

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091819\
 Data File : BF117146.D
 Acq On : 18 Sep 2019 14:32
 Operator : HP/JU
 Sample : K4524-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-013-IDWSO-20190823

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-BF091319.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	6.498	746	750	756	rBV3	8292	19068	2.10%	0.301%
2	6.822	802	805	819	rBV	252389	297304	32.73%	4.698%
3	8.104	1019	1023	1045	rBV	309354	458711	50.49%	7.248%
4	9.257	1216	1219	1223	rBV	11366	12145	1.34%	0.192%
5	9.569	1268	1272	1281	rBV	127050	170386	18.76%	2.692%
6	9.851	1316	1320	1335	rVV	520680	539011	59.33%	8.517%
7	11.333	1568	1572	1592	rBV	424630	525416	57.84%	8.302%
8	11.857	1658	1661	1669	rBV3	32747	52459	5.77%	0.829%
9	12.339	1728	1743	1746	rBV2	21020	59187	6.52%	0.935%
10	13.139	1873	1879	1882	rBV	10551	13441	1.48%	0.212%
11	13.474	1932	1936	1946	rBV2	22805	26087	2.87%	0.412%
12	13.804	1981	1992	2011	rBV6	111712	389903	42.92%	6.161%
13	13.968	2016	2020	2030	rVB	341233	421940	46.45%	6.667%
14	14.115	2041	2045	2050	rBV	150709	151096	16.63%	2.387%
15	14.421	2093	2097	2103	rBV	340820	333912	36.76%	5.276%
