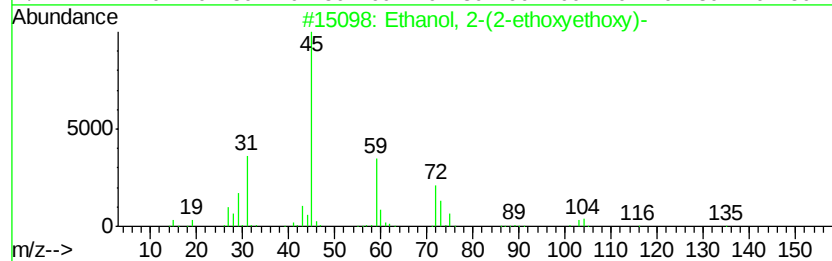
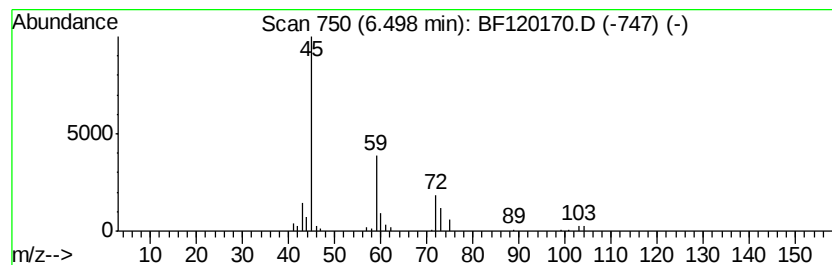
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	2.87 ng	111519	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	53
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
4		2-Propanol, 1-propoxy-	118	C6H14O2	001569-01-3	39
5		Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	39



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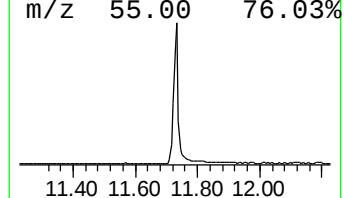
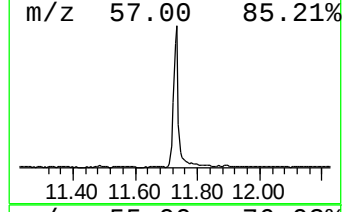
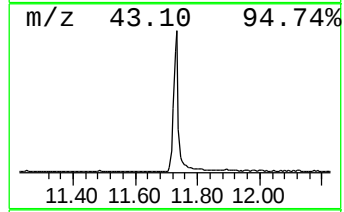
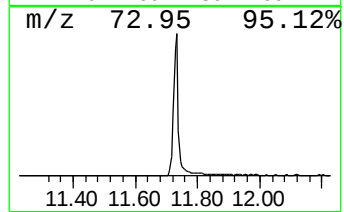
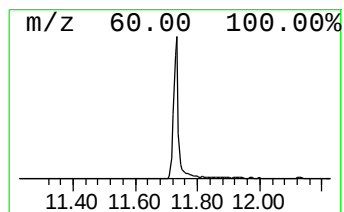
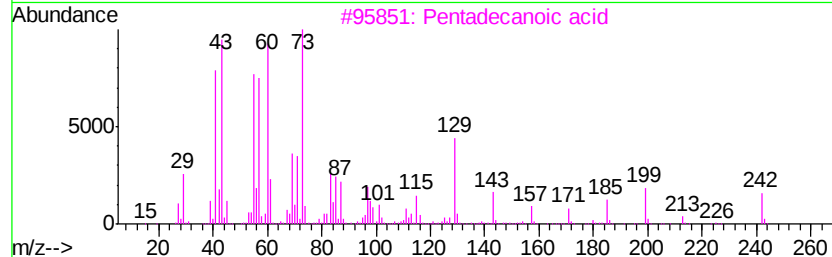
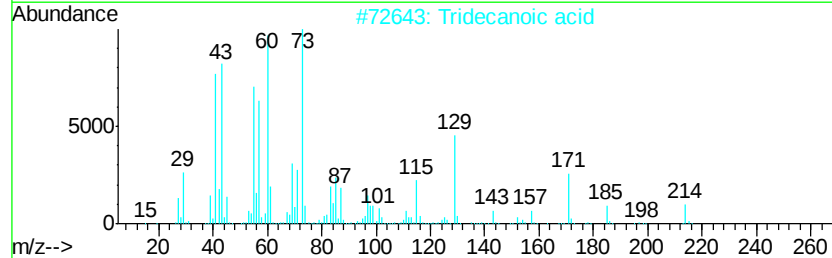
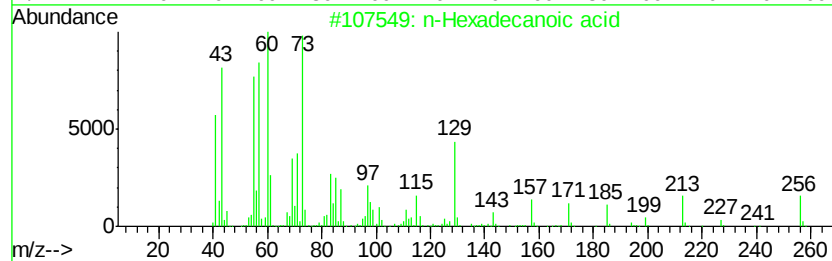
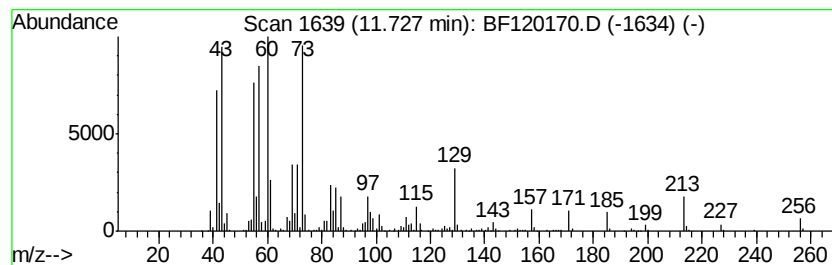
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	26.51 ng	1801610	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



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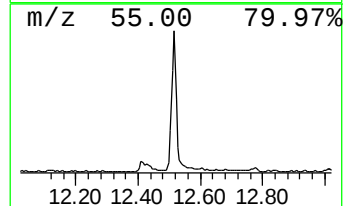
