

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009722.D
 Acq On : 26 Apr 2017 16:24
 Operator : SJ/MA
 Sample : I2836-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF005-01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.034	156	161	168	rVB	65306	94682	2.74%	0.242%
2	6.987	652	663	673	rBV	458170	780282	22.56%	1.995%
3	7.158	686	692	703	rBV	348444	554603	16.03%	1.418%
4	7.352	717	725	733	rBV	440911	711811	20.58%	1.820%
5	7.822	798	805	812	rBV	548929	891620	25.78%	2.280%
6	8.522	918	924	933	rBV	530544	856367	24.76%	2.189%
7	8.993	996	1004	1011	rBV	446288	763107	22.06%	1.951%
8	9.710	1119	1126	1136	rBV2	381774	617289	17.85%	1.578%
9	10.240	1207	1216	1228	rBV	528731	886049	25.62%	2.265%
10	10.622	1271	1281	1288	rBV	791222	1285175	37.16%	3.286%
11	10.763	1299	1305	1314	rBV	460771	818246	23.66%	2.092%
12	13.881	1828	1835	1839	rBV	956733	1369365	39.59%	3.501%
13	13.922	1839	1842	1848	rVB	203619	279904	8.09%	0.716%
14	14.163	1876	1883	1890	rBV	1064896	1529946	44.23%	3.912%
15	14.469	1929	1935	1944	rVB2	1166470	1792545	51.83%	4.583%
16	14.675	1964	1970	1980	rBV	480082	796857	23.04%	2.037%
