

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113789.D
 Acq On : 16 Apr 2019 13:02
 Operator : JU/SJ
 Sample : K2423-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-B

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-BF040319.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	5.298	542	546	577	rBV	1834517	2648806	92.75%	10.611%
2	6.334	718	722	738	rBV	2217263	2695623	94.39%	10.798%
3	6.451	738	742	754	rVB	2736780	2741012	95.97%	10.980%
4	6.669	776	779	791	rVB	714214	677338	23.72%	2.713%
5	6.828	802	806	827	rVB	2416418	2150215	75.29%	8.613%
6	7.239	872	876	905	rBV	1553274	1733583	60.70%	6.944%
7	7.957	994	998	1018	rBV	658120	827782	28.98%	3.316%
8	9.028	1176	1180	1193	rBV	3179617	2855982	100.00%	11.440%
9	9.427	1245	1248	1261	rVB	337761	357656	12.52%	1.433%
10	9.704	1291	1295	1311	rBV	872689	817129	28.61%	3.273%
11	10.498	1426	1430	1447	rBV	1214254	1408939	49.33%	5.644%
12	11.186	1544	1547	1566	rBV	623671	741018	25.95%	2.968%
13	11.727	1636	1639	1653	rBV2	56752	122503	4.29%	0.491%
14	12.510	1769	1772	1783	rBV2	77118	157595	5.52%	0.631%
15	12.768	1811	1816	1829	rVB	2245506	2110317	73.89%	8.454%
16	13.339	1908	1913	1916	rBV2	34453	38491	1.35%	0.154%
17	13.668	1965	1969	1972	rBV	38817	37450	1.31%	0.150%
18	13.827	1992	1996	2002	rBV	712615	801644	28.07%	3.211%
19	13.980	2019	2022	2034	rVB	84709	92412	3.24%	0.370%
20	14.286	2070	2074	2078	rVB	115708	109148	3.82%	0.437%
21	14.580	2120	2124	2128	rBV	153941	151362	5.30%	0.606%
22	14.645	2132	2135	2138	rVB2	39501	36453	1.28%	0.146%
23	14.886	2172	2176	2181	rVB	177166	186117	6.52%	0.746%
24	15.239	2230	2236	2253	rVB	694417	1091245	38.21%	4.371%
25	15.621	2297	2301	2307	rVB	124431	169782	5.94%	0.680%
26	16.074	2373	2378	2390	rVB2	75879	147071	5.15%	0.589%
27	16.598	2464	2467	2476	rVB2	30865	57130	2.00%	0.229%

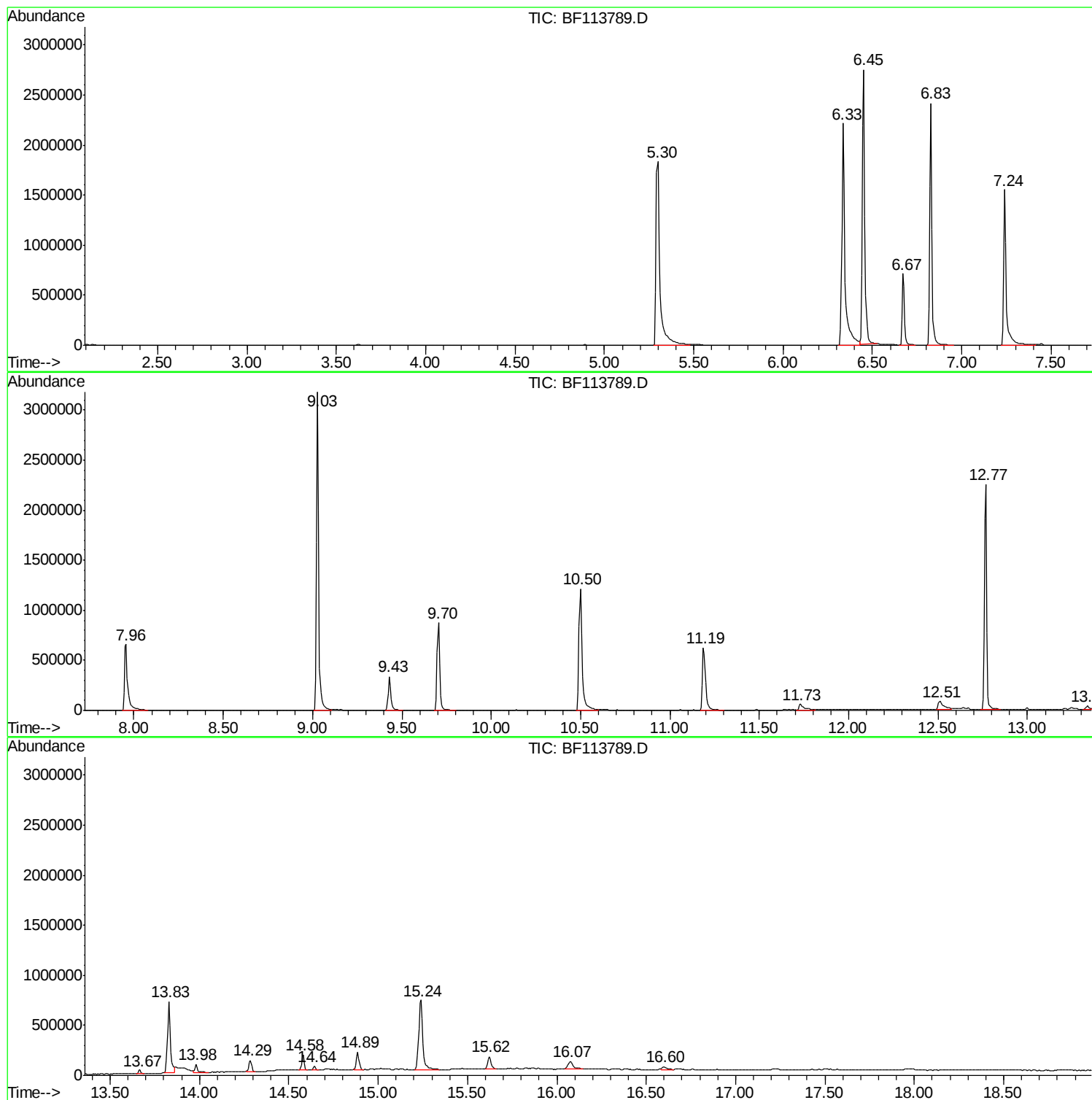
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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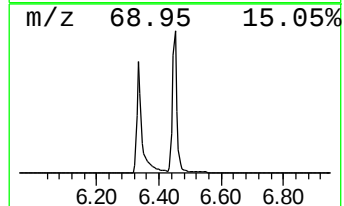
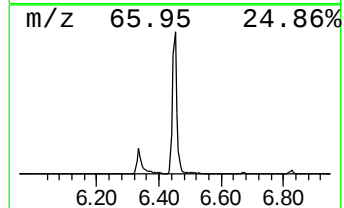
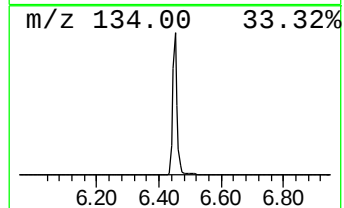