16	14.592	2118	2126	2133	rBV6	16728	44391	4.89%	0.701%
17	14.721	2143	2148	2157	rBV	552626	557566	61.37%	8.810%
18	14.798	2158	2161	2165	rVB2	13937	14008	1.54%	0.221%
19	15.051	2198	2204	2213	rBV	553070	623492	68.63%	9.852%
20	15.415	2260	2266	2280	rBV	631477	908465	100.00%	14.354%
21	15.674	2305	2310	2313	rBV4	10199	11902	1.31%	0.188%
22	15.833	2331	2337	2345	rBV	251515	395489	43.53%	6.249%
23	16.321	2413	2420	2429	rBV	112220	201981	22.23%	3.191%
24	16.892	2510	2517	2526	rBV3	32836	70889	7.80%	1.120%
25	17.562	2623	2631	2639	rBV7	12086	30533	3.36%	0.482%

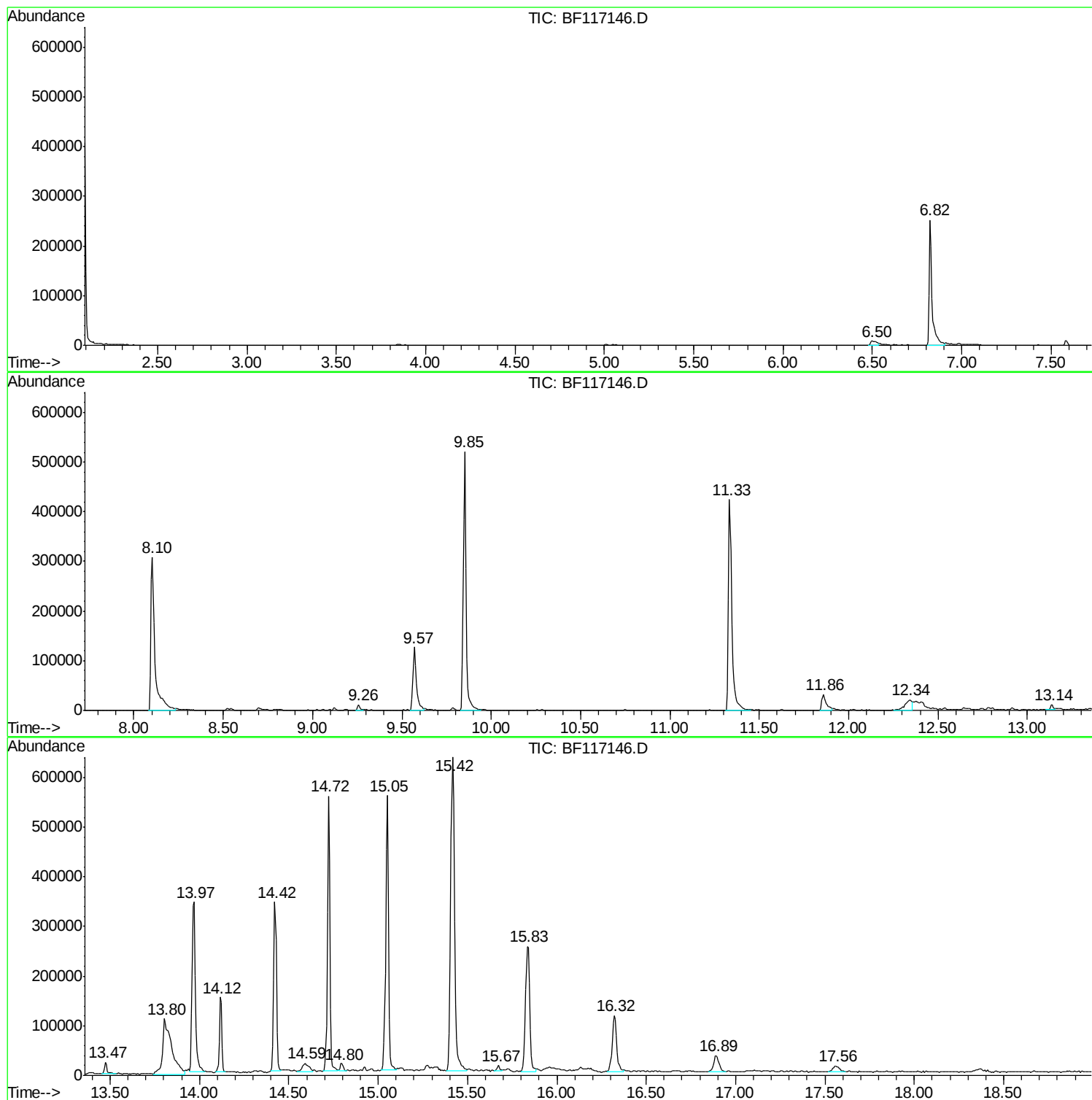
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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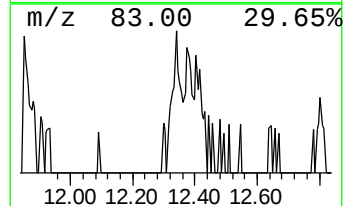
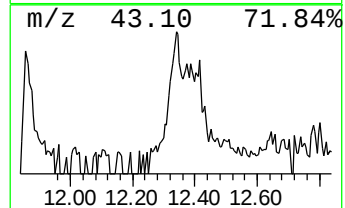
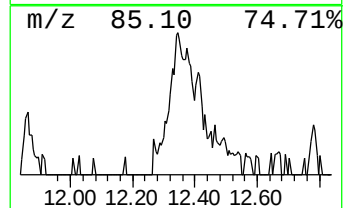
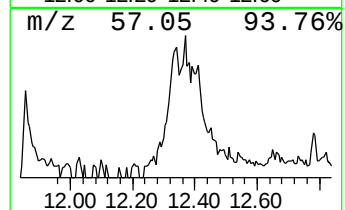
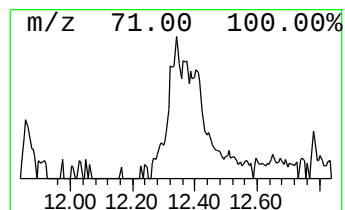
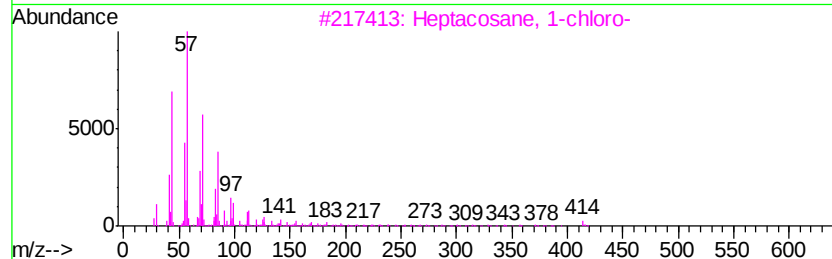
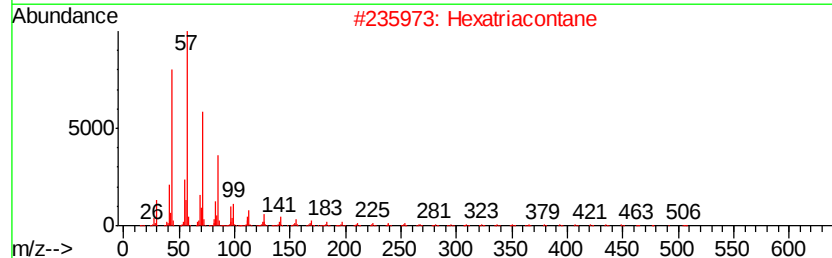
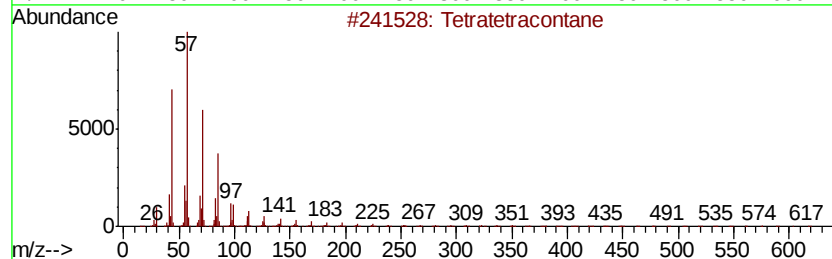
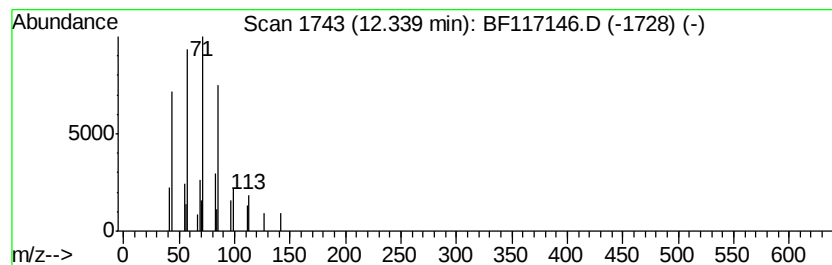
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.34	2.25 ng	59187	Phenanthrene-d10		11.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	83
