

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042419\
 Data File : BF113953.D
 Acq On : 24 Apr 2019 11:39
 Operator : JU/SJ
 Sample : K2515-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

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-BF042219.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	2.205	17	20	25	rVB	40651	53566	1.16%	0.160%
2	5.522	579	584	587	rBV	2963751	3003299	65.23%	8.987%
3	6.528	749	755	771	rBV	2826630	3203237	69.57%	9.585%
4	6.669	774	779	782	rBV	3403375	3305357	71.79%	9.890%
5	6.893	814	817	821	rBV	839670	724887	15.74%	2.169%
6	7.051	840	844	848	rBV	2838658	2686333	58.35%	8.038%
7	7.451	907	912	915	rBV	1905248	2029792	44.09%	6.074%
8	8.175	1031	1035	1039	rBV	1093942	894157	19.42%	2.676%
9	9.251	1213	1218	1221	rBV	4412548	4182846	90.85%	12.516%
10	9.639	1280	1284	1289	rBV	315109	262013	5.69%	0.784%
11	9.928	1329	1333	1346	rVB	1145379	1105306	24.01%	3.307%
12	10.716	1463	1467	1485	rBV	2487298	2453888	53.30%	7.343%
13	11.416	1582	1586	1589	rBV	1424171	1182787	25.69%	3.539%
14	11.939	1670	1675	1679	rBV	149795	168316	3.66%	0.504%
15	12.598	1783	1787	1790	rBV	54036	63320	1.38%	0.189%