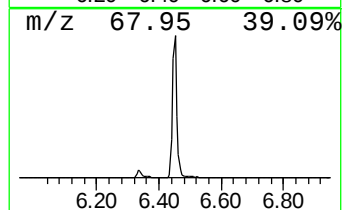
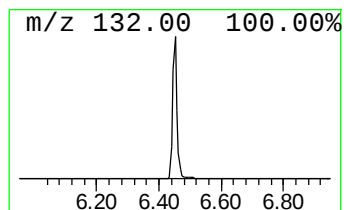
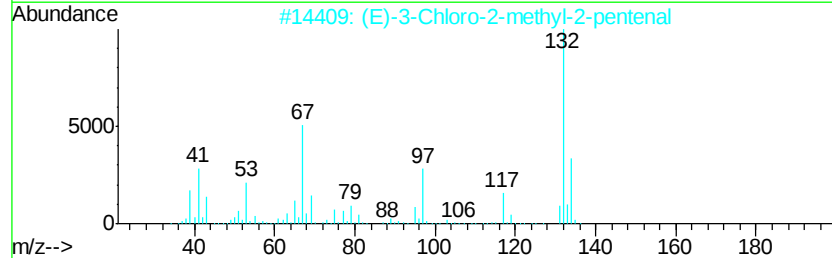
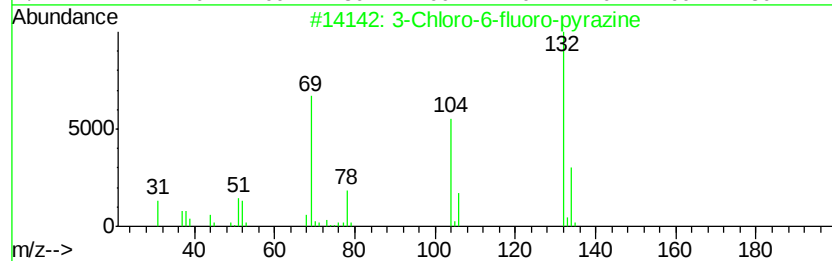
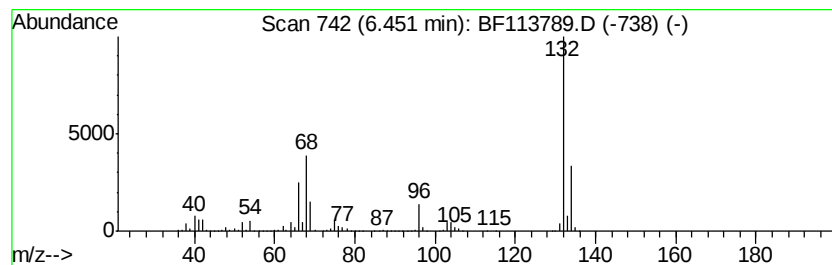
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.45 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	80.93 ng	2741010	1,4-Dichlorobenzene-d4	6.67

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	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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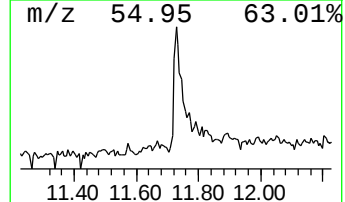
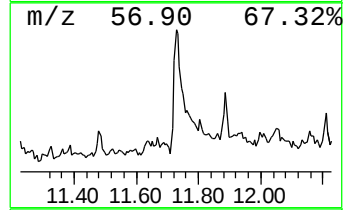
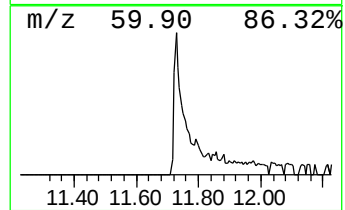
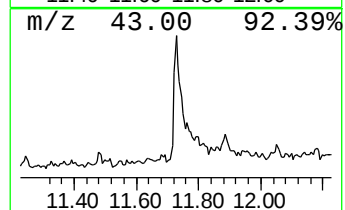
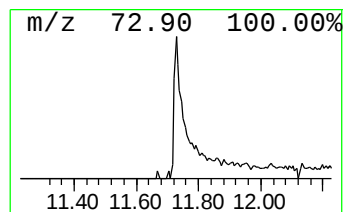
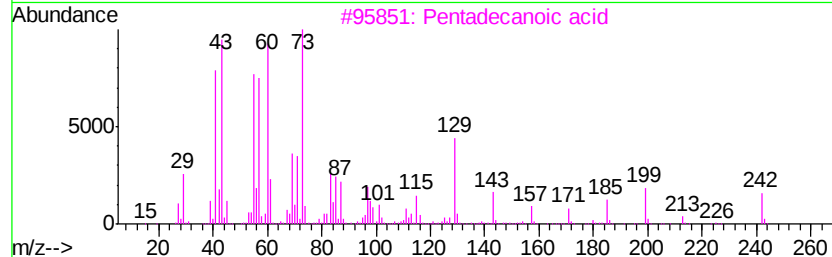
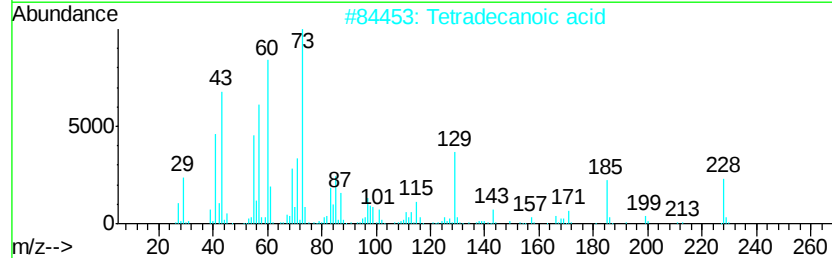
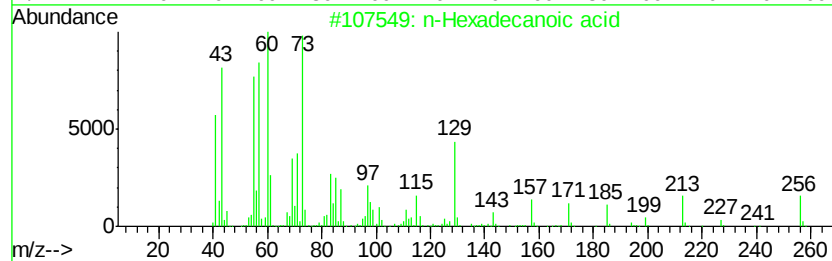
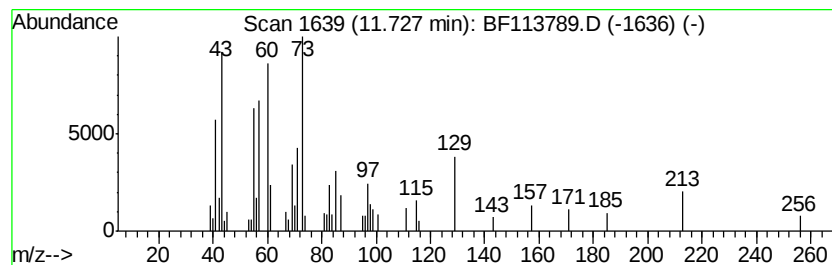
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.31 ng	122503	Phenanthrene-d10	11.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53



