

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
 Data File : BF120166.D
 Acq On : 23 Apr 2020 16:30
 Operator : MA/SJ
 Sample : L2330-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-TWP-4

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	557	rBV	2362034	2225575	34.03%	6.134%
2	6.298	712	716	729	rBV	1510539	1477084	22.58%	4.071%
3	6.493	746	749	762	rBV	159030	173771	2.66%	0.479%
4	6.657	774	777	781	rBV	866296	811172	12.40%	2.236%
5	6.816	799	804	808	rBV	3177037	3229150	49.37%	8.900%
6	7.234	868	875	878	rBV	2746162	3061369	46.81%	8.437%
7	7.945	991	996	999	rBV	1303398	1066111	16.30%	2.938%
8	9.028	1174	1180	1183	rBV	5812168	5563530	85.07%	15.333%
9	9.422	1243	1247	1250	rBV	274830	238549	3.65%	0.657%
10	9.698	1289	1294	1297	rBV	1506933	1225413	18.74%	3.377%
11	10.492	1422	1429	1432	rBV	4126818	3990646	61.02%	10.998%
12	11.180	1542	1546	1549	rBV	1745790	1424298	21.78%	3.925%
13	11.722	1634	1638	1649	rBV	489446	554890	8.48%	1.529%
14	12.510	1768	1772	1785	rBV	537476	569420	8.71%	1.569%
15	12.780	1812	1818	1821	rBV	6064788	6540169	100.00%	18.025%
16	13.710	1973	1976	1987	rVB3	67756	144130	2.20%	0.397%