2		Hexatriacontane	507	C36H74	000630-06-8	83
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	78
4		Octacosane	394	C28H58	000630-02-4	78
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72



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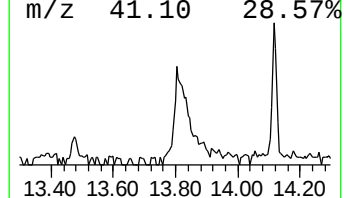
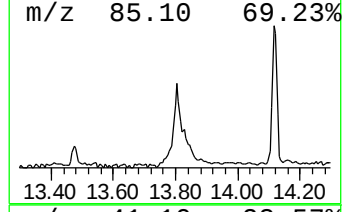
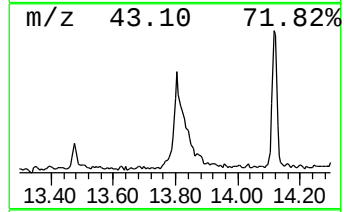
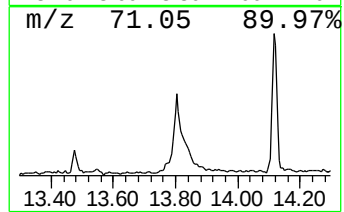
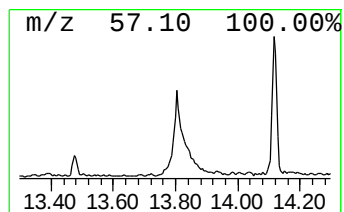
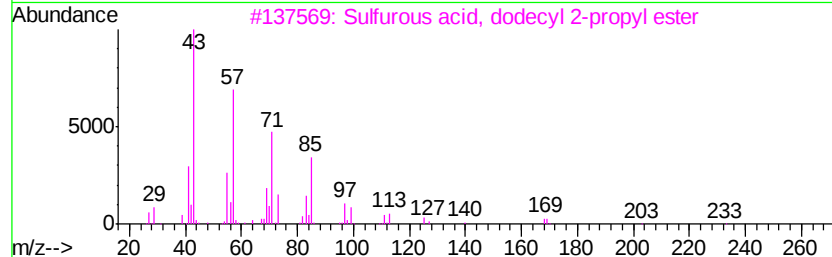
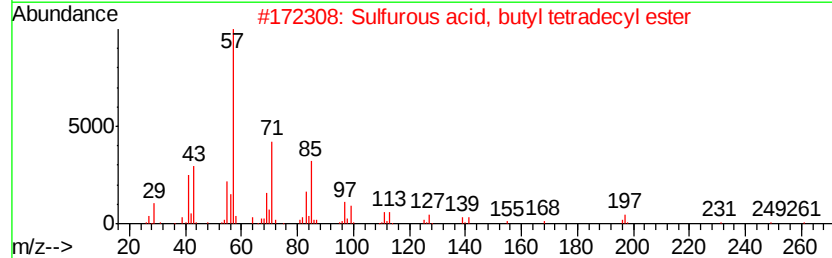
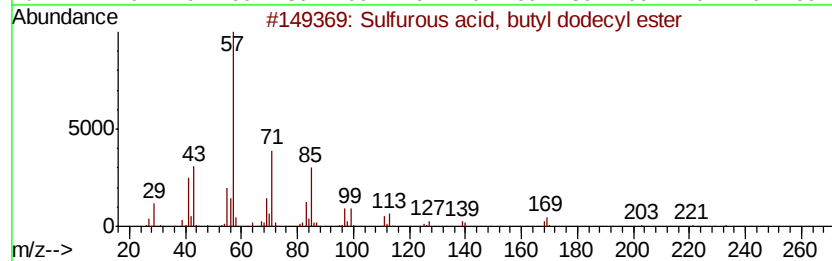
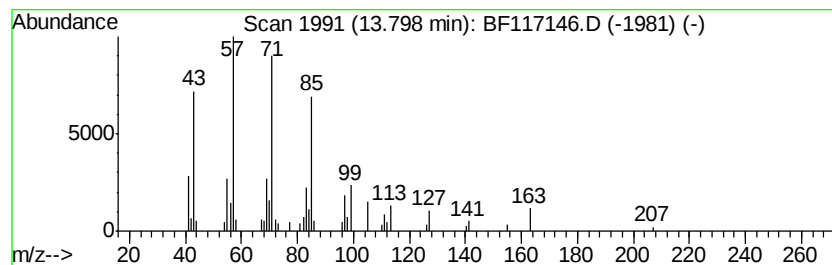
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Sulfurous acid, butyl dodec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	18.48 ng	389903	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
2		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
3		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
4		Sulfurous acid, 2-propyl tridecyl...	306	C16H34O3S	1000309-12-4	86
5		Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	86



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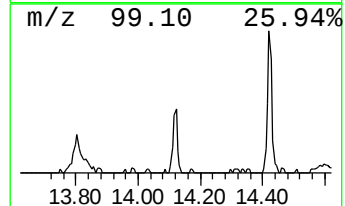