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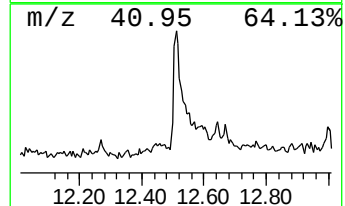
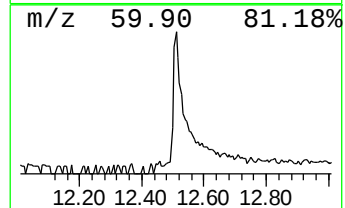
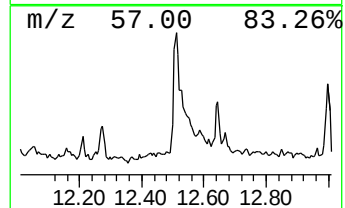
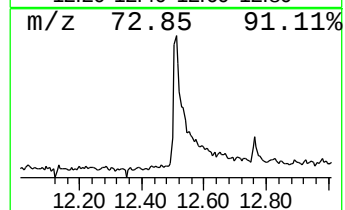
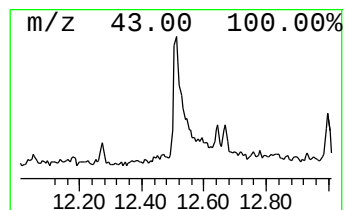
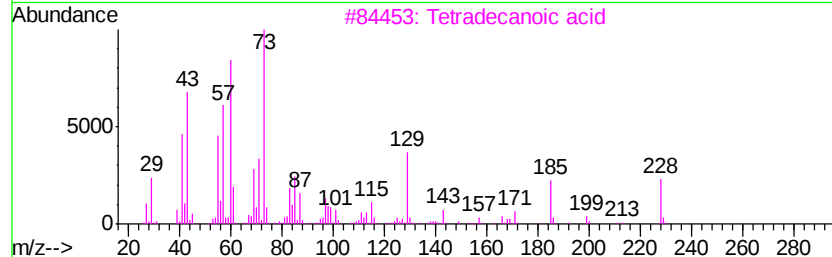
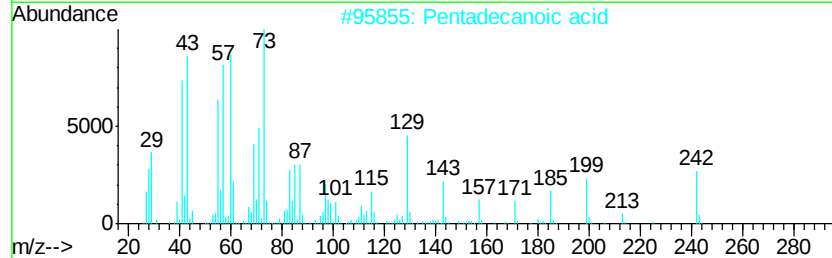
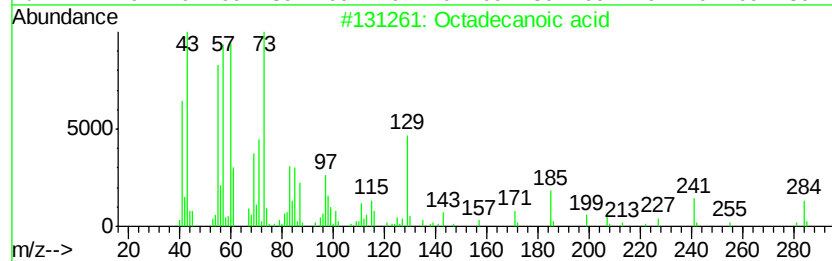
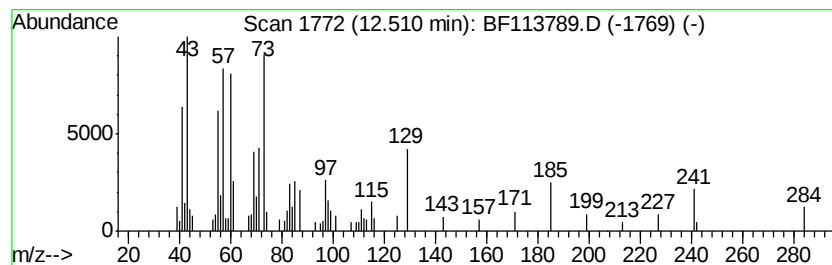
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Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	3.93 ng	157595	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	53



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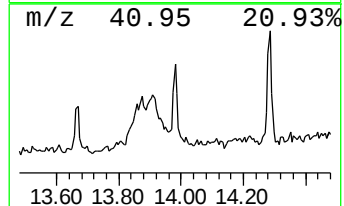
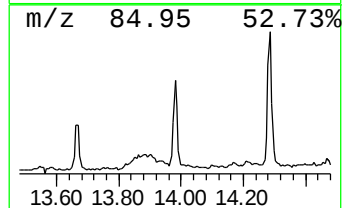
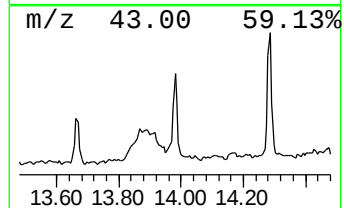
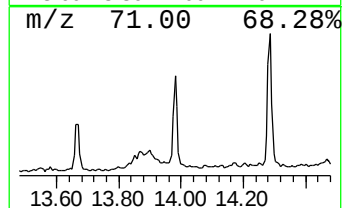
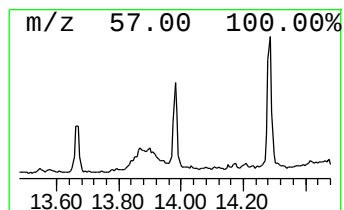
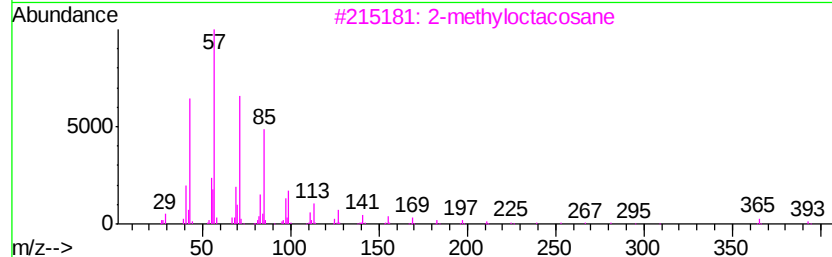
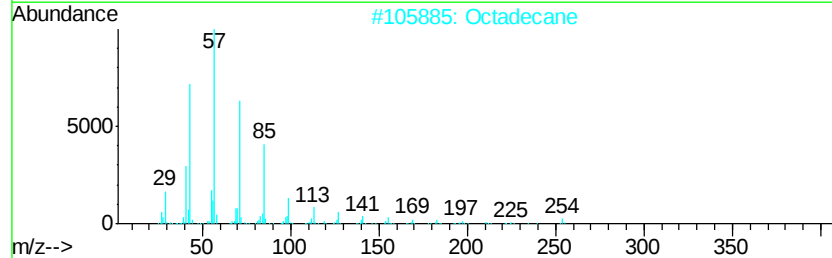
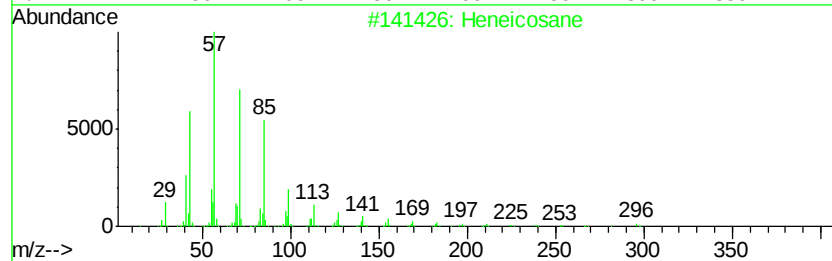
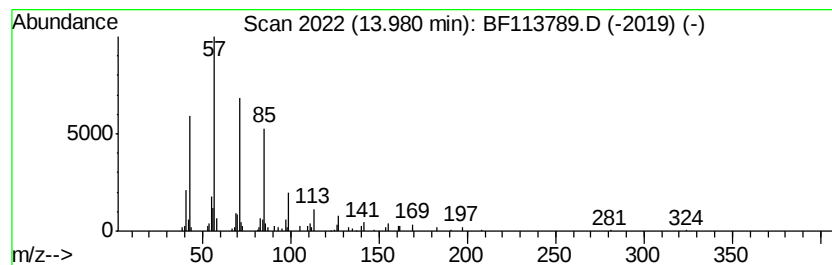
