

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019049.D
 Acq On : 05 Mar 2019 22:45
 Operator : JU/SJ
 Sample : K1705-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW003-022719

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	5.269	365	371	389	rBV	3434920	5054753	82.67%	7.583%
2	6.852	633	640	657	rBV	3377089	5629607	92.07%	8.445%
3	7.211	692	701	715	rBV	3654114	5650503	92.41%	8.477%
4	7.675	773	780	788	rBV	1189665	1848582	30.23%	2.773%
5	7.993	826	834	847	rBV	2562648	4072134	66.60%	6.109%
6	8.840	970	978	994	rBV	1826359	3186179	52.11%	4.780%
7	10.463	1247	1254	1269	rBV	1347322	2389814	39.09%	3.585%
8	12.940	1668	1675	1692	rBV	4033824	6031537	98.64%	9.048%
9	13.792	1815	1820	1832	rBV	150746	238195	3.90%	0.357%
10	14.328	1904	1911	1929	rVB2	1856805	2853524	46.67%	4.281%
11	15.828	2159	2166	2189	rBV	2993344	4509102	73.75%	6.764%
12	17.081	2373	2379	2392	rBV	2058887	2991026	48.92%	4.487%
13	17.969	2525	2530	2541	rBV	479231	808598	13.22%	1.213%
14	19.145	2726	2730	2740	rVB	72445	119074	1.95%	0.179%
15	19.257	2744	2749	2762	rBV	285743	488419	7.99%	0.733%
16	19.516	2789	2793	2798	rVB	65255	85870	1.40%	0.129%