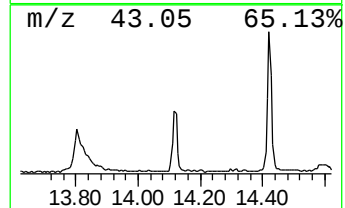
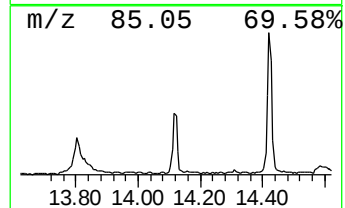
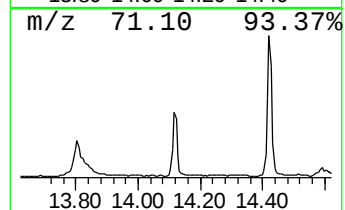
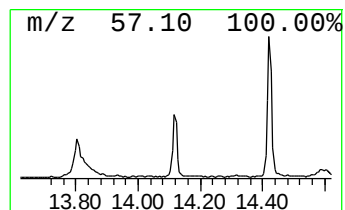
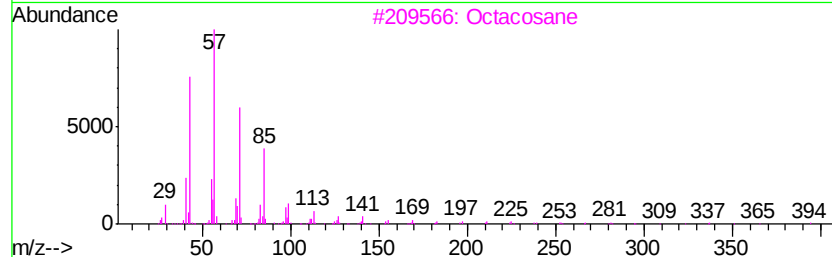
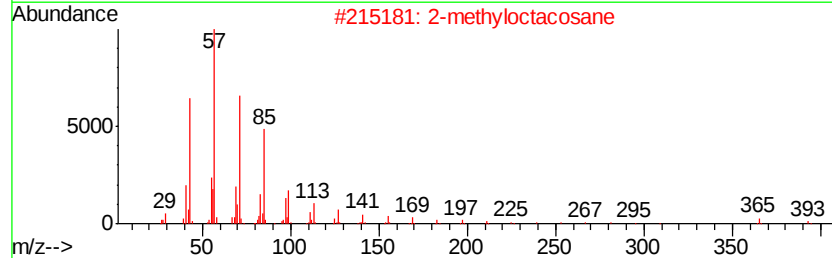
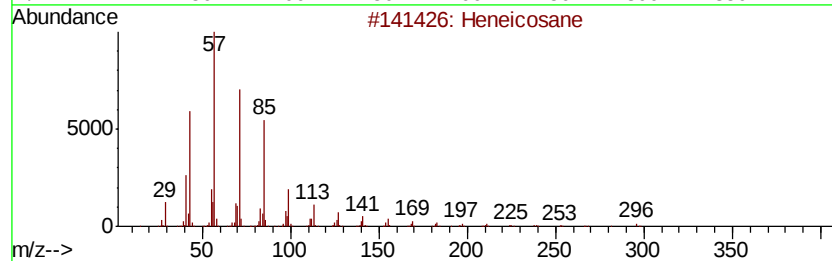
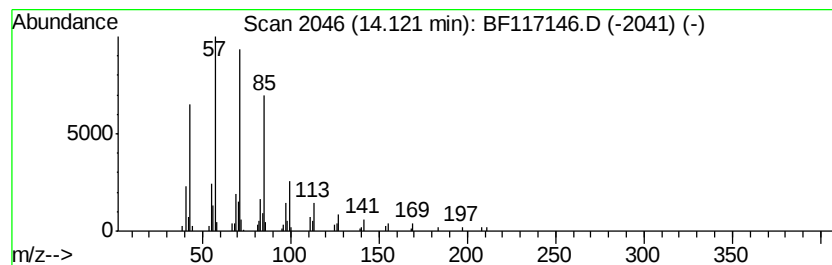
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	7.16 ng	151096	Chrysene-d12	13.97

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	Octacosane		394	C28H58	000630-02-4	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Hexadecane		226	C16H34	000544-76-3	86



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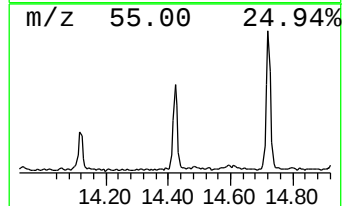
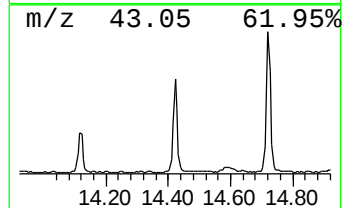
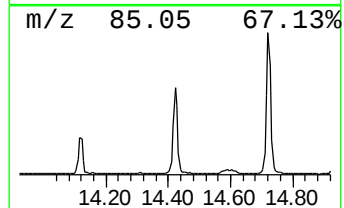
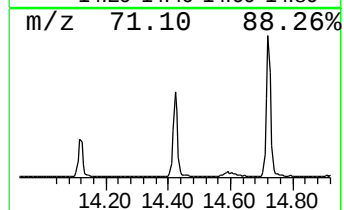
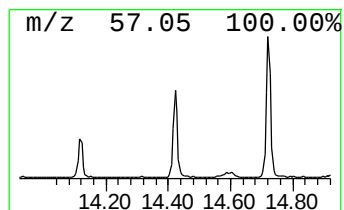
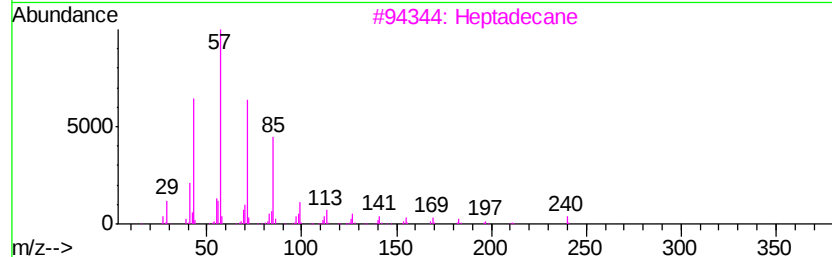
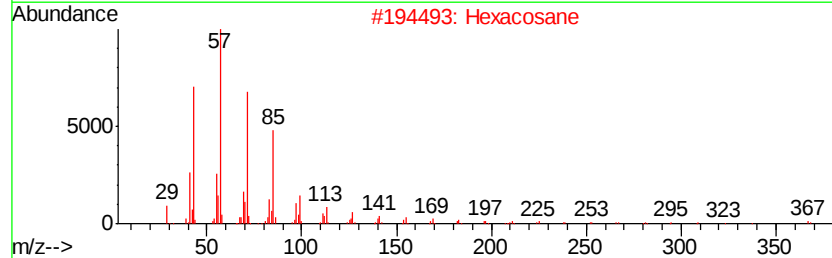
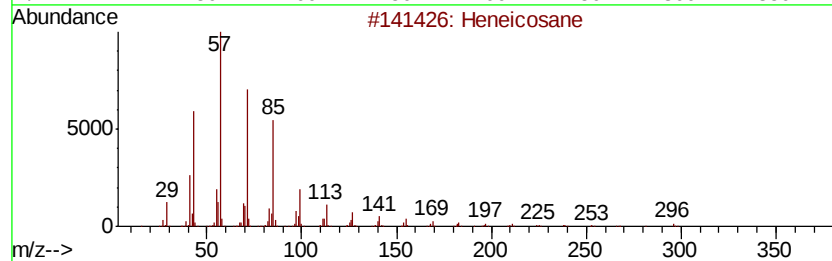
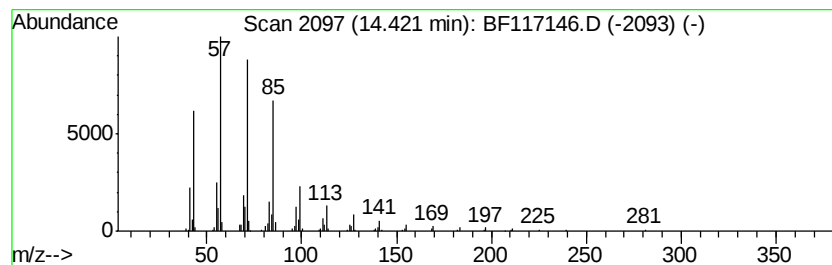
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	15.83 ng	333912	Chrysene-d12	13.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexacosane	366	C26H54	000630-01-3	86
