

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041819\
 Data File : BF113823.D
 Acq On : 18 Apr 2019 18:06
 Operator : JU/SJ
 Sample : K2422-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-S

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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-BF041819.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	2.210	17	21	29	rVB	51742	72714	1.90%	0.206%
2	3.404	220	224	233	rBV	21997	52175	1.36%	0.148%
3	5.516	578	583	586	rBV	3463427	3338701	87.28%	9.475%
4	6.516	747	753	756	rBV	3483632	3357144	87.76%	9.527%
5	6.663	773	778	781	rBV	3816789	3508891	91.73%	9.958%
6	6.892	814	817	821	rVB	1218212	973150	25.44%	2.762%
7	7.051	840	844	847	rBV	3396985	2794081	73.04%	7.929%
8	7.451	907	912	915	rBV	2189043	2077605	54.31%	5.896%
9	8.175	1031	1035	1038	rBV	1481756	1177894	30.79%	3.343%
10	9.251	1213	1218	1221	rBV	4316805	3825297	100.00%	10.856%
11	9.363	1231	1237	1241	rVB2	79411	74213	1.94%	0.211%
12	9.639	1280	1284	1287	rBV	766287	642730	16.80%	1.824%
13	9.927	1329	1333	1337	rVB	1502937	1248484	32.64%	3.543%
14	10.710	1462	1466	1469	rBV	2519620	2143840	56.04%	6.084%
15	11.410	1581	1585	1588	rBV	1390725	1178783	30.82%	3.345%
16	11.933	1669	1674	1685	rBV	323654	357415	9.34%	1.014%
17	12.716	1803	1807	1816	rBV	129786	169057	4.42%	0.480%
18	12.992	1849	1854	1857	rBV	4240163	3626232	94.80%	10.291%
19	13.886	2002	2006	2014	rBV	630044	640940	16.76%	1.819%
20	14.039	2028	2032	2036	rBV	1590051	1396203	36.50%	3.962%
21	14.215	2058	2062	2067	rVB	75288	80082	2.09%	0.227%
22	14.515	2111	2113	2117	rVB	109576	100396	2.62%	0.285%
23	14.827	2163	2166	2173	rVB	123160	142885	3.74%	0.406%
24	15.174	2221	2225	2230	rBV	114642	158523	4.14%	0.450%
