

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113120.D
 Acq On : 19 Mar 2019 5:30
 Operator : JU/SJ
 Sample : K1947-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B033-031319

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-BF022719.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	5.351	550	555	558	rBV	3310893	3298176	89.96%	11.321%
2	6.381	724	730	746	rBV	3083199	3666422	100.00%	12.585%
3	6.504	746	751	754	rBV	3712978	3505683	95.62%	12.033%
4	6.569	759	762	774	rVB	31224	67443	1.84%	0.232%
5	6.728	786	789	793	rBV	1029664	818373	22.32%	2.809%
6	6.886	812	816	819	rBV	3227247	2808868	76.61%	9.642%
7	7.292	879	885	897	rBV	1867740	1939074	52.89%	6.656%
8	8.010	1003	1007	1020	rBV	807331	796903	21.74%	2.735%
9	9.086	1185	1190	1204	rBV	3468521	3310672	90.30%	11.364%
10	9.480	1253	1257	1268	rBV	192601	214971	5.86%	0.738%
11	9.757	1300	1304	1318	rBV	721353	794985	21.68%	2.729%
12	10.545	1434	1438	1453	rBV	1661920	1832825	49.99%	6.291%
13	11.239	1552	1556	1566	rBV	759276	754963	20.59%	2.591%
14	11.774	1644	1647	1657	rBV3	50332	77427	2.11%	0.266%
15	12.821	1820	1825	1828	rBV	3073881	2862180	78.06%	9.825%
16	13.792	1982	1990	1999	rBV4	64544	238401	6.50%	0.818%
17	13.868	1999	2003	2012	rVB	788126	839252	22.89%	2.881%
18	13.974	2017	2021	2026	rVV4	32605	37060	1.01%	0.127%
19	14.039	2029	2032	2039	rBV	41389	44858	1.22%	0.154%
20	14.345	2078	2084	2088	rBV	74240	75092	2.05%	0.258%
21	14.639	2131	2134	2137	rVB	110624	92641	2.53%	0.318%
22	14.956	2184	2188	2193	rBV	117438	130616	3.56%	0.448%
23	15.280	2238	2243	2246	rBV	372699	526009	14.35%	1.806%
24	15.309	2246	2248	2256	rVB	122637	147677	4.03%	0.507%
25	15.715	2312	2317	2327	rVB	88590	134325	3.66%	0.461%
26	16.186	2392	2397	2400	rBV3	39306	69550	1.90%	0.239%
27	16.727	2485	2489	2495	rVB3	27221	48557	1.32%	0.167%

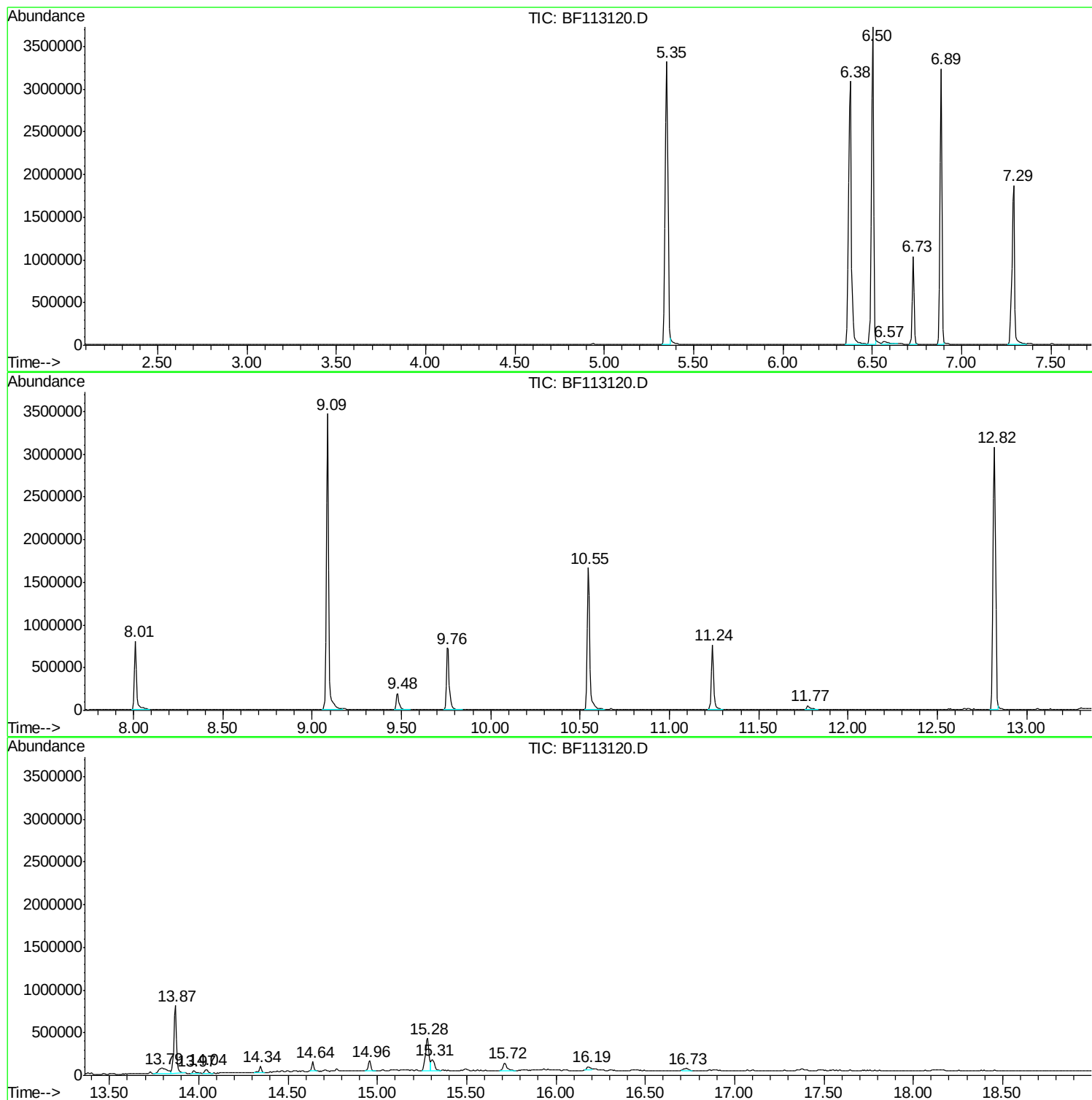