3		Heptadecane	240	C17H36	000629-78-7	86
4		Hexadecane	226	C16H34	000544-76-3	80
5		Octadecane	254	C18H38	000593-45-3	80



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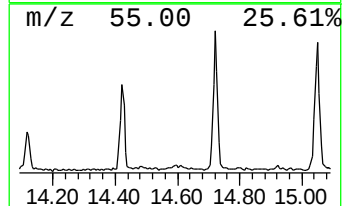
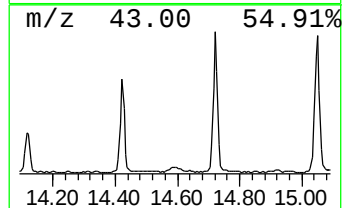
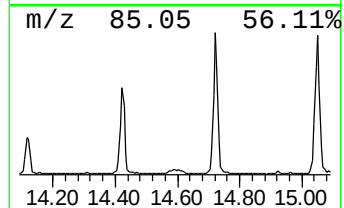
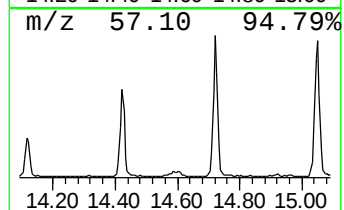
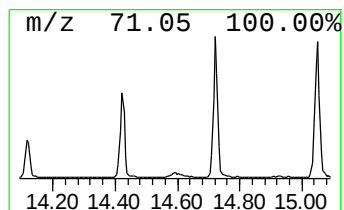
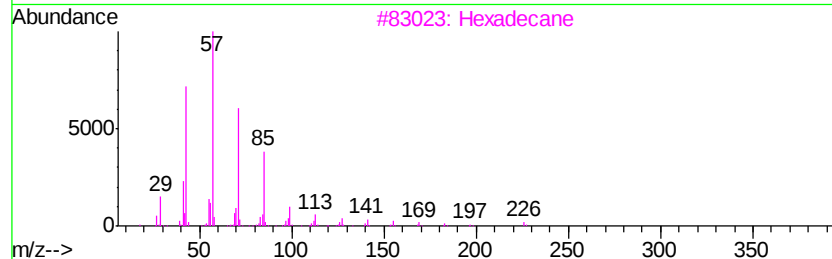
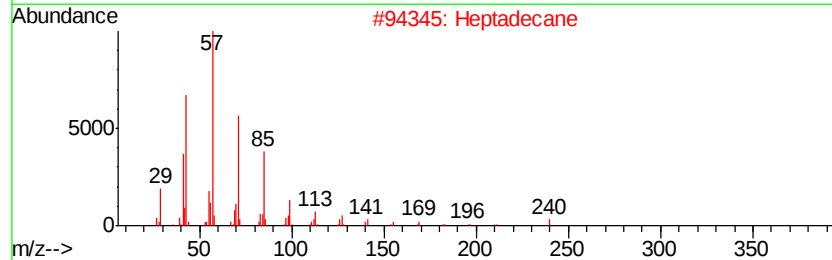
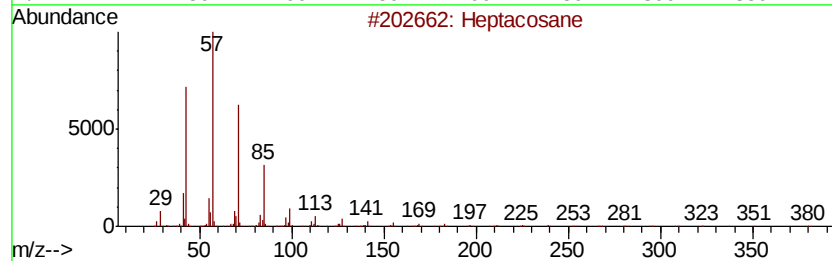
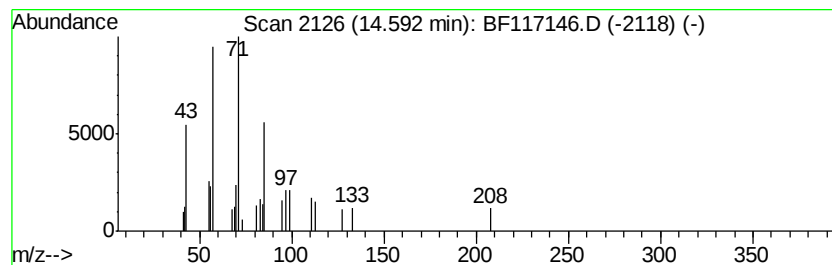
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	2.10 ng	44391	Chrysene-d12	13.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	64
2	Heptadecane		240	C17H36	000629-78-7	59
3	Hexadecane		226	C16H34	000544-76-3	53
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	53
5	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	53



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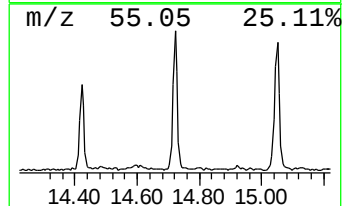
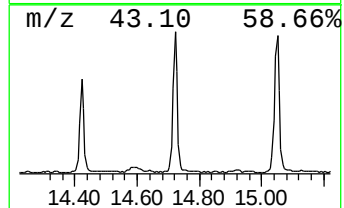
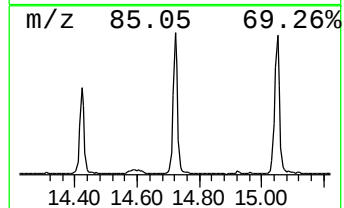
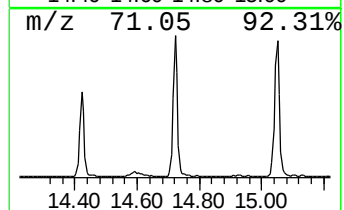
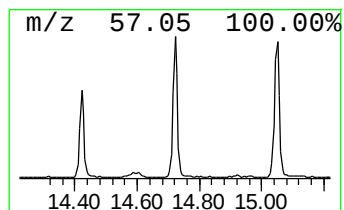
