

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
 Data File : BM019182.D
 Acq On : 15 Mar 2019 12:33
 Operator : JU/SJ
 Sample : K1817-14
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-027-B116-030619

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-BM031119.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	5.251	379	385	405	rBV	2866522	4347157	40.06%	5.606%
2	6.834	647	654	673	rBV	3219874	5375059	49.54%	6.931%
3	7.187	707	714	730	rBV	3161695	5180607	47.74%	6.680%
4	7.651	787	793	801	rBV	775940	1246873	11.49%	1.608%
5	7.969	839	847	860	rBV	2104980	3349951	30.87%	4.320%
6	8.822	984	992	1011	rBV	1676554	3035293	27.97%	3.914%
7	10.439	1260	1267	1286	rBV	1115168	2002056	18.45%	2.582%
8	12.922	1682	1689	1705	rBV	5147112	7506937	69.18%	9.680%
9	13.774	1829	1834	1845	rBV	308642	484727	4.47%	0.625%
10	14.310	1918	1925	1933	rBV2	1919646	2977450	27.44%	3.839%
11	15.810	2173	2180	2198	rBV	4249265	6333973	58.37%	8.168%
12	17.062	2386	2393	2398	rBV2	2487714	3605887	33.23%	4.650%
13	17.104	2398	2400	2412	rVB	391189	534479	4.93%	0.689%
14	17.956	2537	2545	2548	rBV2	606773	1034970	9.54%	1.335%
15	17.986	2548	2550	2560	rVB	218789	320386	2.95%	0.413%
16	18.127	2569	2574	2579	rBV2	141308	267860	2.47%	0.345%
17	18.168	2579	2581	2588	rVB	115254	152121	1.40%	0.196%
18	18.862	2694	2699	2704	rBV	155331	253955	2.34%	0.327%
19	19.009	2718	2724	2731	rBV4	62689	149949	1.38%	0.193%
20	19.127	2739	2744	2751	rBV	660598	879927	8.11%	1.135%
21	19.239	2758	2763	2767	rBV3	182320	266781	2.46%	0.344%
22	19.492	2802	2806	2815	rVV	724895	1081236	9.96%	1.394%
23	19.568	2815	2819	2824	rVB	84905	121218	1.12%	0.156%
24	19.703	2836	2842	2855	rVB	8726572	10850733	100.00%	13.992%
25	19.821	2857	2862	2863	rBV3	80422	117894	1.09%	0.152%
26	19.974	2881	2888	2889	rBV5	131919	226328	2.09%	0.292%
27	20.150	2914	2918	2923	rVB	121668	168857	1.56%	0.218%
28	20.292	2938	2942	2946	rBV	127502	174531	1.61%	0.225%
29	20.339	2946	2950	2952	rVV	103967	137036	1.26%	0.177%