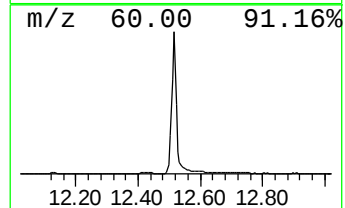
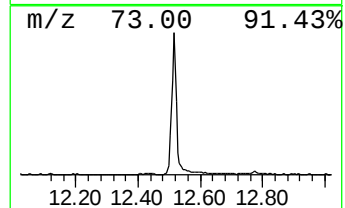
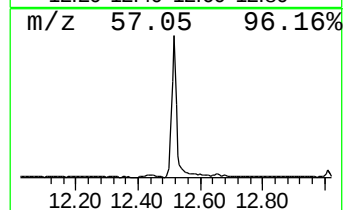
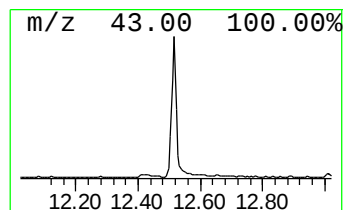
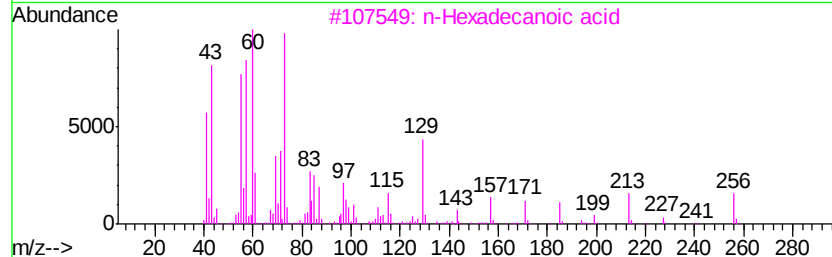
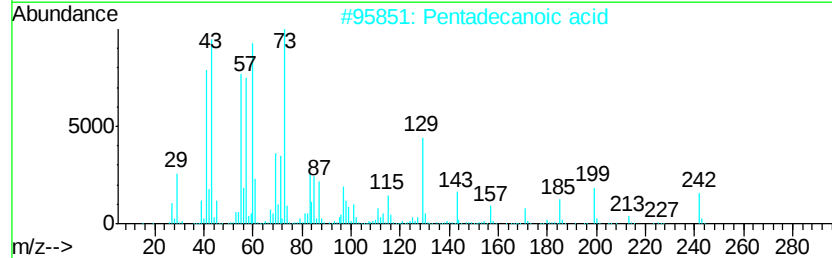
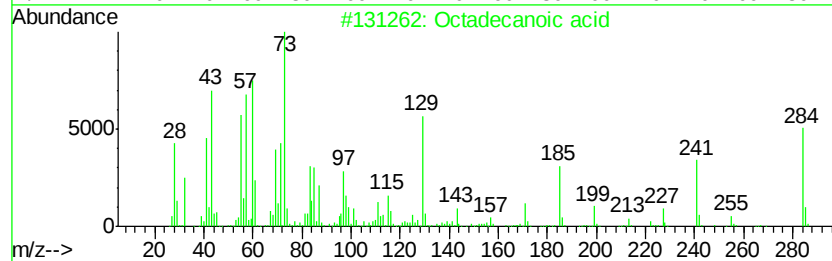
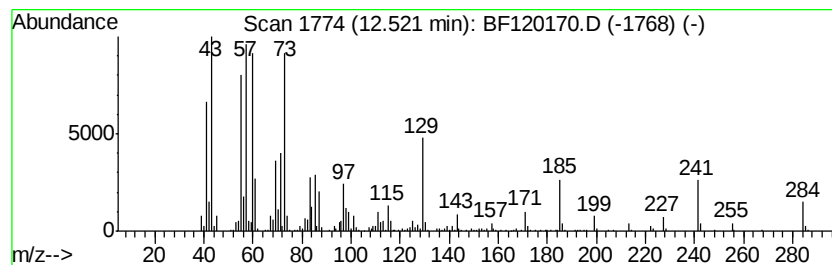
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	30.21 ng	1796580	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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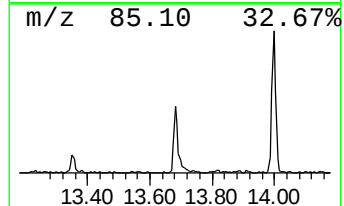
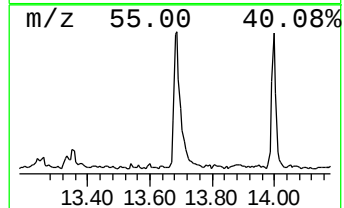
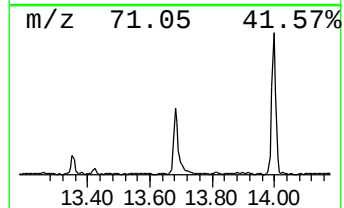
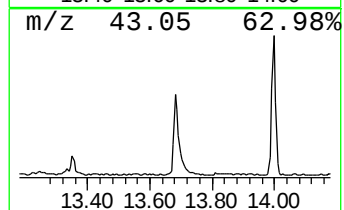
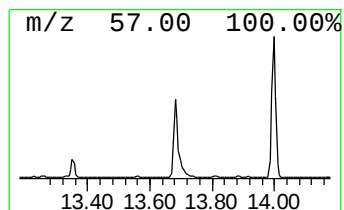
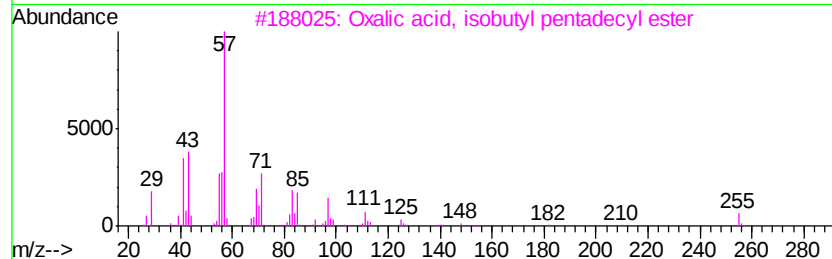
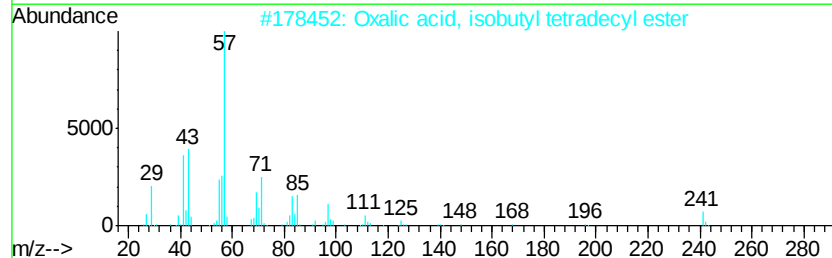
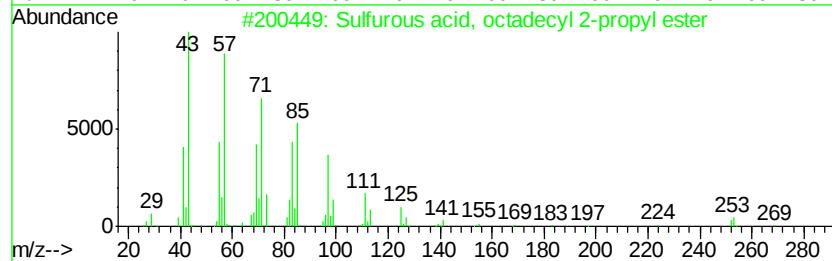
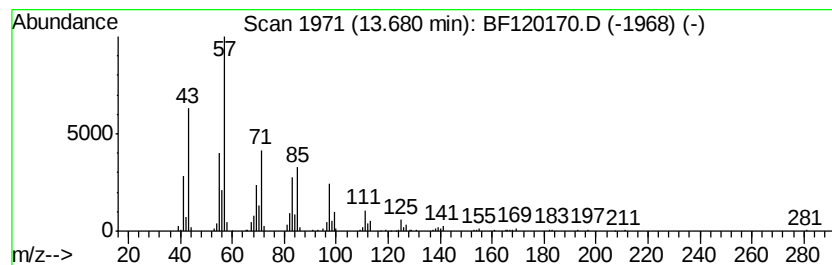
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Peak Number 5 Sulfurous acid, octadecyl 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	7.67 ng	456293	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	64
