

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019044.D
 Acq On : 05 Mar 2019 19:41
 Operator : JU/SJ
 Sample : K1705-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B104-022719

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_M\METHODS\8270-BM021119.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	5.275	365	372	386	rBV	2982114	4323467	91.37%	8.501%
2	6.851	633	640	655	rBV	2713250	4503325	95.17%	8.855%
3	7.210	694	701	716	rBV	3032465	4731784	100.00%	9.304%
4	7.675	774	780	789	rBV	794655	1231211	26.02%	2.421%
5	7.993	827	834	844	rBV	2154821	3437540	72.65%	6.759%
6	8.845	970	979	998	rBV	1500984	2635220	55.69%	5.182%
7	10.463	1246	1254	1271	rBV	880228	1543273	32.62%	3.035%
8	12.939	1667	1675	1692	rBV	3098166	4585017	96.90%	9.015%
9	13.798	1814	1821	1834	rBV	131491	230093	4.86%	0.452%
10	14.327	1905	1911	1920	rBV2	1130603	1737208	36.71%	3.416%
11	15.827	2159	2166	2185	rBV	2137467	3377317	71.38%	6.641%
12	17.080	2373	2379	2384	rBV	1245757	1806285	38.17%	3.552%
13	17.121	2384	2386	2398	rVV	157541	244211	5.16%	0.480%
14	17.968	2524	2530	2534	rBV2	197093	299879	6.34%	0.590%
15	18.004	2534	2536	2541	rVB	38610	56105	1.19%	0.110%
16	18.151	2556	2561	2565	rBV5	26384	51016	1.08%	0.100%