30	20.368	2952	2955	2958	rVB2	147608	161317	1.49%	0.208%
31	20.962	3051	3056	3066	rBV3	1317704	1730965	15.95%	2.232%
32	21.262	3100	3107	3111	rBV	3261897	4473871	41.23%	5.769%
33	21.297	3111	3113	3121	rVB	381997	496846	4.58%	0.641%
34	21.397	3127	3130	3140	rVB3	141794	214713	1.98%	0.277%

LSC Area Percent Report

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	21.827	3200	3203	3205	rBV2	208882	245269	2.26%	0.316%
36	21.856	3205	3208	3217	rVB2	532700	759773	7.00%	0.980%
37	22.286	3278	3281	3285	rBV	347643	387507	3.57%	0.500%
38	22.786	3362	3366	3370	rBV	534853	764367	7.04%	0.986%
39	22.844	3370	3376	3385	rVB2	778877	1630219	15.02%	2.102%
40	23.350	3458	3462	3466	rVB	301393	439211	4.05%	0.566%
41	23.497	3481	3487	3494	rBV	1782357	3192956	29.43%	4.117%
42	23.991	3566	3571	3579	rVB	467268	869228	8.01%	1.121%

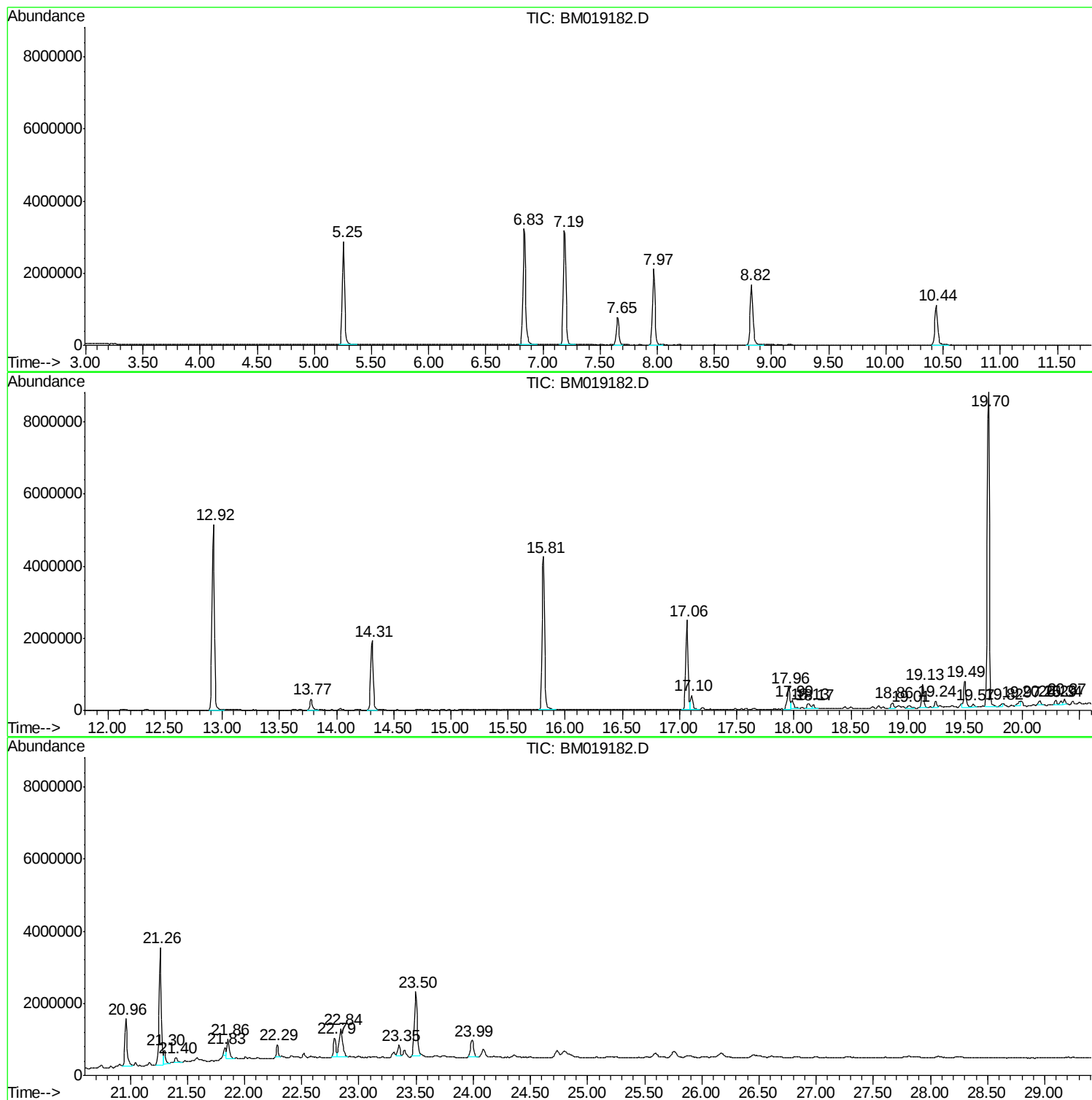
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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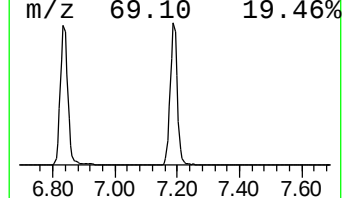