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
5		Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	58



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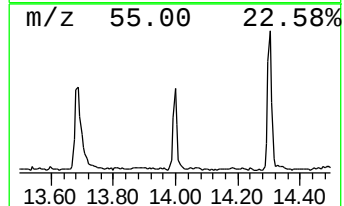
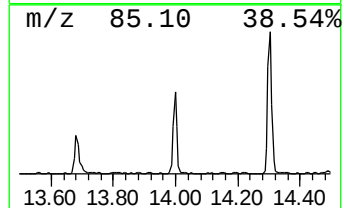
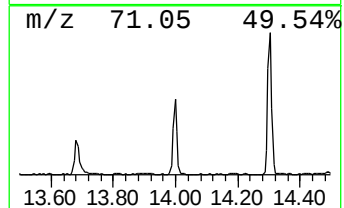
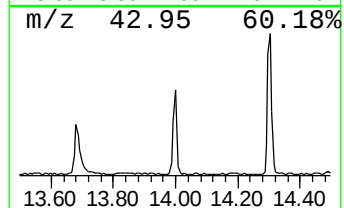
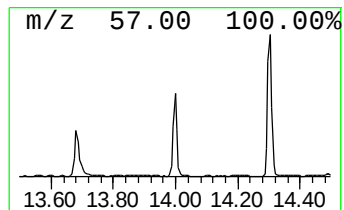
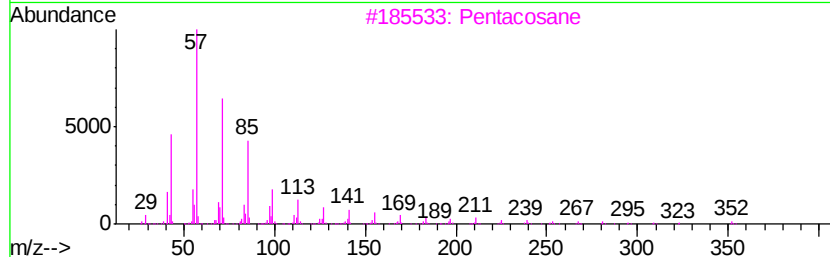
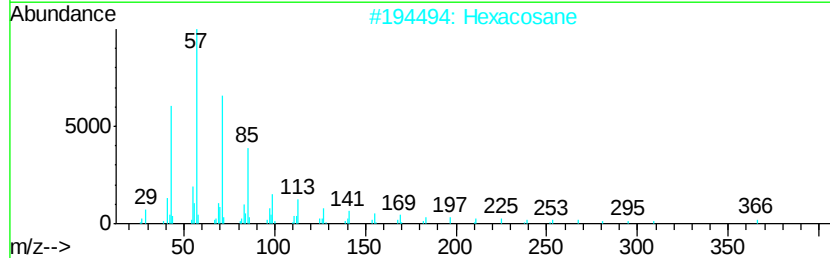
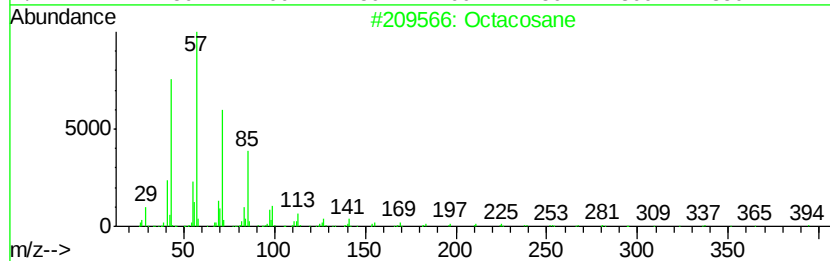
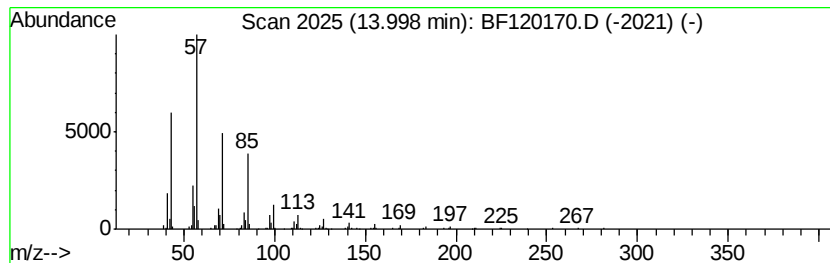
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Peak Number 6 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	6.95 ng	413431	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Nonadecane	268	C19H40	000629-92-5	90



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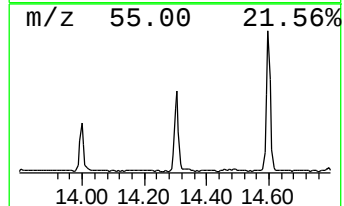
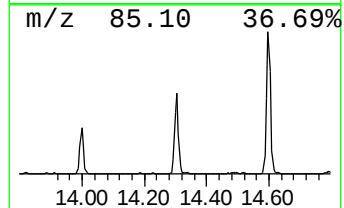
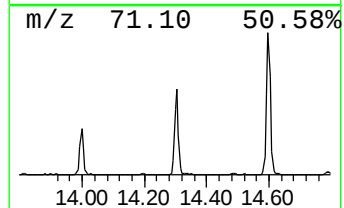
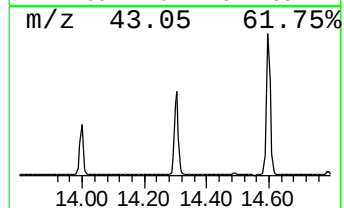