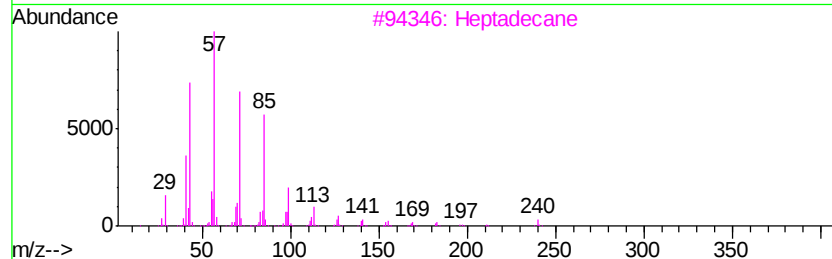
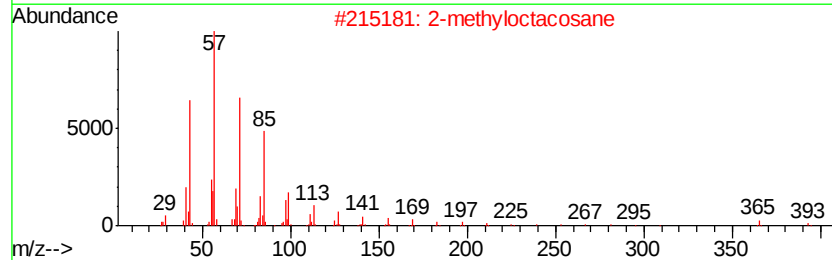
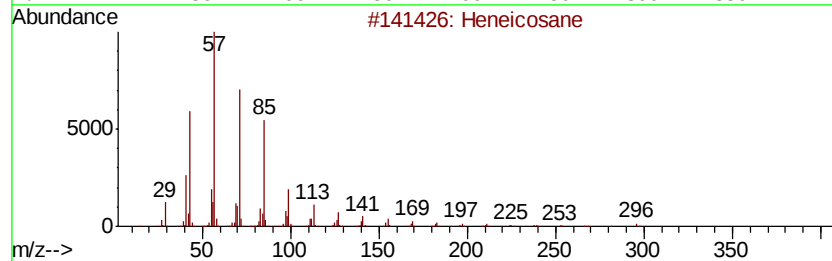
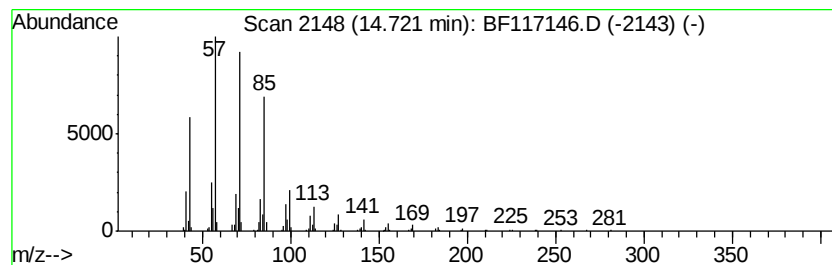
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	12.27 ng	557566	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Octacosane	394	C28H58	000630-02-4	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117146.D
 Acq On : 18 Sep 2019 14:32
 Operator : HP/JU
 Sample : K4524-03
 Misc :
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Instrument :
 BNA_F
 ClientSampleId :
 TT-013-IDWSO-20190823

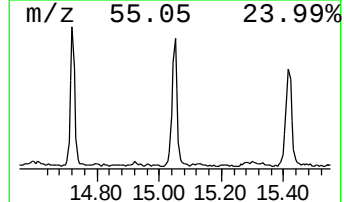
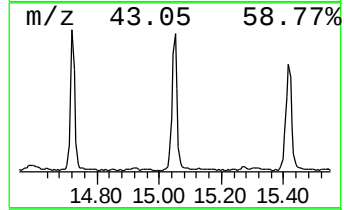
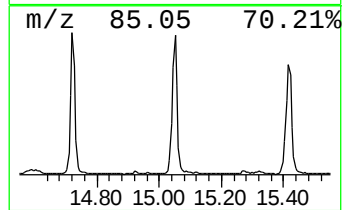
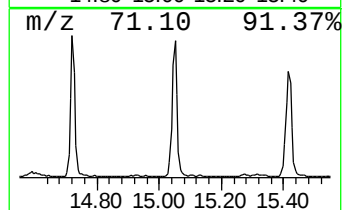
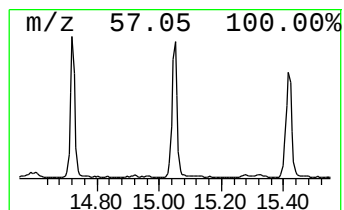
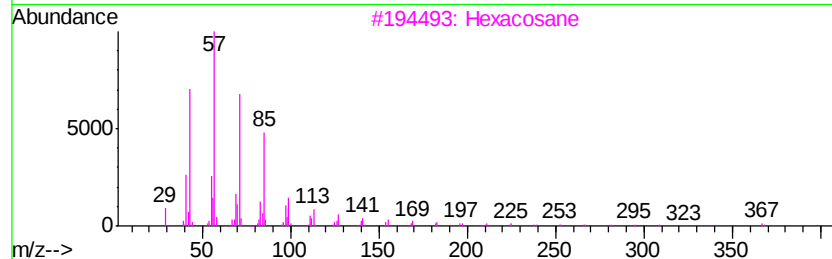
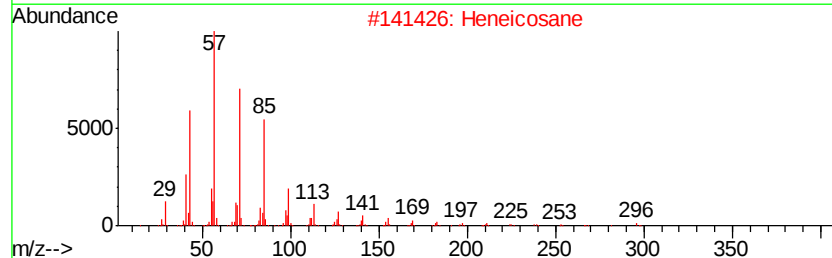
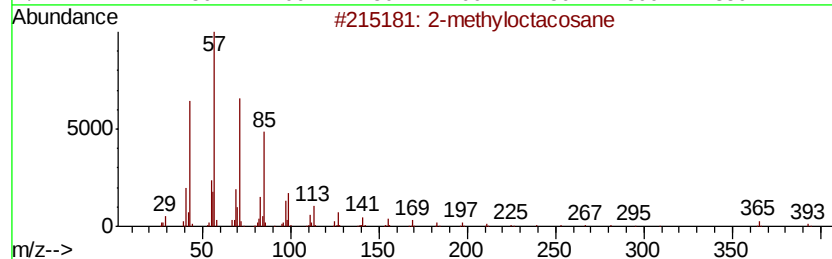
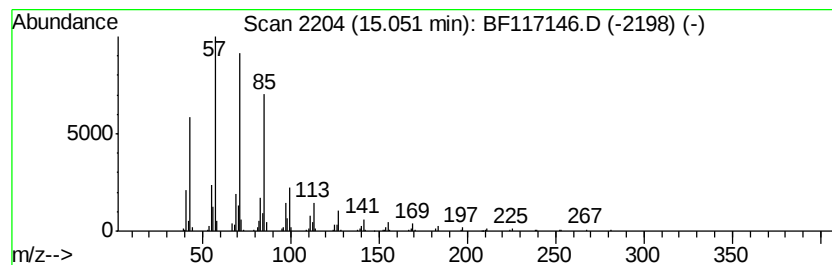
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Eicosane, 7-hexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	13.73 ng	623492	Perylene-d12	15.42

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		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117146.D