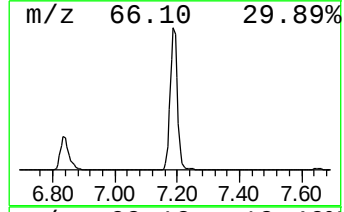
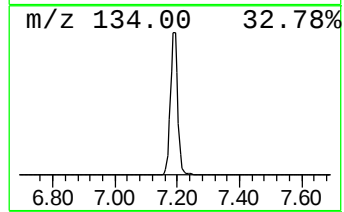
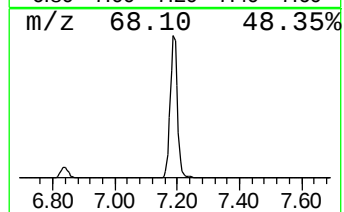
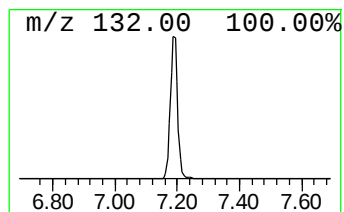
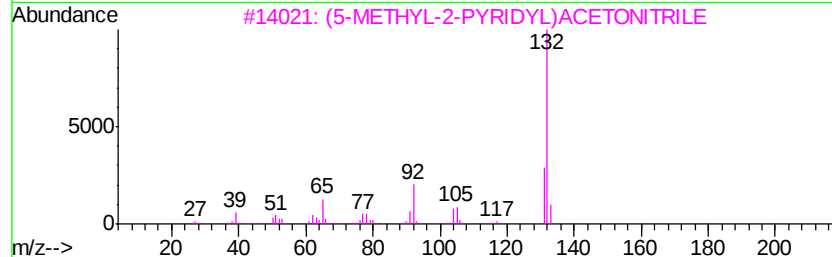
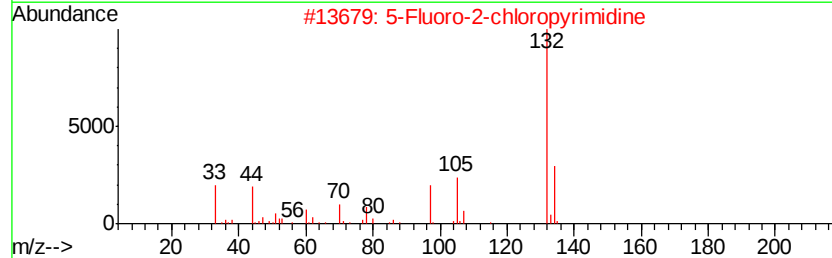
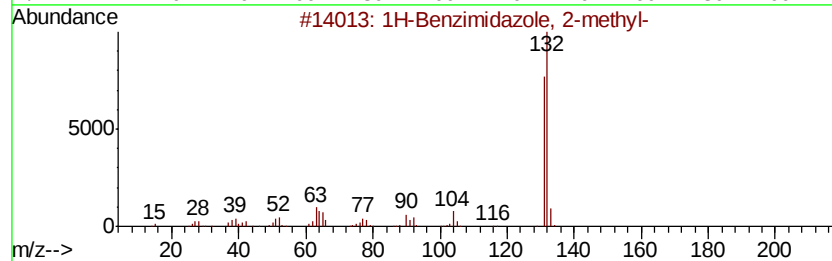
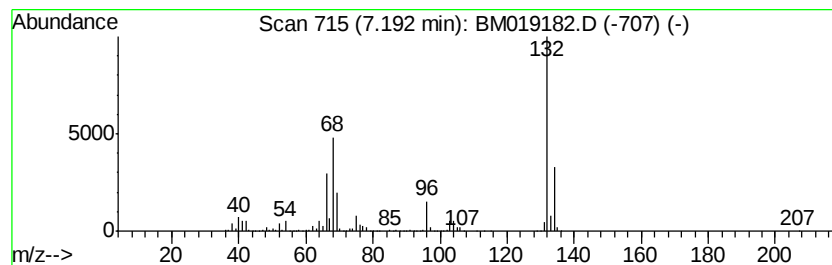
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	83.10 ng	5180610	1,4-Dichlorobenzene-d4	7.66

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		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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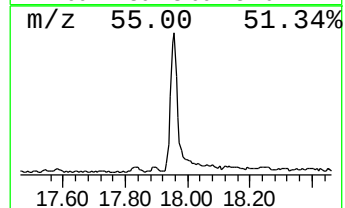
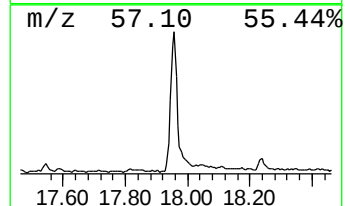
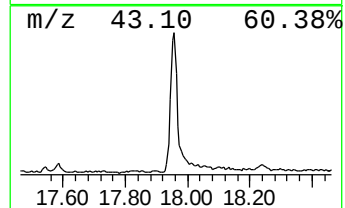
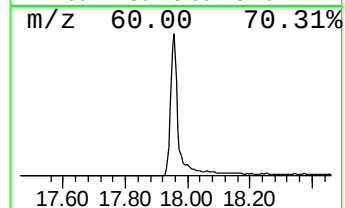
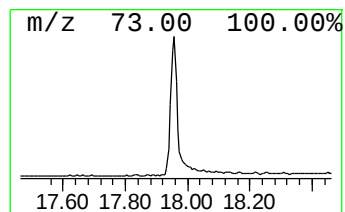
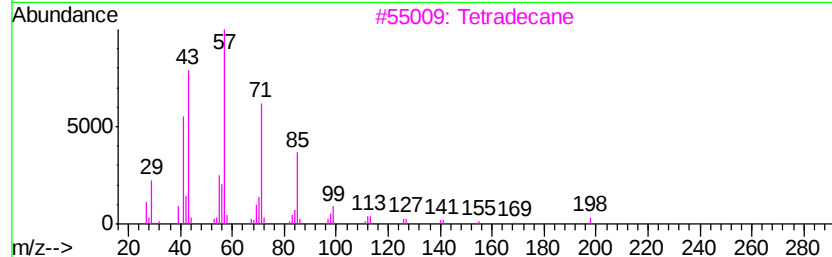
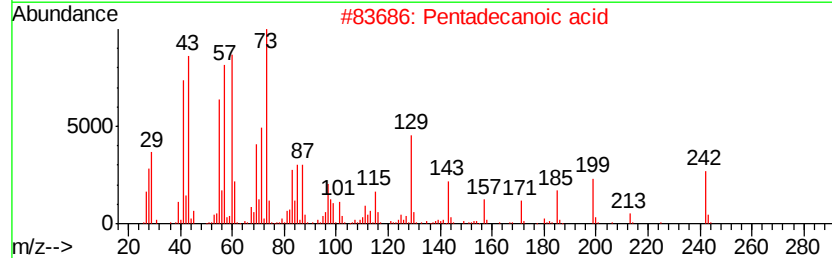
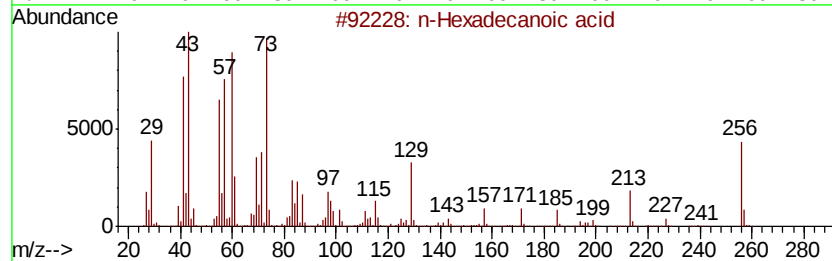