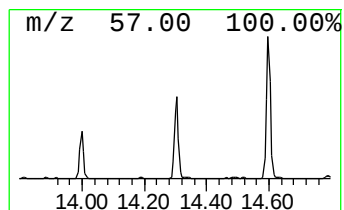
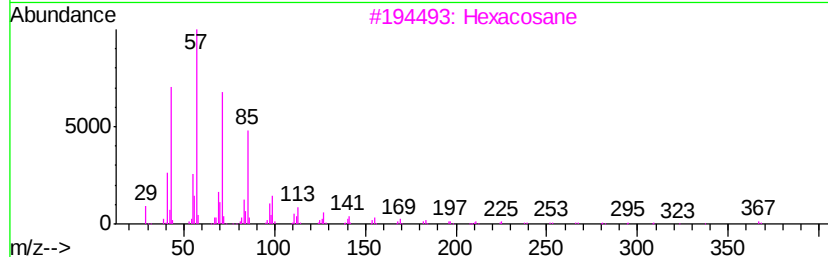
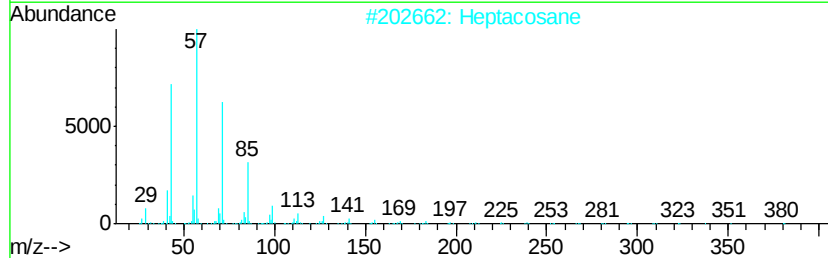
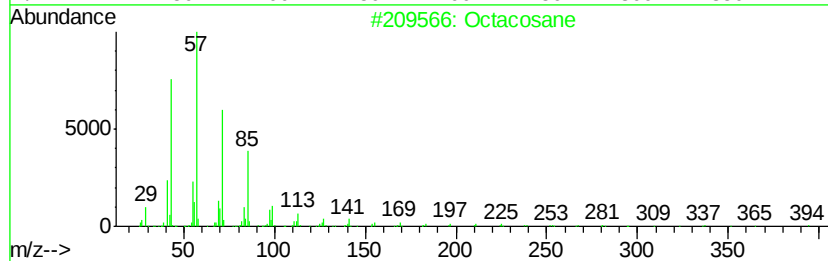
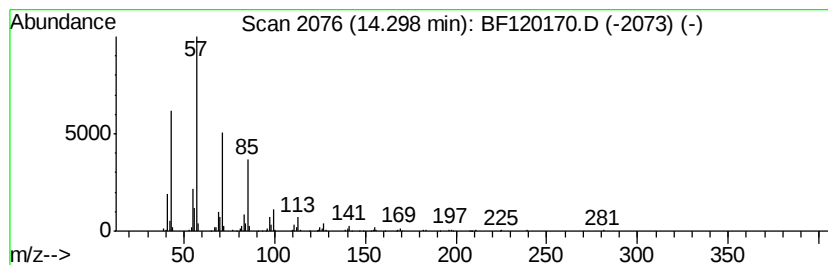
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	12.62 ng	750668	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Pentacosane		352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120170.D
Acq On : 23 Apr 2020 18:18
Operator : MA/SJ
Sample : L2330-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-TWP-3

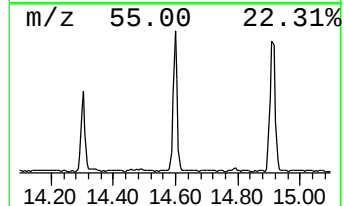
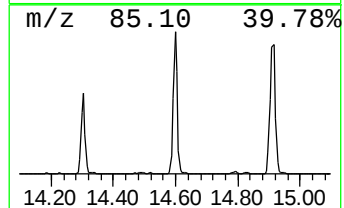
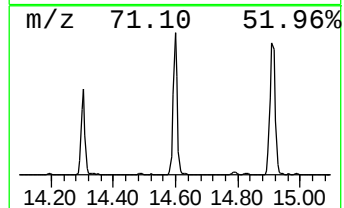
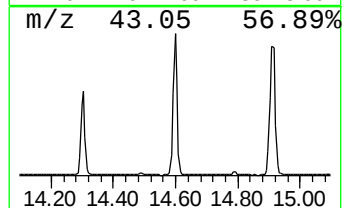
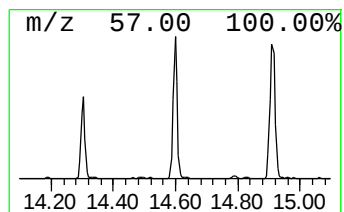
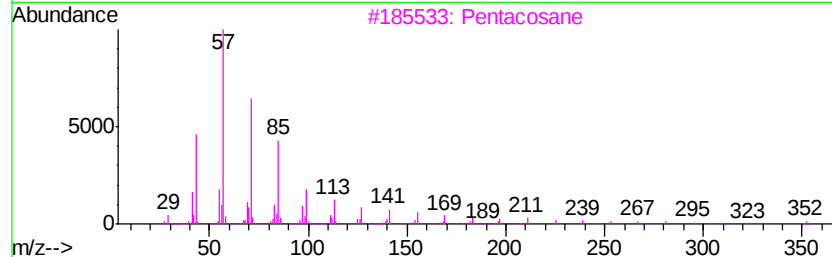
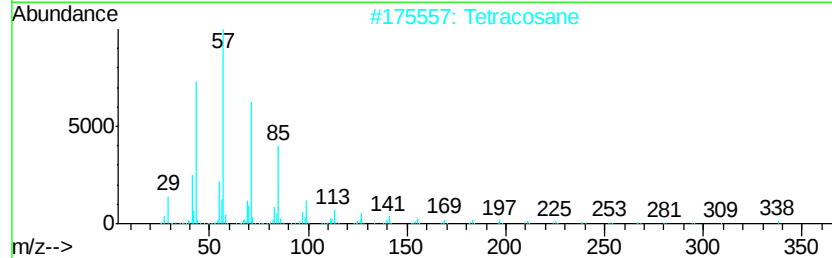
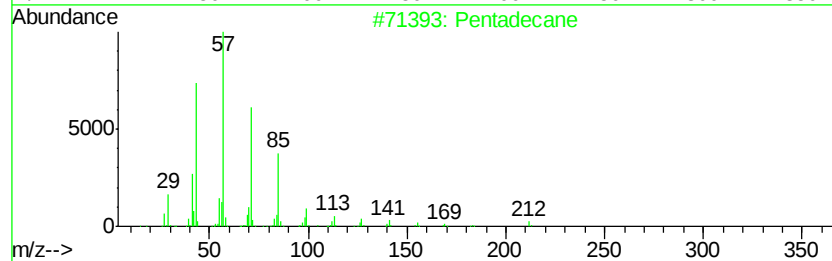
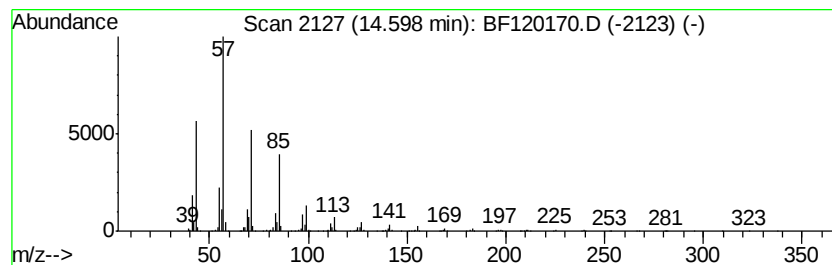
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	24.34 ng	1295870	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Tetracosane		338	C24H50	000646-31-1	91