Acq On : 18 Sep 2019 14:32
Operator : HP/JU
Sample : K4524-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TT-013-IDWSO-20190823

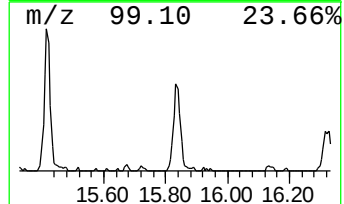
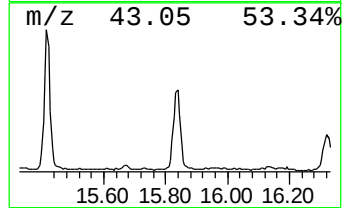
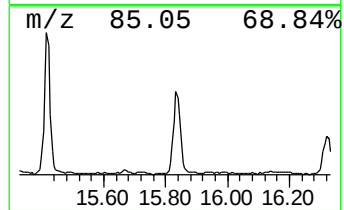
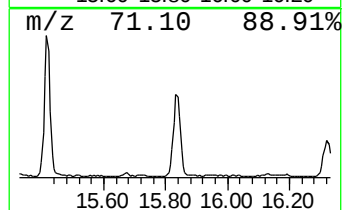
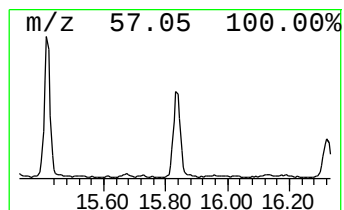
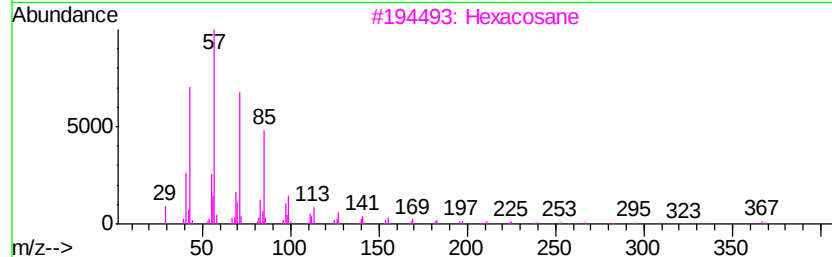
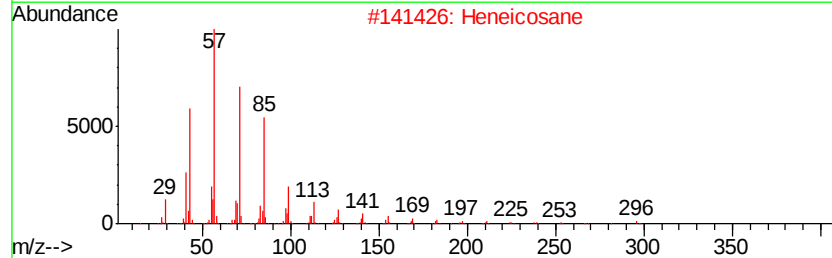
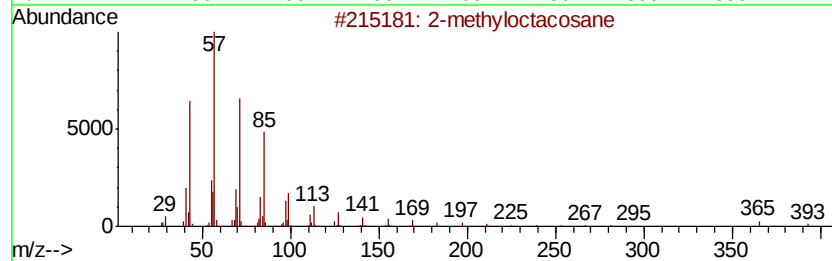
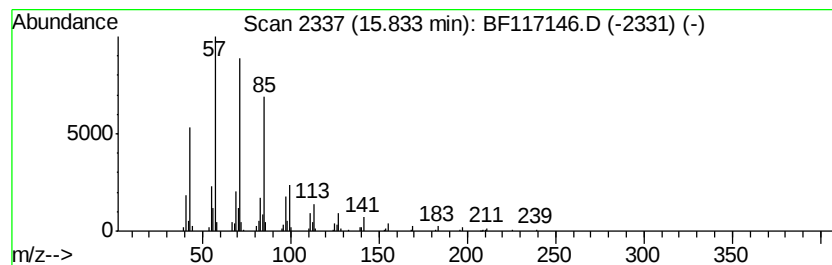
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	8.71 ng	395489	Perylene-d12	15.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heptadecane	240	C17H36	000629-78-7	86
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117146.D
Acq On : 18 Sep 2019 14:32
Operator : HP/JU
Sample : K4524-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

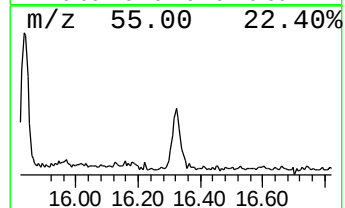
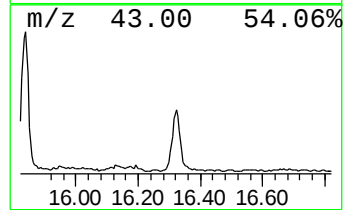
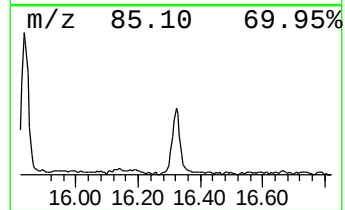
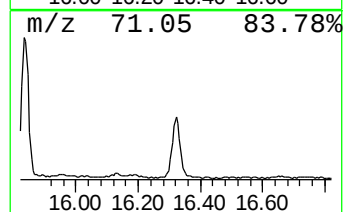
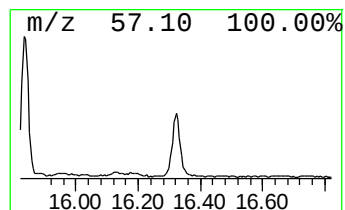
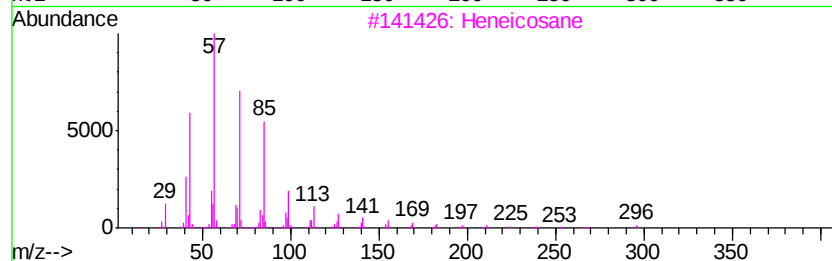
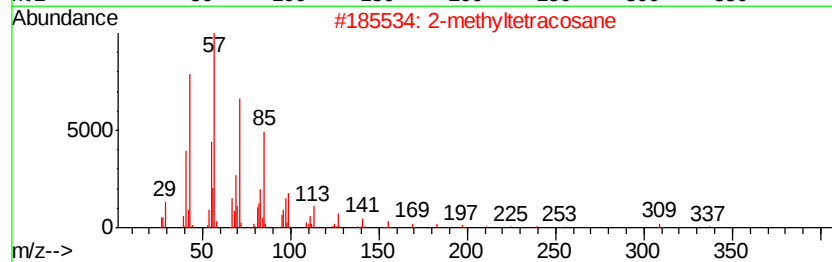