17	13.816	1990	1994	1998	rBV	1283417	1249692	19.11%	3.444%
18	13.998	2021	2025	2028	rBV	122198	100903	1.54%	0.278%
19	14.304	2073	2077	2081	rBV	214641	178475	2.73%	0.492%
20	14.598	2123	2127	2131	rBV	311559	281653	4.31%	0.776%
21	14.910	2174	2180	2186	rBV	320018	336571	5.15%	0.928%
22	15.221	2228	2233	2236	rBV	941251	1046830	16.01%	2.885%
23	15.263	2236	2240	2245	rVB	282153	352460	5.39%	0.971%
24	15.663	2302	2308	2313	rBV	197381	286355	4.38%	0.789%
25	16.121	2380	2386	2393	rBV	97331	155615	2.38%	0.429%

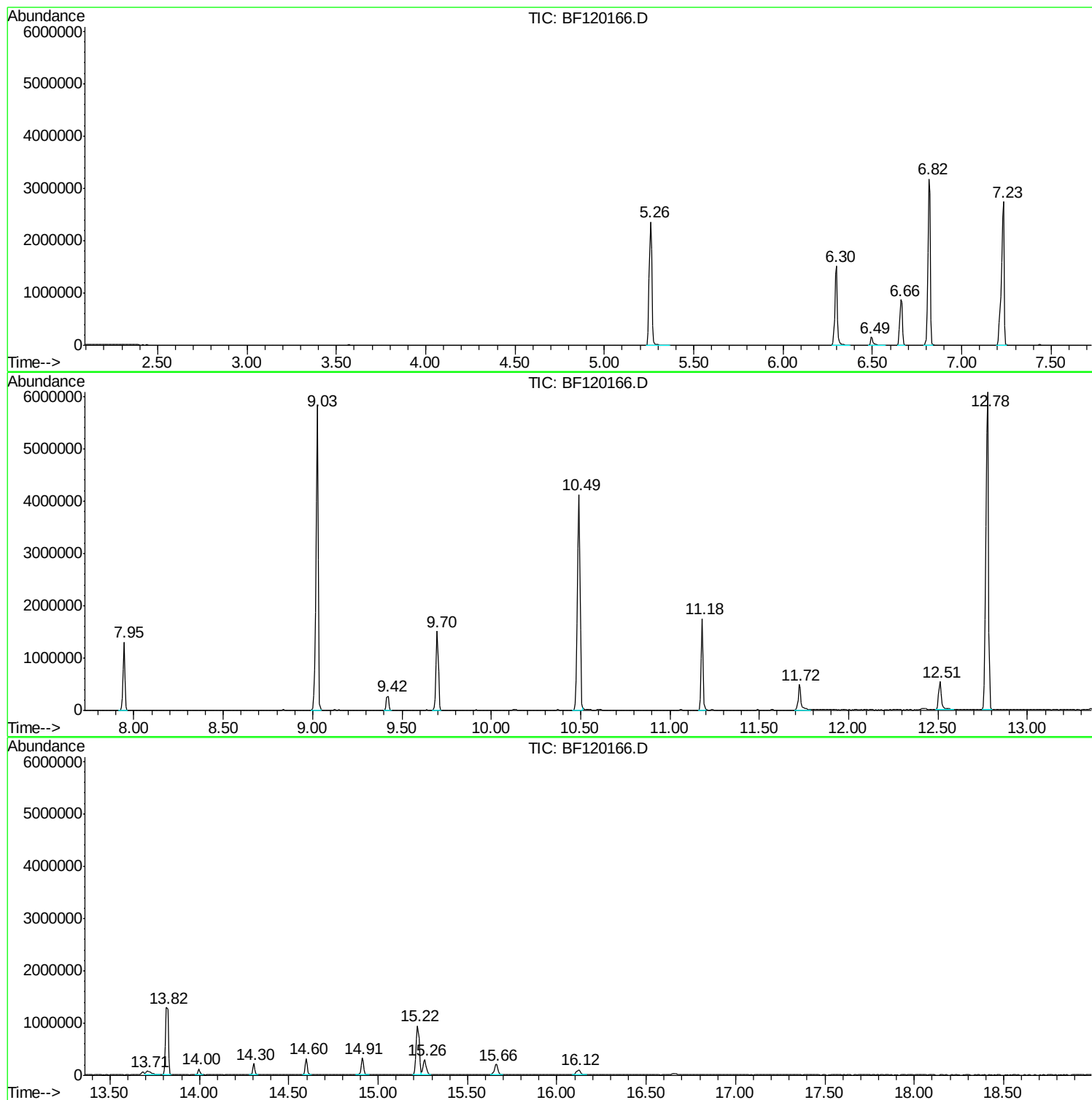
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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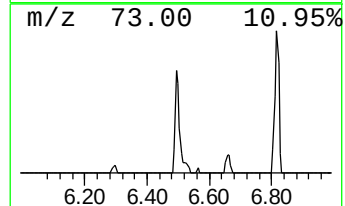
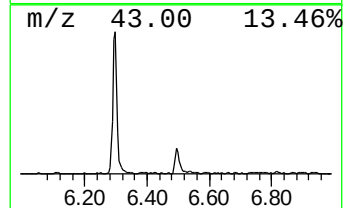
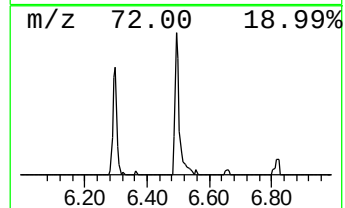
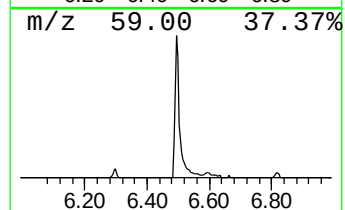
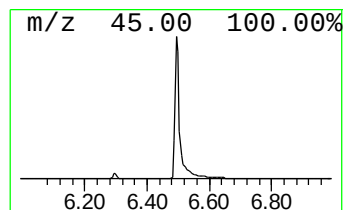
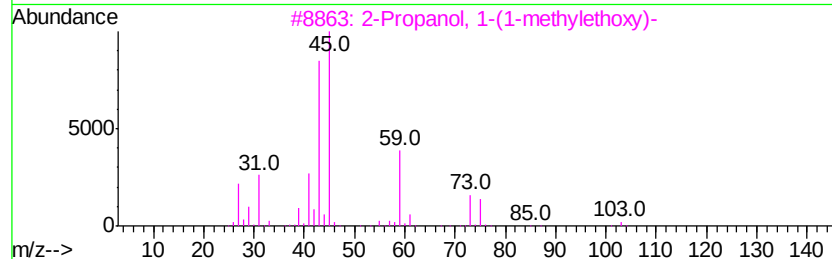
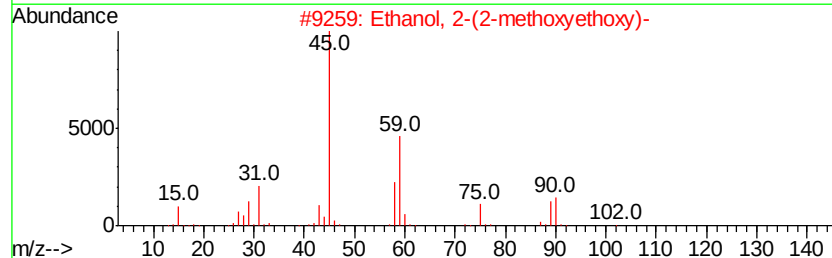
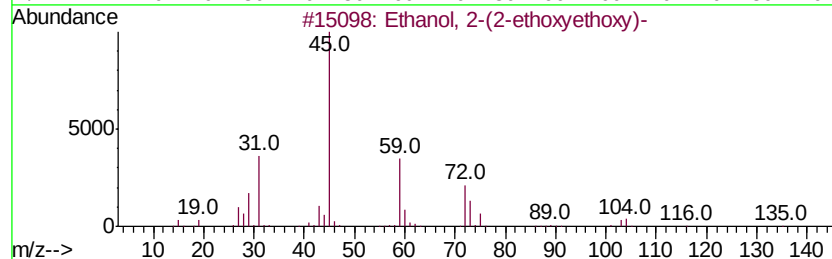
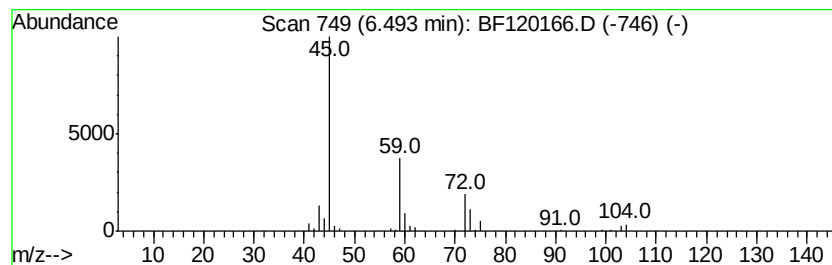