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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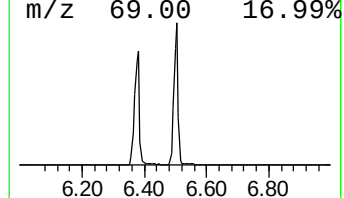
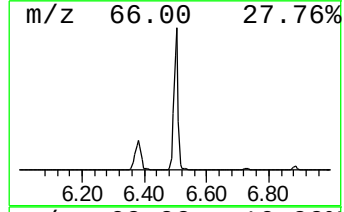
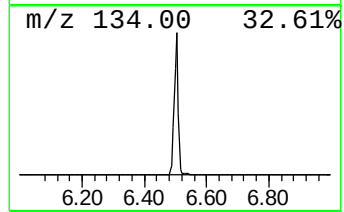
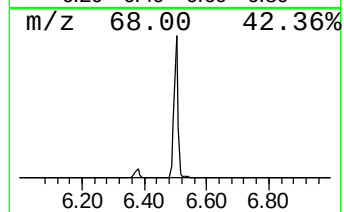
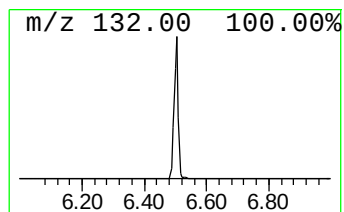
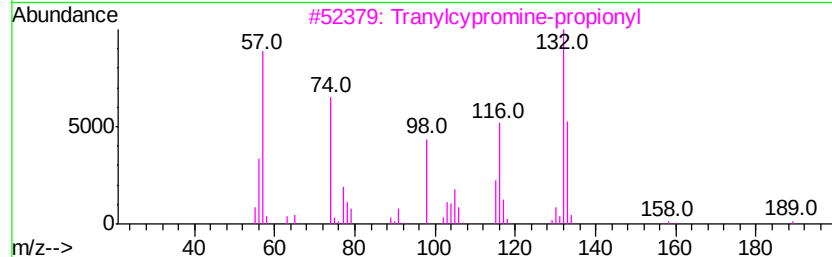
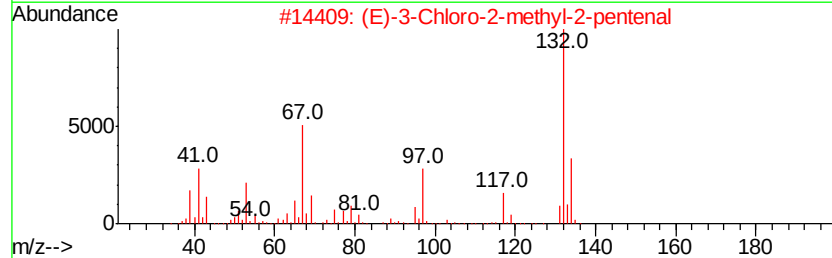
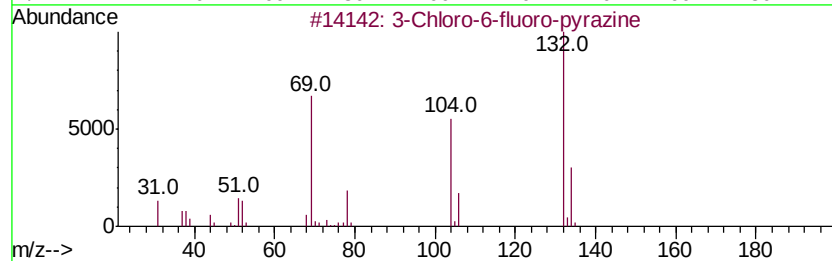
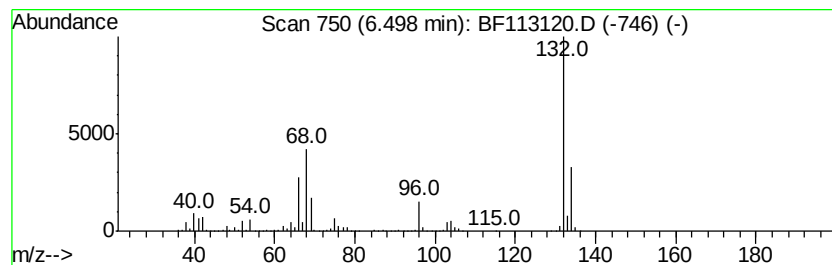
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	85.67 ng	3505680	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopentaf[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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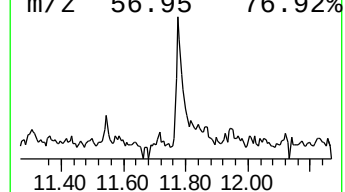
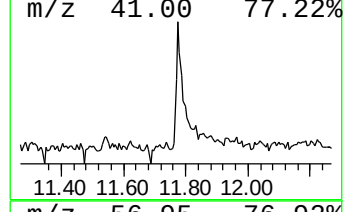
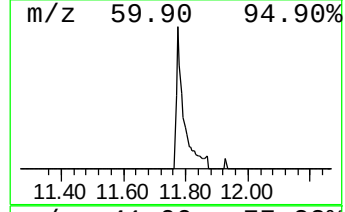
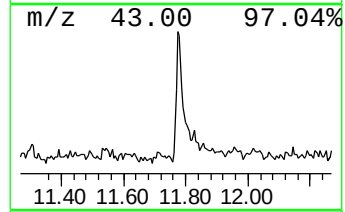
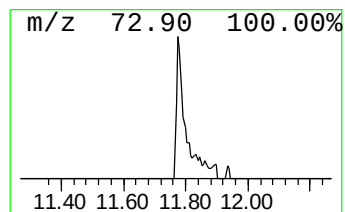