17	15.298	2071	2076	2081	rVB	61604	70887	2.05%	0.181%
18	15.463	2097	2104	2112	rBV	1460737	2039771	58.97%	5.215%
19	15.592	2120	2126	2137	rBV	491766	684514	19.79%	1.750%
20	15.704	2137	2145	2148	rBV6	31724	56365	1.63%	0.144%
21	16.157	2218	2222	2232	rBV	78984	149362	4.32%	0.382%
22	16.951	2354	2357	2361	rBV	44813	54054	1.56%	0.138%
23	17.222	2396	2403	2409	rBV	1662933	2292073	66.27%	5.860%
24	17.322	2413	2420	2427	rVV	1643136	2302539	66.57%	5.887%
25	17.510	2444	2452	2456	rBV4	33368	54460	1.57%	0.139%
26	17.586	2456	2465	2469	rBV4	85803	147688	4.27%	0.378%
27	18.092	2545	2551	2557	rBV	238587	340310	9.84%	0.870%
28	18.957	2695	2698	2704	rVB6	31785	45385	1.31%	0.116%
29	19.251	2741	2748	2750	rBV6	37221	80704	2.33%	0.206%
30	19.274	2750	2752	2760	rVB	73507	108104	3.13%	0.276%
31	19.374	2764	2769	2775	rBV3	110463	173589	5.02%	0.444%
32	19.616	2804	2810	2820	rVB	2122248	2996966	86.65%	7.662%
33	19.721	2824	2828	2832	rBV6	33718	43416	1.26%	0.111%
34	20.104	2888	2893	2895	rBV5	39844	66942	1.94%	0.171%

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35	20.274	2919	2922	2929	rVB8	35875	58033	1.68%	0.148%