16	12.722	1802	1808	1822	rBV	174509	240593	5.23%	0.720%
17	13.004	1850	1856	1859	rBV	4583644	4604086	100.00%	13.777%
18	13.227	1891	1894	1899	rBV	87351	79720	1.73%	0.239%
19	13.574	1949	1953	1956	rBV	175304	151042	3.28%	0.452%
20	13.904	2005	2009	2014	rVB	228994	195970	4.26%	0.586%
21	14.057	2030	2035	2042	rBV	1075470	1091530	23.71%	3.266%
22	14.227	2060	2064	2067	rBV	184175	162394	3.53%	0.486%
23	14.539	2112	2117	2121	rVB	155841	150786	3.28%	0.451%
24	14.857	2167	2171	2178	rVB	124071	133598	2.90%	0.400%
25	15.198	2225	2229	2235	rVB	92633	111123	2.41%	0.333%
26	15.551	2284	2289	2293	rBV	724776	937574	20.36%	2.805%
27	15.592	2293	2296	2302	rVB	75595	99580	2.16%	0.298%
28	16.033	2366	2371	2377	rBV2	55114	81251	1.76%	0.243%
29	16.551	2455	2459	2467	rVB2	35104	61283	1.33%	0.183%

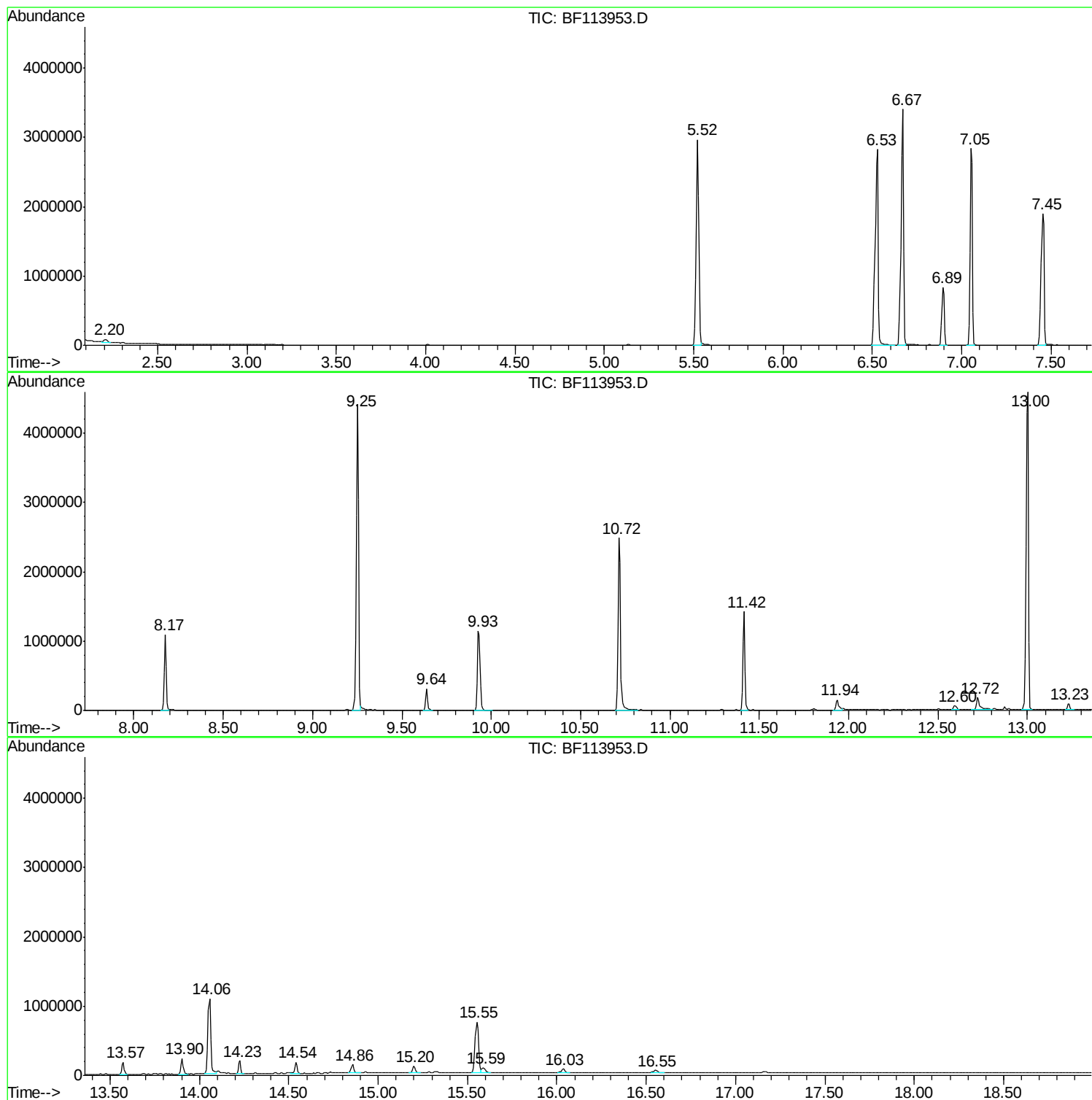
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ClientSampled :
TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.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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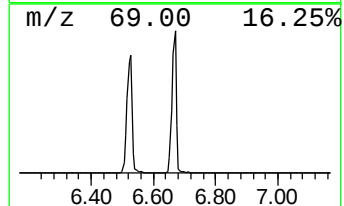