17	19.145	2726	2730	2736	rVB	206217	287238	6.07%	0.565%
18	19.256	2744	2749	2758	rBV4	74293	131704	2.78%	0.259%
19	19.480	2783	2787	2789	rBV2	55428	70616	1.49%	0.139%
20	19.509	2789	2792	2801	rVB	188453	262407	5.55%	0.516%
21	19.715	2821	2827	2842	rVB	3798140	4705823	99.45%	9.253%
22	20.456	2949	2953	2959	rBV	102823	164091	3.47%	0.323%
23	20.515	2960	2963	2967	rVB2	52359	60072	1.27%	0.118%
24	20.980	3037	3042	3051	rBV2	359328	535065	11.31%	1.052%
25	21.180	3073	3076	3081	rVB	122526	137189	2.90%	0.270%
26	21.280	3086	3093	3097	rBV	1689760	2387746	50.46%	4.695%
27	21.415	3112	3116	3122	rBV	380115	421478	8.91%	0.829%
28	21.845	3185	3189	3193	rBV	547175	697129	14.73%	1.371%
29	22.309	3263	3268	3273	rBV	660594	882765	18.66%	1.736%
30	22.809	3349	3353	3358	rBV	671000	967511	20.45%	1.902%
31	23.374	3445	3449	3455	rBV	498160	758940	16.04%	1.492%
32	23.521	3468	3474	3489	rVB2	1222632	2469150	52.18%	4.855%
33	24.021	3554	3559	3567	rVB	399339	756035	15.98%	1.487%
34	24.768	3682	3686	3694	rVB2	183557	369276	7.80%	0.726%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
PST-028-B104-022719

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

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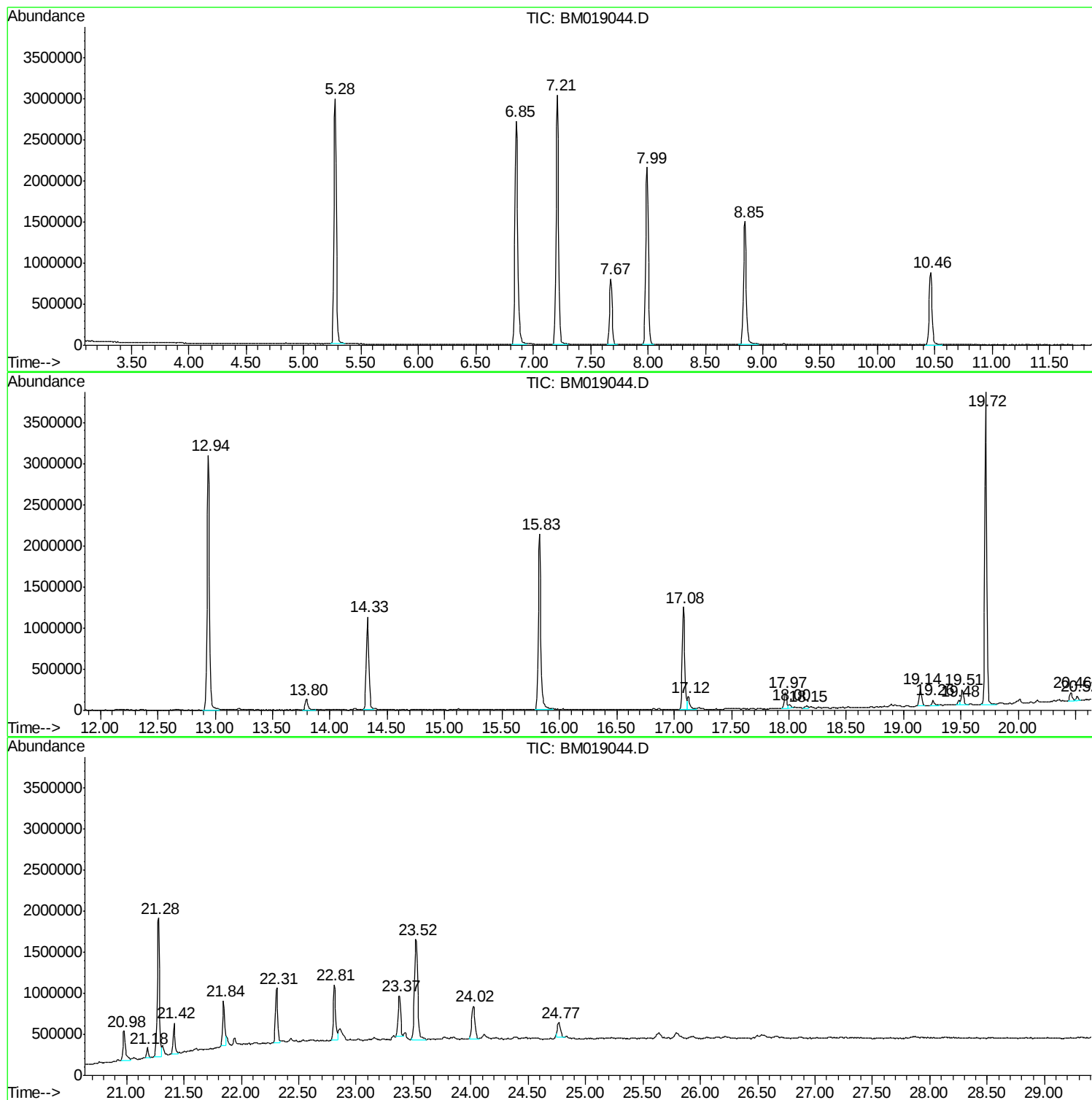