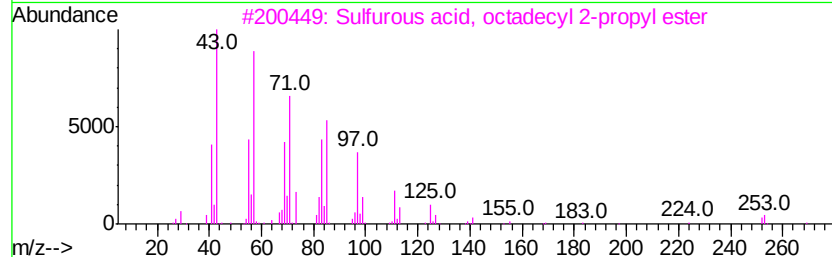
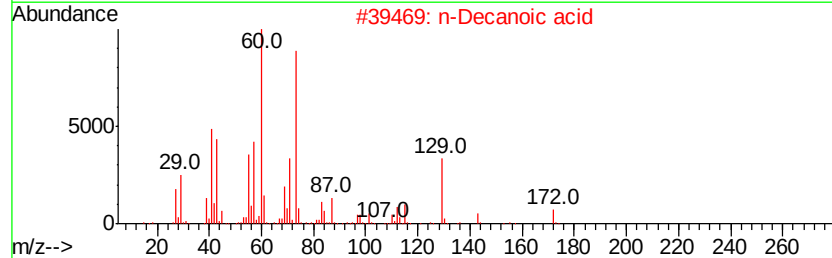
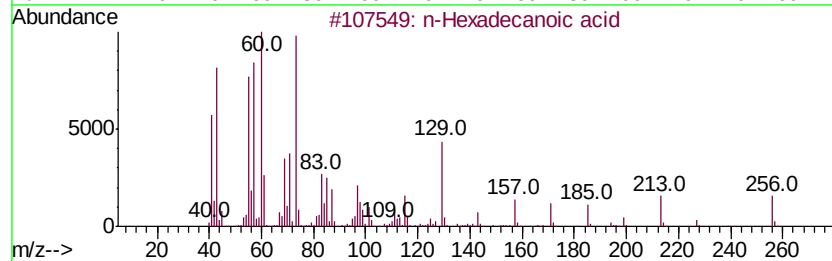
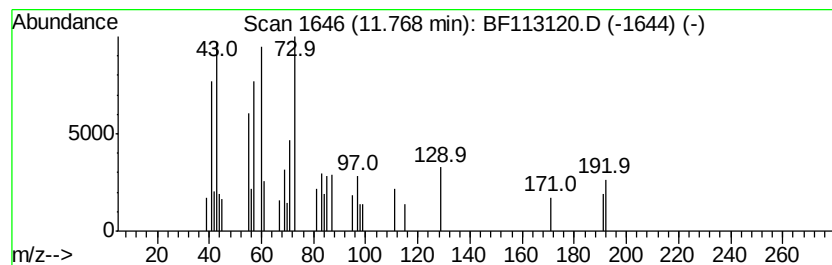
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.77	2.05 ng	77427	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		n-Decanoic acid	172	C10H20O2	000334-48-5	53
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18
4		Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	11
5		Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	11



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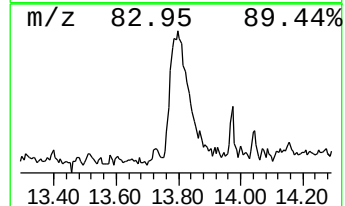
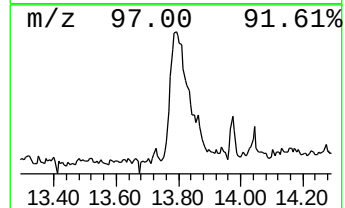
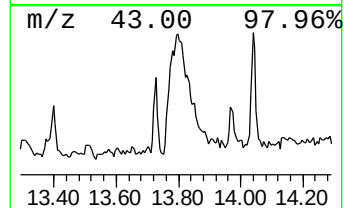
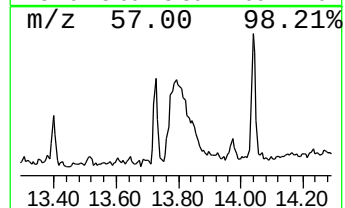
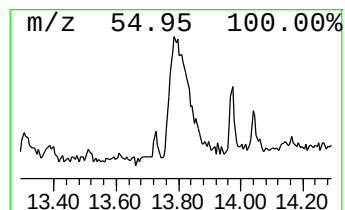
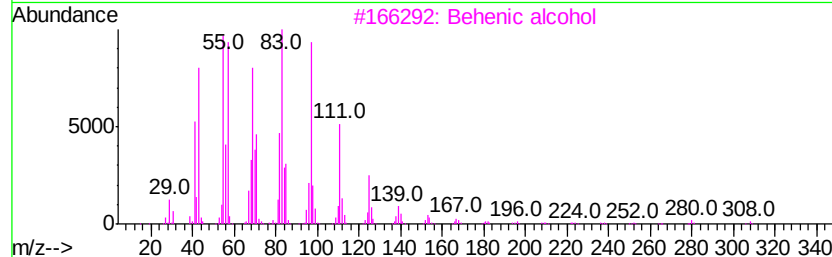
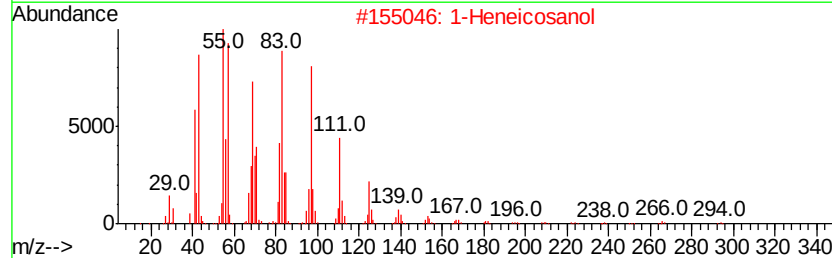
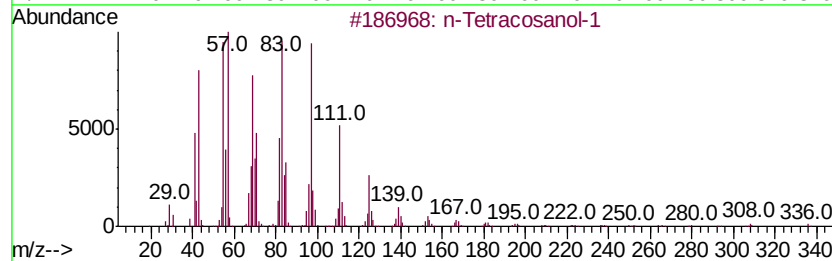
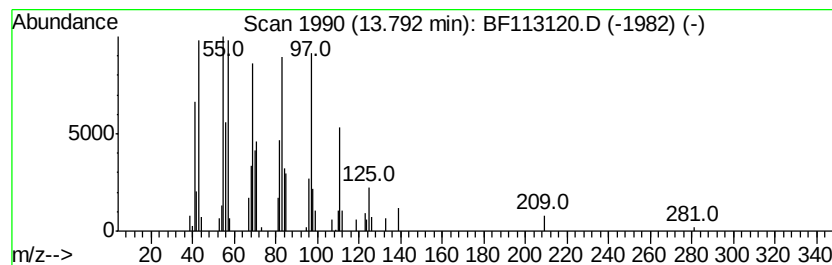