3	Pentacosane		352	C25H52	000629-99-2	91
4	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	90
5	Octadecane		254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120170.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
WB-TWP-3

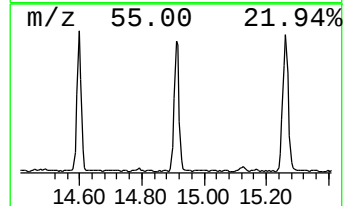
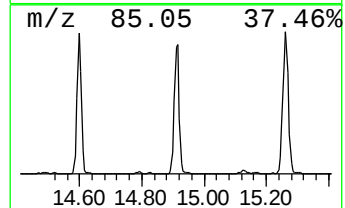
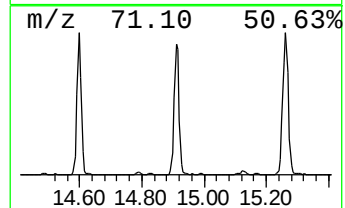
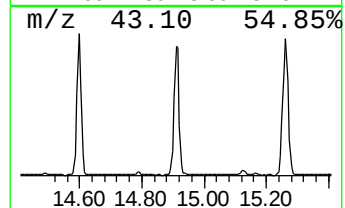
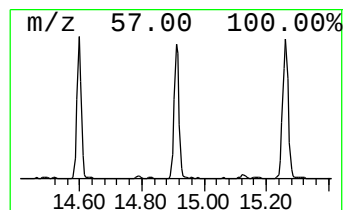
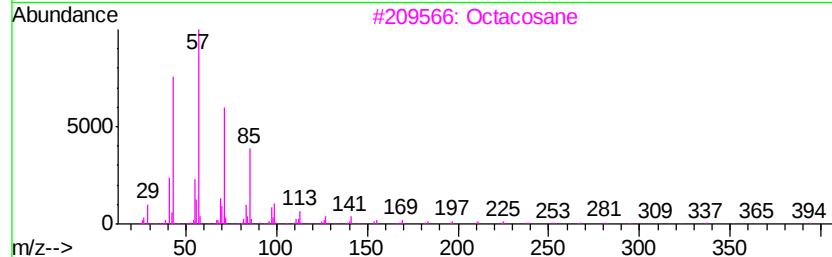
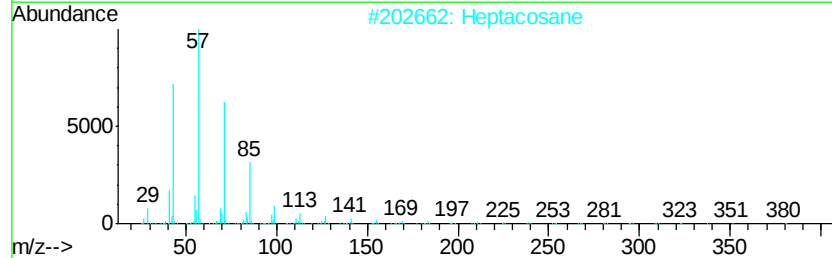
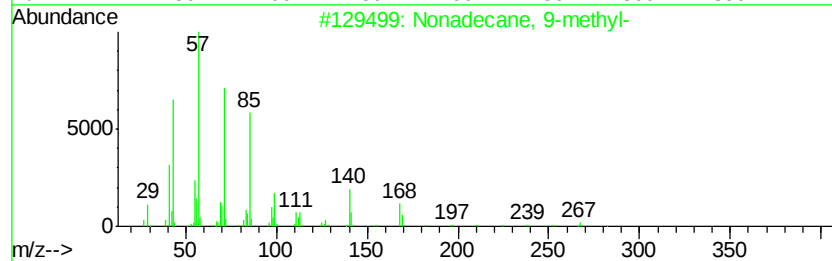
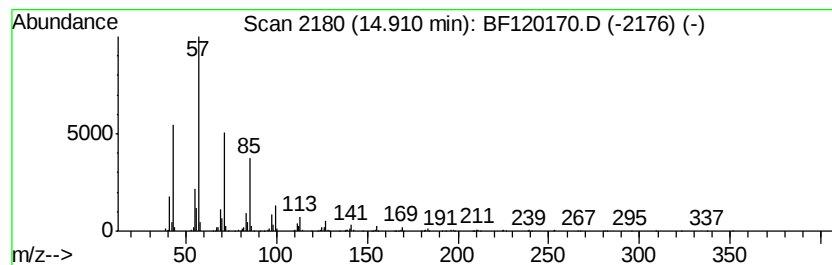
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	28.82 ng	1534030	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120170.D
Acq On : 23 Apr 2020 18:18
Operator : MA/SJ
Sample : L2330-20
Misc :
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Instrument :
BNA_F
ClientSampleId :
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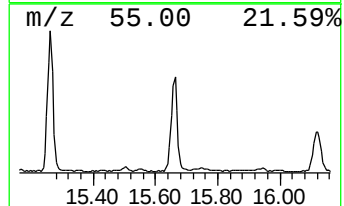
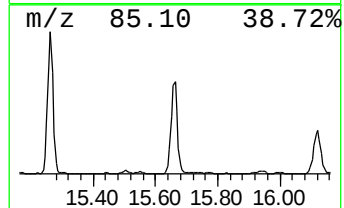