17	19.716	2822	2827	2839	rBV	5257933	6114400	100.00%	9.172%
18	20.516	2960	2963	2967	rVB2	59190	64226	1.05%	0.096%
19	20.980	3037	3042	3050	rBV	494435	656130	10.73%	0.984%
20	21.186	3073	3077	3083	rBV	189231	220510	3.61%	0.331%
21	21.280	3087	3093	3104	rVV	2215852	3098960	50.68%	4.649%
22	21.416	3112	3116	3122	rBV	427573	490489	8.02%	0.736%
23	21.845	3185	3189	3202	rBV	760244	1177120	19.25%	1.766%
24	22.304	3263	3267	3272	rBV	953221	1240998	20.30%	1.862%
25	22.810	3349	3353	3358	rBV	946666	1371537	22.43%	2.057%
26	23.374	3444	3449	3456	rBV	855214	1373712	22.47%	2.061%
27	23.521	3468	3474	3491	rVB	1595717	3122372	51.07%	4.684%
28	24.021	3554	3559	3568	rVB	624448	1174890	19.22%	1.762%
29	24.768	3681	3686	3692	rVB	309264	598238	9.78%	0.897%

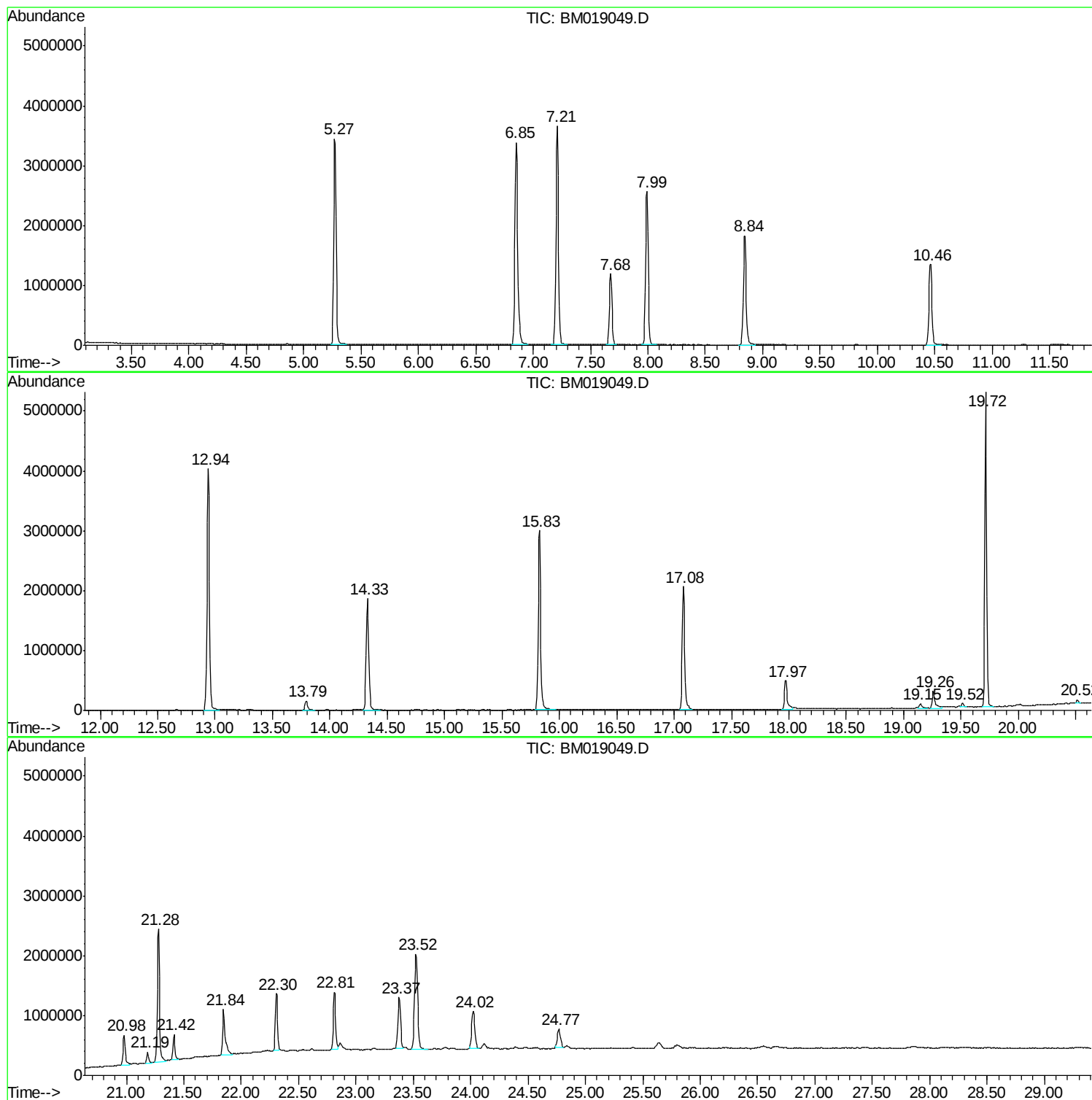
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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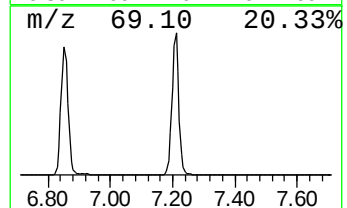
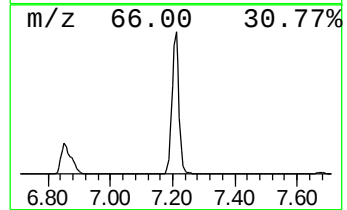
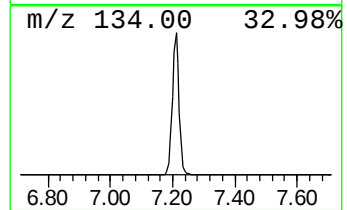
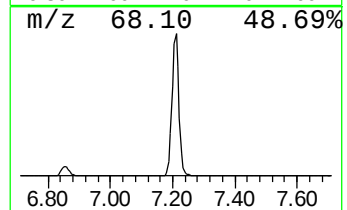
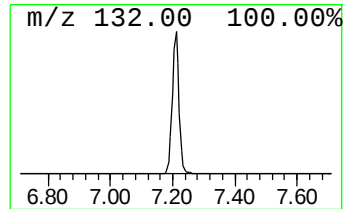
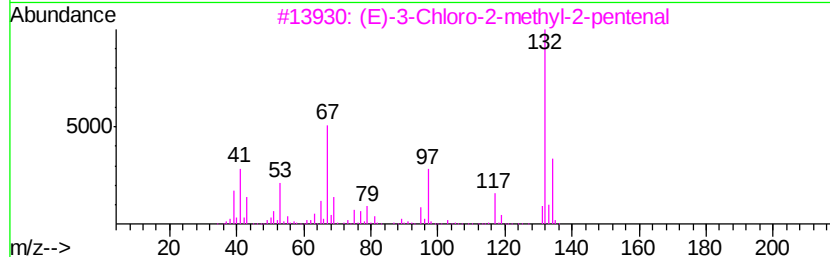
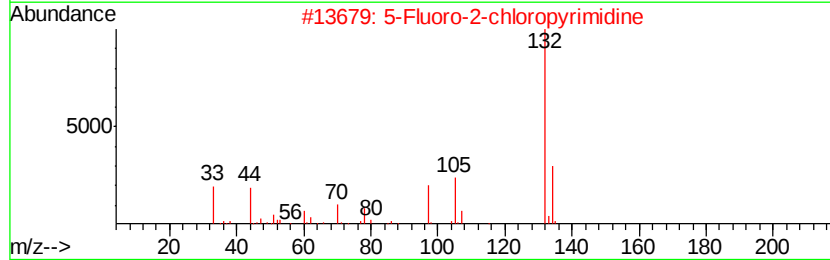