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.49	4.28 ng	173771	1,4-Dichlorobenzene-d4	6.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
4	Ethanol, 2,2'-oxybis-	106	C4H10O3	000111-46-6	38
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	33



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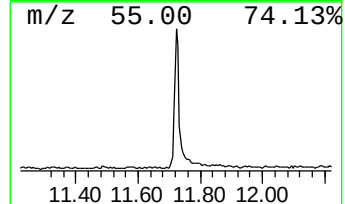
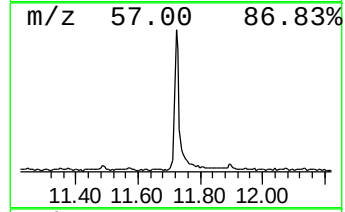
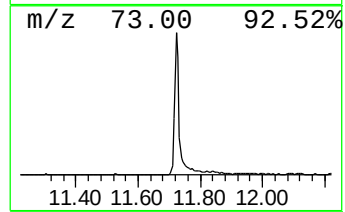
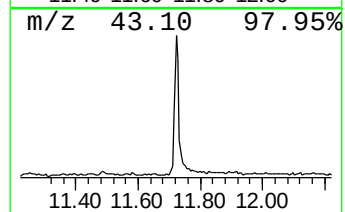
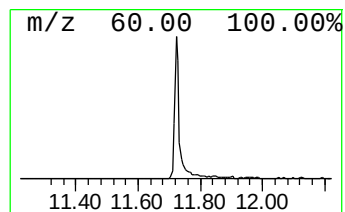
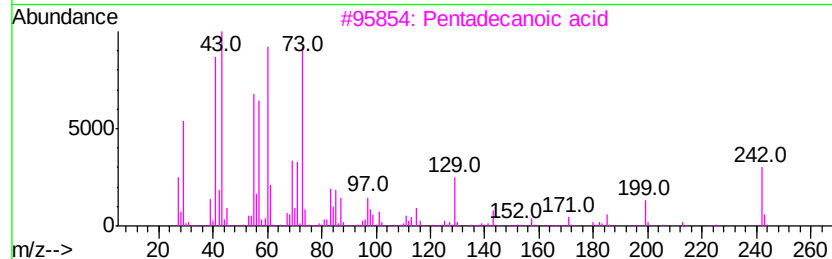
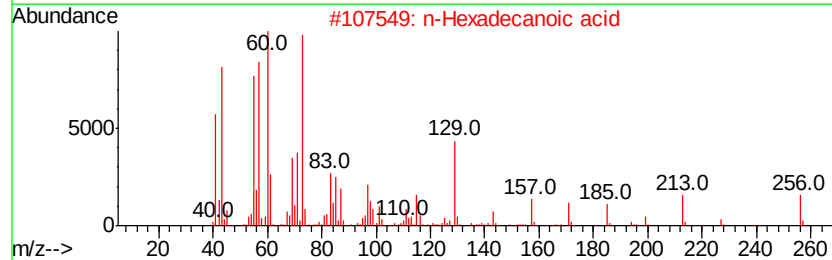
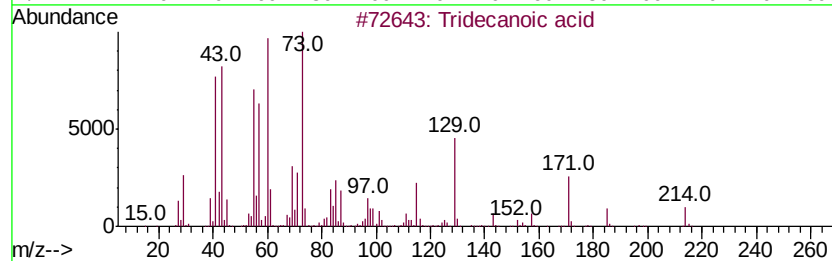
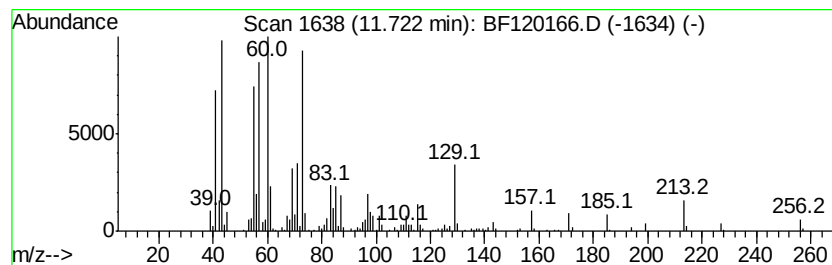
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	7.79 ng	554890	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Decanoic acid	172	C10H20O2	000334-48-5	64
5		Dodecanoic acid	200	C12H24O2	000143-07-7	47



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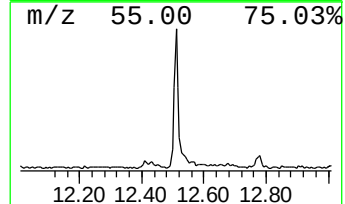
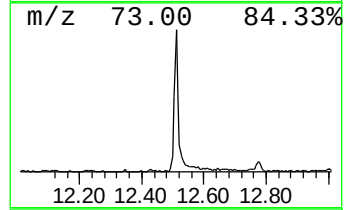
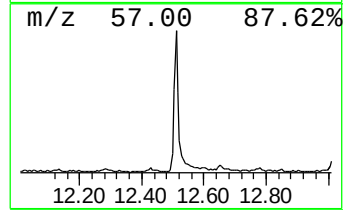
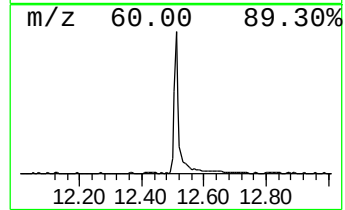
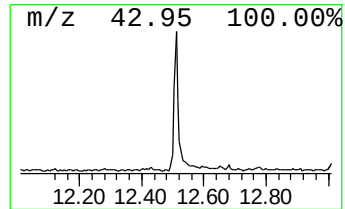