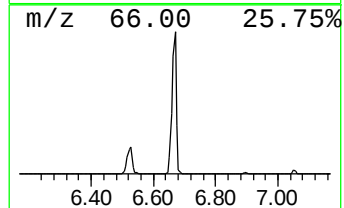
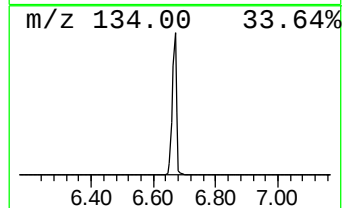
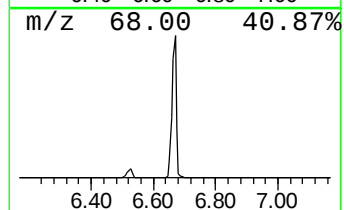
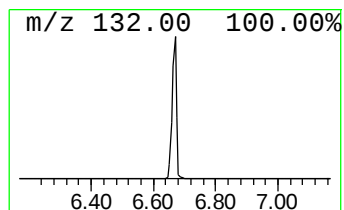
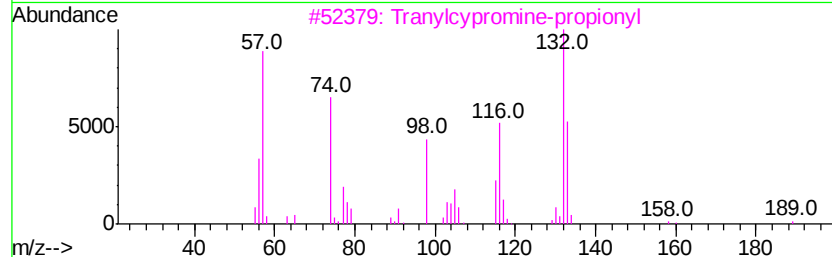
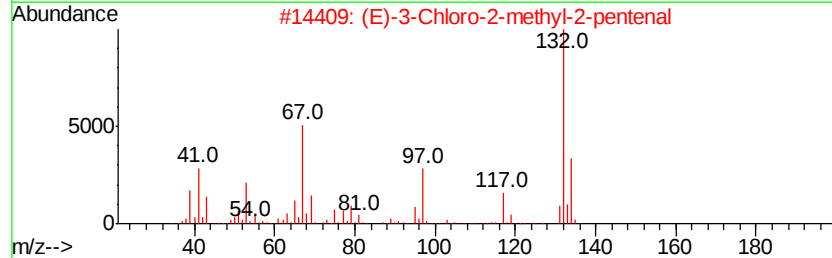
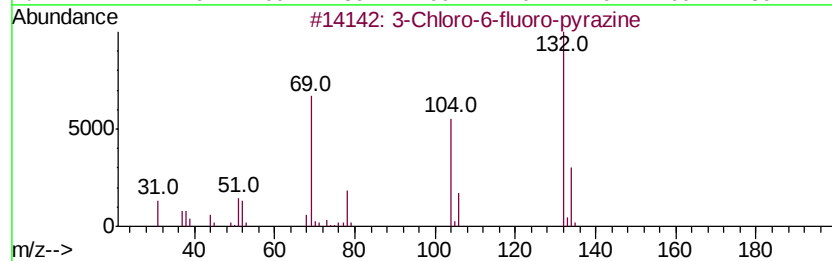
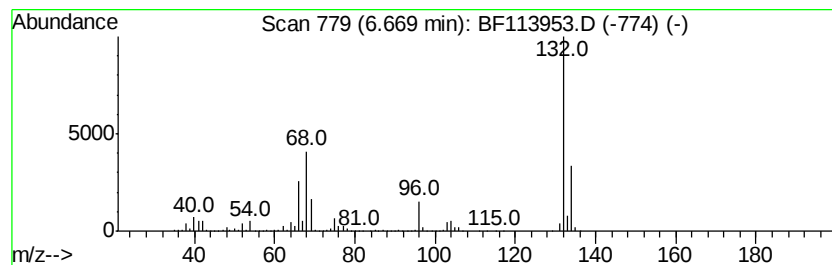
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	91.20 ng	3305360	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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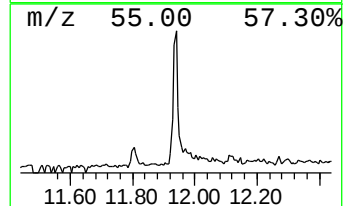
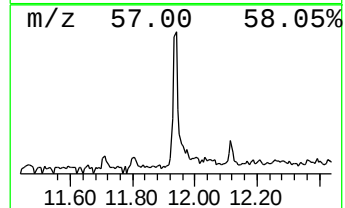
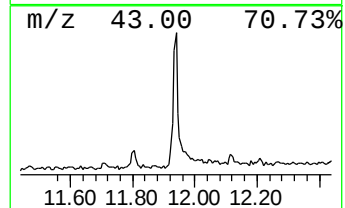
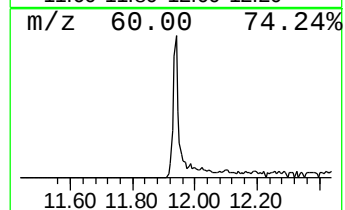
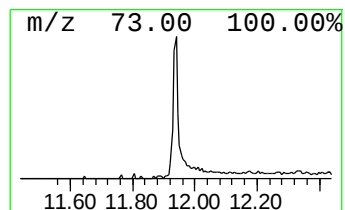
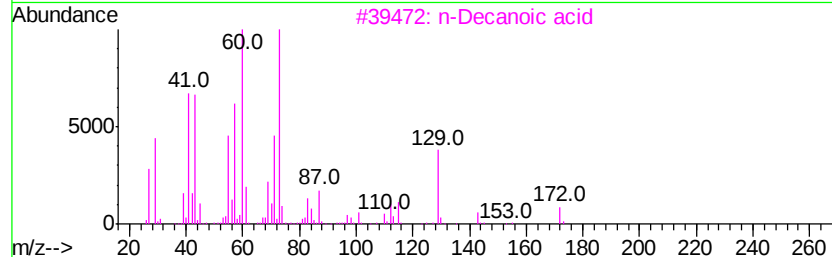
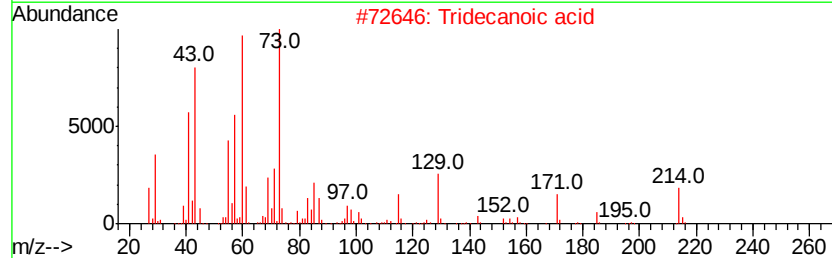
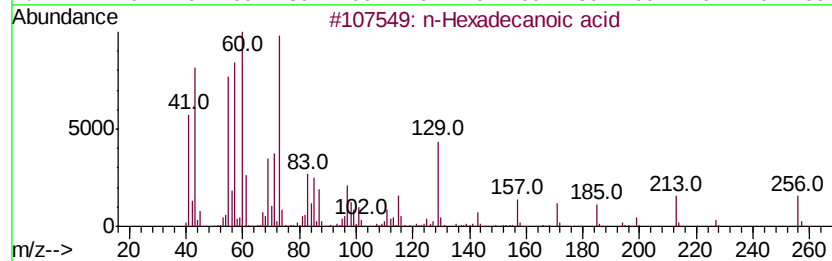
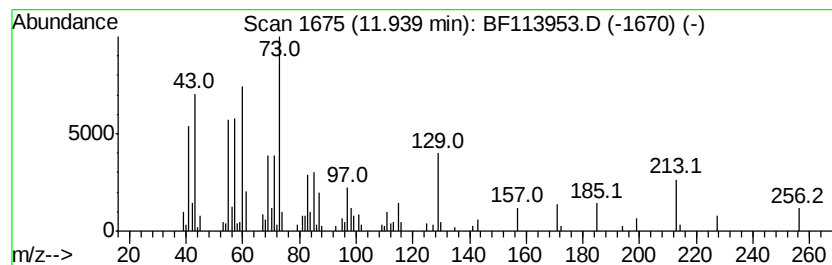
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.94	2.85 ng	168316	Phenanthrene-d10	11.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	91
3		n-Decanoic acid	172	C10H20O2	000334-48-5	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	18