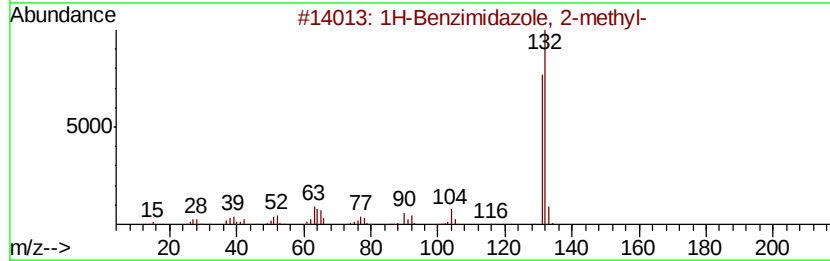
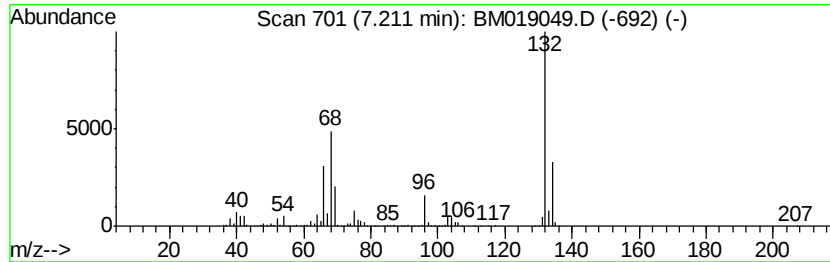
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.21 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	61.13 ng	5650500	1,4-Dichlorobenzene-d4	7.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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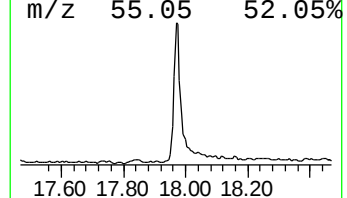
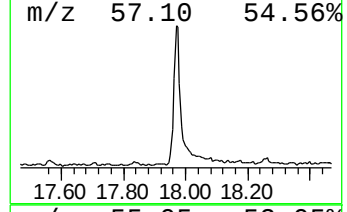
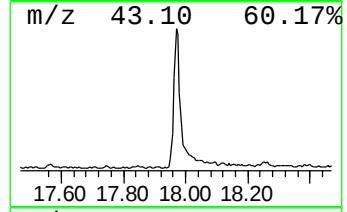
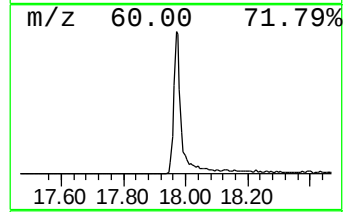
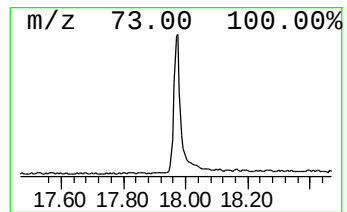
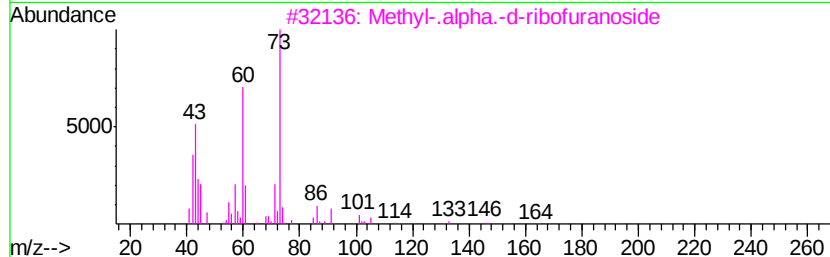
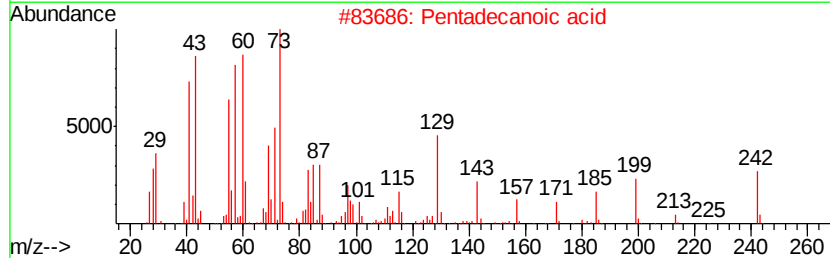
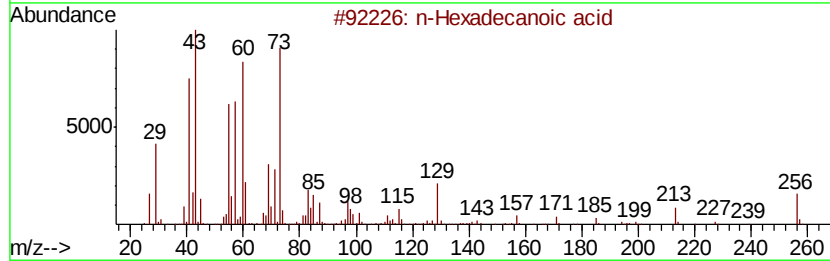
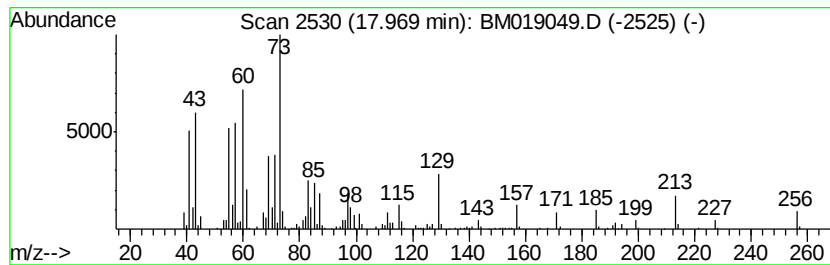
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.97	5.41 ng	808598	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	72
3			Methyl-.alpha.-d-ribofuranoside	164	C6H12O5	1000129-83-1	38
4			Dodecane	170	C12H26	000112-40-3	18
5			Hexadecane	226	C16H34	000544-76-3	18



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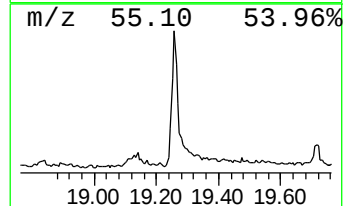
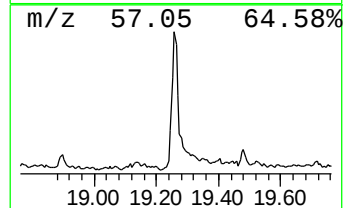
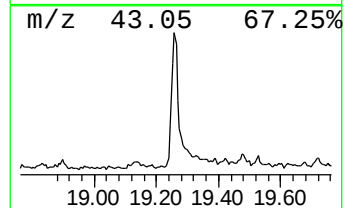