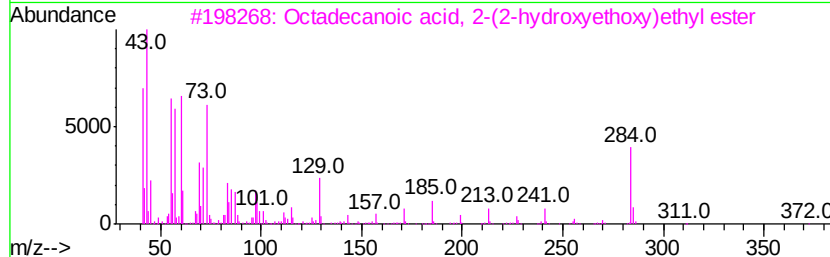
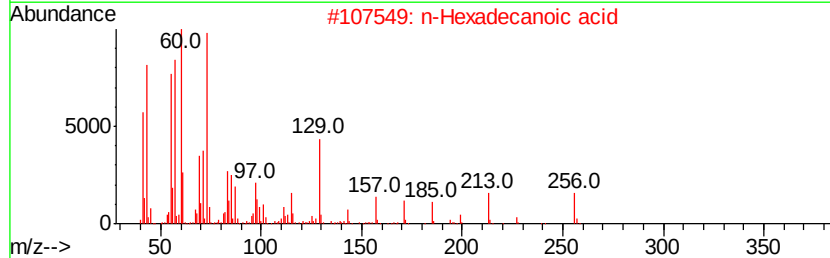
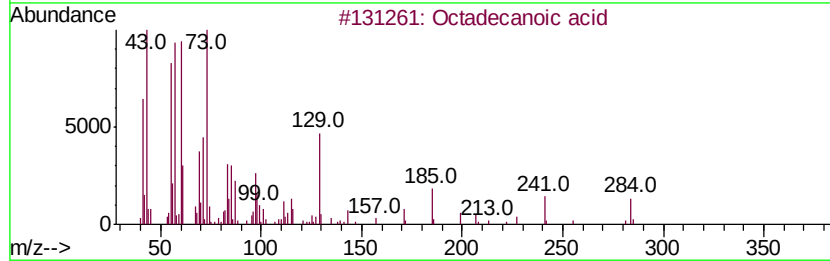
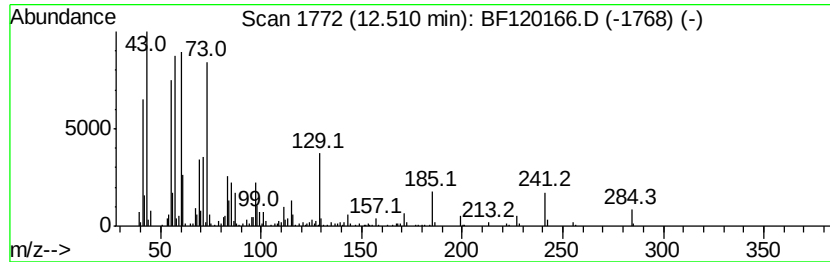
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	9.11 ng	569420	Chrysene-d12	13.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	72



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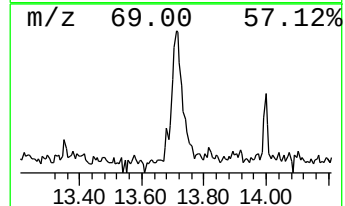
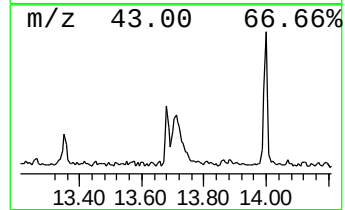
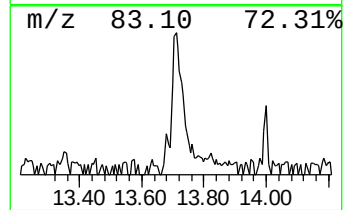
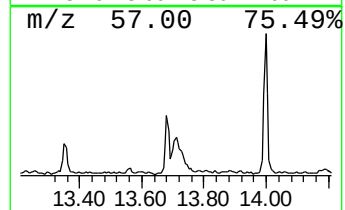
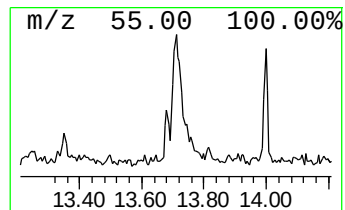
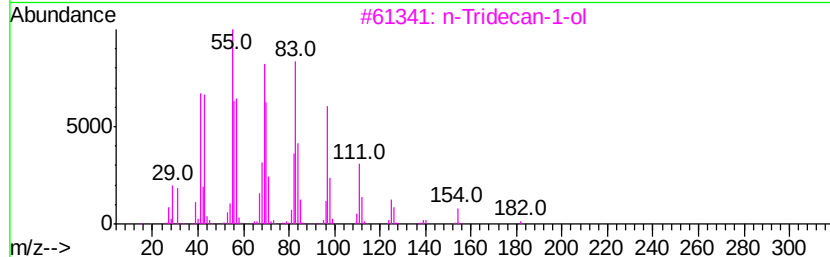
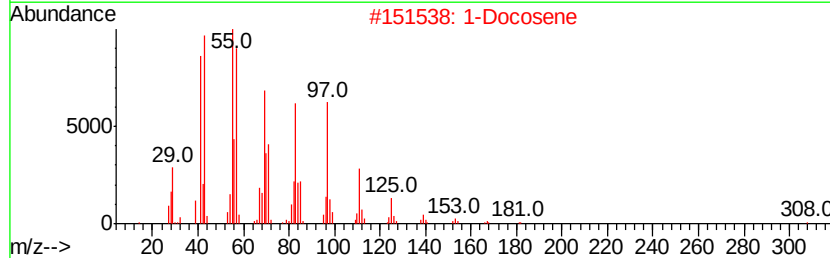
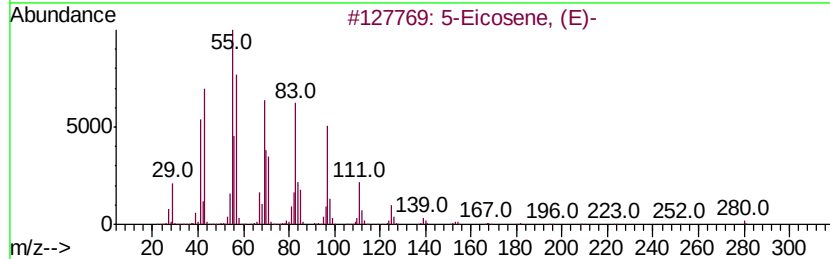
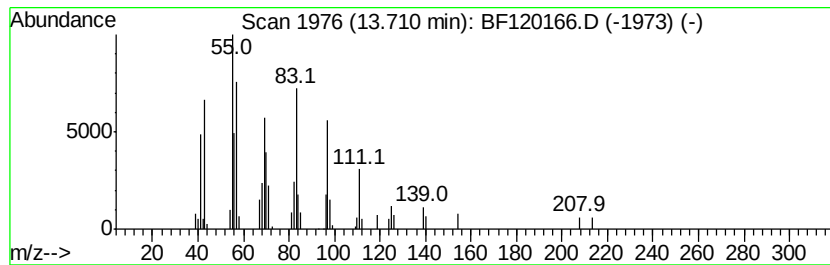
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 5-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.31 ng	144130	Chrysene-d12	13.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	91
2	1-Docosene	308 C22H44	001599-67-3	90
3	n-Tridecan-1-ol	200 C13H28O	000112-70-9	86
4	Cyclotetradecane	196 C14H28	000295-17-0	72
5	n-Pentadecanol	228 C15H32O	000629-76-5	72