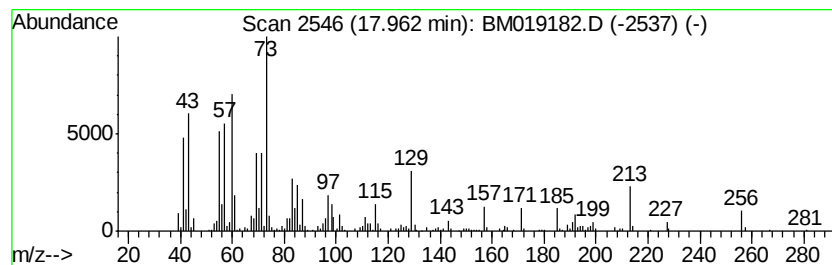
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.96	5.74 ng	1034970	Phenanthrene-d10		17.06
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	Tetradecane	198	C14H30	000629-59-4	68
4	Tridecane	184	C13H28	000629-50-5	18
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	18



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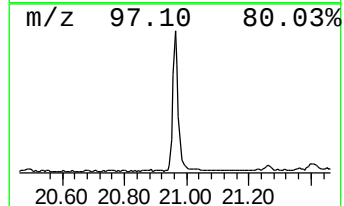
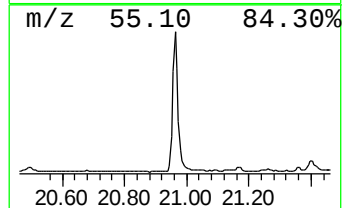
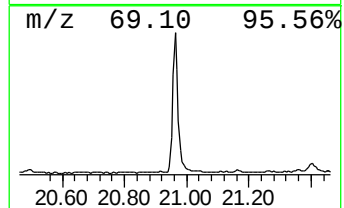
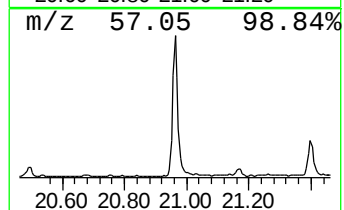
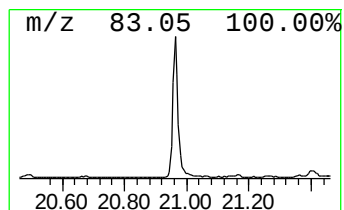
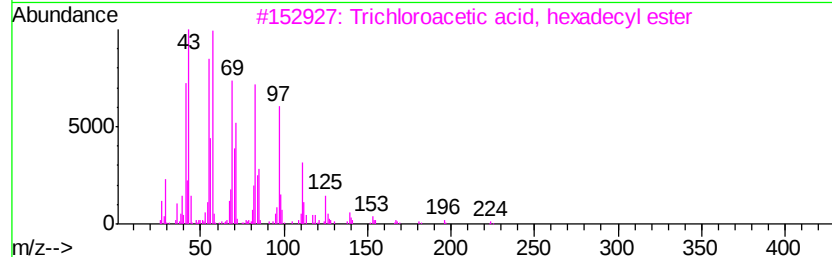
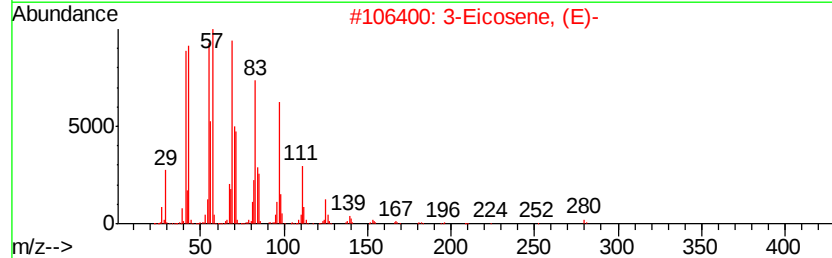
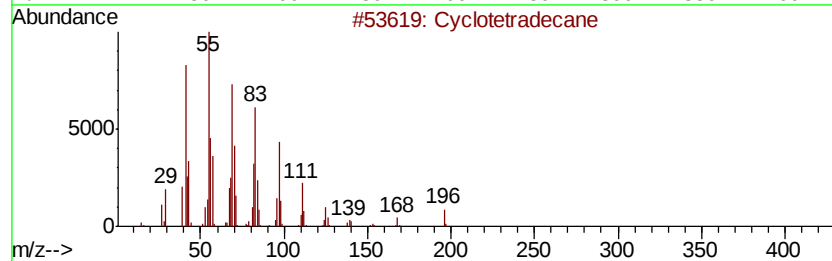
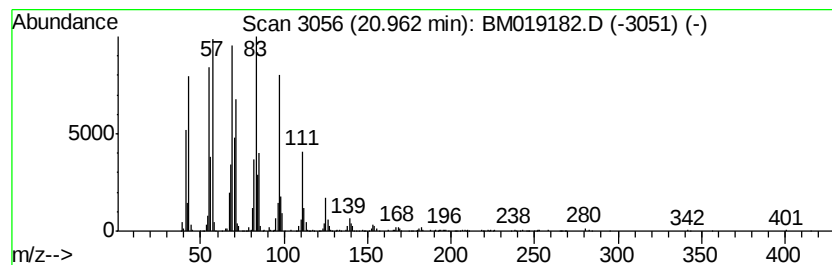
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	7.74 ng	1730970	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
5		1-Tetracosanol	354	C24H50O	000506-51-4	91