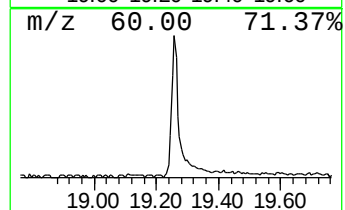
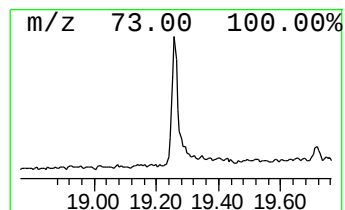
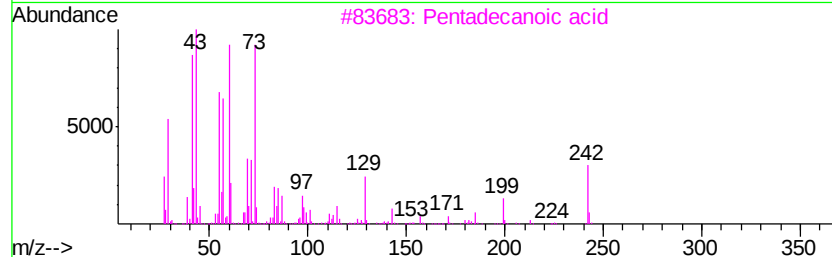
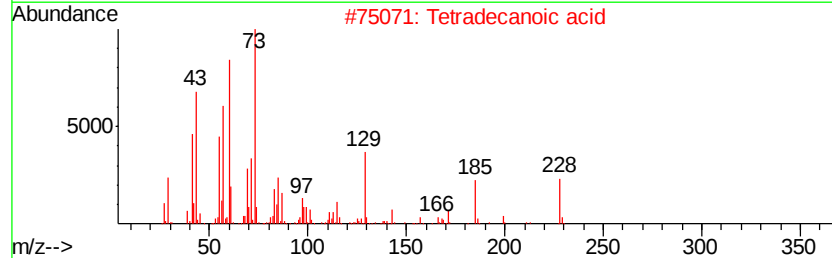
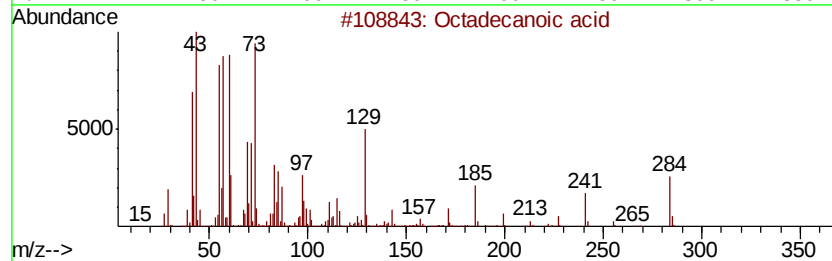
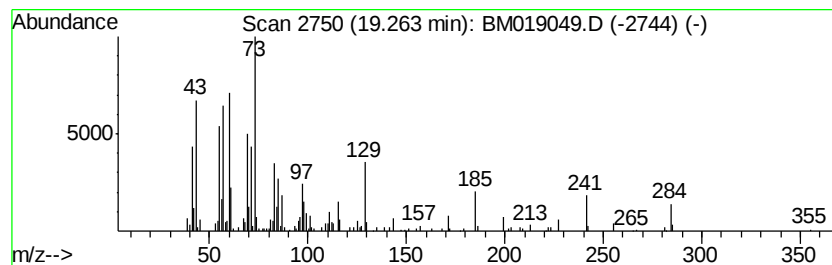
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Peak Number 4 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	3.15 ng	488419	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
5		n-Decanoic acid	172	C10H20O2	000334-48-5	58



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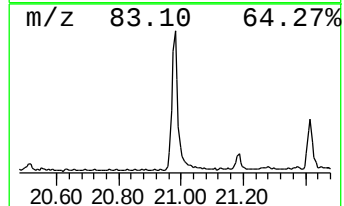
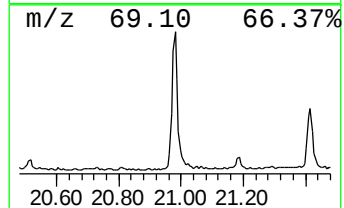
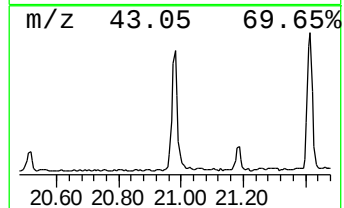
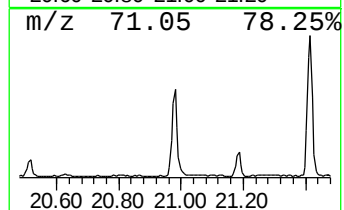
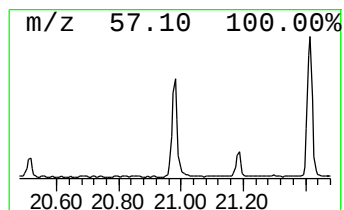
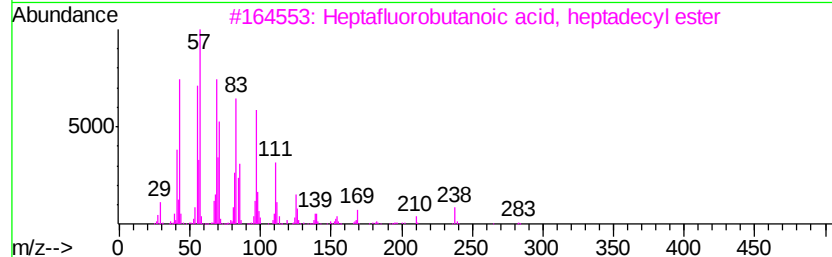
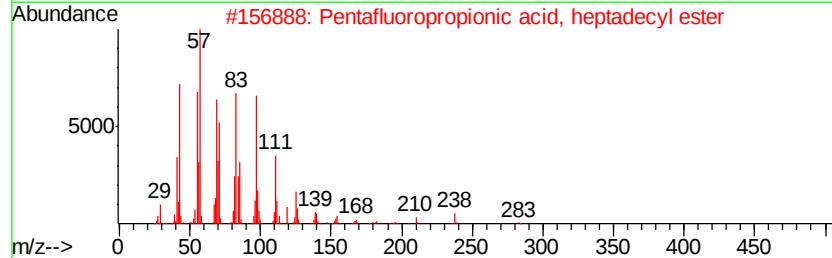
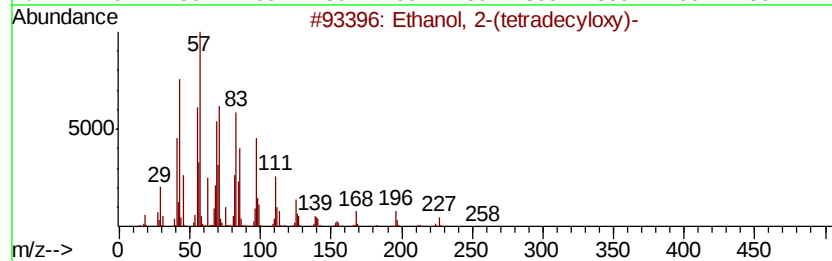
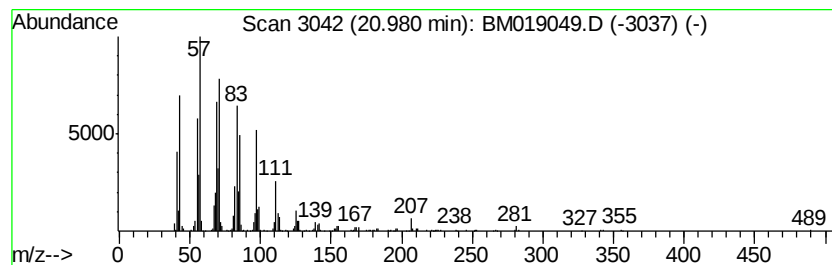
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Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.23 ng	656130	Chrysene-d12	21.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	76
2	Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2	76