36	20.521	2961	2964	2970	rVB7	35221	55207	1.60%	0.141%
37	20.627	2978	2982	2985	rBV5	26404	39287	1.14%	0.100%
38	21.086	3056	3060	3071	rBV	546542	752887	21.77%	1.925%
39	21.398	3108	3113	3126	rBV	2613574	3458796	100.00%	8.843%
40	21.968	3206	3210	3211	rBV4	88205	107628	3.11%	0.275%
41	21.992	3211	3214	3218	rVB3	152021	204962	5.93%	0.524%
42	22.451	3287	3292	3305	rBV	538543	843173	24.38%	2.156%
43	22.957	3375	3378	3383	rVB	252502	362126	10.47%	0.926%
44	23.015	3384	3388	3394	rVB5	152141	258726	7.48%	0.661%
45	23.568	3475	3482	3489	rVB2	1573088	3016554	87.21%	7.712%
46	23.715	3500	3507	3521	rVB	1619293	3298834	95.38%	8.434%
47	24.209	3586	3591	3598	rVB2	300818	576547	16.67%	1.474%
48	24.309	3604	3608	3616	rVB5	173368	345566	9.99%	0.883%

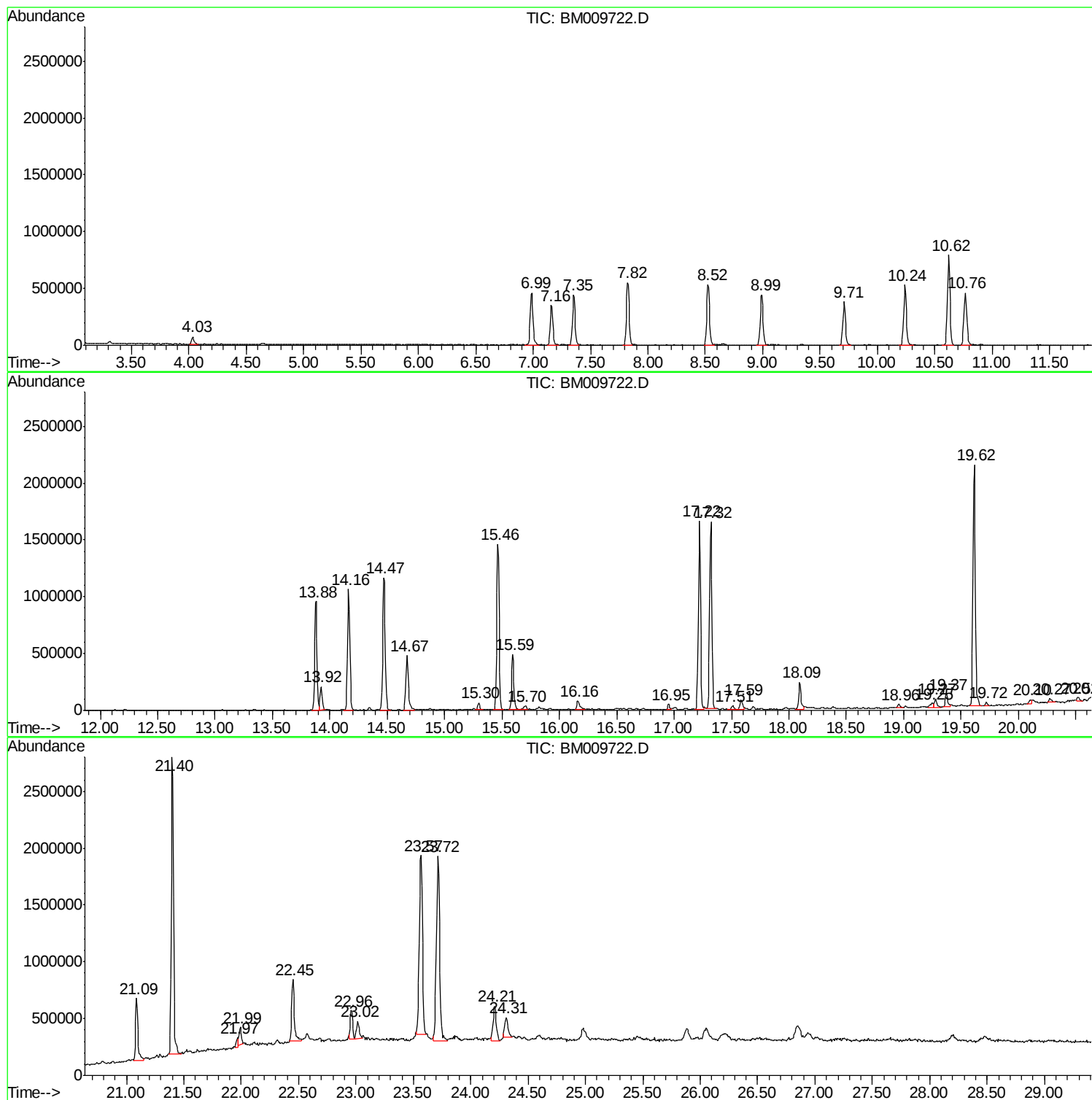
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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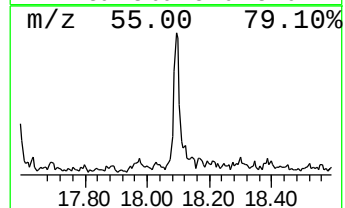
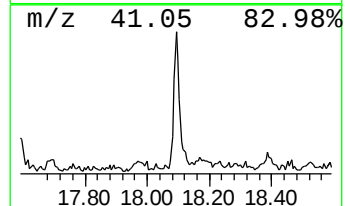
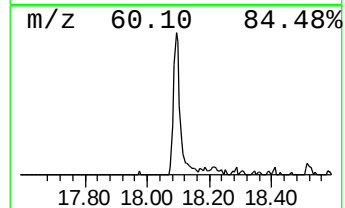
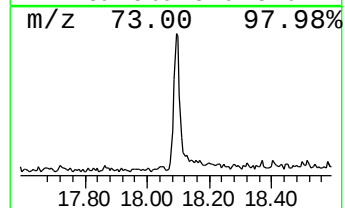
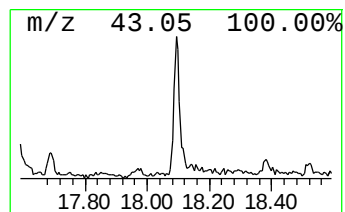