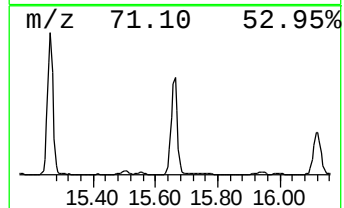
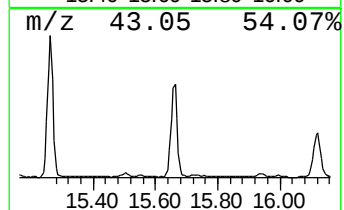
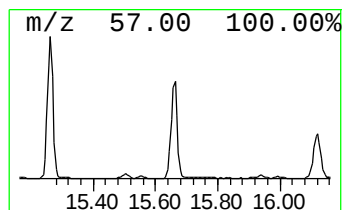
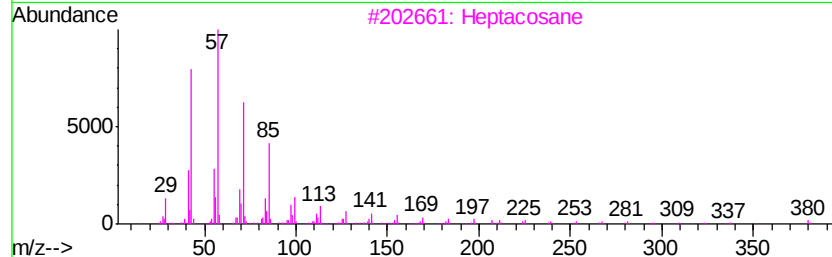
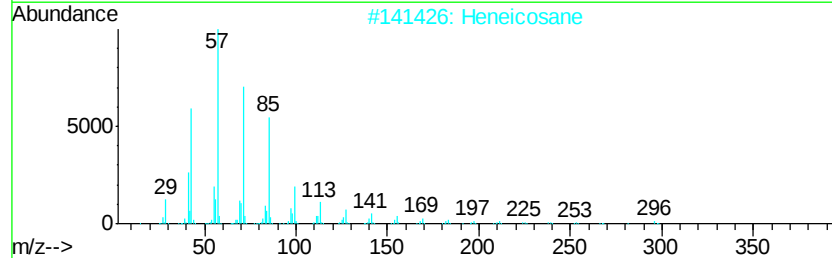
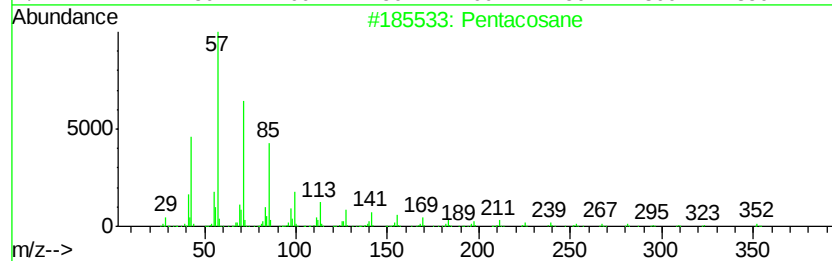
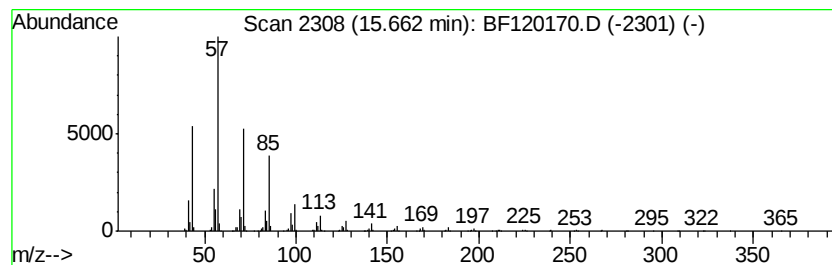
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	25.69 ng	1367250	Perylene-d12	15.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Heptacosane		380	C27H56	000593-49-7	90
4	2-methyloctacosane		408	C29H60	1000376-72-8	90
5	Octadecane		254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120170.D
Acq On : 23 Apr 2020 18:18
Operator : MA/SJ
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Misc :
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Instrument :
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ClientSampleId :
WB-TWP-3

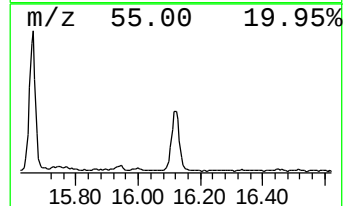
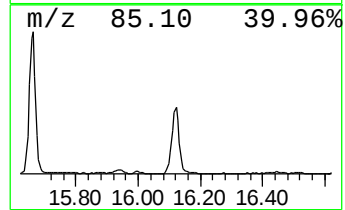
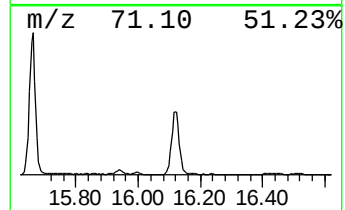
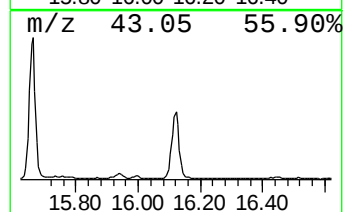
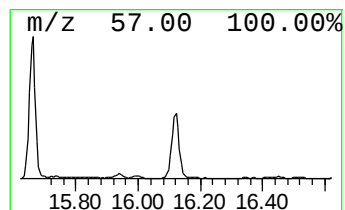