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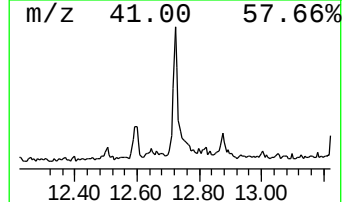
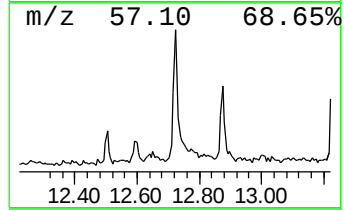
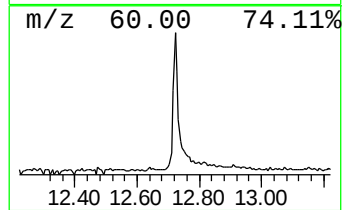
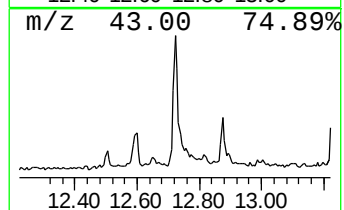
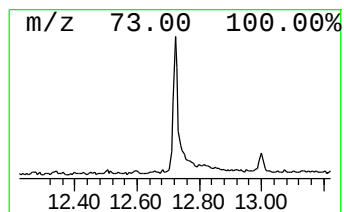
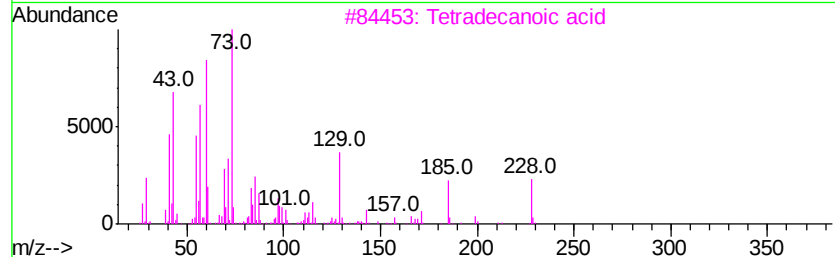
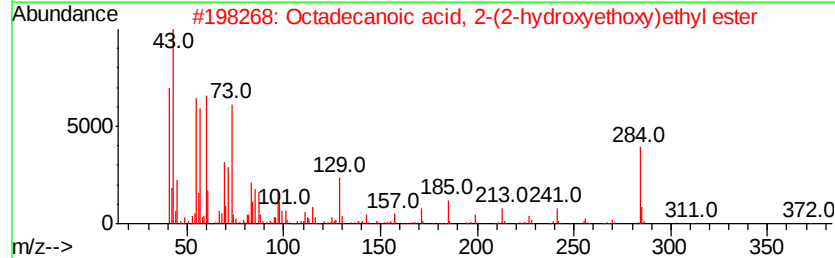
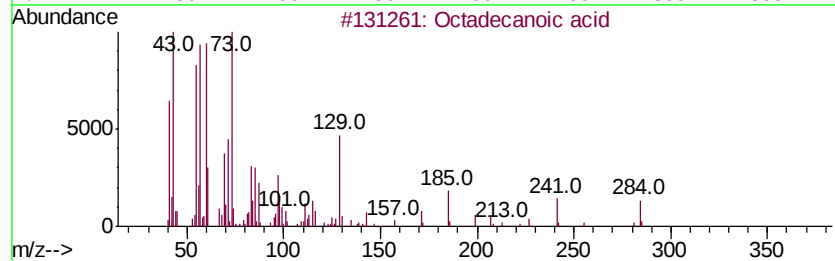
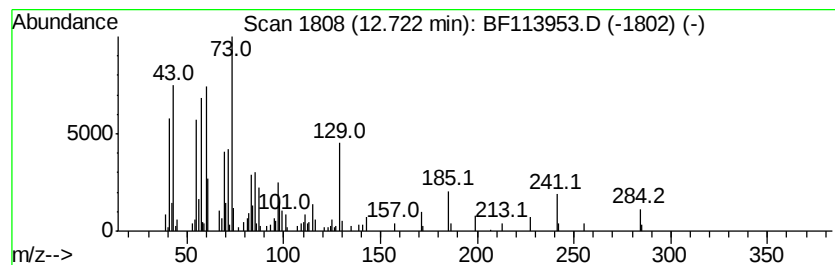
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	4.07 ng	240593	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxyve...		372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	62
5	n-Decanoic acid		172	C10H20O2	000334-48-5	49



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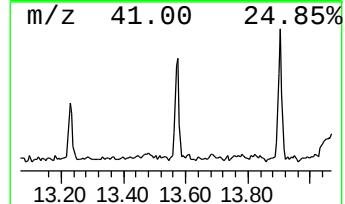
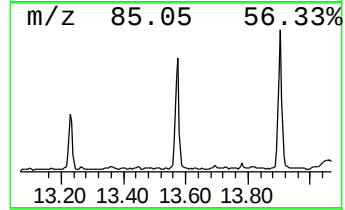
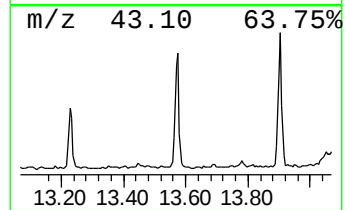
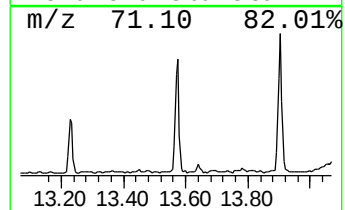
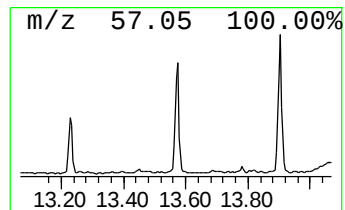
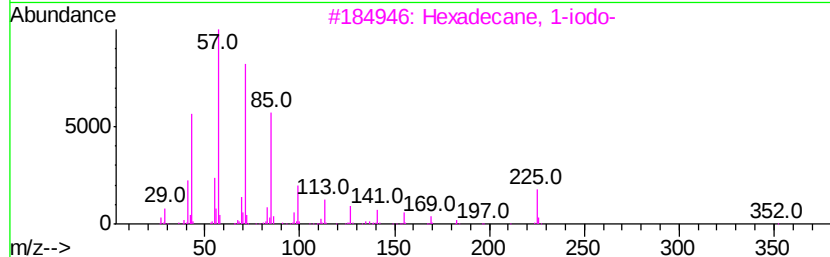
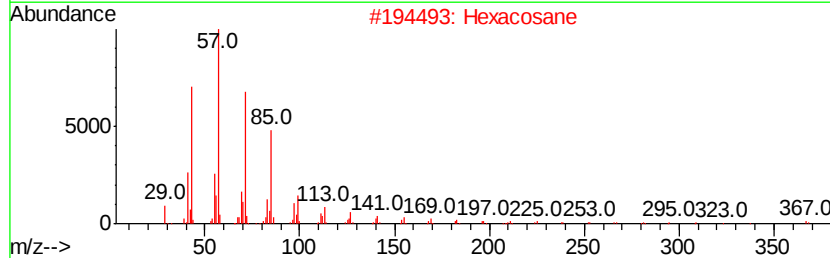
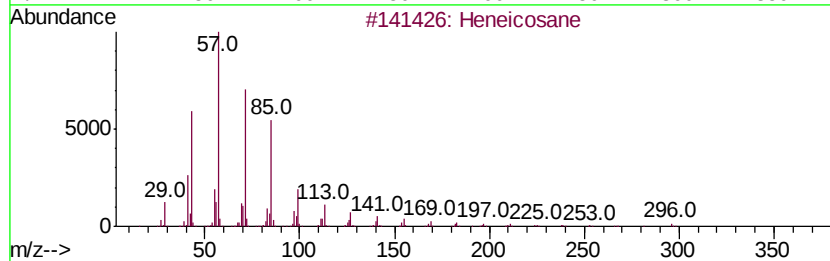
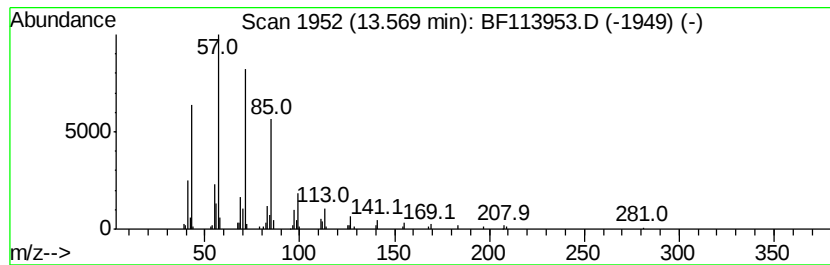