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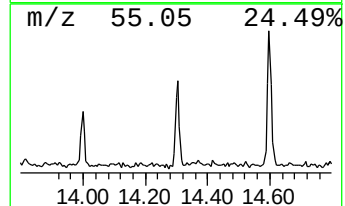
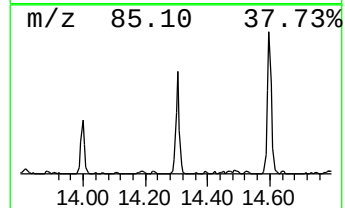
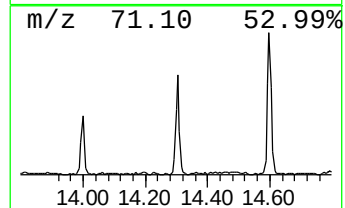
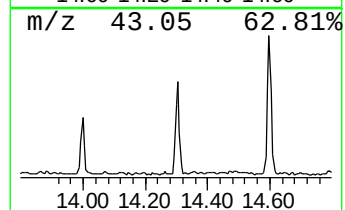
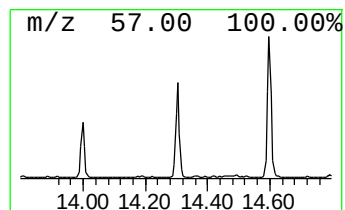
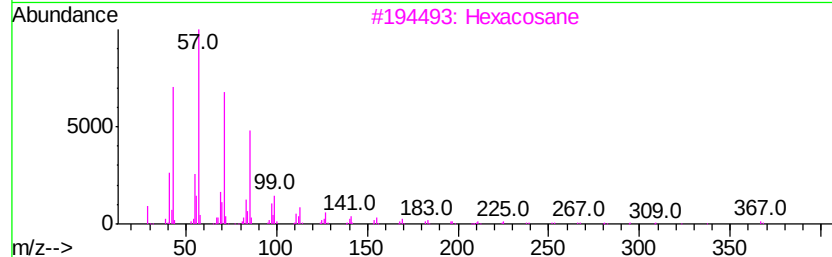
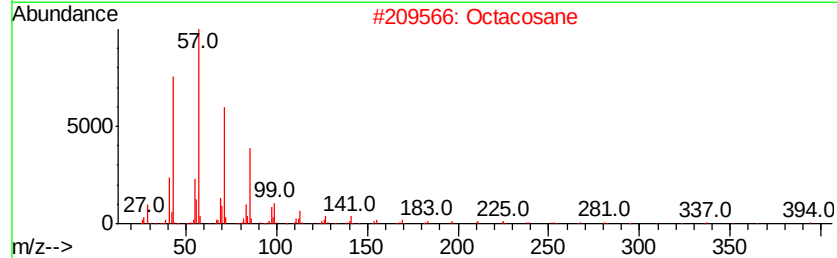
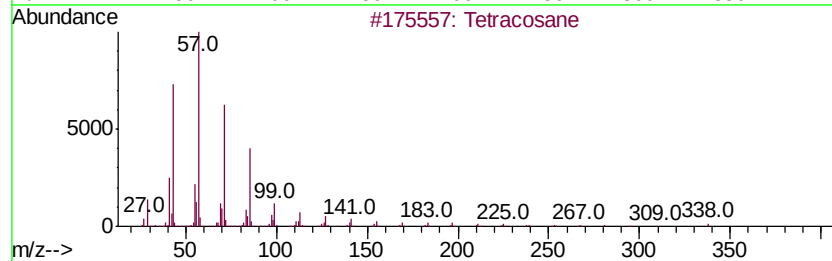
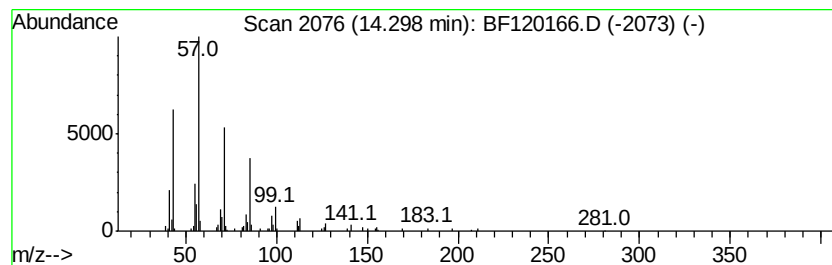
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.86 ng	178475	Chrysene-d12	13.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5		Heptadecane	240	C17H36	000629-78-7	80



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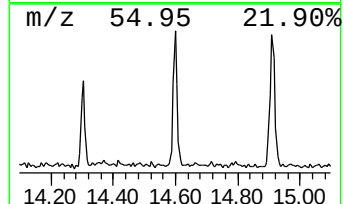
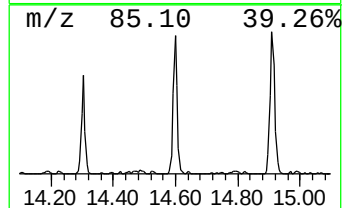
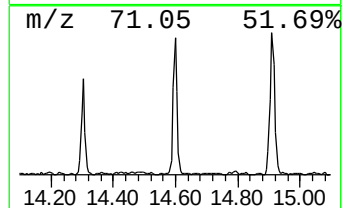
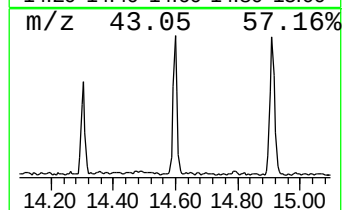
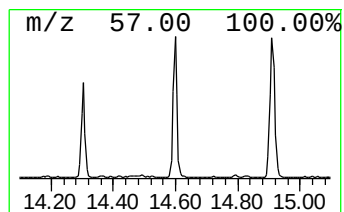
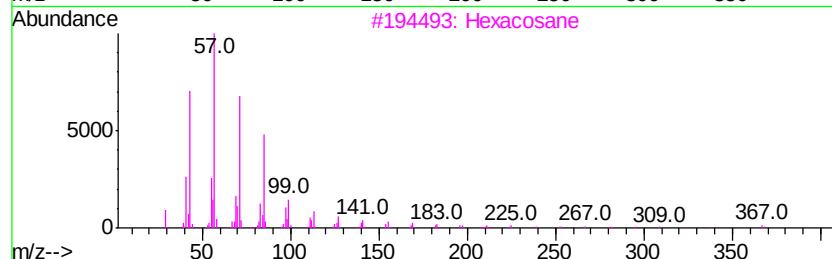
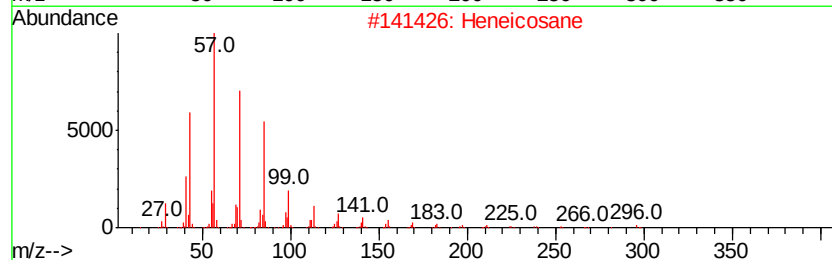
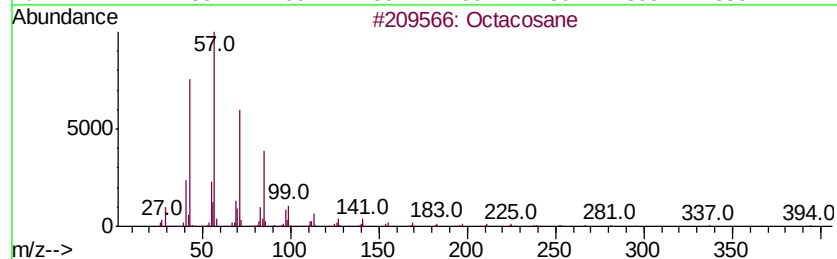
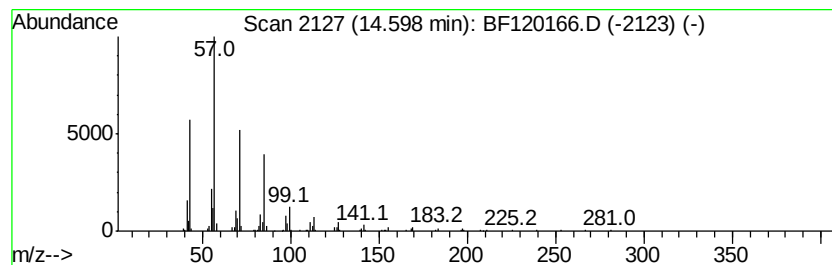
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	5.38 ng	281653	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120166.D