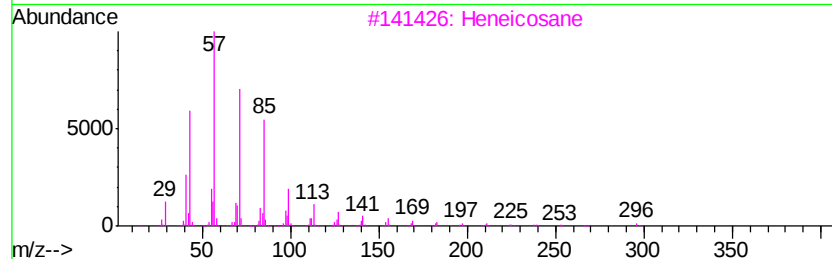
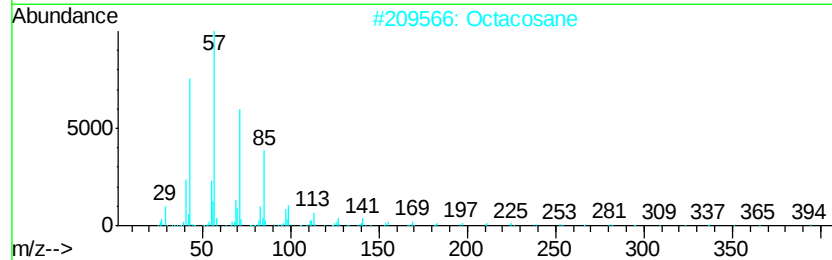
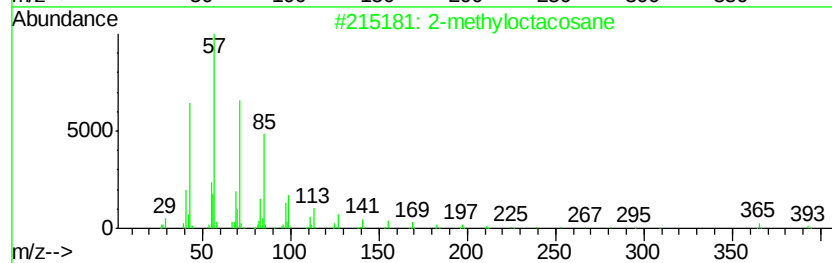
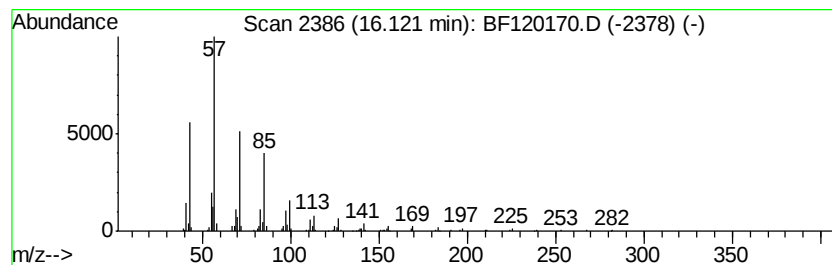
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	14.36 ng	764424	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heptacosane	380	C27H56	000593-49-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120170.D
Acq On : 23 Apr 2020 18:18
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Misc :
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ClientSampleId :
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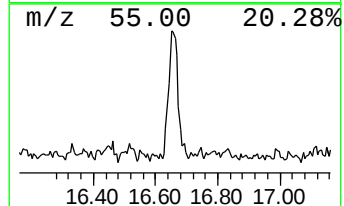
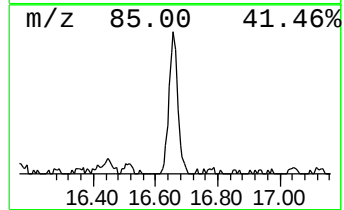
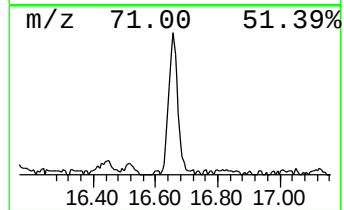
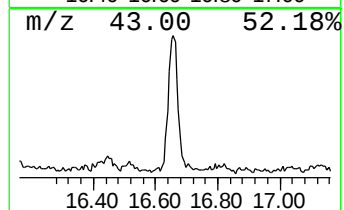
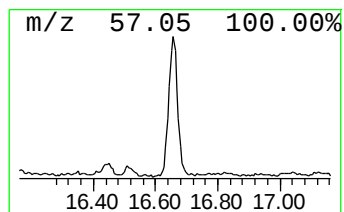
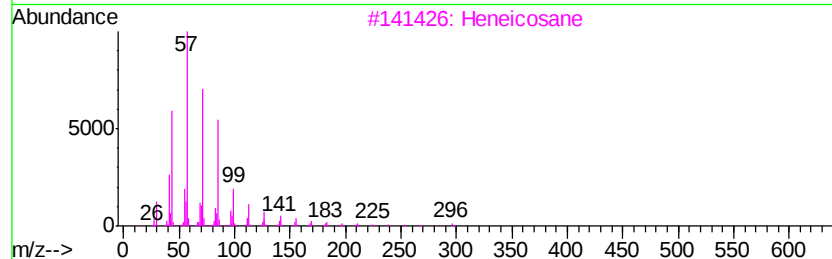
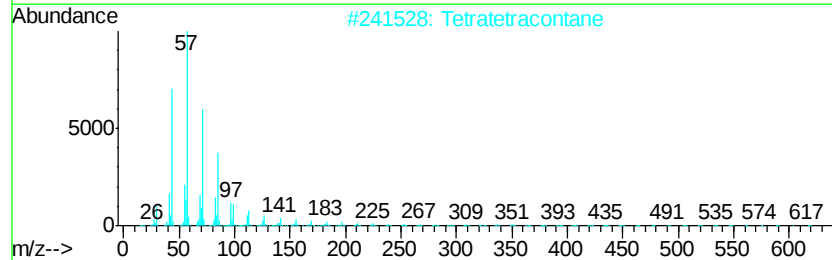
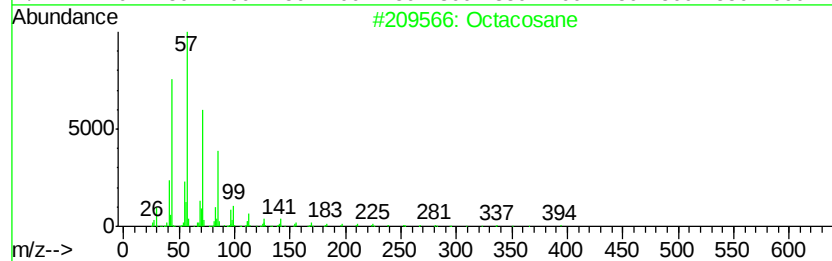
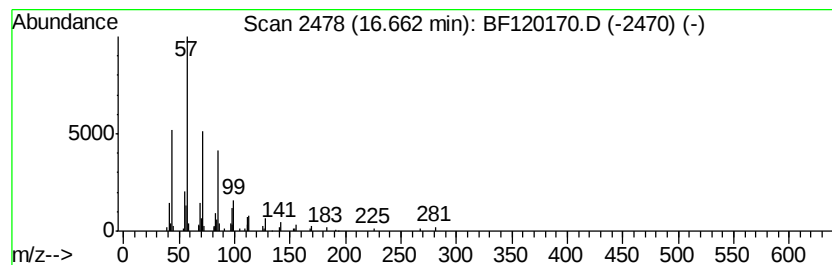