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Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	2.77 ng	151042	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90
4	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	87
5	Tetracosane		338	C24H50	000646-31-1	87



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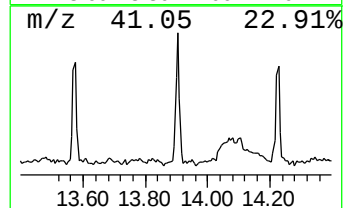
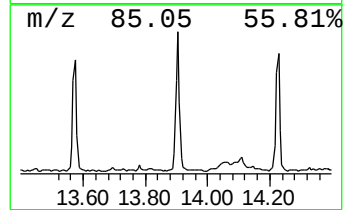
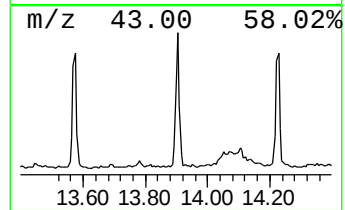
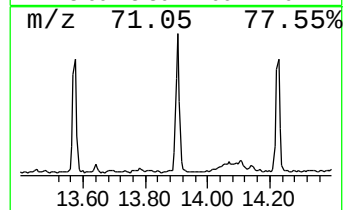
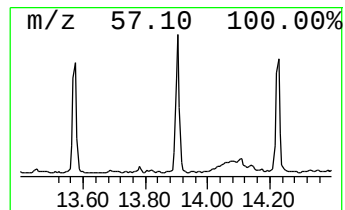
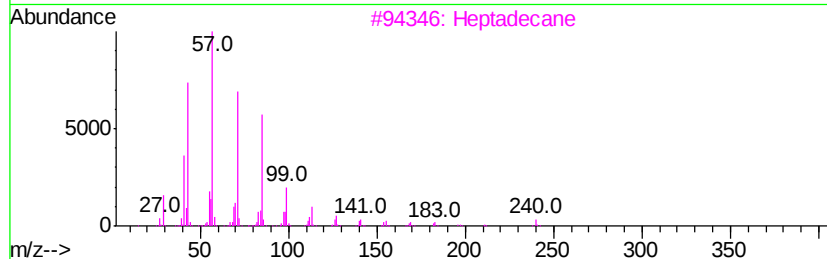
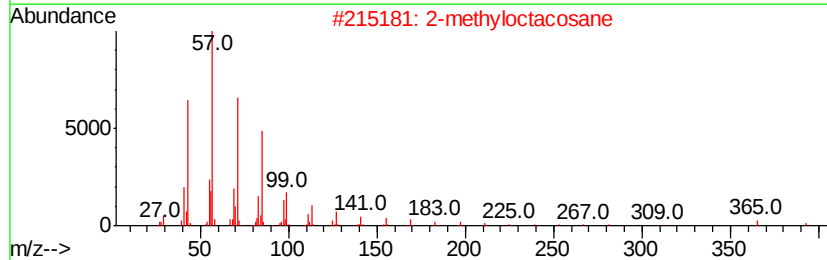
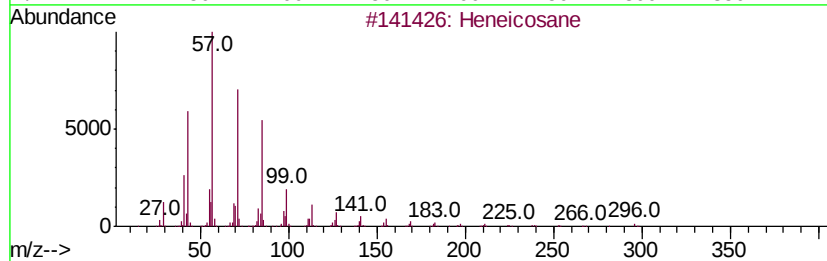
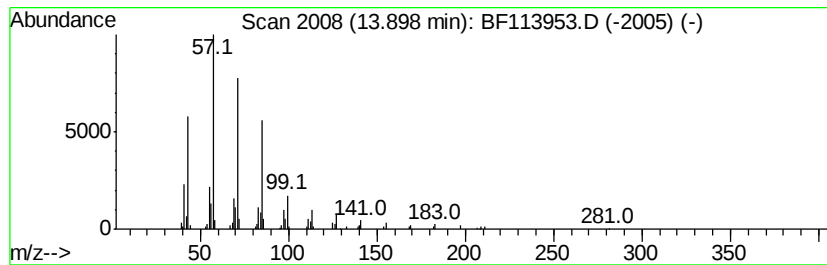
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	3.59 ng	195970	Chrysene-d12	14.06

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		Heptadecane	240	C17H36	000629-78-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octacosane	394	C28H58	000630-02-4	90



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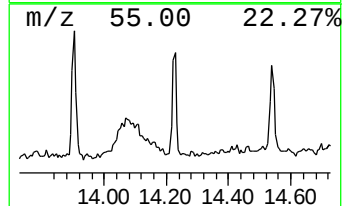
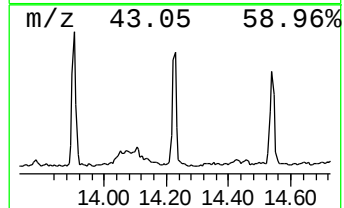
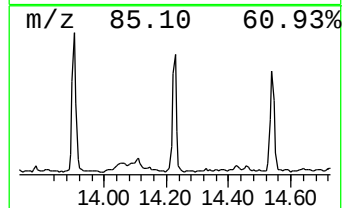