25	15.509	2277	2282	2286	rVV	1297131	1557280	40.71%	4.420%
26	15.557	2286	2290	2296	rVB	126228	165774	4.33%	0.470%
27	16.004	2361	2366	2369	rBV	76736	116458	3.04%	0.331%
28	16.039	2369	2372	2379	rVV	108819	184540	4.82%	0.524%
29	16.515	2449	2453	2459	rVB2	44838	75070	1.96%	0.213%

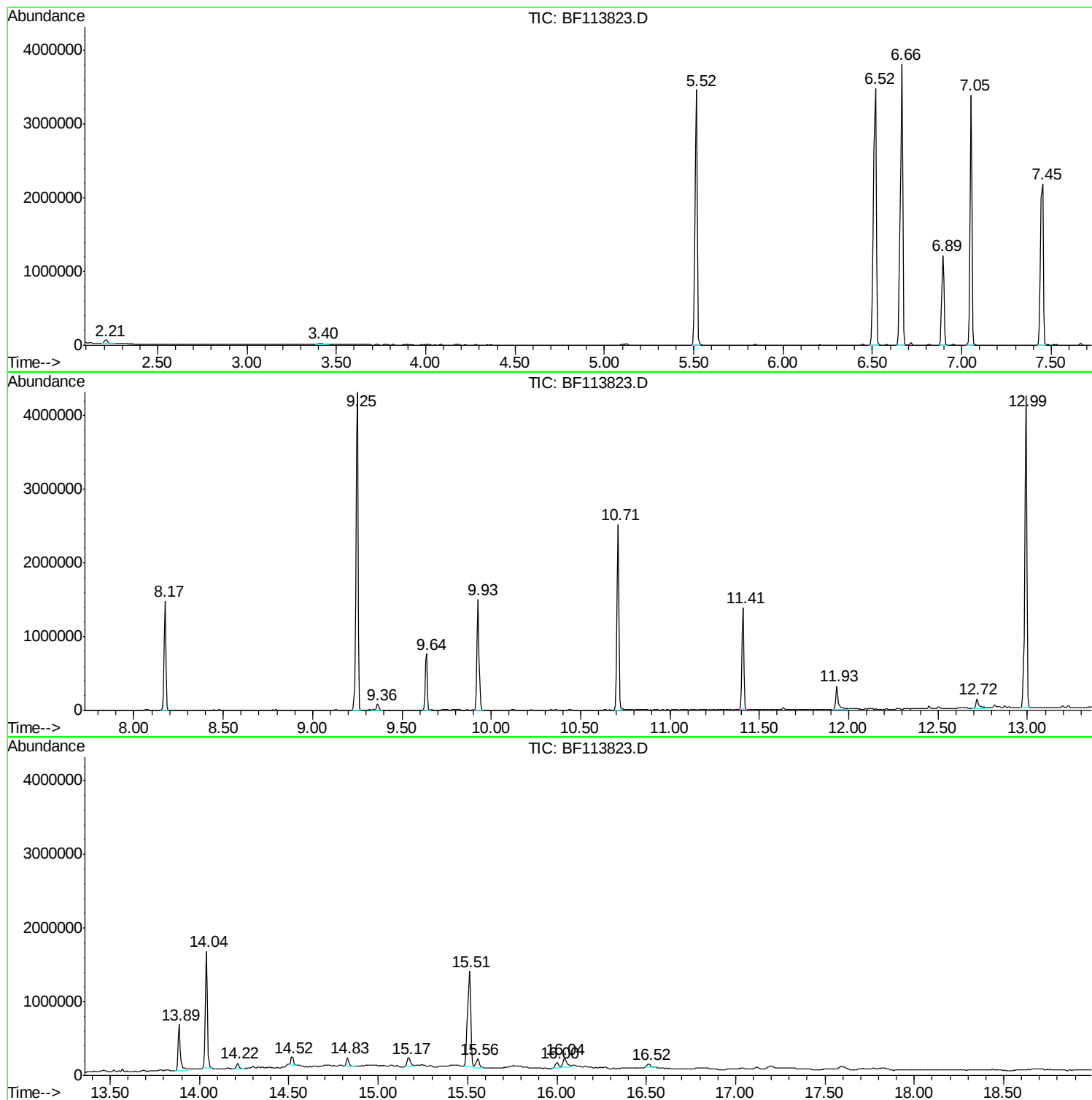
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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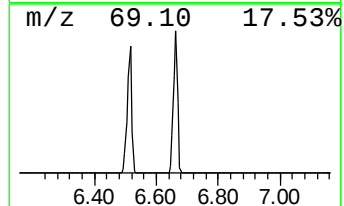
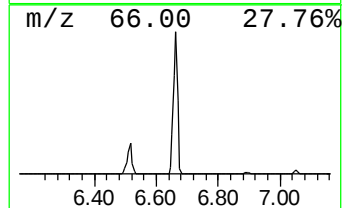
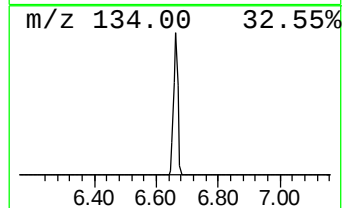
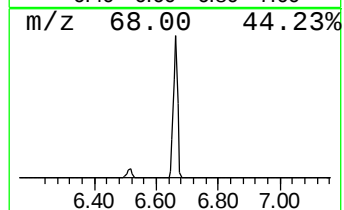
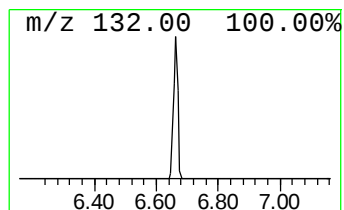
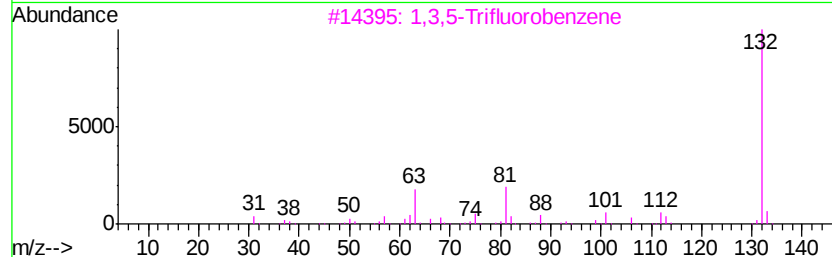
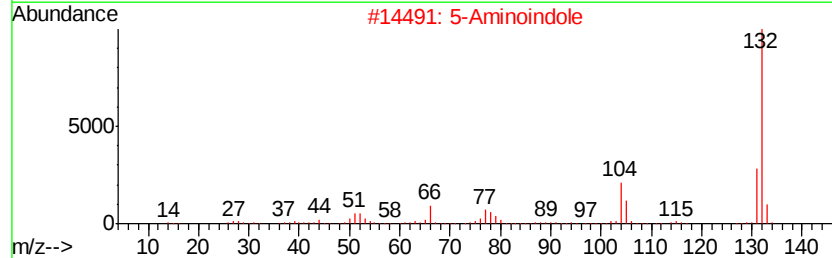
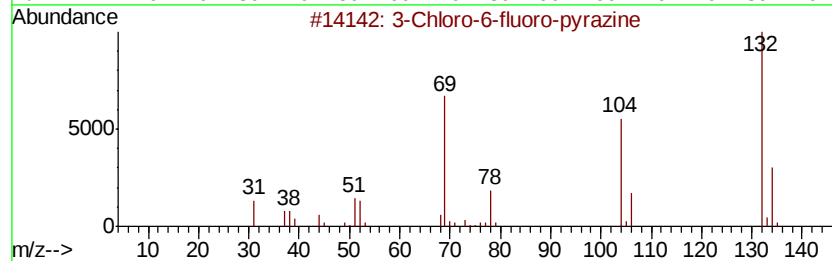
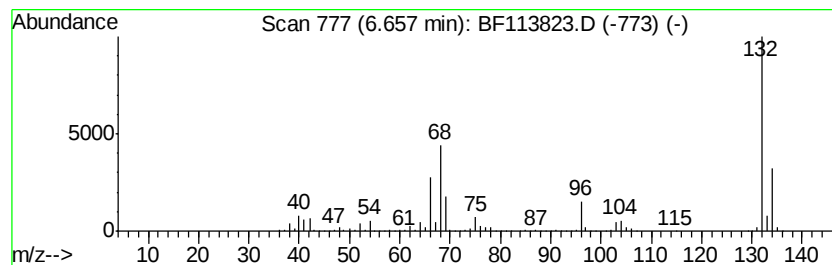