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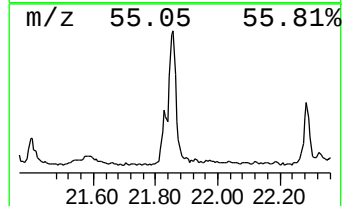
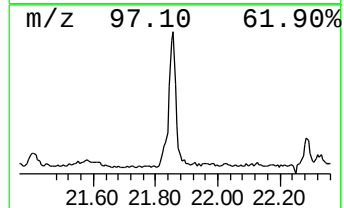
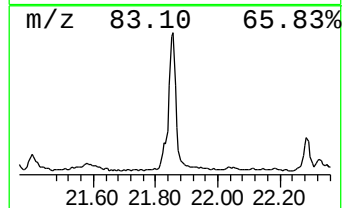
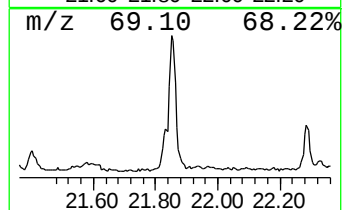
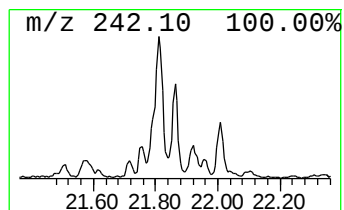
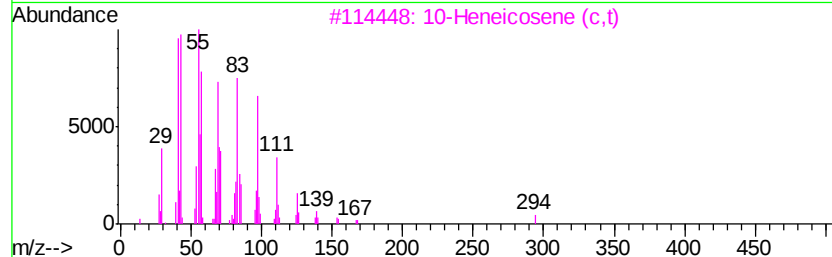
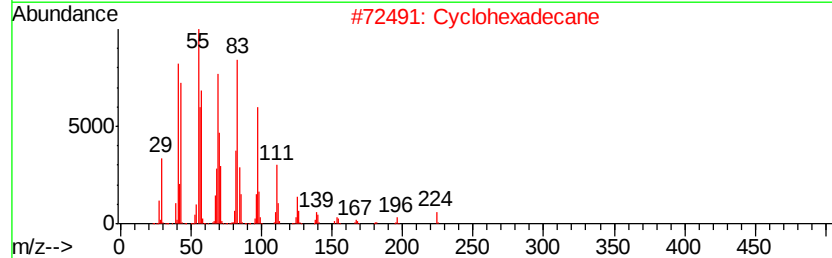
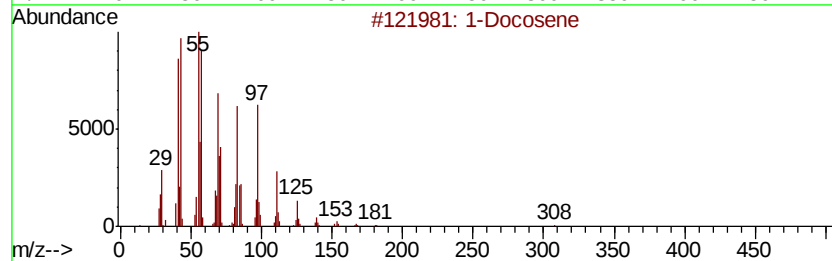
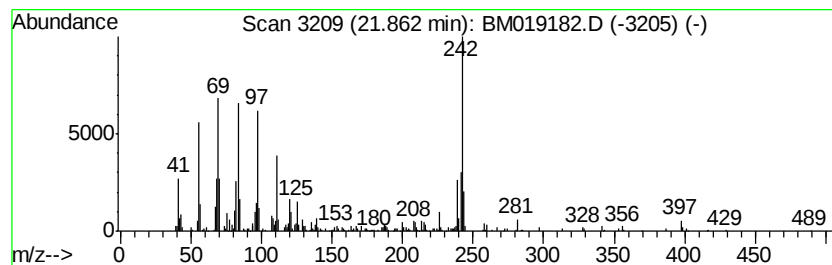
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.86	3.40 ng	759773	Chrysene-d12	21.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	78
2	Cyclohexadecane	224	C16H32	000295-65-8	64
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	52
4	1-Nonadecene	266	C19H38	018435-45-5	42
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	41



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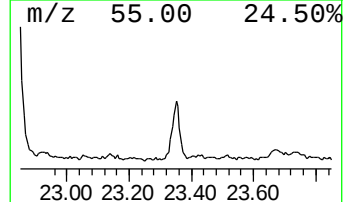
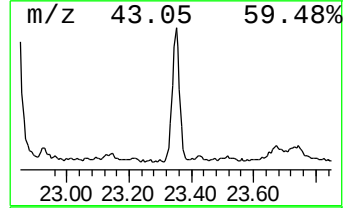
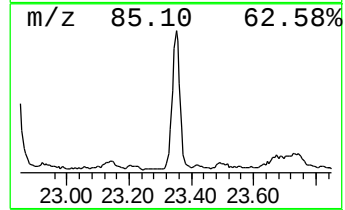
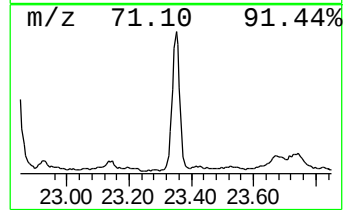
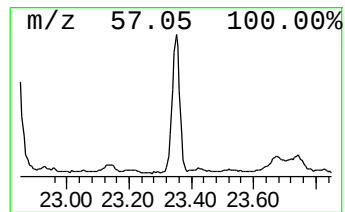