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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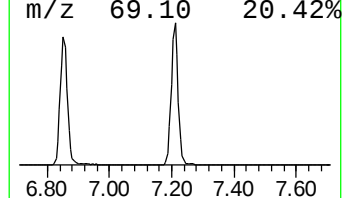
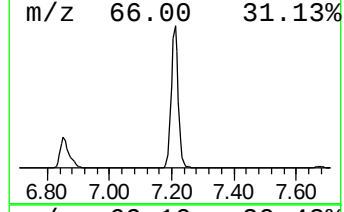
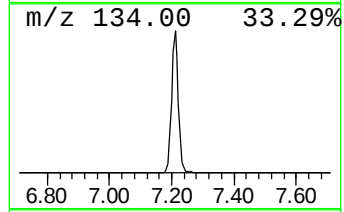
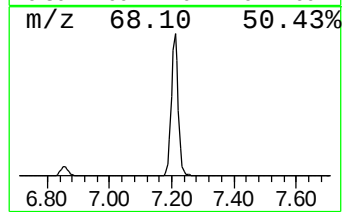
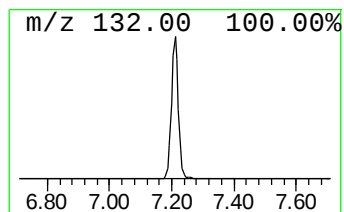
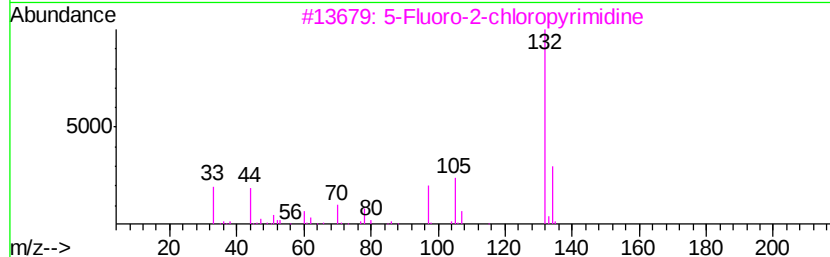
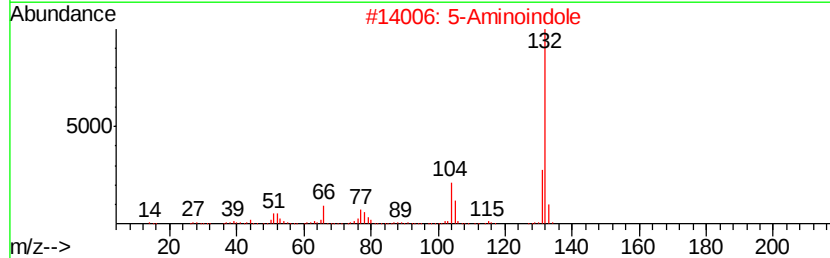
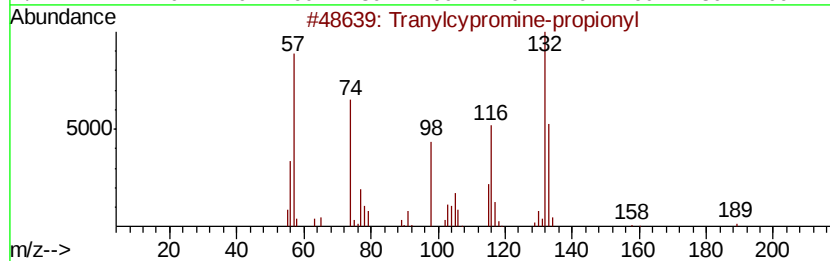
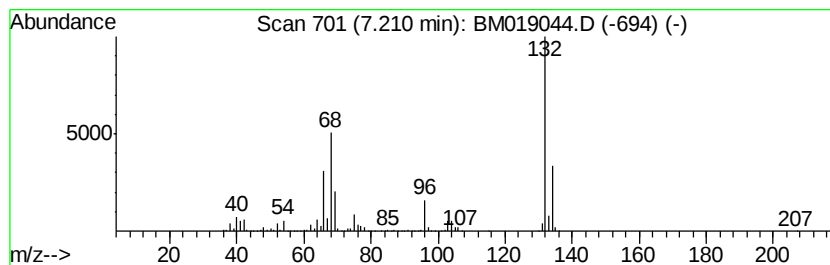
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	76.86 ng	4731780	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tranvlcyppromine-propionyl	189	C12H15NO	1000123-86-3	12
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4			2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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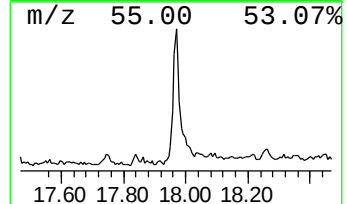
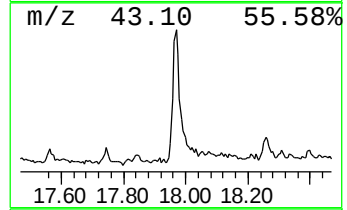
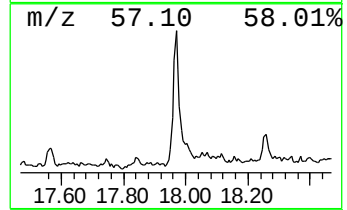
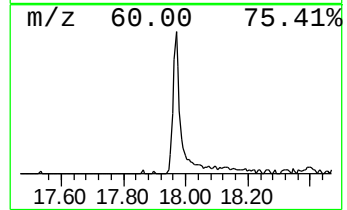
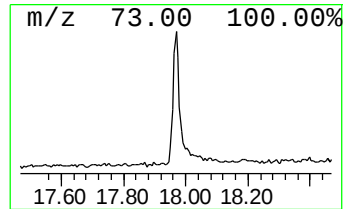
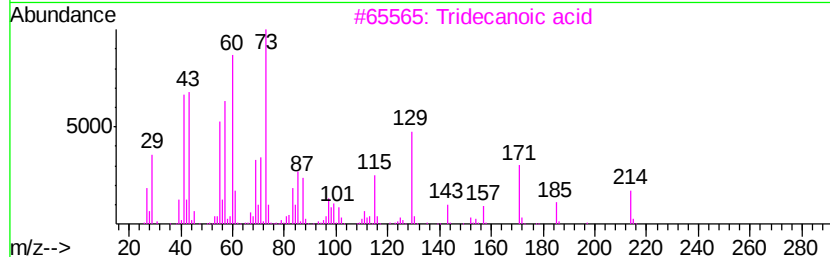
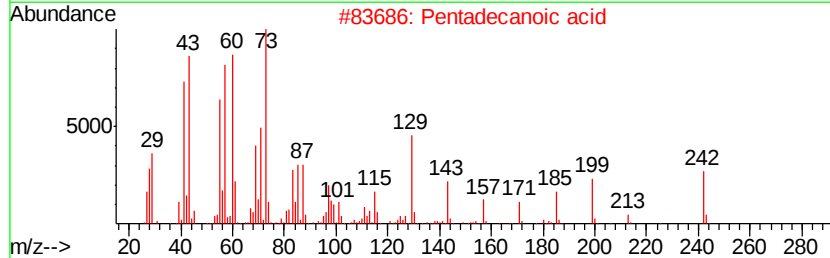
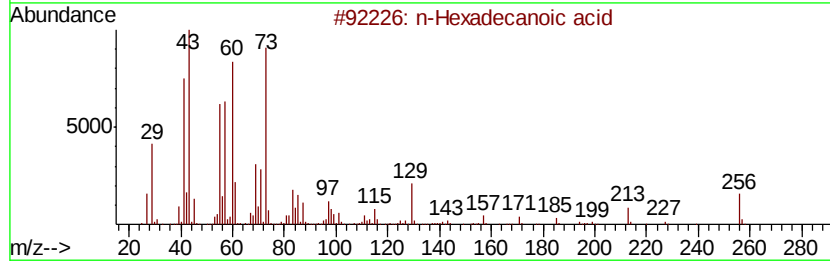
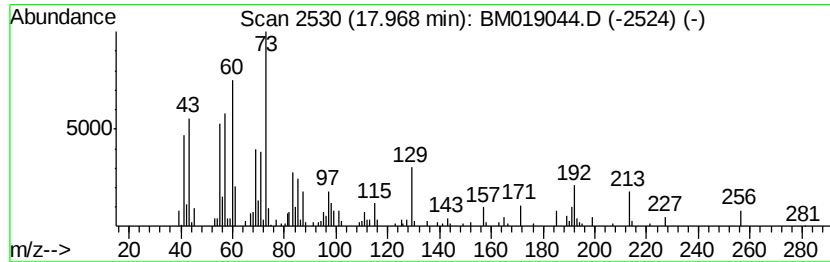
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.97	3.32 ng	299879	Phenanthrene-d10	17.08	