Acq On : 23 Apr 2020 16:30
Operator : MA/SJ
Sample : L2330-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

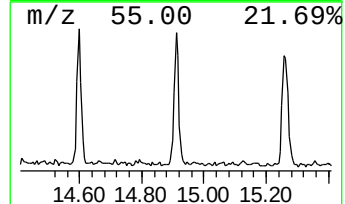
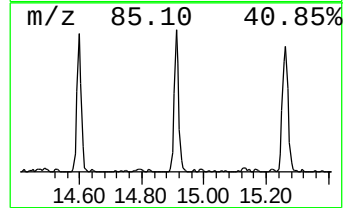
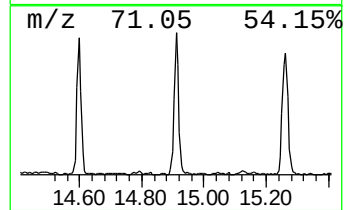
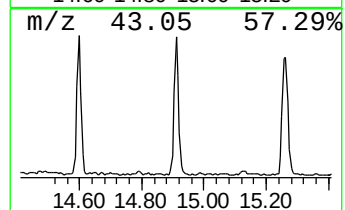
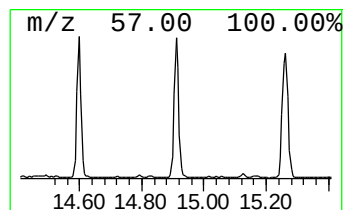
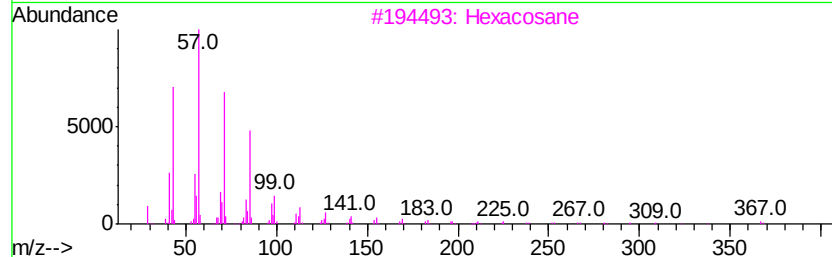
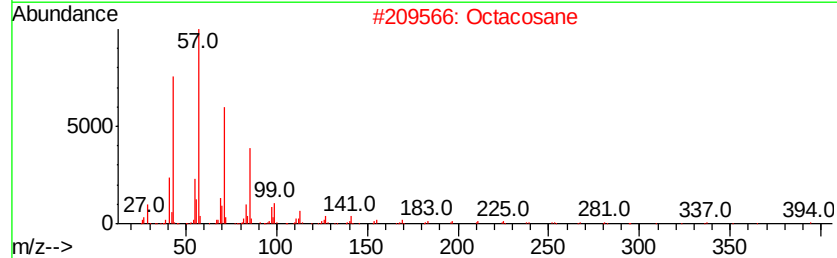
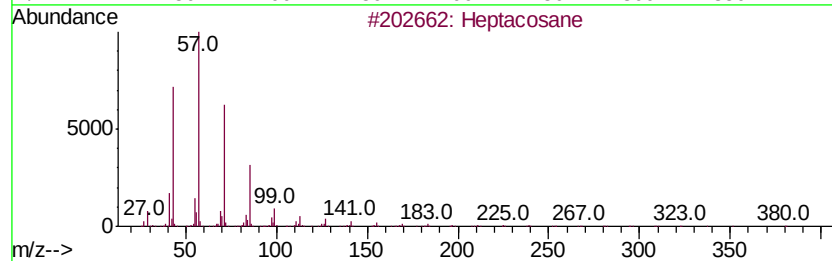
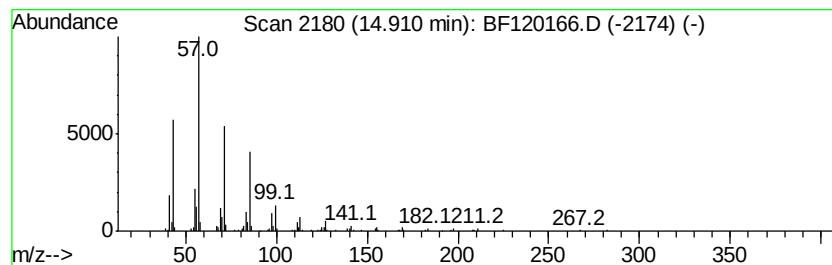
Instrument :
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ClientSampleId :
WB-TWP-4

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	6.43 ng	336571	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptacosane	380 C27H56	000593-49-7	91
2	Octacosane	394 C28H58	000630-02-4	91
3	Hexacosane	366 C26H54	000630-01-3	91
4	Heneicosane	296 C21H44	000629-94-7	90
5	Tetracosane	338 C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120166.D
 Acq On : 23 Apr 2020 16:30
 Operator : MA/SJ
 Sample : L2330-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