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Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.79	5.68 ng	238401	Chrysene-d12		13.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	91



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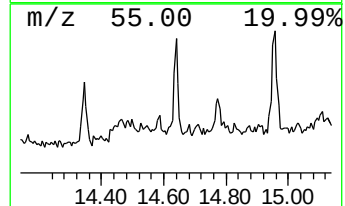
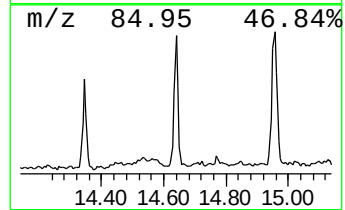
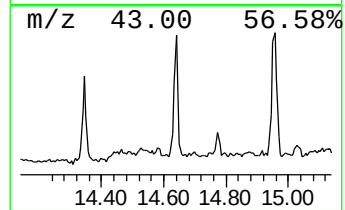
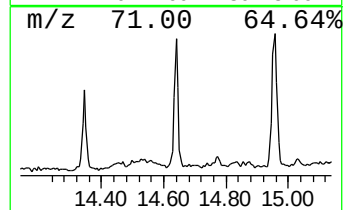
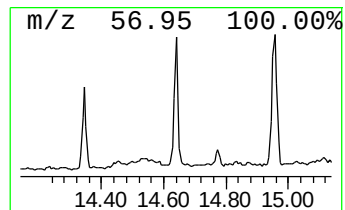
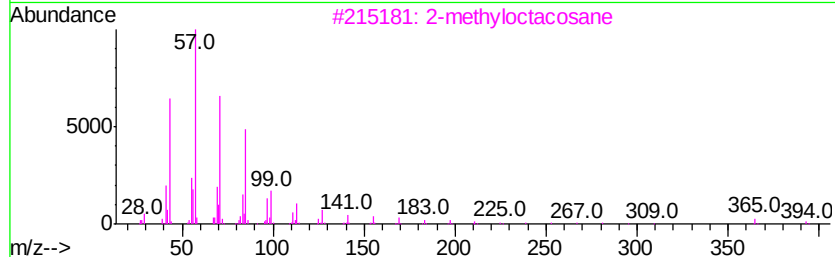
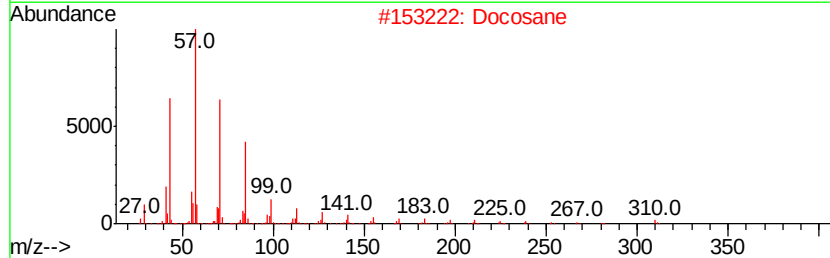
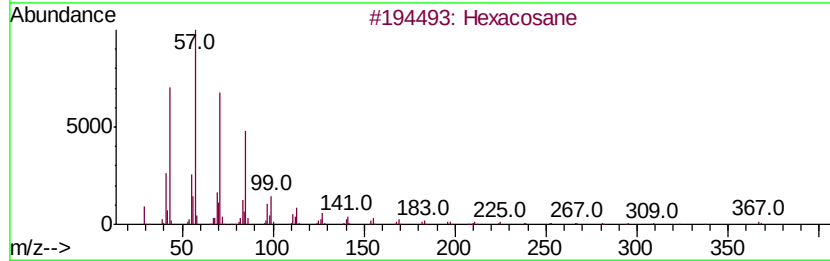
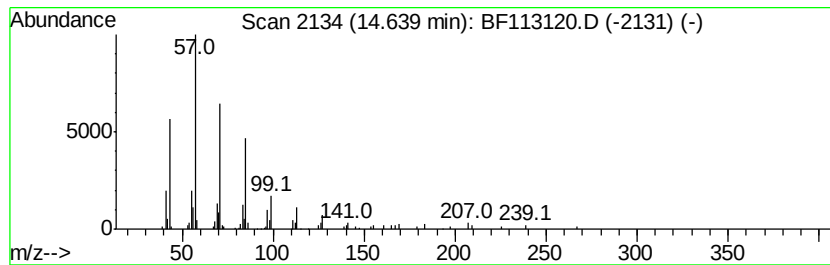
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Peak Number 5 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	3.52 ng	92641	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Docosane	310	C22H46	000629-97-0	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentacosane	352	C25H52	000629-99-2	90