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.98	2.31 ng	92412	Chrysene-d12		13.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
5	Heptadecane	240	C17H36	000629-78-7	86



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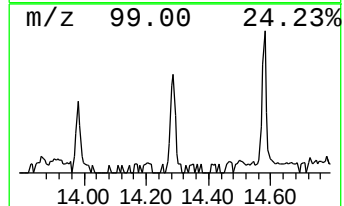
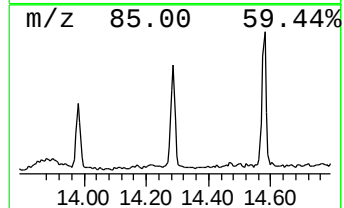
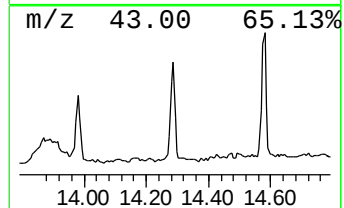
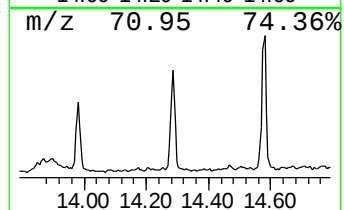
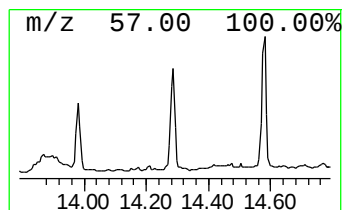
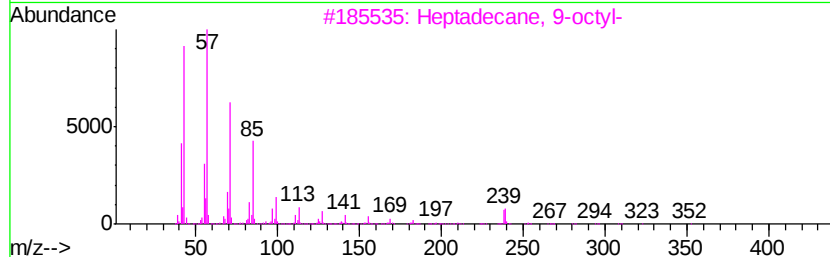
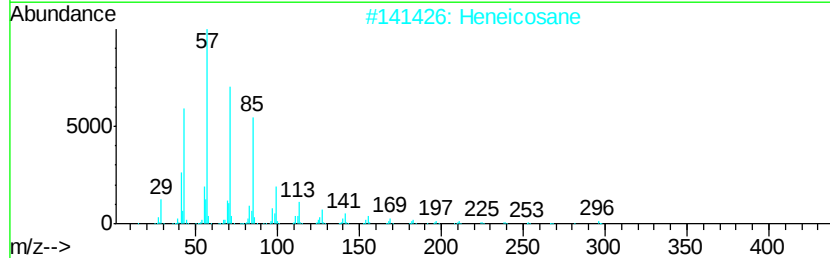
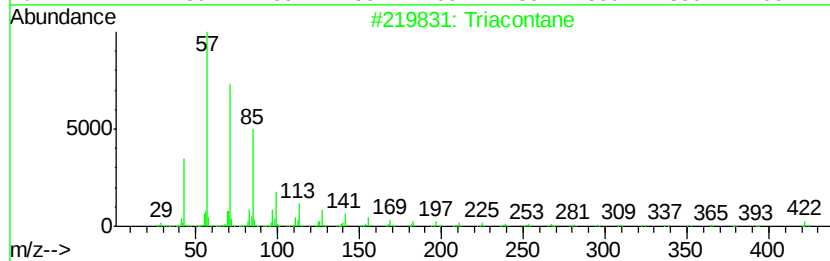
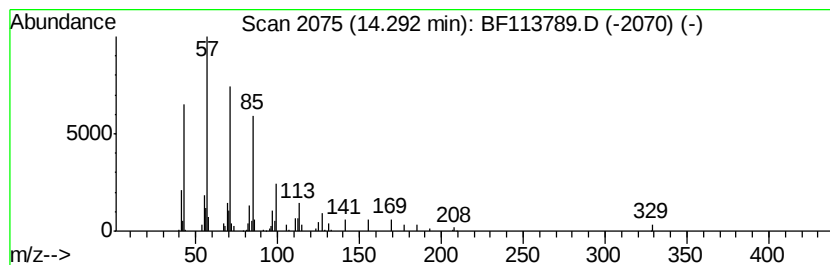
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Peak Number 6 Triacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	2.72 ng	109148	Chrysene-d12	13.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Octadecane	254	C18H38	000593-45-3	87
5		Hentriacontane	437	C31H64	000630-04-6	87



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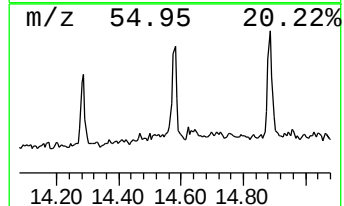
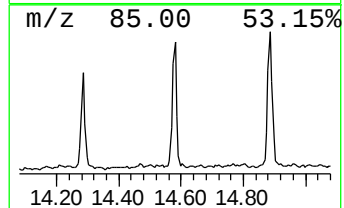