3	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	76
4	1-Hexadecanesulfonyl chloride	324 C16H33ClO2S	038775-38-1	68
5	17-Pentatriacontene	491 C35H70	006971-40-0	68



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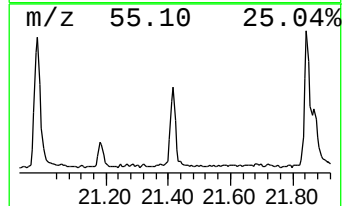
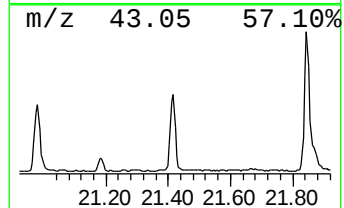
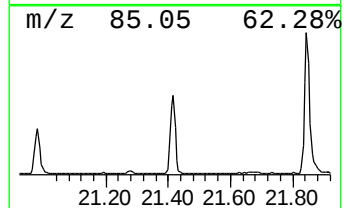
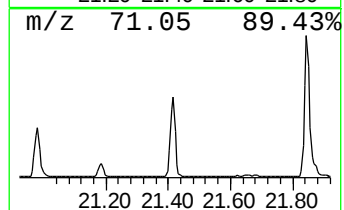
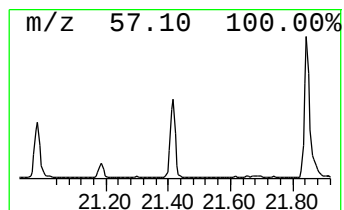
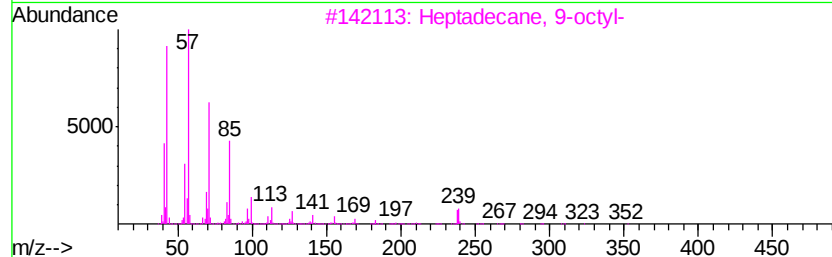
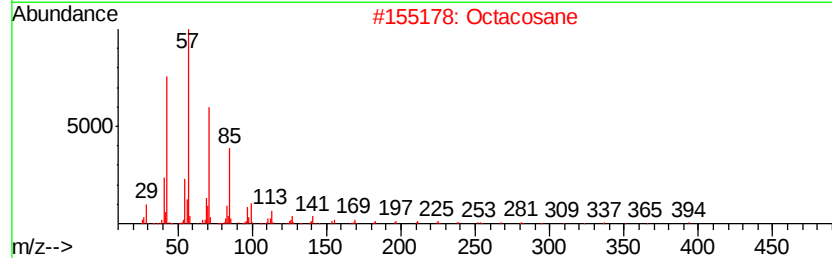
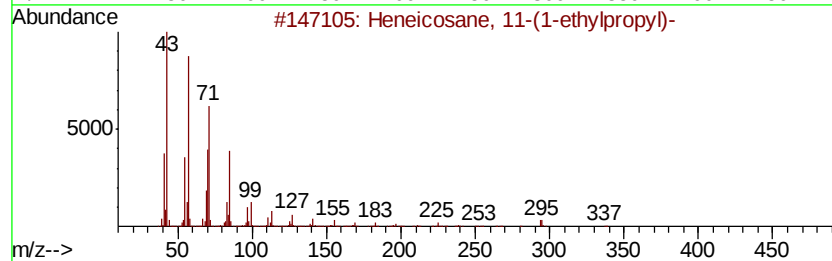
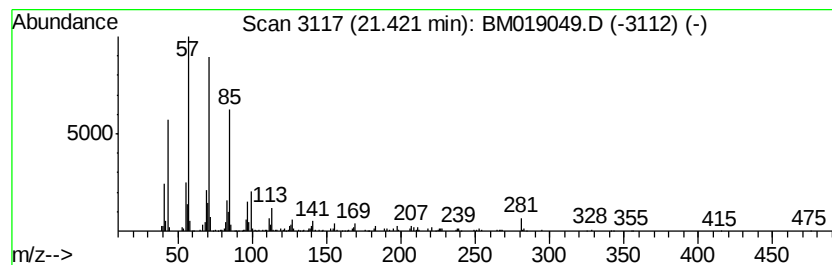
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Heneicosane, 11-(1-ethylpro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.42	3.17 ng	490489	Chrysene-d12	21.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Tetradecane	198	C14H30	000629-59-4	87



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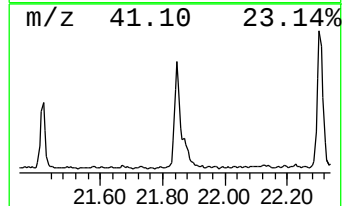
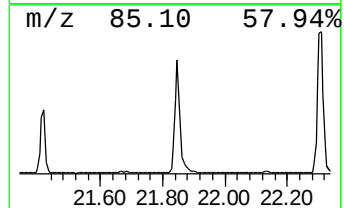
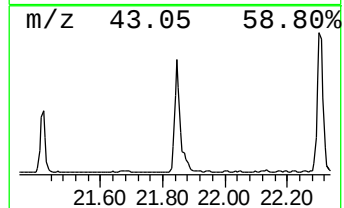
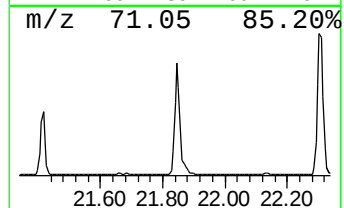
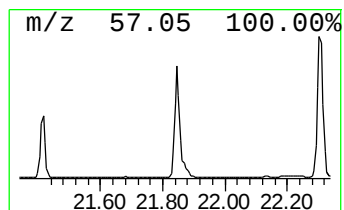
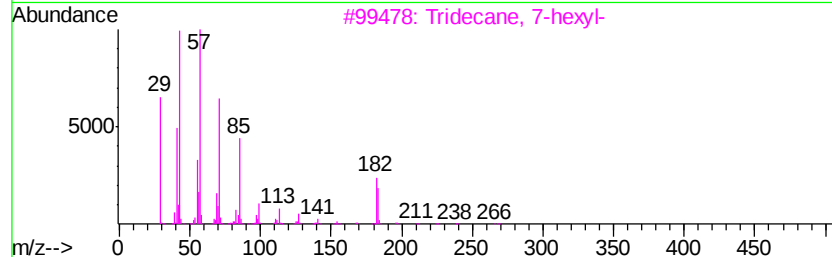
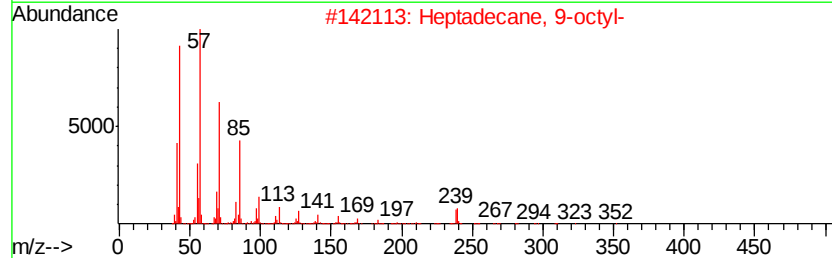