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	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	Tridecane	184	C13H28	000629-50-5	11



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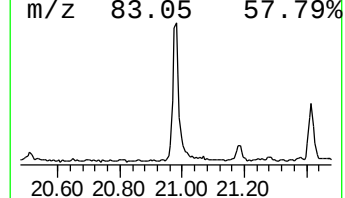
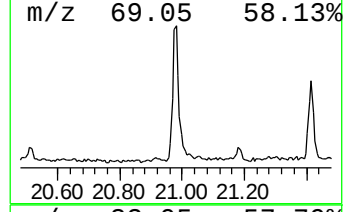
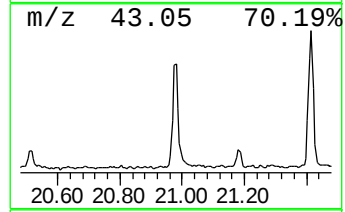
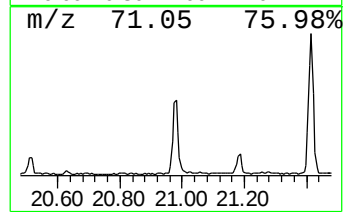
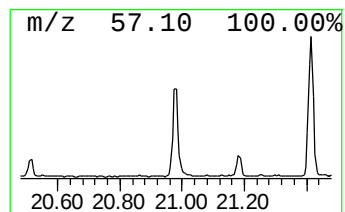
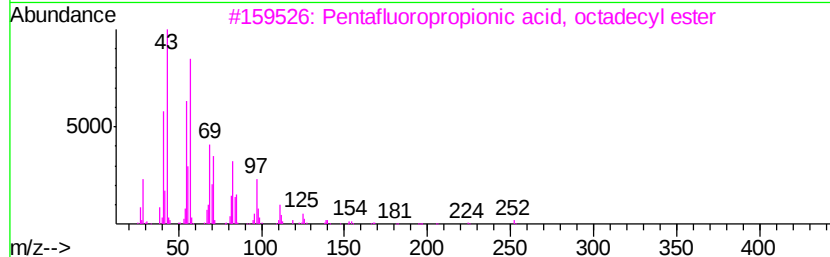
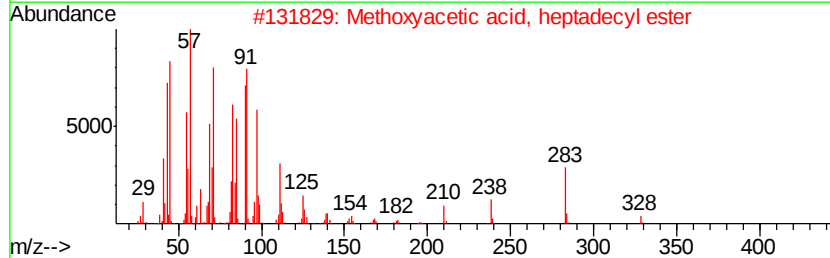
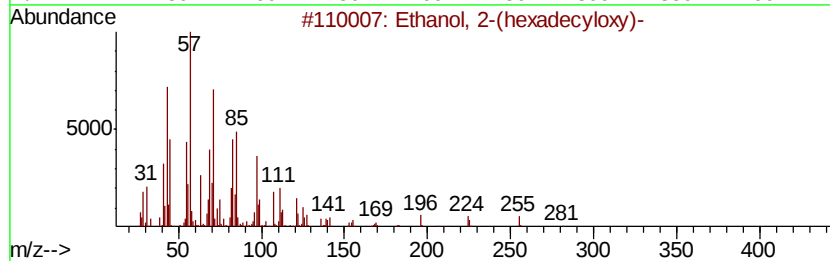
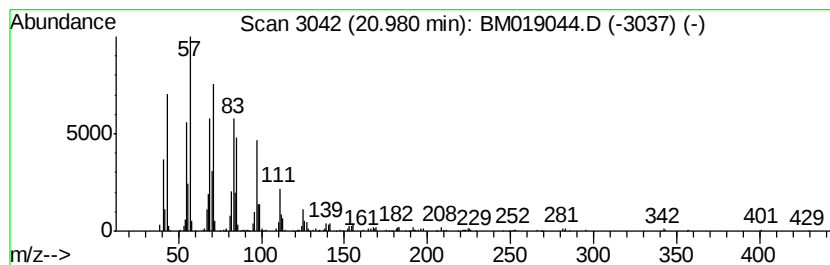
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(hexadecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.98	4.48 ng	535065	Chrysene-d12	21.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	91
2		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
3		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	76
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64



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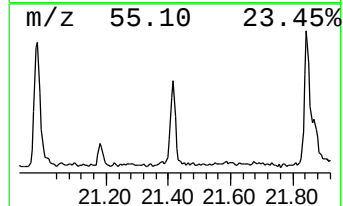
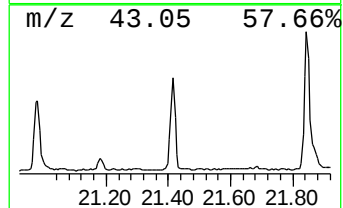
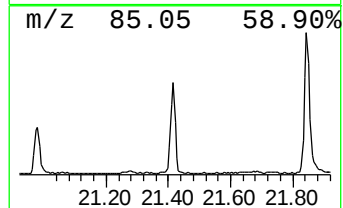
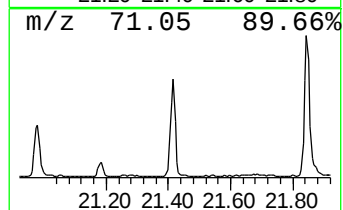