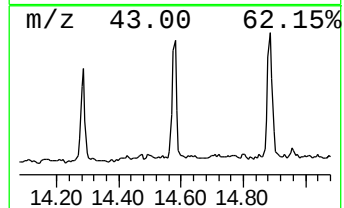
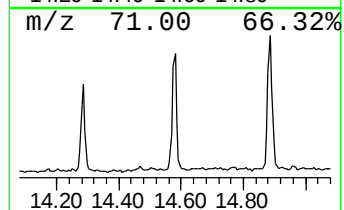
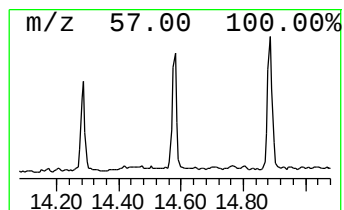
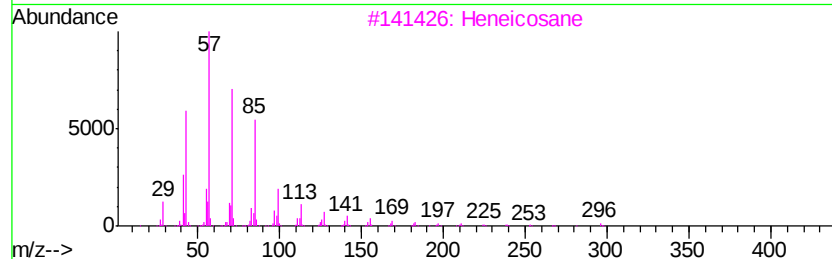
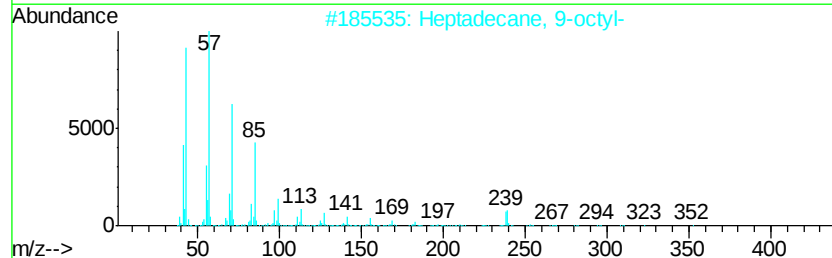
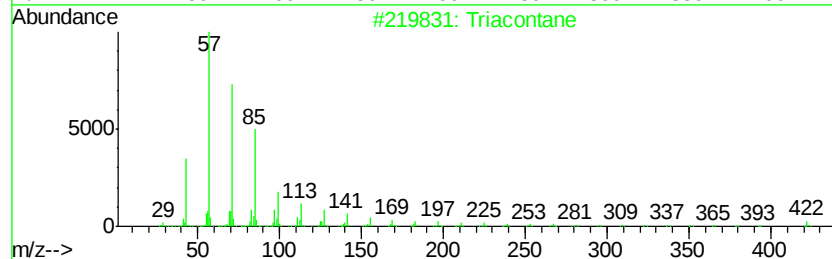
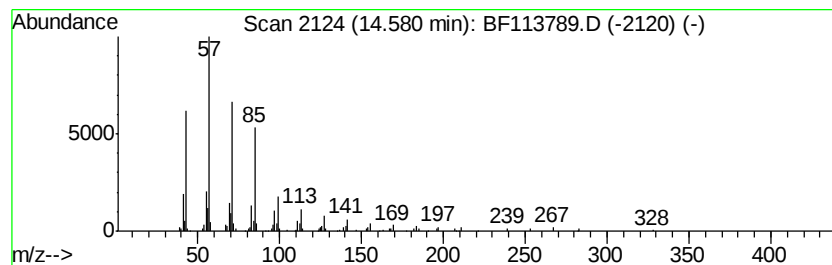
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.77 ng	151362	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113789.D
Acq On : 16 Apr 2019 13:02
Operator : JU/SJ
Sample : K2423-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-B

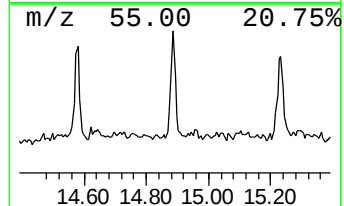
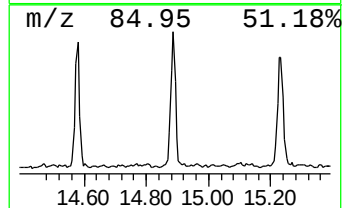
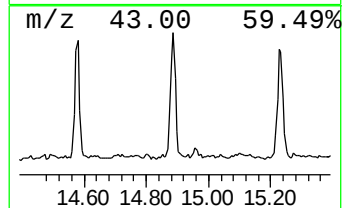
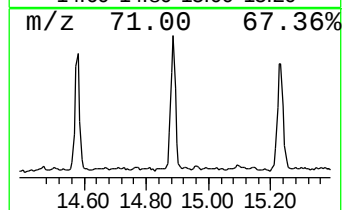
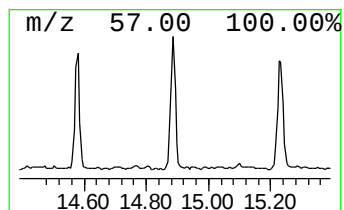
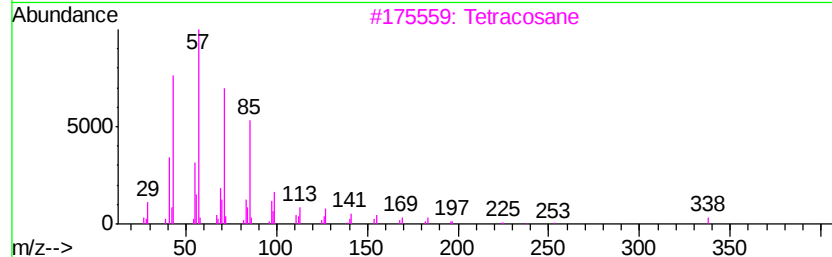
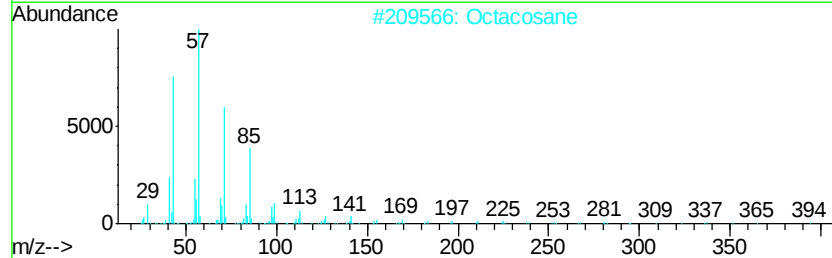
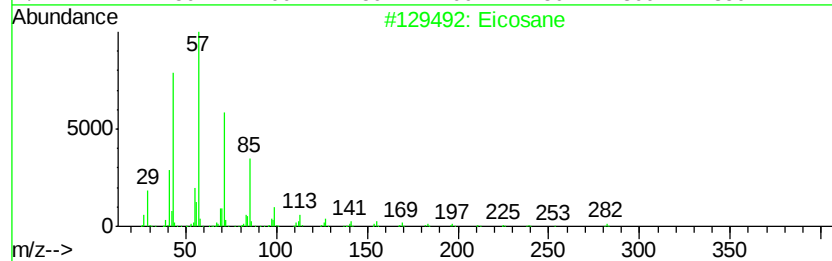
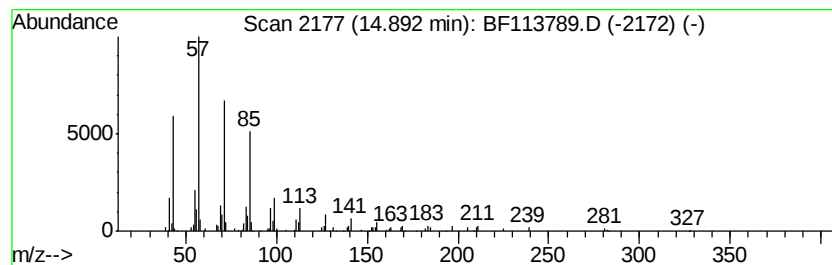
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	3.41 ng	186117	Perylene-d12	15.24