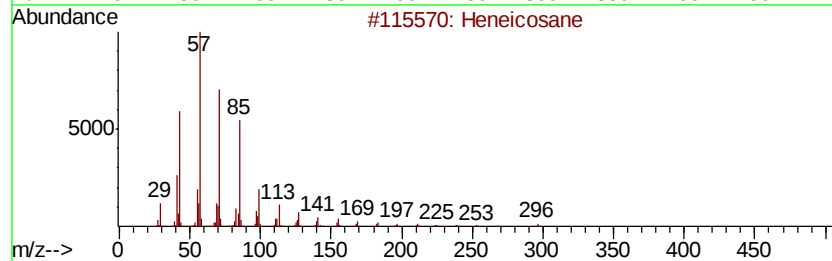
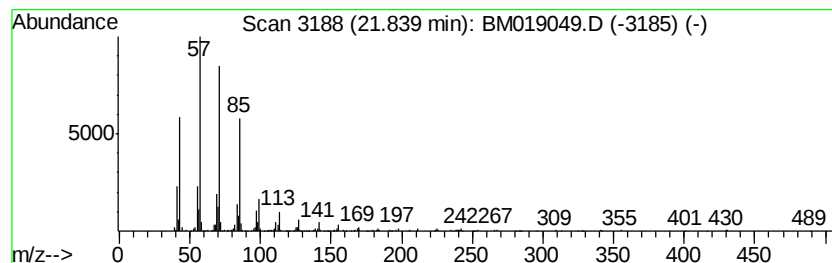
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	7.60 ng	1177120	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
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Acq On : 05 Mar 2019 22:45
Operator : JU/SJ
Sample : K1705-02
Misc :
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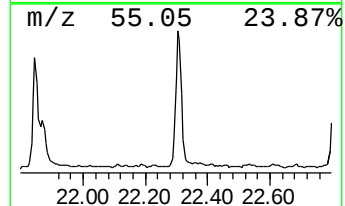
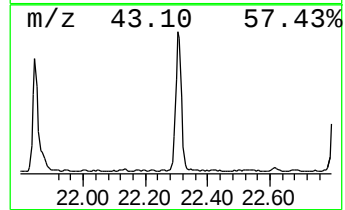
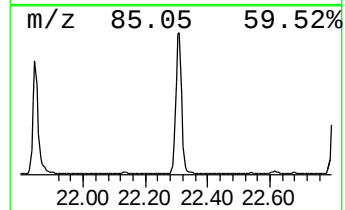
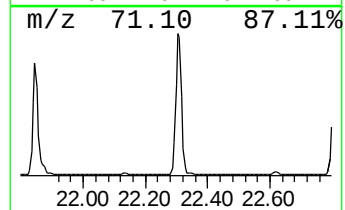
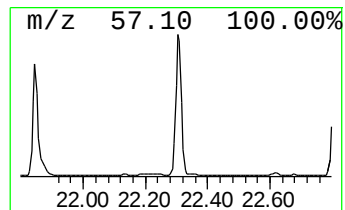
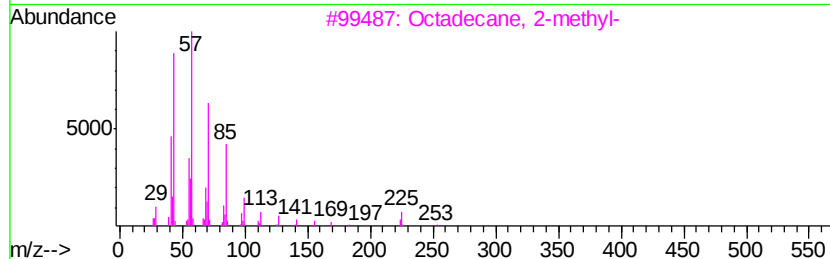
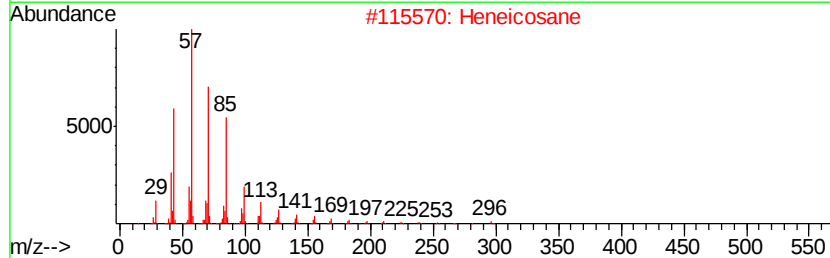
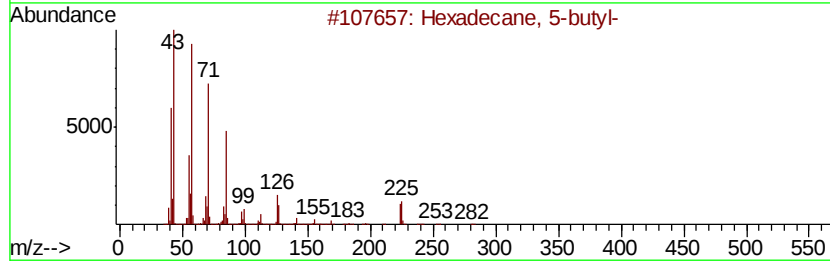
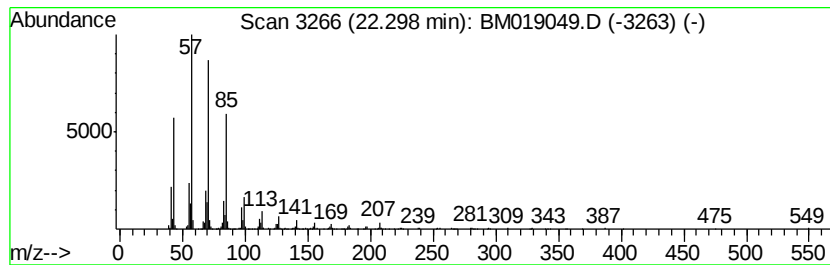
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ClientSampleId :
EXT-028-SW003-022719

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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 8 Hexadecane, 5-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.30	8.01 ng	1241000	Chrysene-d12	21.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019049.D
Acq On : 05 Mar 2019 22:45
Operator : JU/SJ