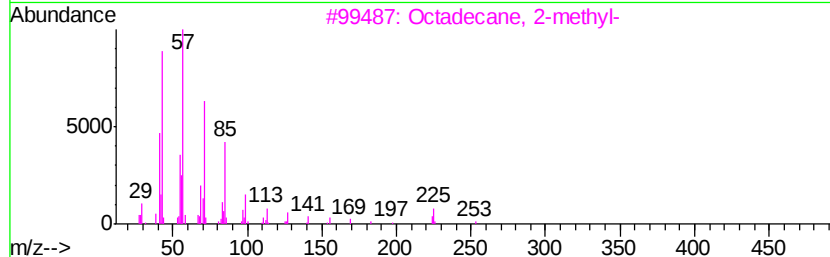
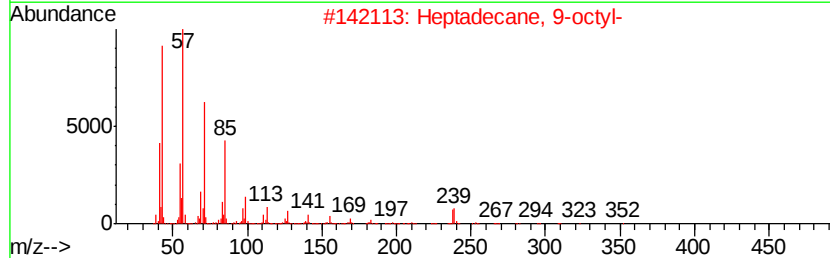
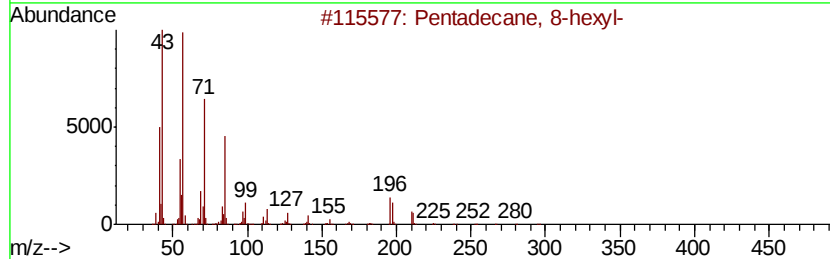
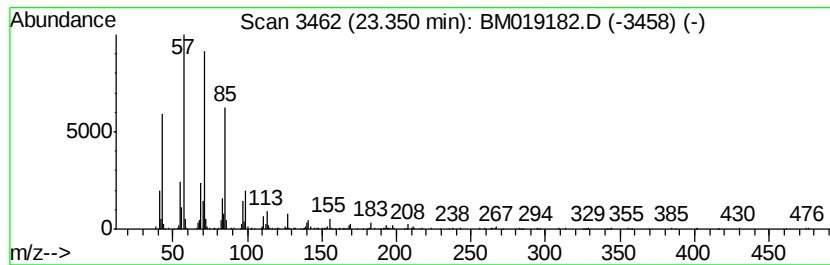
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PST-027-B116-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
23.35	2.75 ng	439211	Perylene-d12		23.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
4	Hexadecane	226	C16H34	000544-76-3	86
5	Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019182.D
Acq On : 15 Mar 2019 12:33
Operator : JU/SJ
Sample : K1817-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

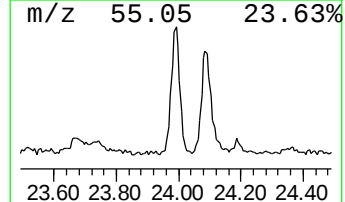
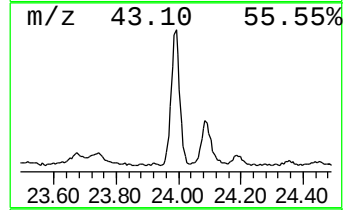
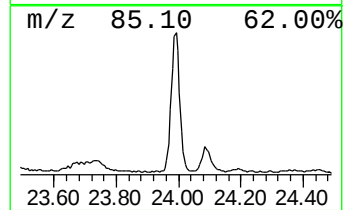
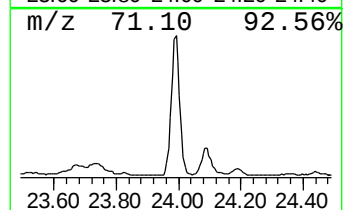
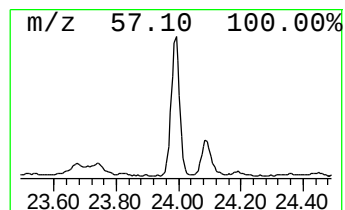
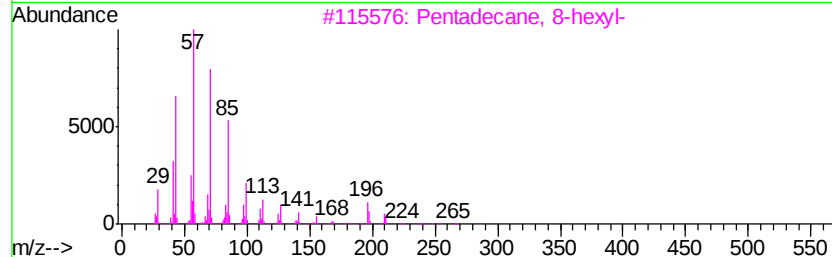
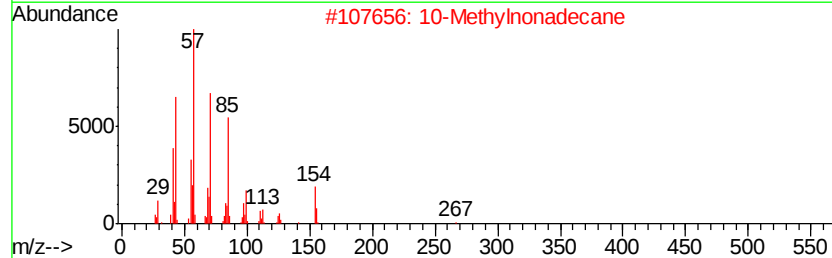
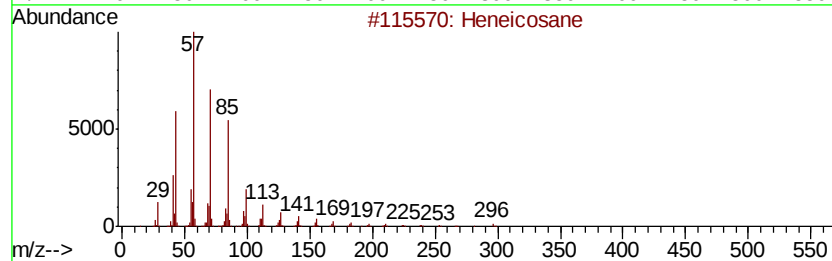
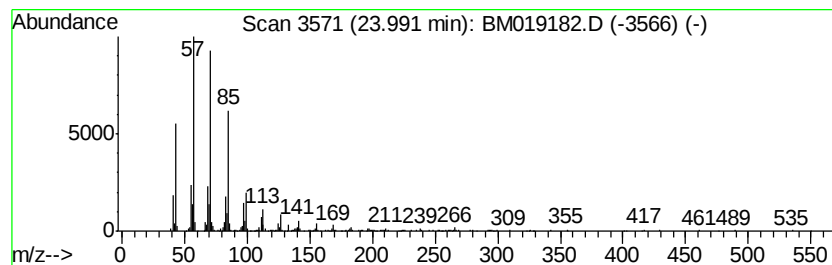
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	5.44 ng	869228	Perylene-d12	23.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	10-Methylnonadecane		282	C20H42	056862-62-5	91
3	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	91
4	Docosane, 11-butyl-		366	C26H54	013475-76-8	90
5	Octacosane		394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031519\
Data File : BM019182.D
Acq On : 15 Mar 2019 12:33
Operator : JU/SJ
Sample : K1817-14
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-027-B116-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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
unknown7.19	7.19	83.1	ng	5180610	1	7.66	1246870	20.0
n-Hexadecanoic acid	17.96	5.7	ng	1034970	4	17.06	3605890	20.0
Cyclotetradecane	20.96	7.7	ng	1730970	5	21.26	4473870	20.0
1-Docosene	21.86	3.4	ng	759773	5	21.26	4473870	20.0
Pentadecane, 8-he...	23.35	2.8	ng	439211	6	23.50	3192960	20.0
Heneicosane	23.99	5.4	ng	869228	6	23.50	3192960	20.0