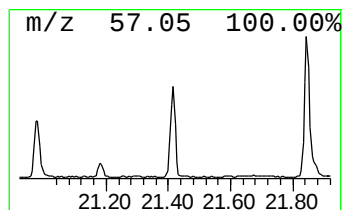
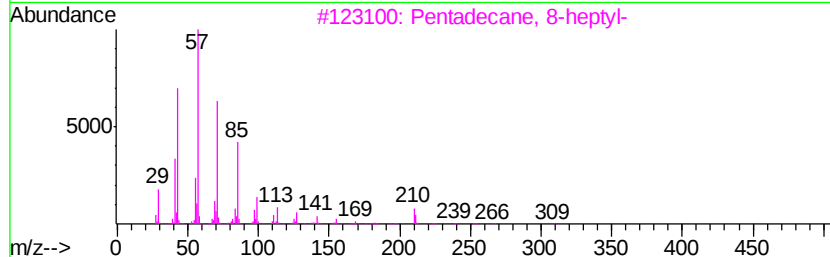
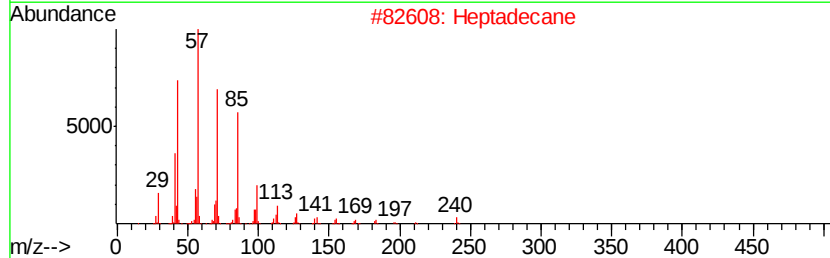
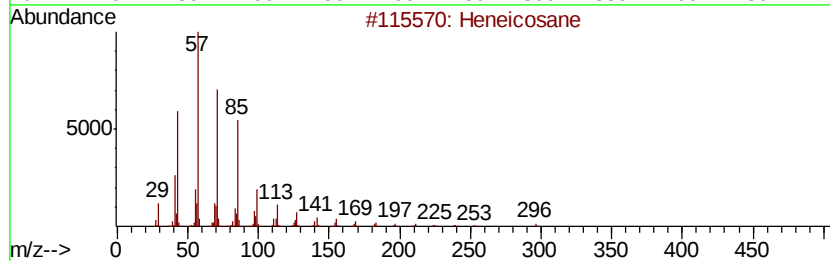
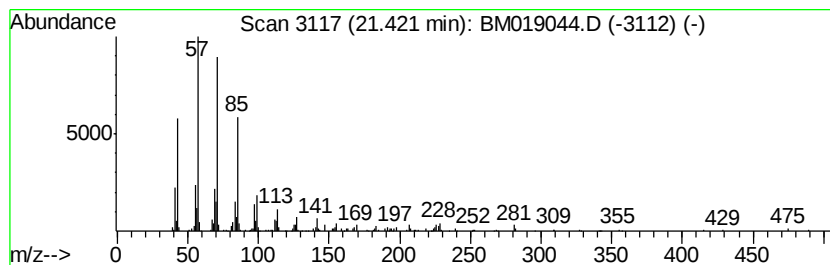
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	3.53 ng	421478	Chrysene-d12	21.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Pentadecane, 8-heptvl-		310	C22H46	071005-15-7	90
4	Octadecane		254	C18H38	000593-45-3	83
5	Heptacosane		380	C27H56	000593-49-7	81



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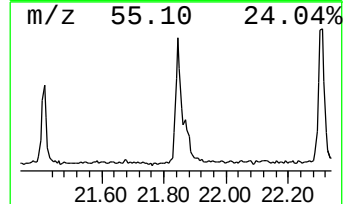
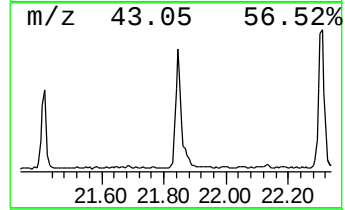
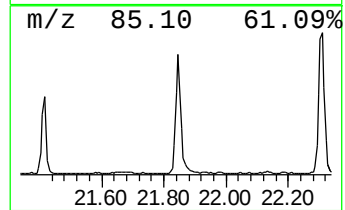
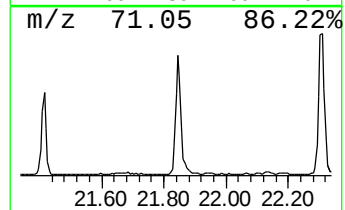
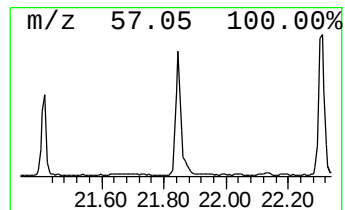
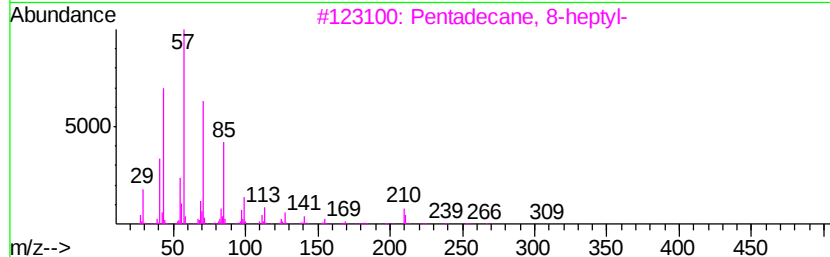
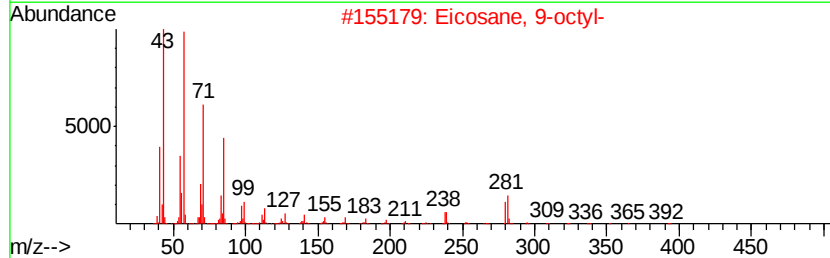
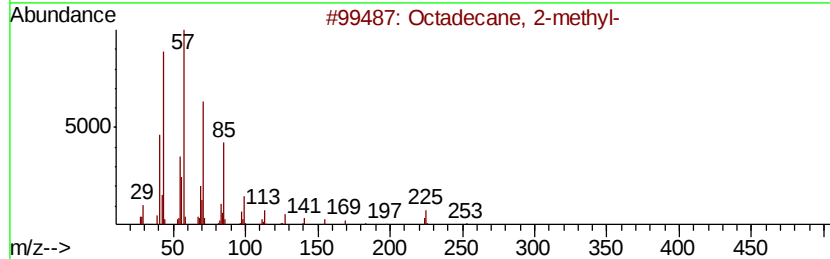
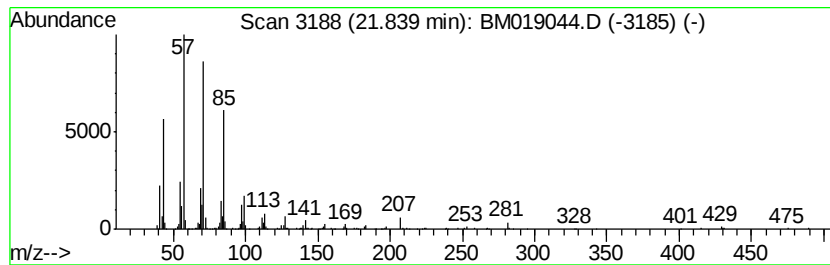
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Peak Number 6 Octadecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.84	5.84 ng	697129	Chrysene-d12	21.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019044.D
Acq On : 05 Mar 2019 19:41
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

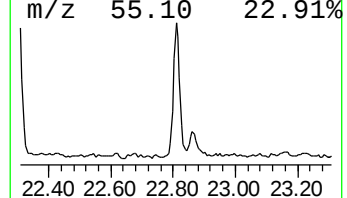