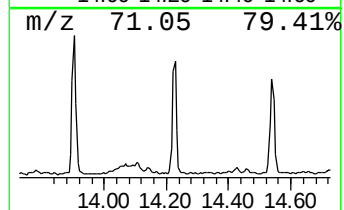
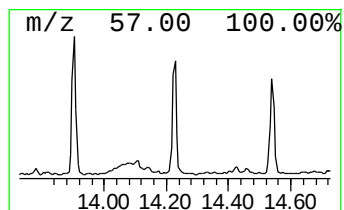
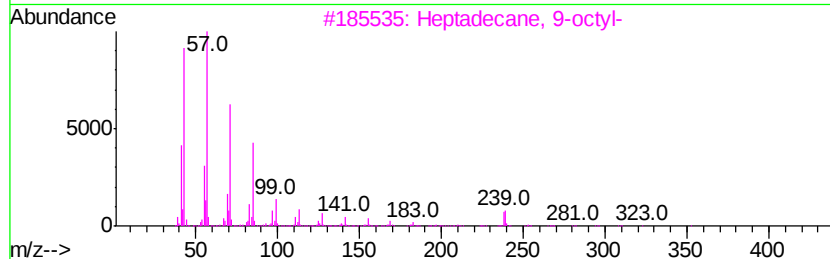
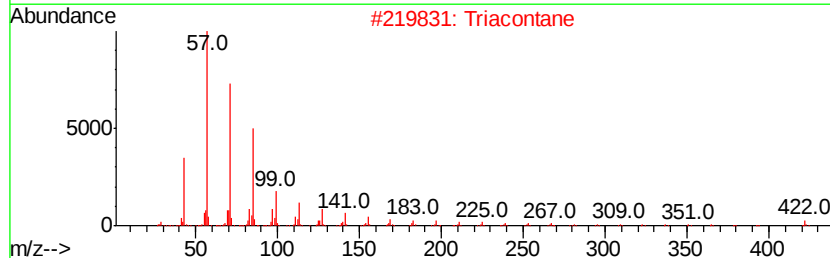
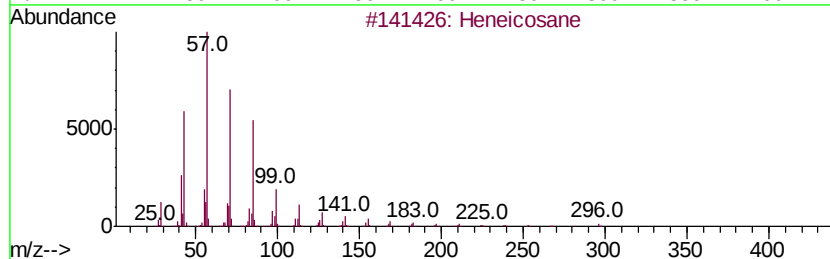
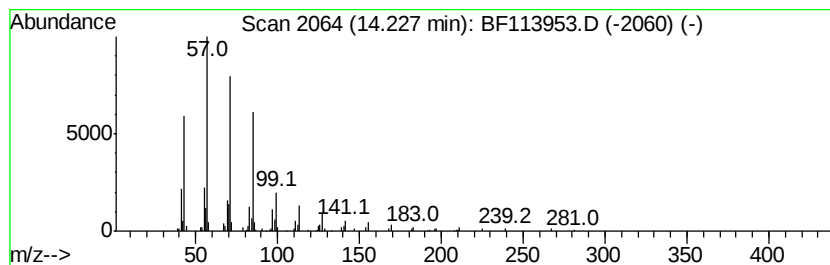
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.98 ng	162394	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113953.D
Acq On : 24 Apr 2019 11:39
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

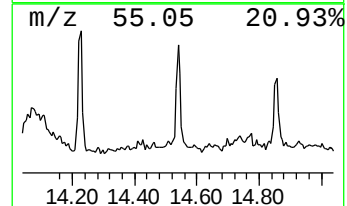
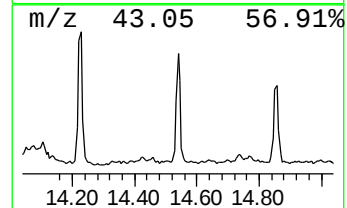
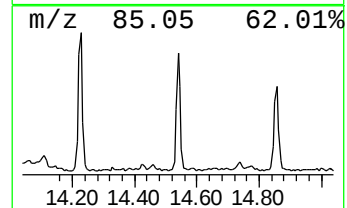
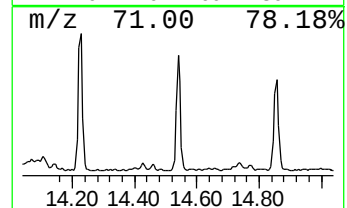
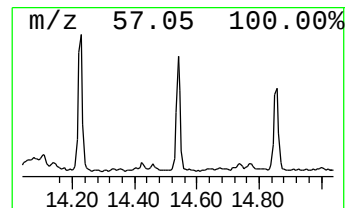
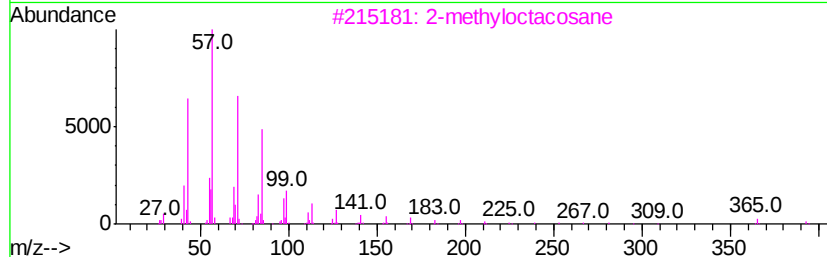
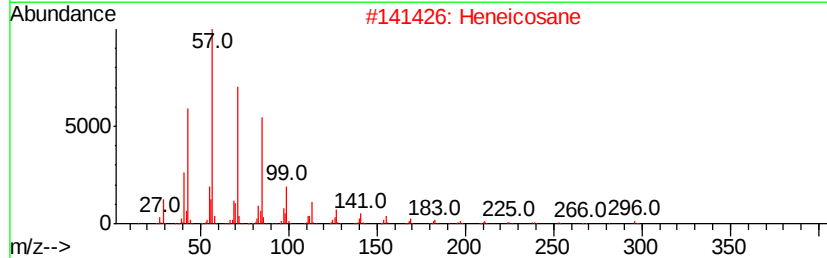
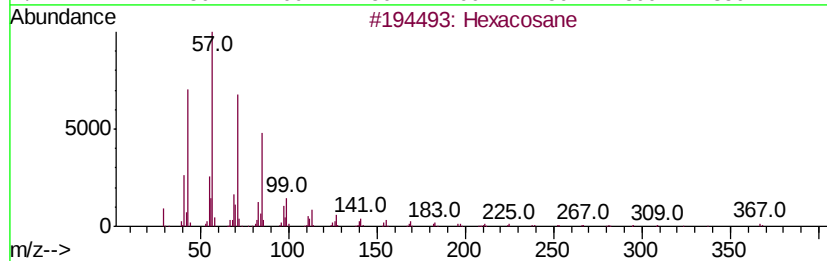
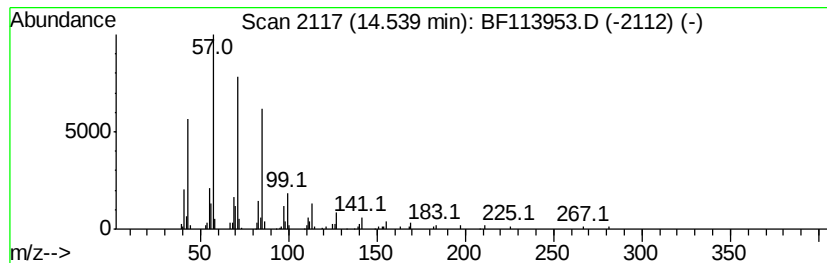
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ClientSampleId :
TP-10

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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 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.76 ng	150786	