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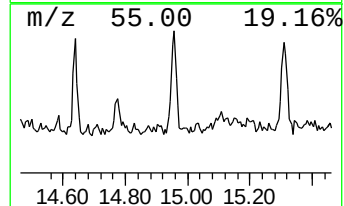
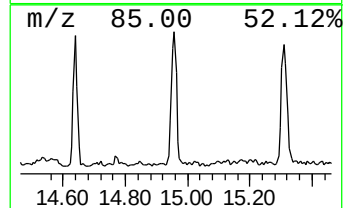
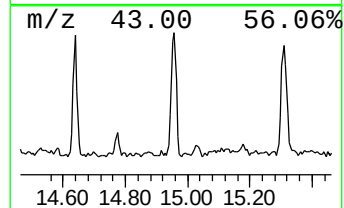
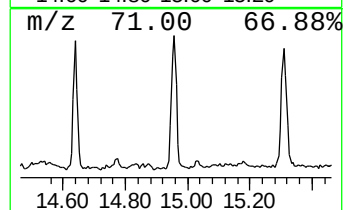
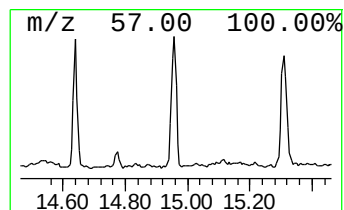
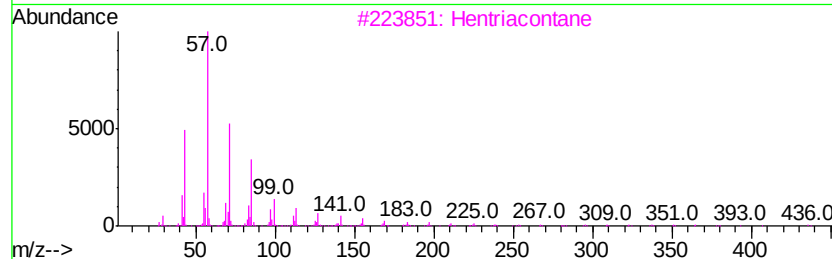
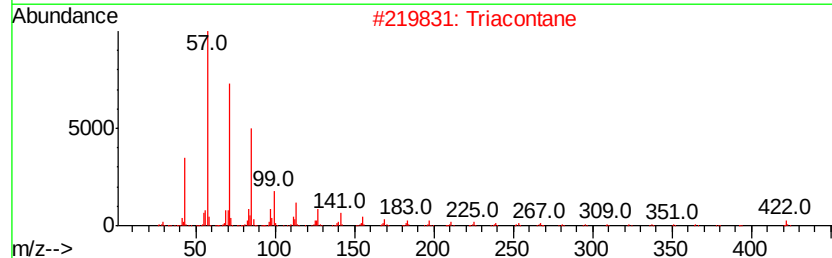
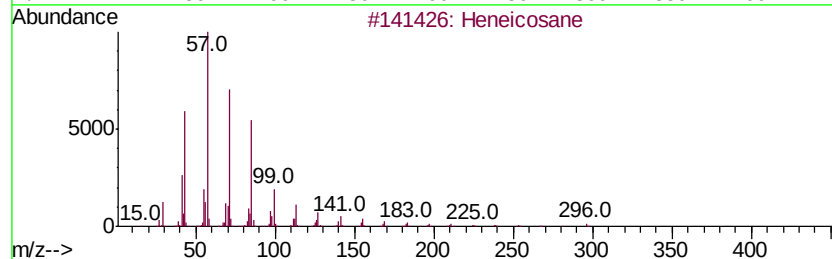
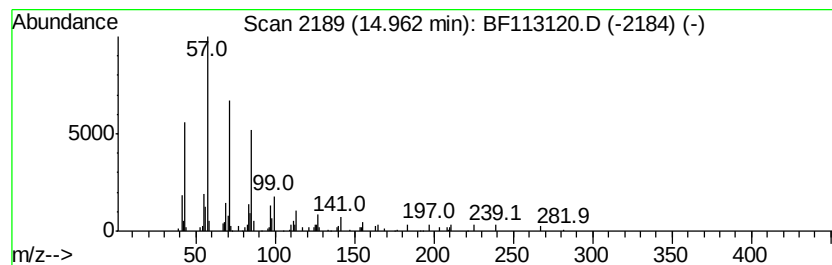
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	4.97 ng	130616	Perylene-d12	15.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	triacontane		422	C30H62	000638-68-6	91
3	Hentriacontane		437	C31H64	000630-04-6	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Heptacosane		380	C27H56	000593-49-7	91



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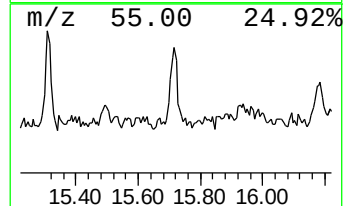
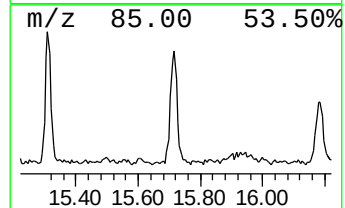
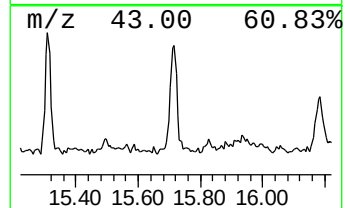