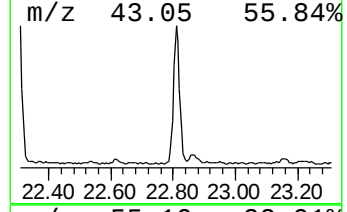
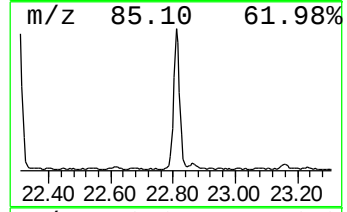
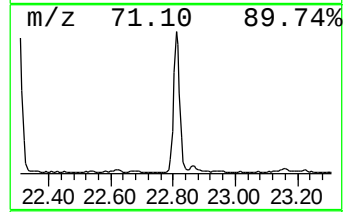
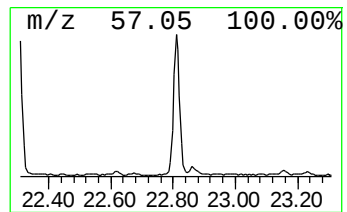
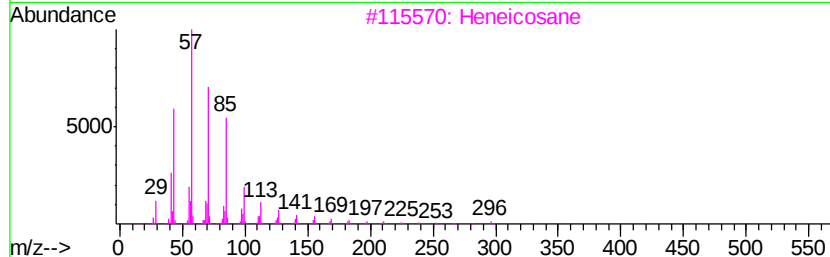
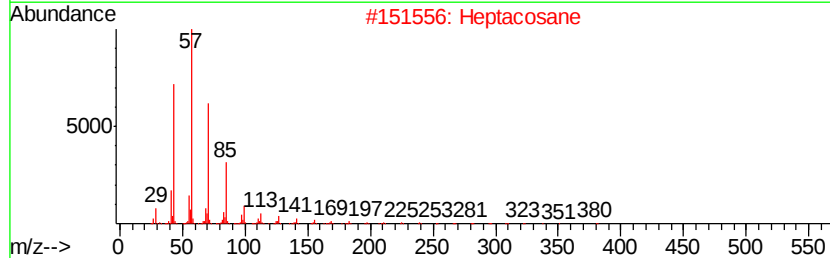
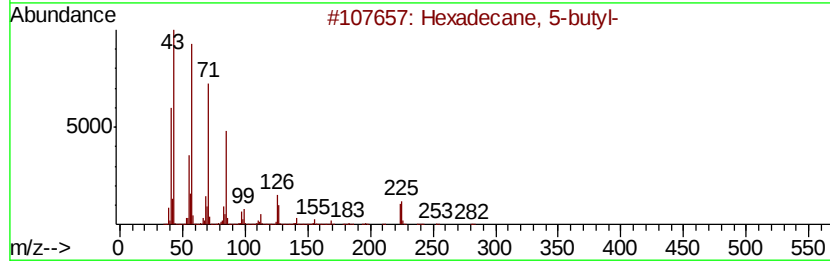
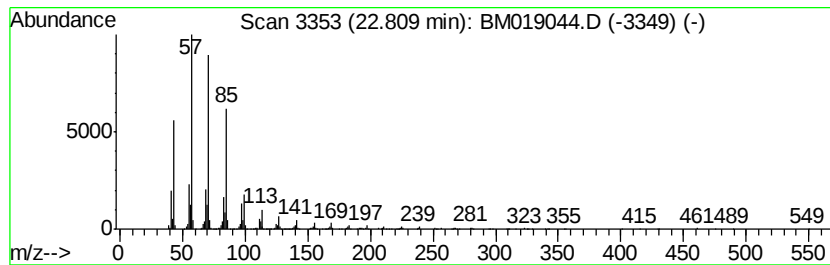
Instrument :
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ClientSampleId :
PST-028-B104-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane, 5-butyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
22.81	7.84 ng	967511	Perylene-d12		23.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019044.D
Acq On : 05 Mar 2019 19:41
Operator : JU/SJ
Sample : K1705-19
Misc :
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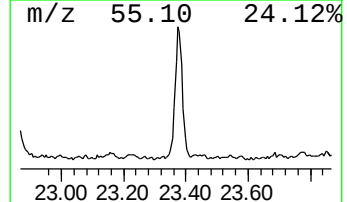
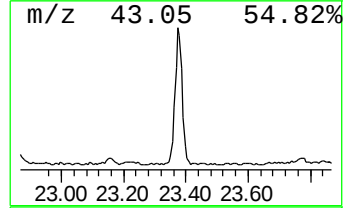
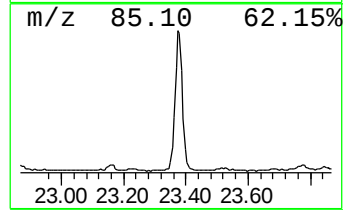
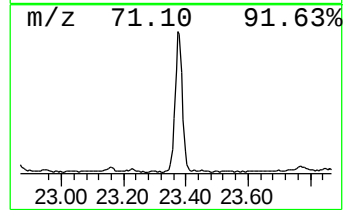
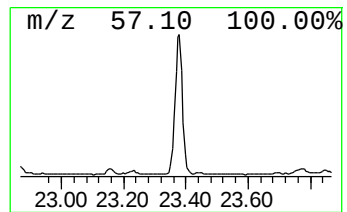
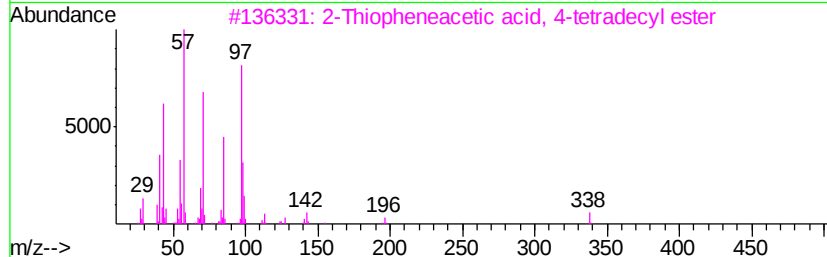
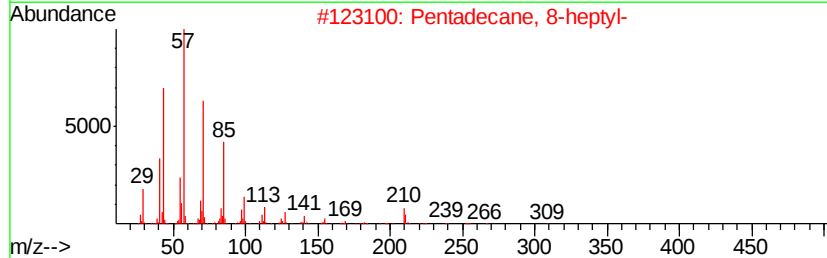
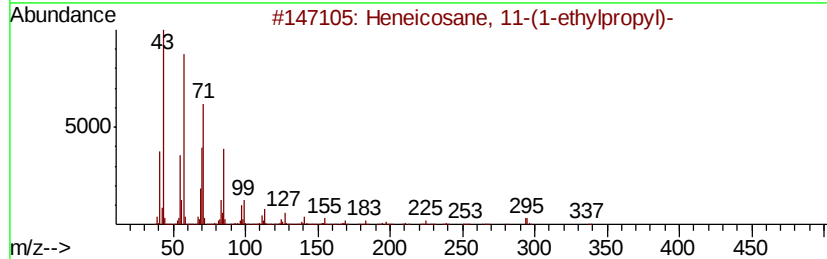
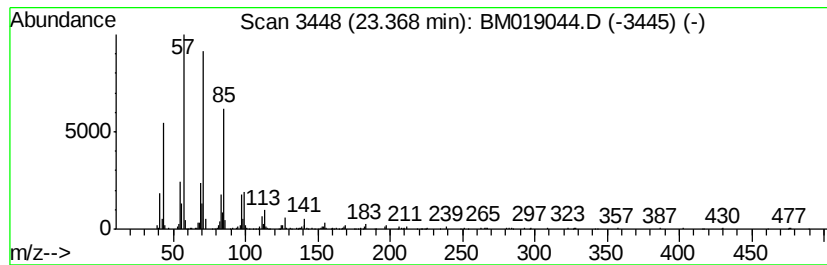
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.37	6.15 ng	758940	Perylene-d12	23.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019044.D