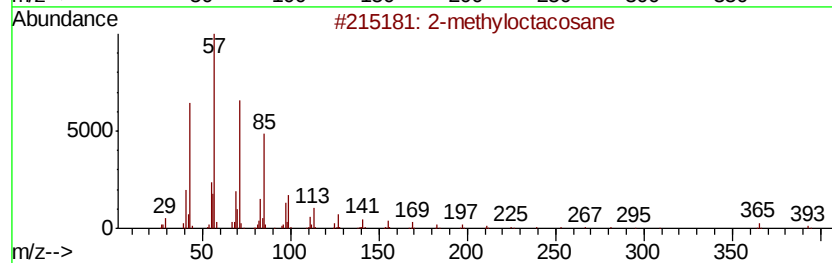
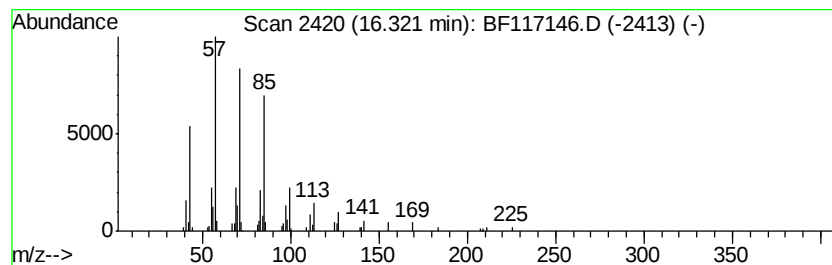
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Bromotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	4.45 ng	201981	Perylene-d12	15.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-methyloctacosane	408 C29H60	1000376-72-8	91
2	2-methyltetracosane	352 C25H52	1000376-72-6	90
3	Heneicosane	296 C21H44	000629-94-7	87
4	2-Bromotetradecane	276 C14H29Br	074036-95-6	86
5	Hexacosane	366 C26H54	000630-01-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091819\
Data File : BF117146.D
Acq On : 18 Sep 2019 14:32
Operator : HP/JU
Sample : K4524-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
Tetratetracontane	12.34	2.3	ng	59187	4	11.33	525416	20.0
Sulfurous acid, b...	13.80	18.5	ng	389903	5	13.97	421940	20.0
Heneicosane	14.12	7.2	ng	151096	5	13.97	421940	20.0
Hexacosane	14.42	15.8	ng	333912	5	13.97	421940	20.0
Heptacosane	14.59	2.1	ng	44391	5	13.97	421940	20.0
2-methyloctacosane	14.72	12.3	ng	557566	6	15.42	908465	20.0
Eicosane, 7-hexyl-	15.05	13.7	ng	623492	6	15.42	908465	20.0
Hentriacontane	15.83	8.7	ng	395489	6	15.42	908465	20.0
2-Bromotetradecane	16.32	4.5	ng	201981	6	15.42	908465	20.0