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	72.11 ng	3508890	1,4-Dichlorobenzene-d4	6.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	1,3,5-Trifluorobenzene			132	C6H3F3	000372-38-3	9
4	Xenon			132	Xe	007440-63-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9



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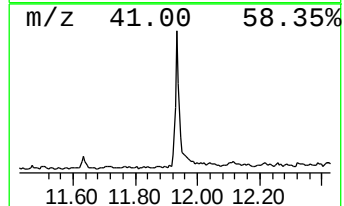
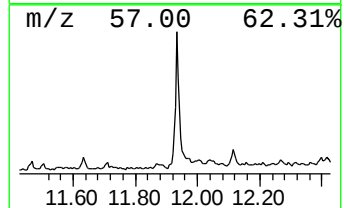
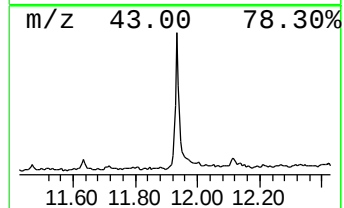
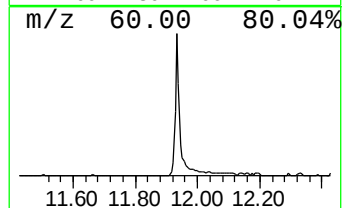
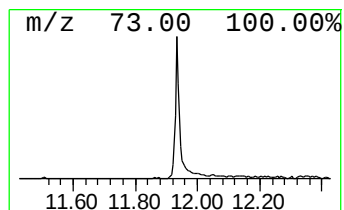
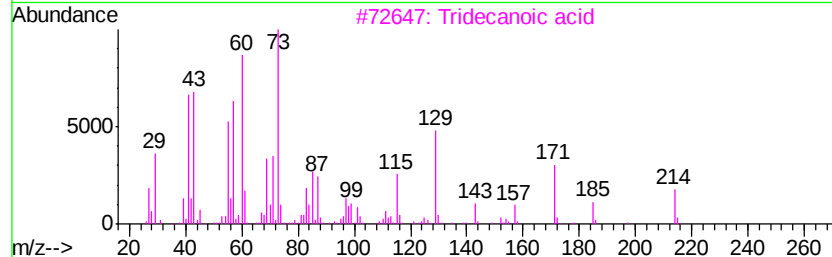
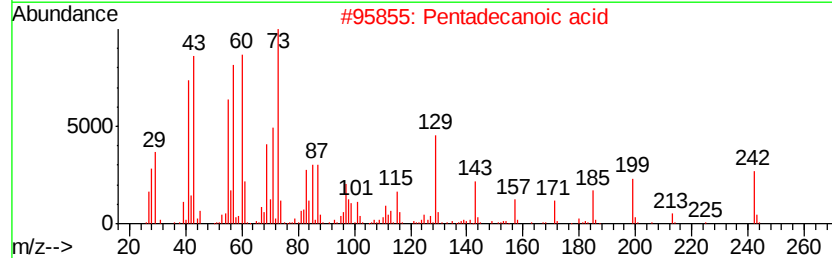
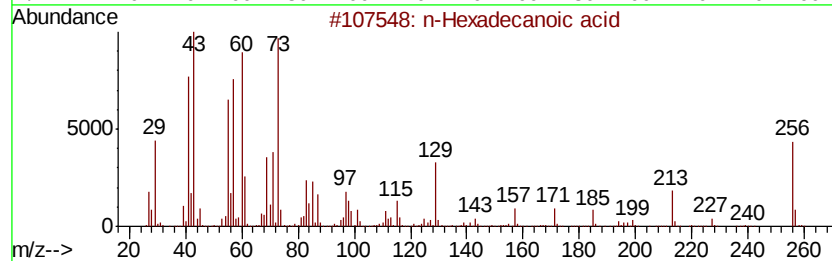
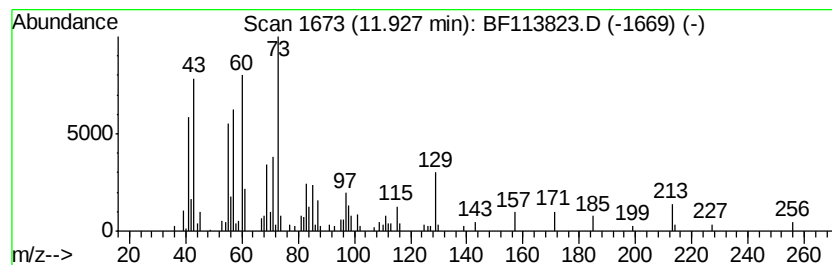
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 Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	6.06 ng	357415	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	20



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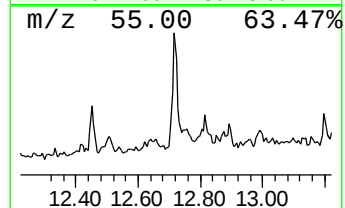