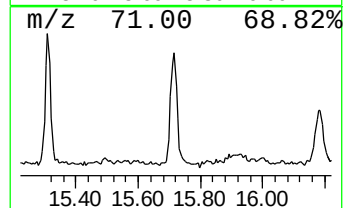
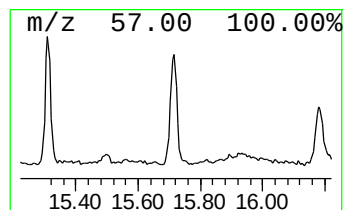
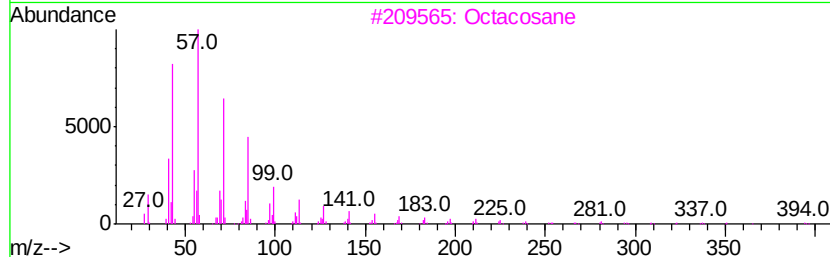
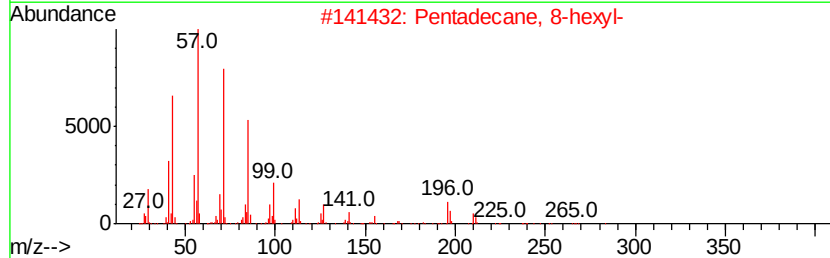
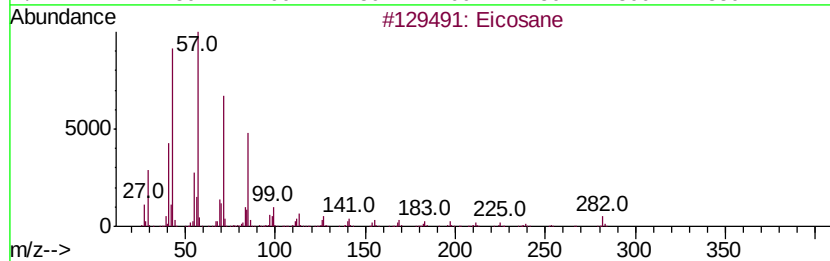
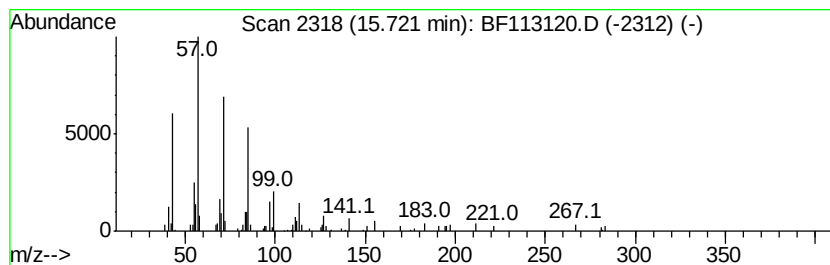
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	5.11 ng	134325	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3		Octacosane	394	C28H58	000630-02-4	86
4		Hentriacontane	437	C31H64	000630-04-6	83
5		Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113120.D
Acq On : 19 Mar 2019 5:30
Operator : JU/SJ
Sample : K1947-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

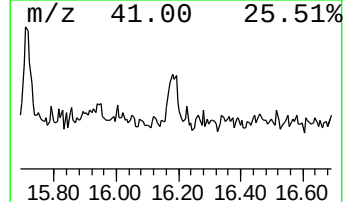
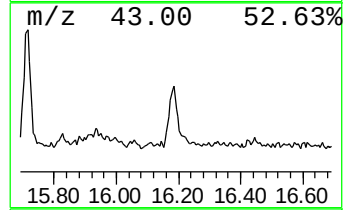
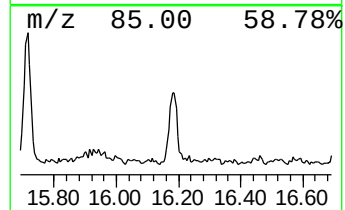
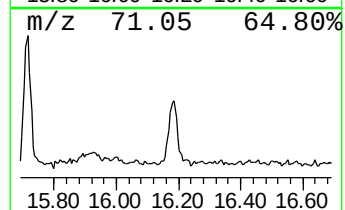
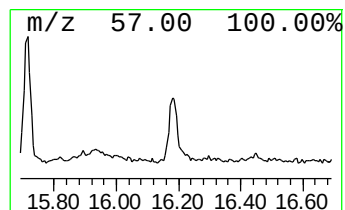
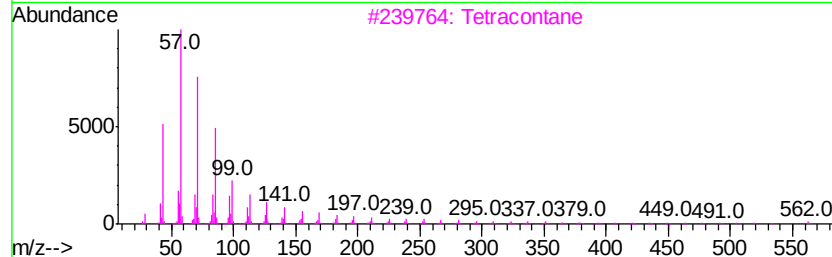
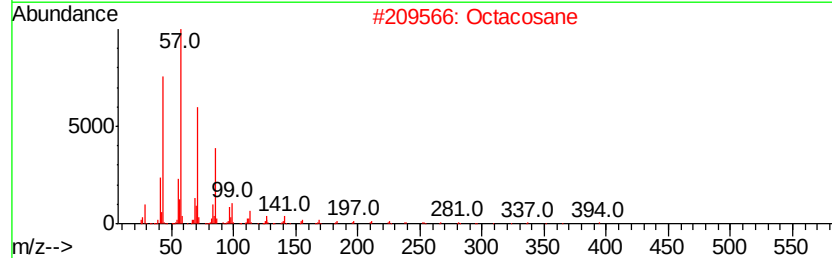