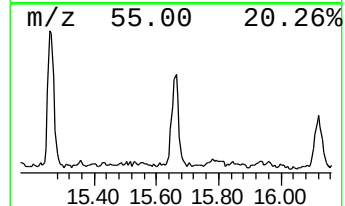
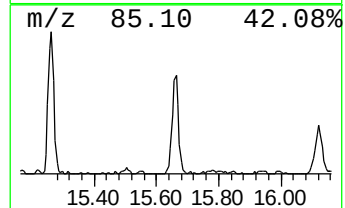
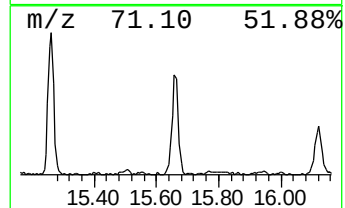
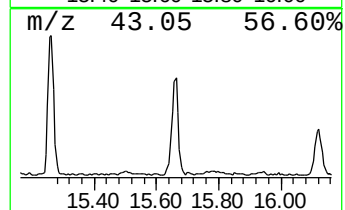
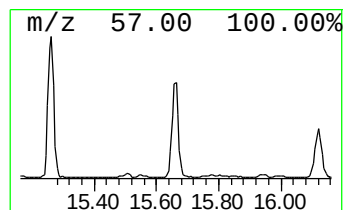
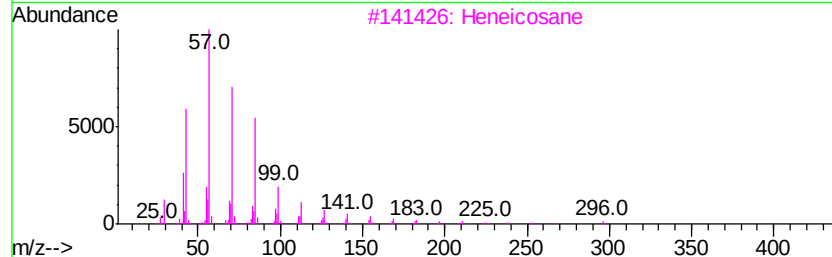
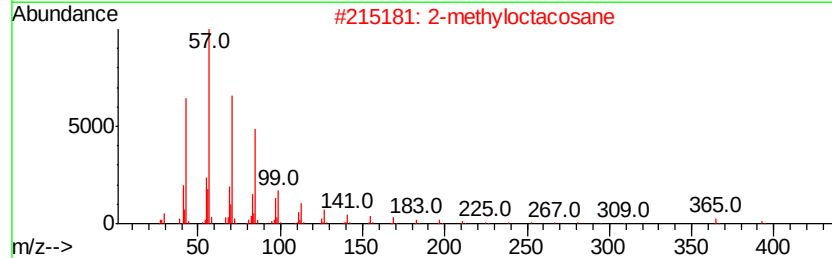
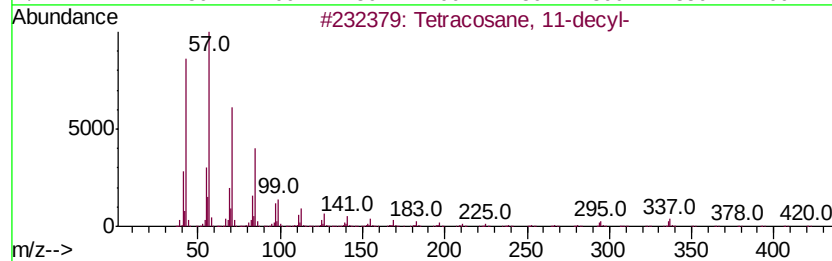
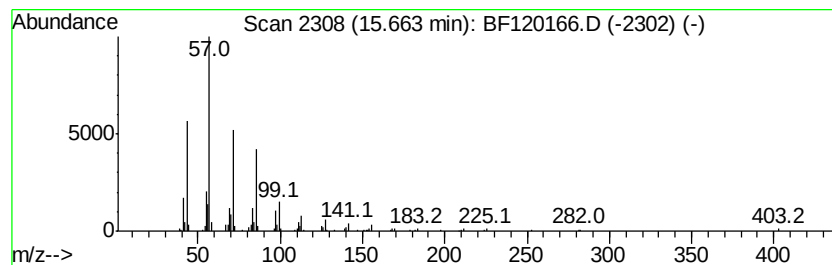
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 ClientSampleId :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tetracosane, 11-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.47 ng	286355	Perylene-d12	15.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane, 11-decyl-	479 C34H70	055429-84-0 91
2		2-methyloctacosane	408 C29H60	1000376-72-8 91
3		Heneicosane	296 C21H44	000629-94-7 90
4		Hexadecane	226 C16H34	000544-76-3 87
5		Hexacosane	366 C26H54	000630-01-3 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120166.D
Acq On : 23 Apr 2020 16:30
Operator : MA/SJ
Sample : L2330-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-TWP-4

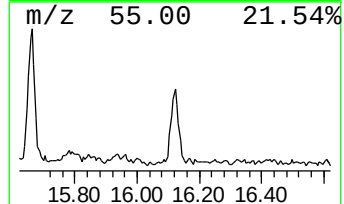
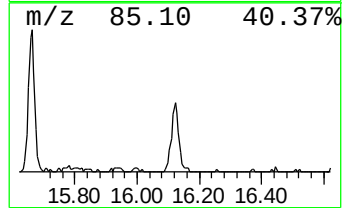