Acq On : 05 Mar 2019 19:41
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

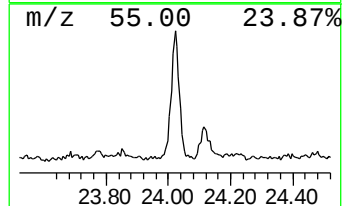
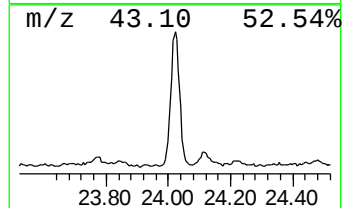
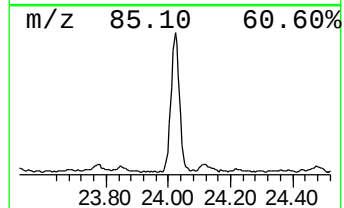
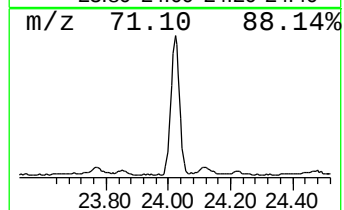
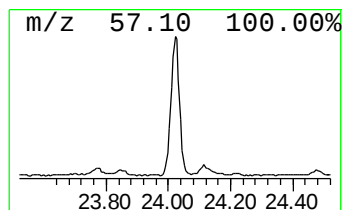
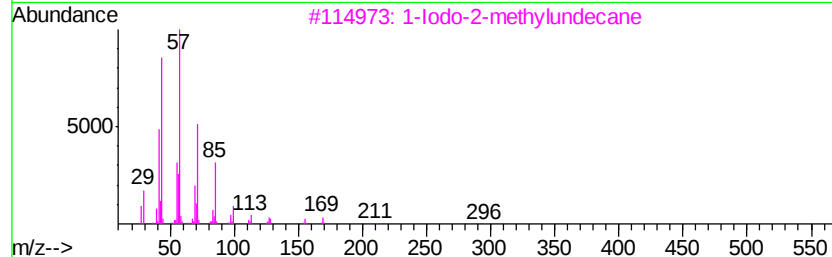
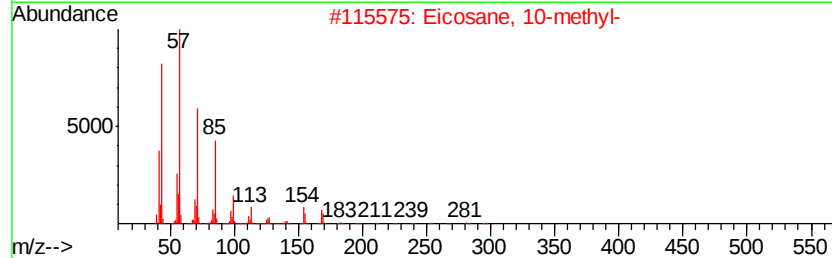
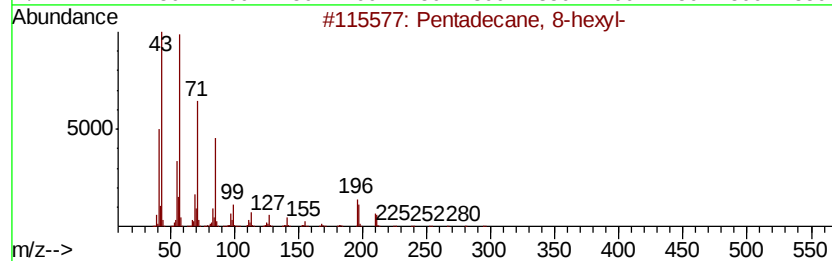
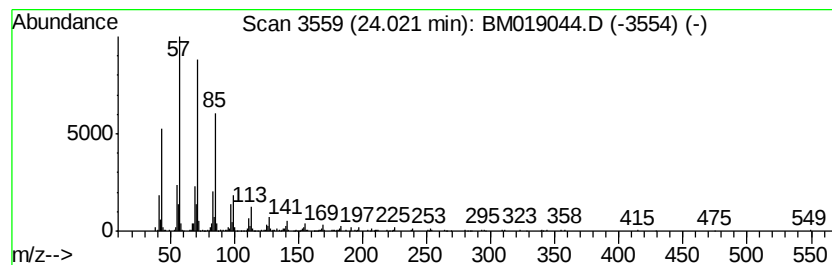
Instrument :
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ClientSampleId :
PST-028-B104-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	6.12 ng	756035	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 8-hexyl-	296 C21H44	013475-75-7 93
2		Eicosane, 10-methyl-	296 C21H44	054833-23-7 91
3		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 91
4		Heneicosane	296 C21H44	000629-94-7 91
5		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019044.D
Acq On : 05 Mar 2019 19:41
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

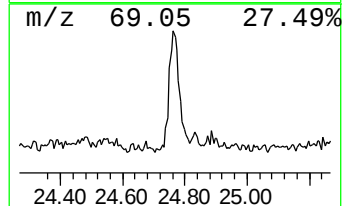
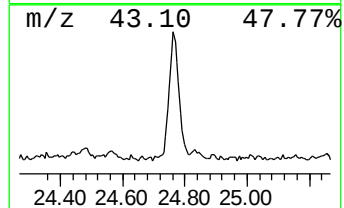
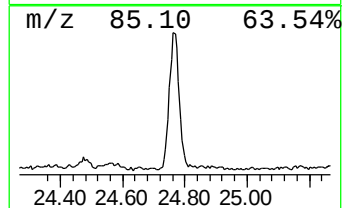
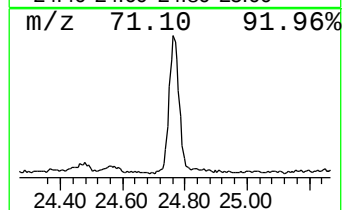
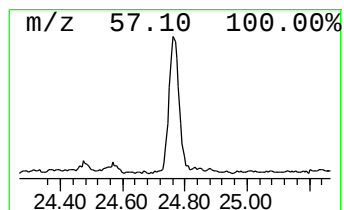