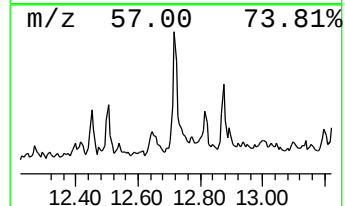
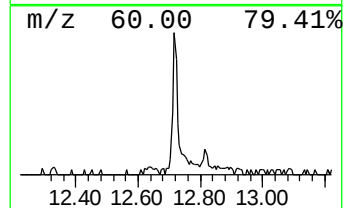
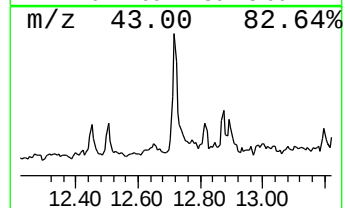
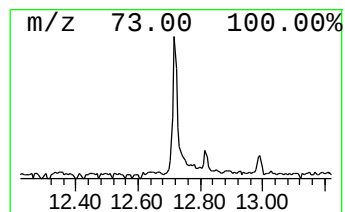
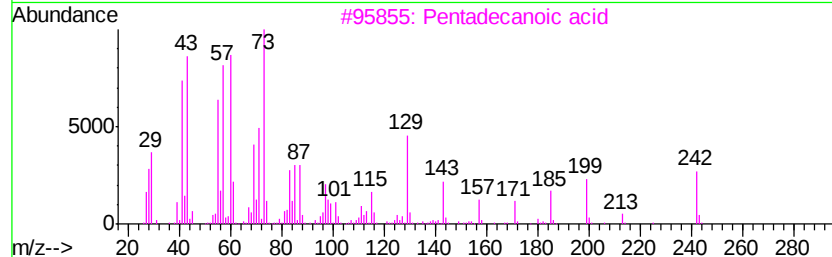
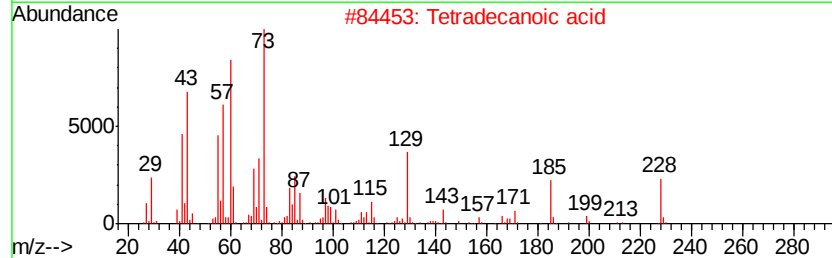
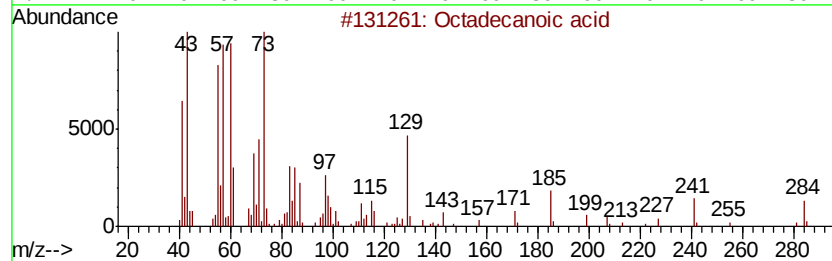
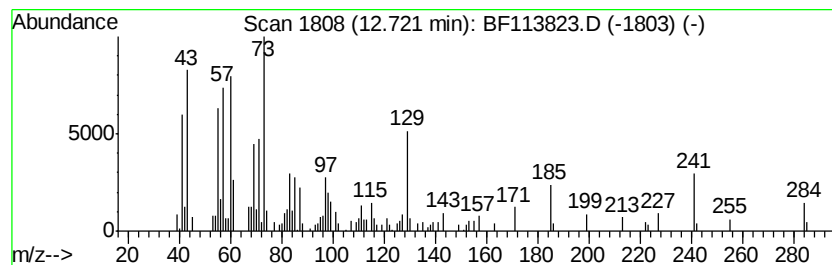
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Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.87 ng	169057	Phenanthrene-d10	11.41

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	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	43



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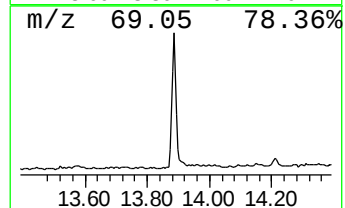
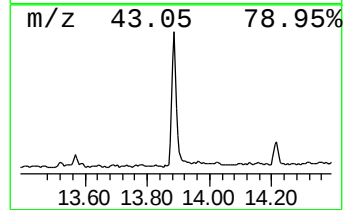
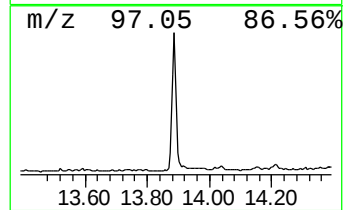
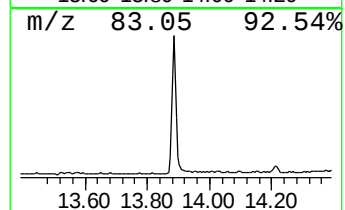
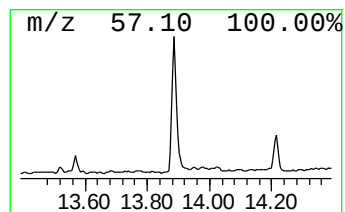