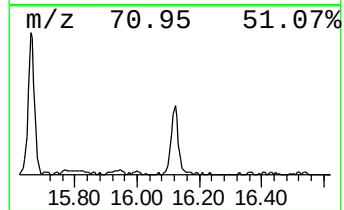
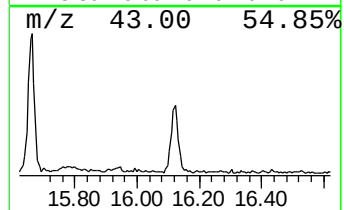
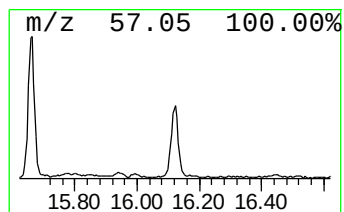
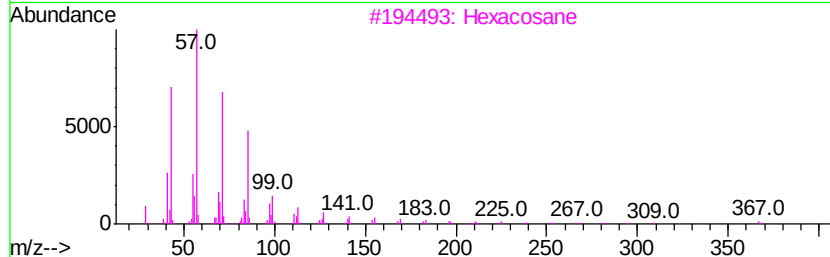
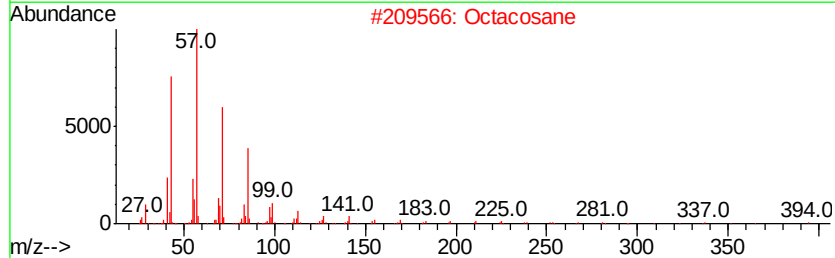
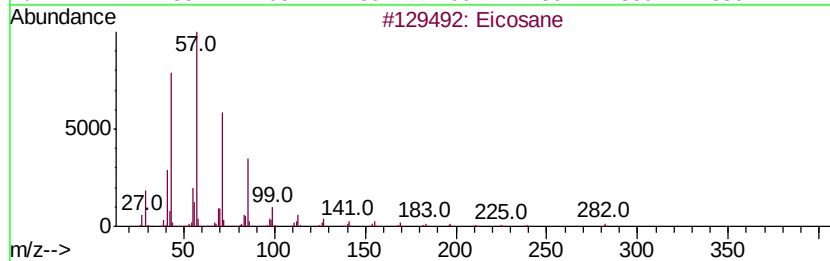
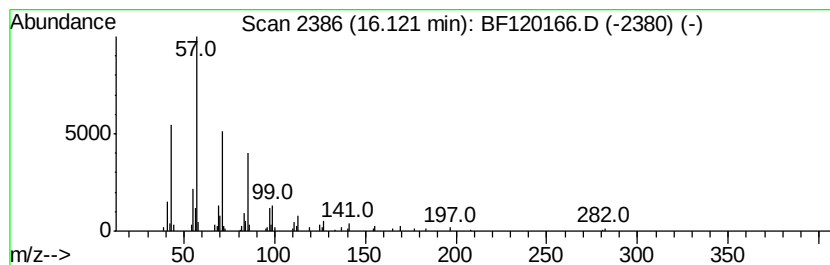
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	2.97 ng	155615	Perylene-d12	15.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120166.D
Acq On : 23 Apr 2020 16:30
Operator : MA/SJ
Sample : L2330-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-TWP-4

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-eth...	6.49	4.3	ng	173771	1	6.66	811172	20.0
Tridecanoic acid	11.72	7.8	ng	554890	4	11.18	1424300	20.0
Octadecanoic acid	12.51	9.1	ng	569420	5	13.82	1249690	20.0
5-Eicosene, (E)-	13.71	2.3	ng	144130	5	13.82	1249690	20.0
Tetracosane	14.30	2.9	ng	178475	5	13.82	1249690	20.0
Octacosane	14.60	5.4	ng	281653	6	15.22	1046830	20.0
Heptacosane	14.91	6.4	ng	336571	6	15.22	1046830	20.0
Tetracosane, 11-d...	15.66	5.5	ng	286355	6	15.22	1046830	20.0
Eicosane	16.12	3.0	ng	155615	6	15.22	1046830	20.0