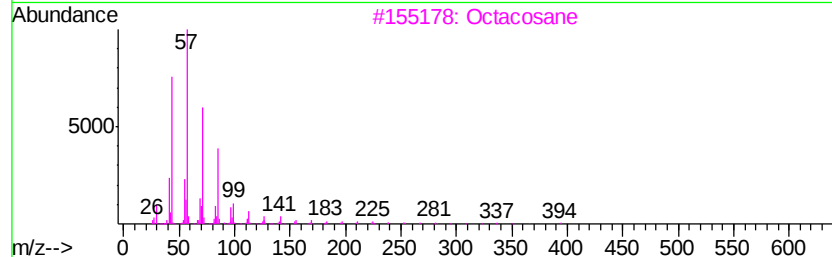
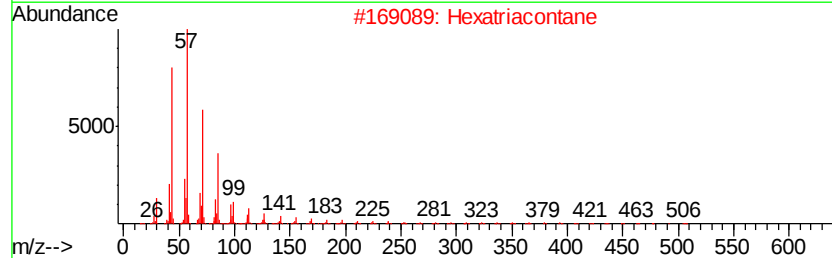
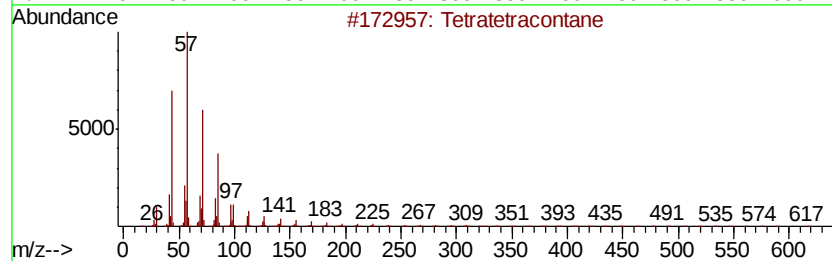
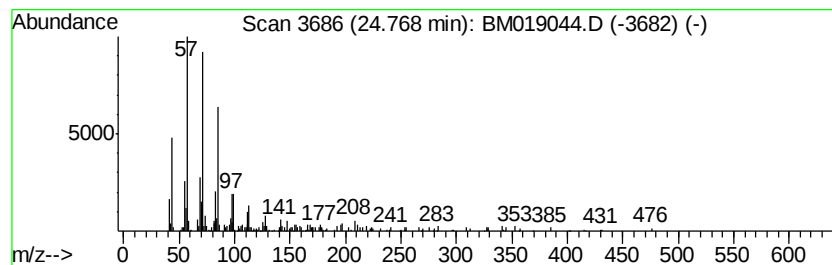
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.99 ng	369276	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	80
2		Hexatriacontane	507	C36H74	000630-06-8	72
3		Octacosane	394	C28H58	000630-02-4	72
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	64
5		Hexacosane	366	C26H54	000630-01-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019044.D
Acq On : 05 Mar 2019 19:41
Operator : JU/SJ
Sample : K1705-19
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-B104-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.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	17.97	3.3	ng	299879	4	17.08	1806290	20.0
Ethanol, 2-(hexad...	20.98	4.5	ng	535065	5	21.28	2387750	20.0
Heneicosane	21.42	3.5	ng	421478	5	21.28	2387750	20.0
Octadecane, 2-met...	21.84	5.8	ng	697129	5	21.28	2387750	20.0
Hexadecane, 5-butyl-	22.81	7.8	ng	967511	6	23.52	2469150	20.0
Heneicosane, 11-(...	23.37	6.2	ng	758940	6	23.52	2469150	20.0
Pentadecane, 8-he...	24.02	6.1	ng	756035	6	23.52	2469150	20.0
Tetratetracontane	24.77	3.0	ng	369276	6	23.52	2469150	20.0