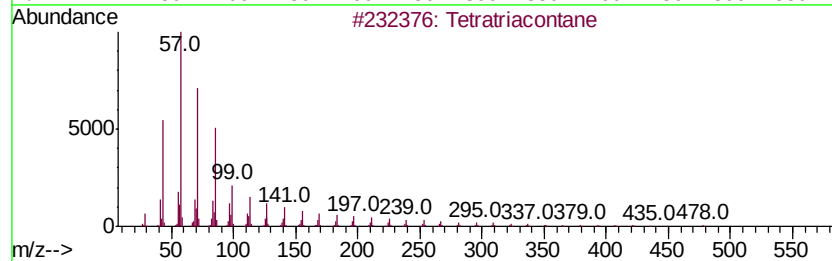
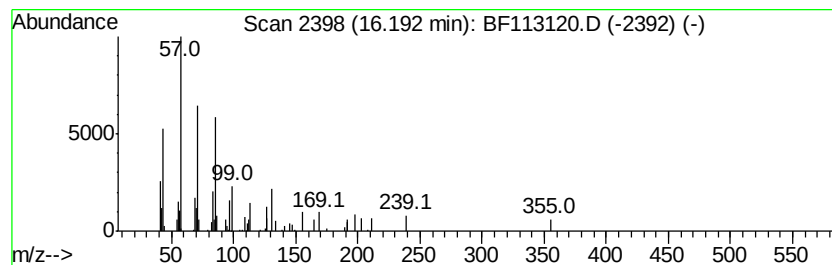
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetratriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.64 ng	69550	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetracontane	563	C40H82	004181-95-7	90
4		Pentacosane	352	C25H52	000629-99-2	86
5		Hentriacontane	437	C31H64	000630-04-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
Data File : BF113120.D
Acq On : 19 Mar 2019 5:30
Operator : JU/SJ
Sample : K1947-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.50	6.50	85.7	ng	3505680	1	6.73	818373	20.0
n-Hexadecanoic acid	11.77	2.0	ng	77427	4	11.24	754963	20.0
n-Tetracosanol-1	13.79	5.7	ng	238401	5	13.87	839252	20.0
Hexacosane	14.64	3.5	ng	92641	6	15.28	526009	20.0
Heneicosane	14.96	5.0	ng	130616	6	15.28	526009	20.0
Eicosane	15.72	5.1	ng	134325	6	15.28	526009	20.0
Tetratriacontane	16.19	2.6	ng	69550	6	15.28	526009	20.0