Sample : K1705-02
Misc :
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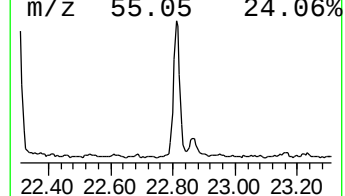
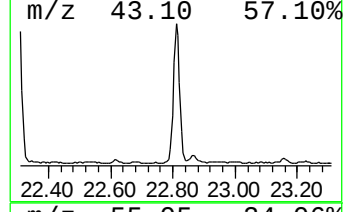
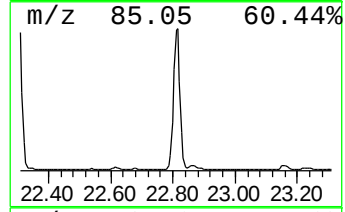
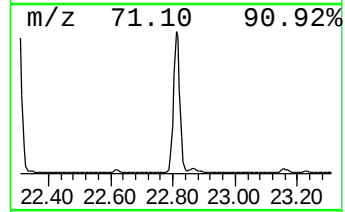
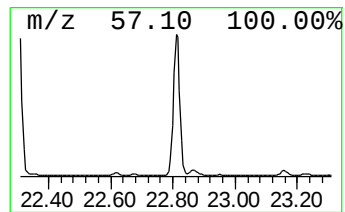
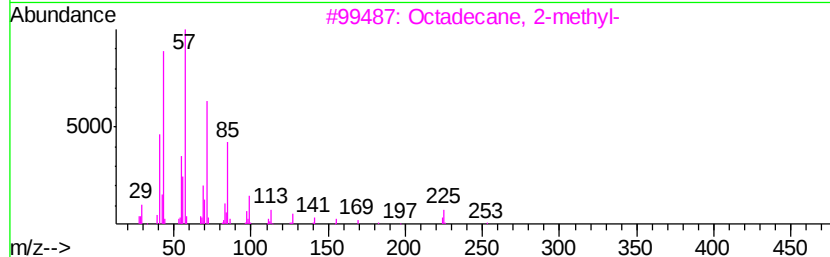
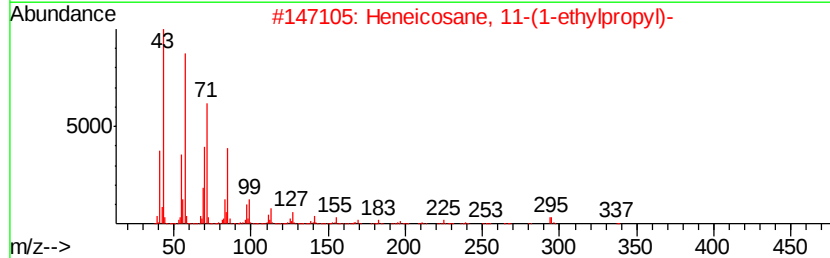
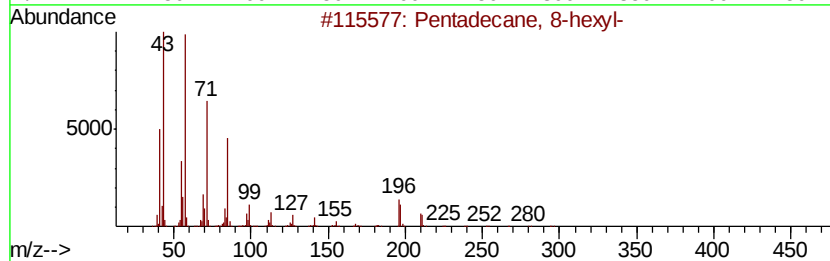
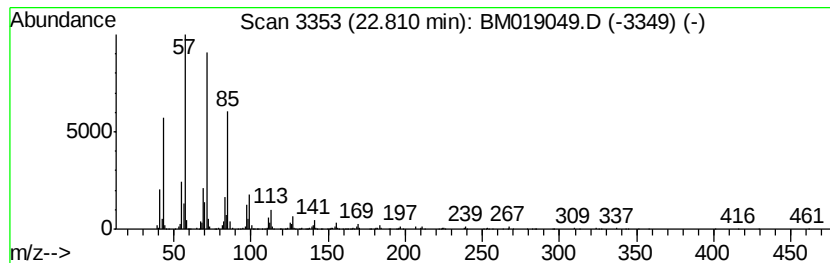
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	8.79 ng	1371540	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 8-hexyl-	296 C21H44	013475-75-7 91
2		Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6 91
3		Octadecane, 2-methyl-	268 C19H40	001560-88-9 90
4		Pentadecane, 8-heptyl-	310 C22H46	071005-15-7 90
5		Heptacosane	380 C27H56	000593-49-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
Data File : BM019049.D
Acq On : 05 Mar 2019 22:45
Operator : JU/SJ
Sample : K1705-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EXT-028-SW003-022719

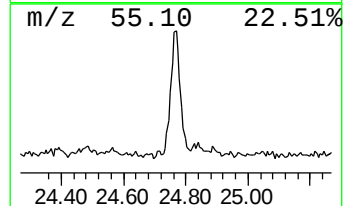
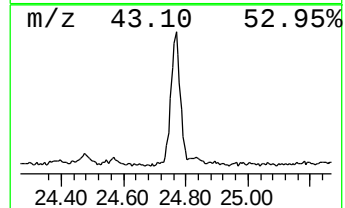
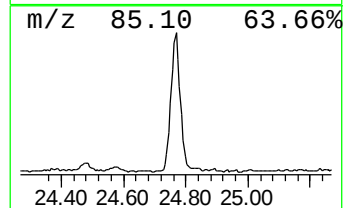
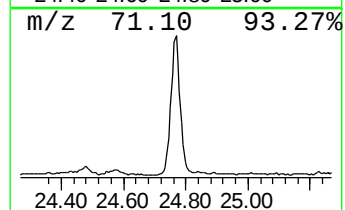