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	4.64 ng	247228	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Heneicosane	296	C21H44	000629-94-7	83
4			Hexadecane	226	C16H34	000544-76-3	80
5			Nonadecane	268	C19H40	000629-92-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
 Data File : BF120170.D
 Acq On : 23 Apr 2020 18:18
 Operator : MA/SJ
 Sample : L2330-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 WB-TWP-3

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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	11.73	26.5	ng	1801610	4	11.18	1359360	20.0
Octadecanoic acid	12.52	30.2	ng	1796580	5	13.82	1189570	20.0
Sulfurous acid, o...	13.68	7.7	ng	456293	5	13.82	1189570	20.0
Octacosane	14.00	7.0	ng	413431	5	13.82	1189570	20.0
Heptacosane	14.30	12.6	ng	750668	5	13.82	1189570	20.0
Pentadecane	14.60	24.3	ng	1295870	6	15.22	1064610	20.0
Nonadecane, 9-met...	14.91	28.8	ng	1534030	6	15.22	1064610	20.0
Pentacosane	15.66	25.7	ng	1367250	6	15.22	1064610	20.0
2-methyloctacosane	16.12	14.4	ng	764424	6	15.22	1064610	20.0
Tetratetracontane	16.66	4.6	ng	247228	6	15.22	1064610	20.0