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		Tetracosane	338	C24H50	000646-31-1	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113789.D
Acq On : 16 Apr 2019 13:02
Operator : JU/SJ
Sample : K2423-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

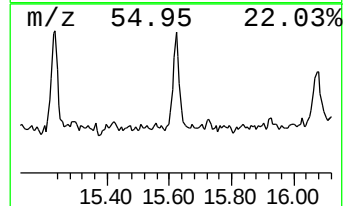
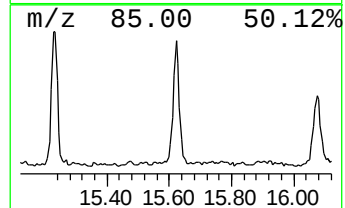
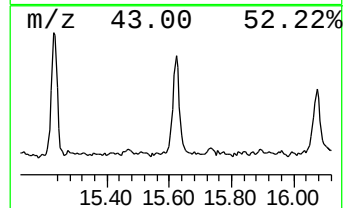
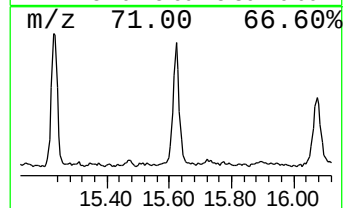
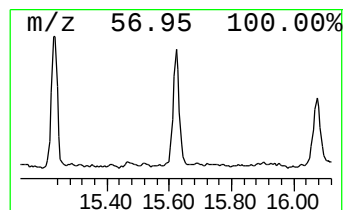
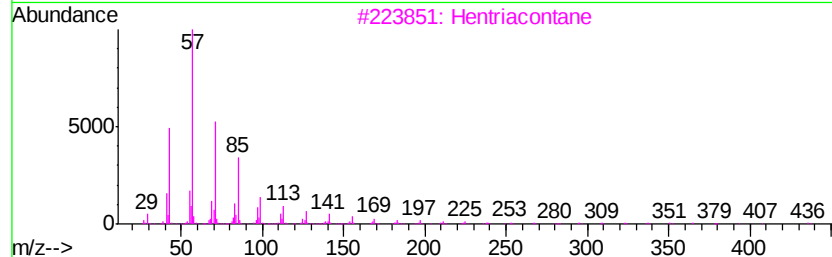
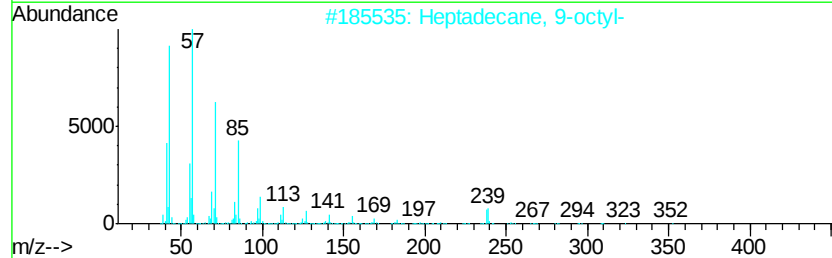
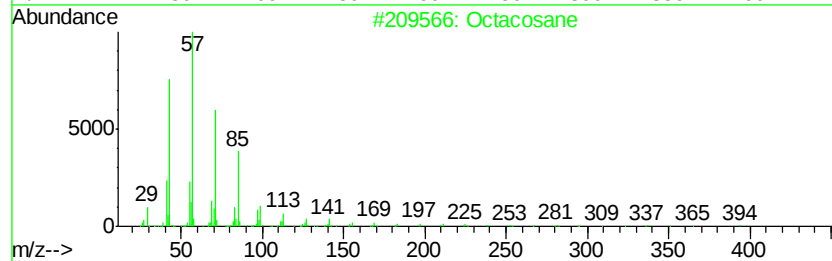
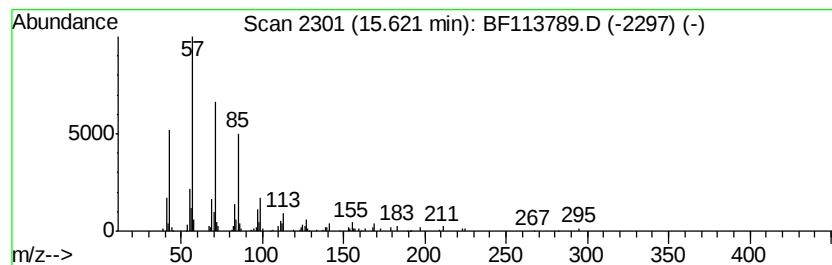
Instrument :
BNA_F
ClientSampleId :
TP4-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.62	3.11 ng	169782	Perylene-d12		15.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113789.D
Acq On : 16 Apr 2019 13:02
Operator : JU/SJ
Sample : K2423-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP4-B

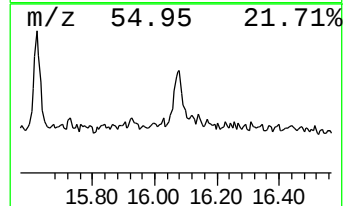
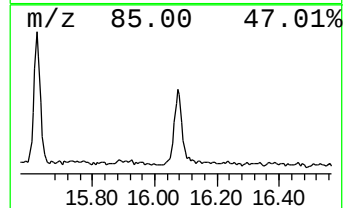
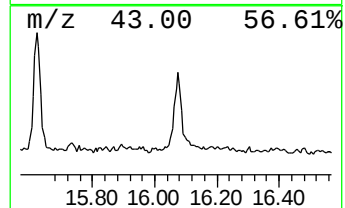