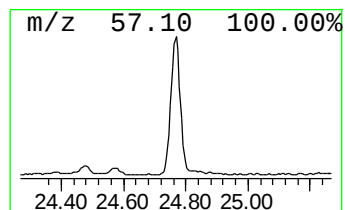
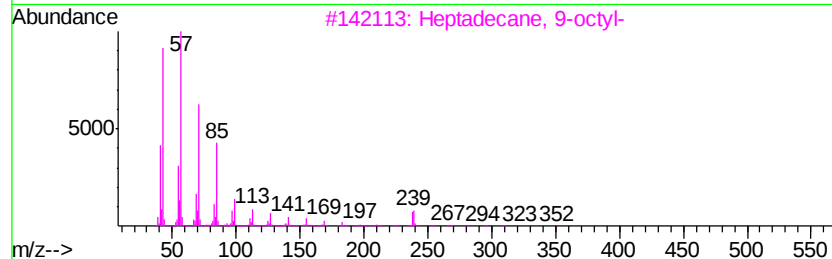
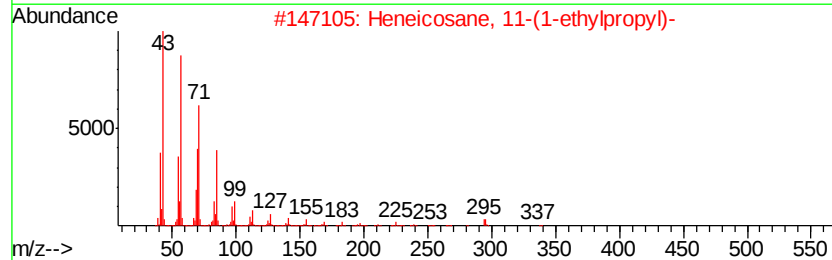
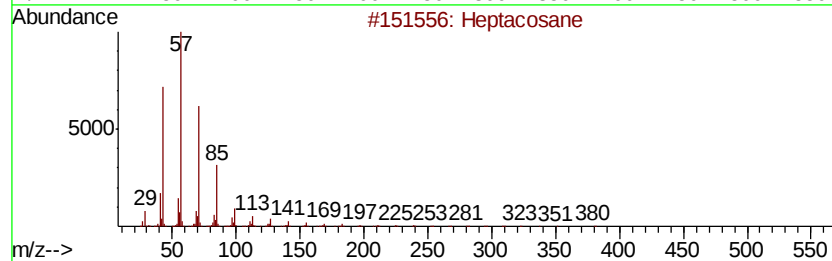
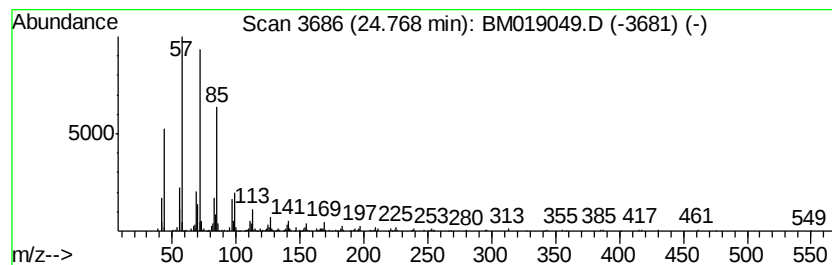
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	3.83 ng	598238	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Nonacosane	408	C29H60	000630-03-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030519\
Data File : BM019049.D
Acq On : 05 Mar 2019 22:45
Operator : JU/SJ
Sample : K1705-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW003-022719

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
unknown7.21	7.21	61.1	ng	5650500	1	7.68	1848580	20.0
n-Hexadecanoic acid	17.97	5.4	ng	808598	4	17.08	2991030	20.0
Octadecanoic acid	19.26	3.1	ng	488419	5	21.28	3098960	20.0
Ethanol, 2-(tetra...	20.98	4.2	ng	656130	5	21.28	3098960	20.0
Heneicosane, 11-(...	21.42	3.2	ng	490489	5	21.28	3098960	20.0
Heneicosane	21.84	7.6	ng	1177120	5	21.28	3098960	20.0
Hexadecane, 5-butyl-	22.30	8.0	ng	1241000	5	21.28	3098960	20.0
Pentadecane, 8-he...	22.81	8.8	ng	1371540	6	23.52	3122370	20.0
Heptacosane	24.77	3.8	ng	598238	6	23.52	3122370	20.0