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Heneicosane	296 C21H44	000629-94-7	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	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\BF042419\
Data File : BF113953.D
Acq On : 24 Apr 2019 11:39
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

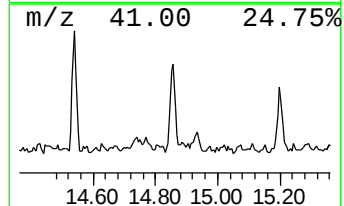
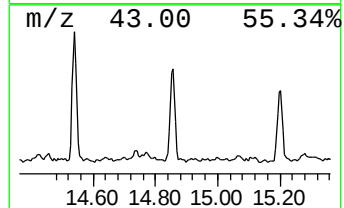
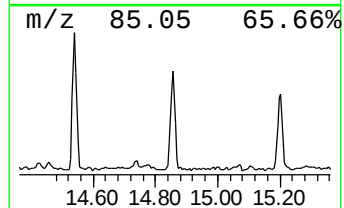
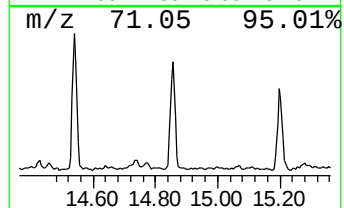
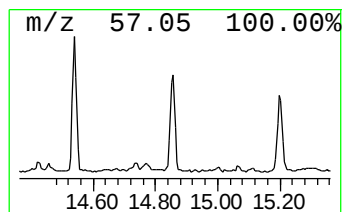
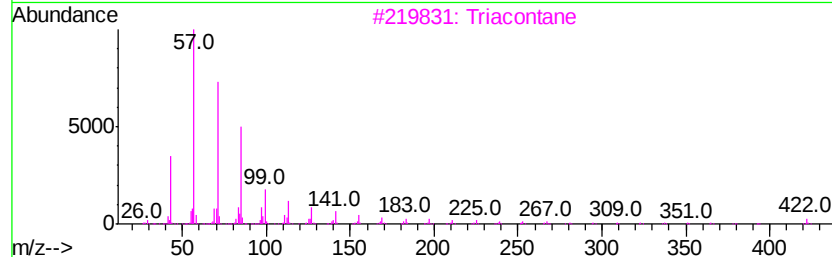
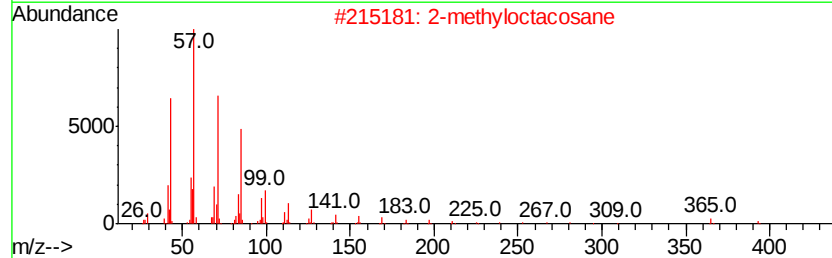
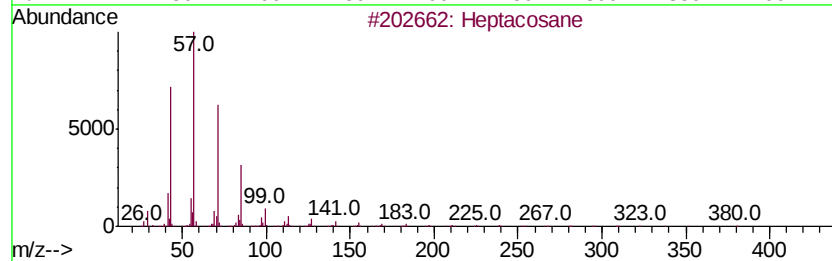
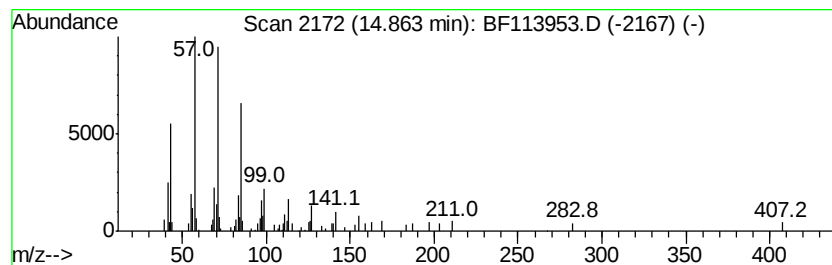
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	2.85 ng	133598	Perylene-d12	15.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	2-methyloctacosane		408	C29H60	1000376-72-8	91
3	triacontane		422	C30H62	000638-68-6	91
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexadecane, 1-iodo-		352	C16H33I	000544-77-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113953.D
Acq On : 24 Apr 2019 11:39
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