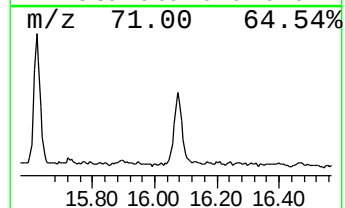
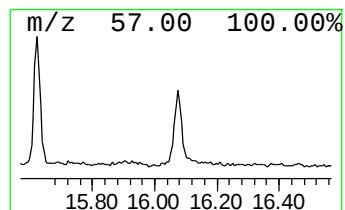
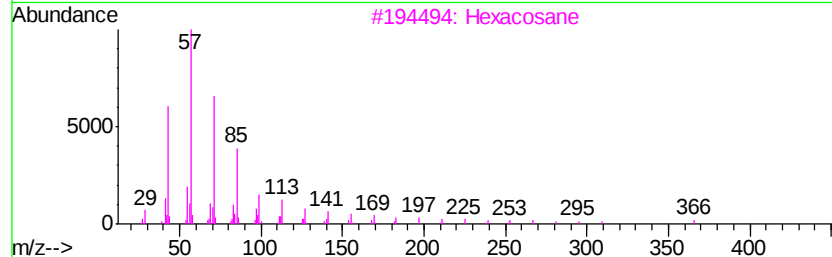
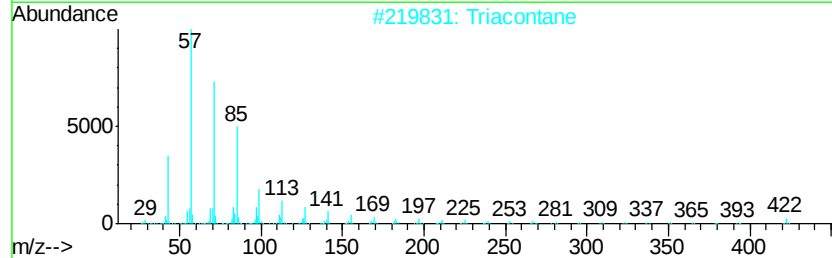
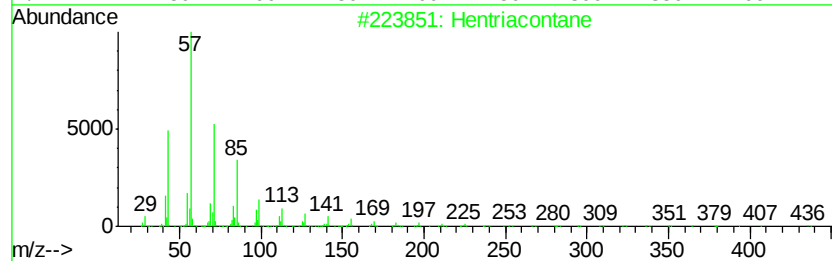
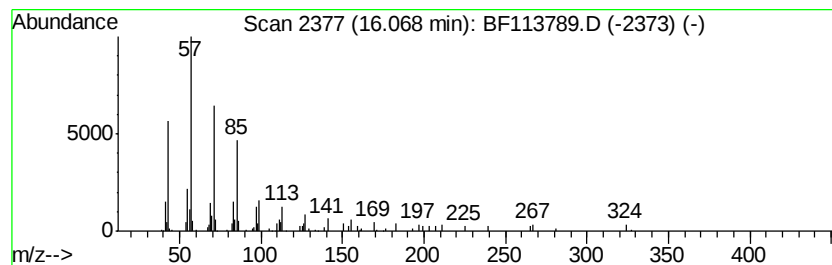
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	2.70 ng	147071	Perylene-d12	15.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113789.D
 Acq On : 16 Apr 2019 13:02
 Operator : JU/SJ
 Sample : K2423-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.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
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n-Hexadecanoic acid	11.73	3.3	ng	122503	4	11.19	741018	20.0
Octadecanoic acid	12.51	3.9	ng	157595	5	13.83	801644	20.0
Heneicosane	13.98	2.3	ng	92412	5	13.83	801644	20.0
Triacontane	14.29	2.7	ng	109148	5	13.83	801644	20.0
Heptadecane, 9-oc...	14.58	2.8	ng	151362	6	15.24	1091250	20.0
Eicosane	14.89	3.4	ng	186117	6	15.24	1091250	20.0
Octacosane	15.62	3.1	ng	169782	6	15.24	1091250	20.0
Hentriacontane	16.07	2.7	ng	147071	6	15.24	1091250	20.0