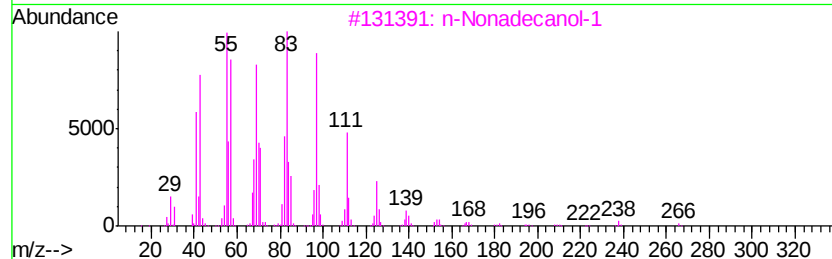
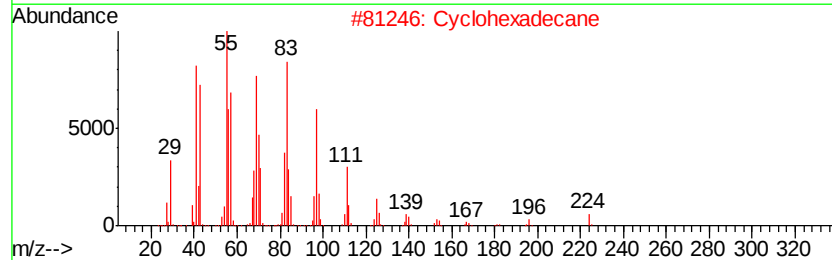
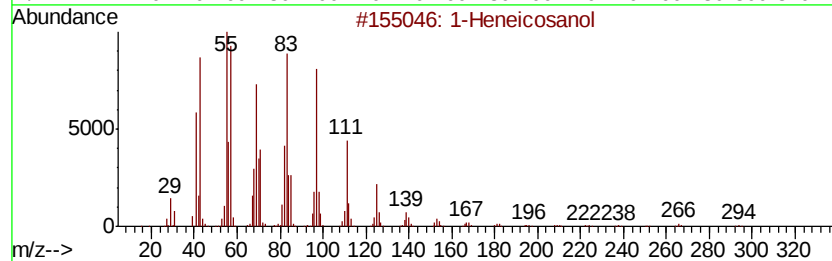
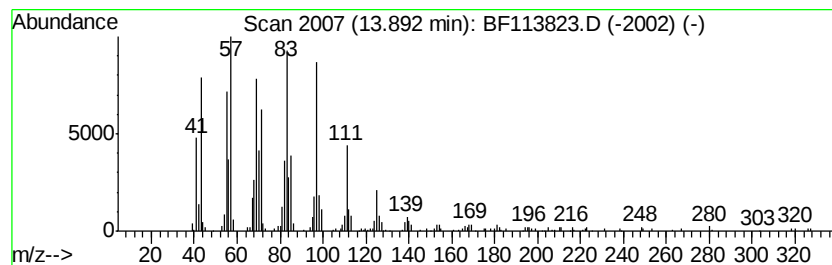
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Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.89	9.18 ng	640940	Chrysene-d12		14.04
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Nonadecene	266	C19H38	018435-45-5	94



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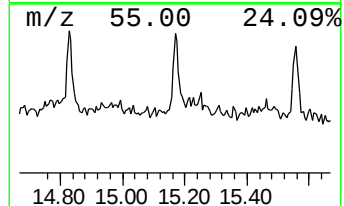
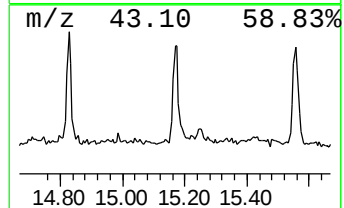
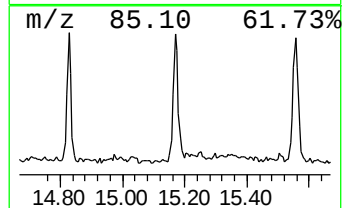
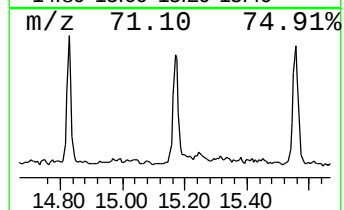
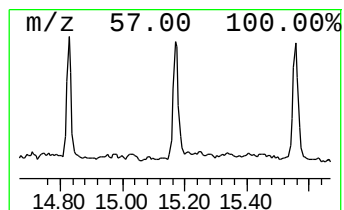
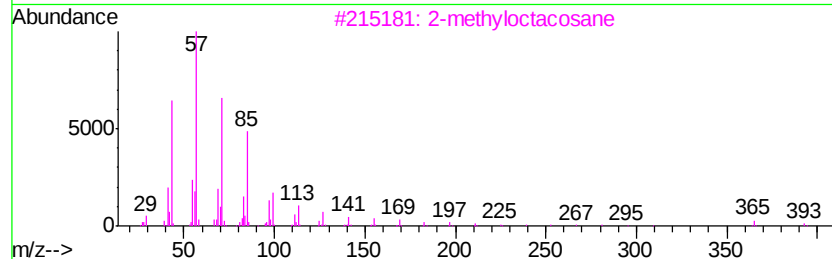
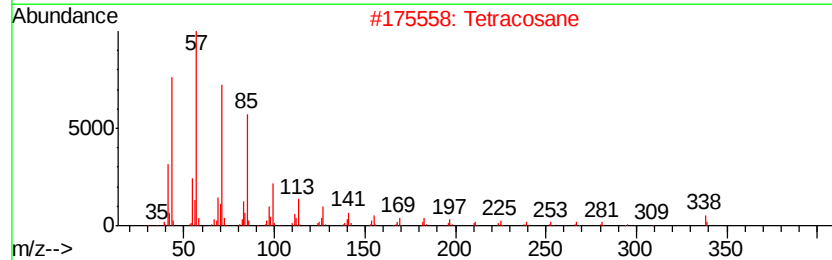
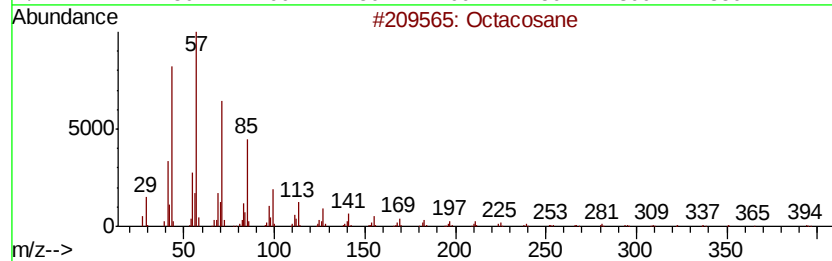
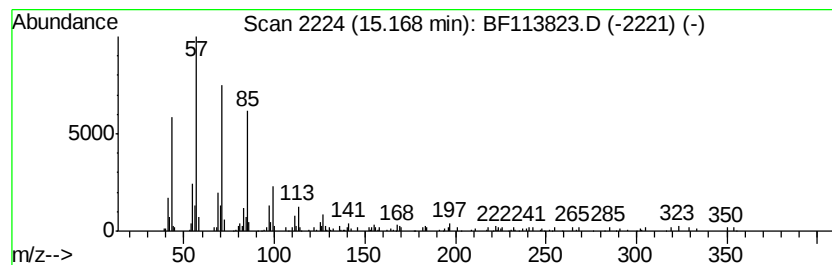