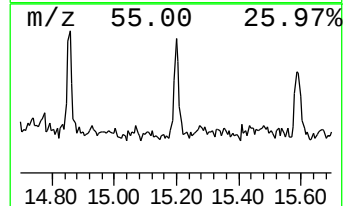
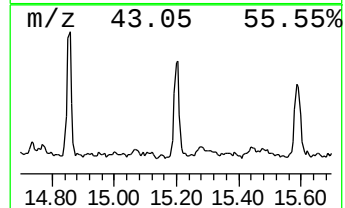
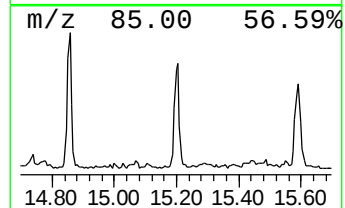
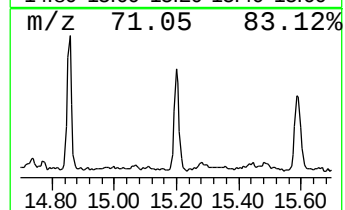
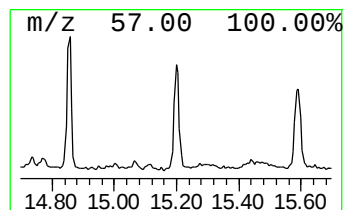
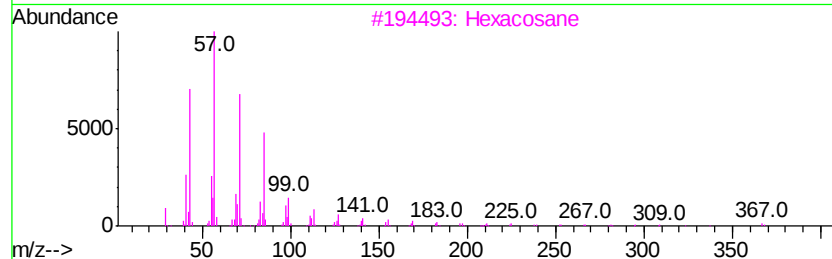
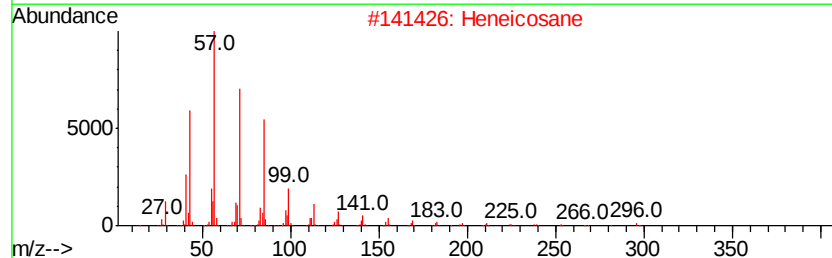
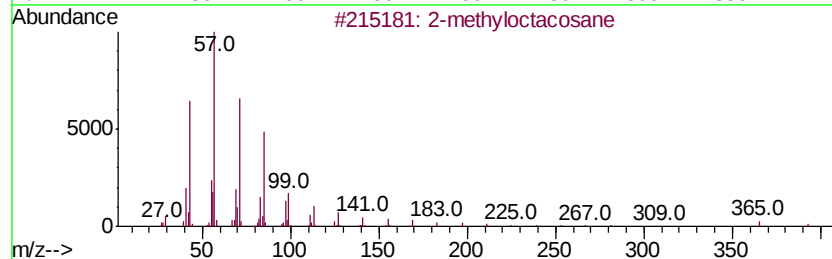
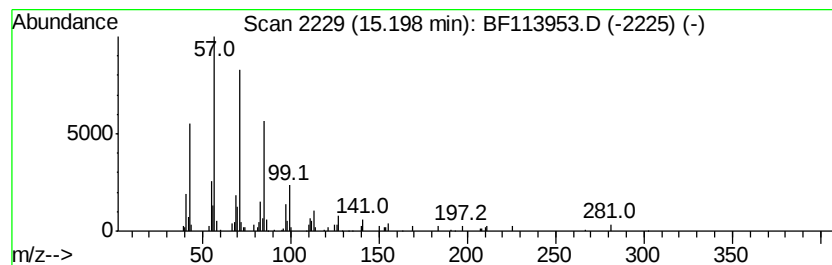
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	2.37 ng	111123	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042419\
Data File : BF113953.D
Acq On : 24 Apr 2019 11:39
Operator : JU/SJ
Sample : K2515-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.67	6.67	91.2	ng	3305360	1	6.89	724887	20.0
n-Hexadecanoic acid	11.94	2.9	ng	168316	4	11.42	1182790	20.0
Octadecanoic acid	12.72	4.1	ng	240593	4	11.42	1182790	20.0
Heneicosane	13.57	2.8	ng	151042	5	14.06	1091530	20.0
2-methyloctacosane	13.90	3.6	ng	195970	5	14.06	1091530	20.0
triacontane	14.23	3.0	ng	162394	5	14.06	1091530	20.0
Hexacosane	14.54	2.8	ng	150786	5	14.06	1091530	20.0
Heptacosane	14.86	2.9	ng	133598	6	15.55	937574	20.0
Octacosane	15.20	2.4	ng	111123	6	15.55	937574	20.0