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 6 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.04 ng	158523	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	91
2	Tetracosane		338	C24H50	000646-31-1	91
3	2-methyloctacosane		408	C29H60	1000376-72-8	91
4	Hexacosane		366	C26H54	000630-01-3	90
5	Eicosane		282	C20H42	000112-95-8	90



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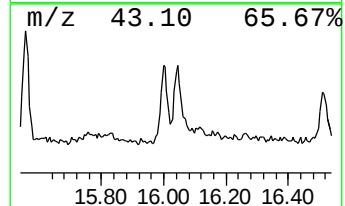
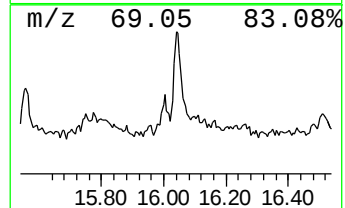
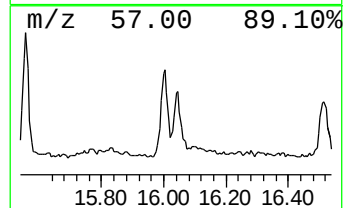
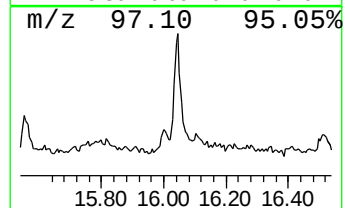
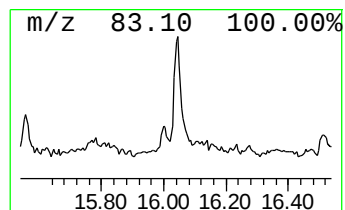
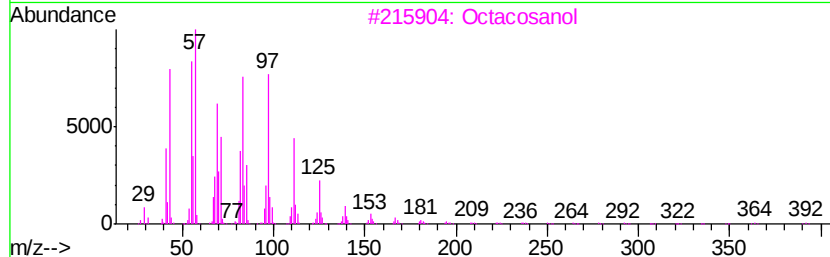
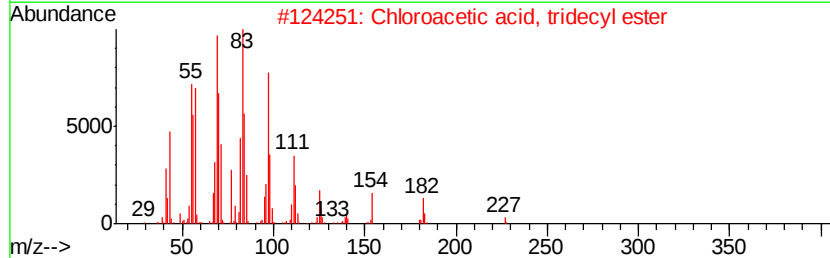
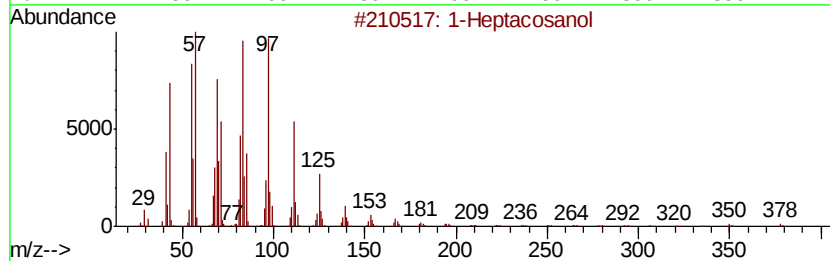
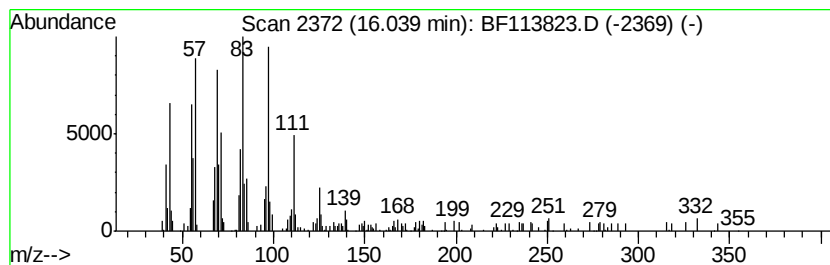
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.37 ng	184540	Perylene-d12	15.51

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	93
2	Chloroacetic acid, tridecyl ester		276	C15H29ClO2	018277-85-5	91
3	Octacosanol		410	C28H58O	000557-61-9	90
4	1-Heneicosanol		312	C21H44O	015594-90-8	90
5	1-Docosanol, methyl ether		340	C23H48O	1000333-91-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041819\
Data File : BF113823.D
Acq On : 18 Apr 2019 18:06
Operator : JU/SJ
Sample : K2422-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP1-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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
unknown6.66	6.66	72.1	ng	3508890	1	6.89	973150	20.0
n-Hexadecanoic acid	11.93	6.1	ng	357415	4	11.41	1178780	20.0
Octadecanoic acid	12.72	2.9	ng	169057	4	11.41	1178780	20.0
1-Heneicosanol	13.89	9.2	ng	640940	5	14.04	1396200	20.0
Octacosane	15.17	2.0	ng	158523	6	15.51	1557280	20.0
1-Heptacosanol	16.04	2.4	ng	184540	6	15.51	1557280	20.0