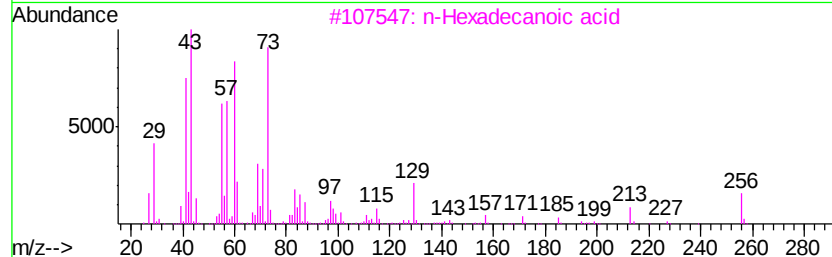
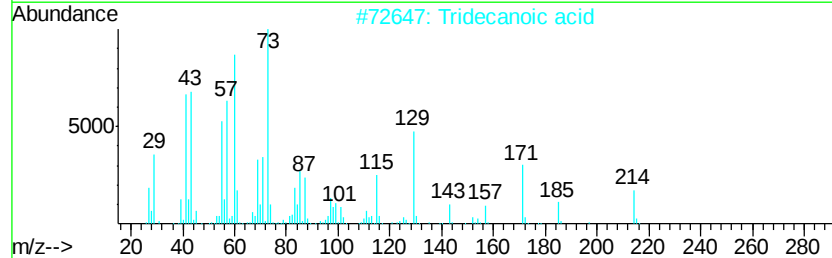
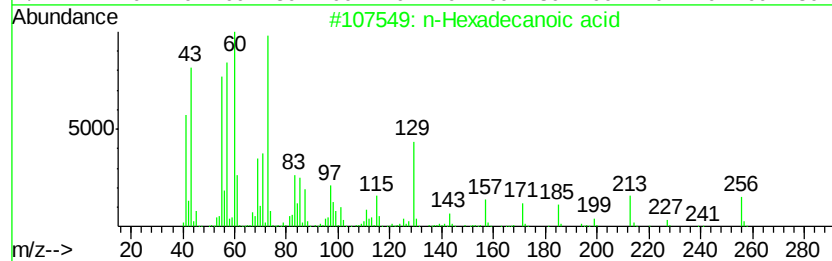
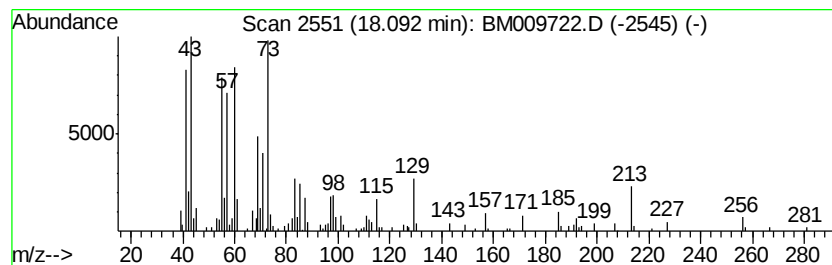
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.97 ng/ul	340310	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



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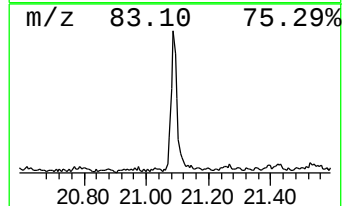
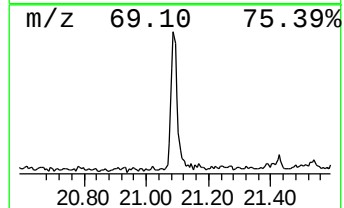
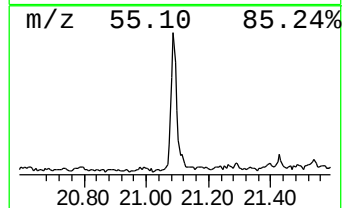
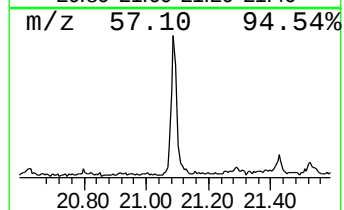
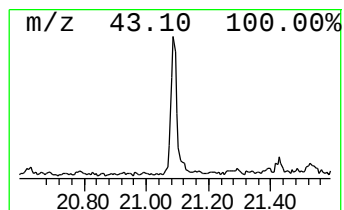
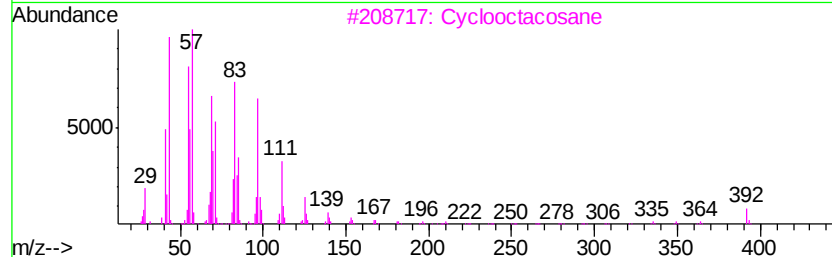
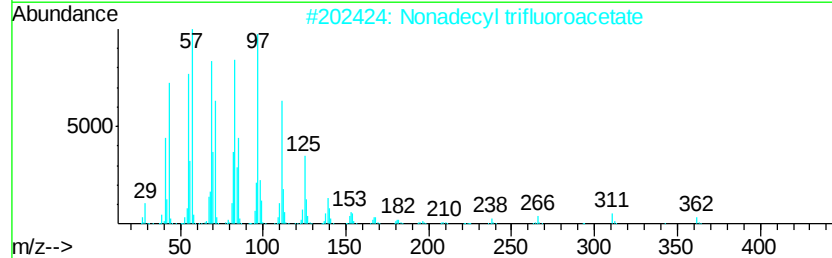
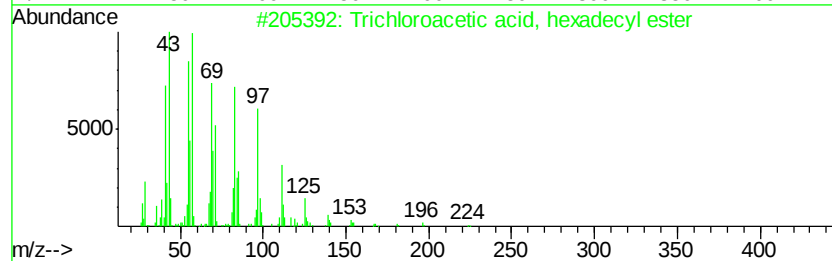
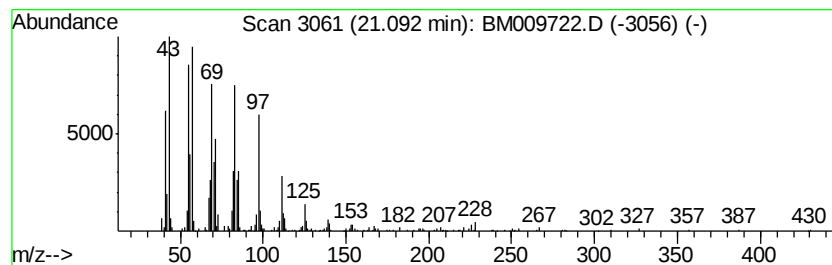
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	4.35 ng/ul	752887	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3		Cyclooctacosane	392	C28H56	000297-24-5	91
4		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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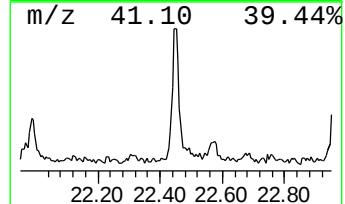
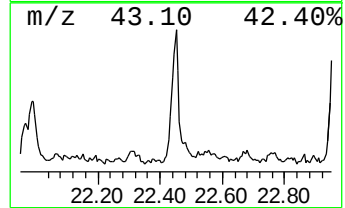
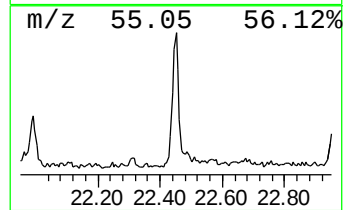
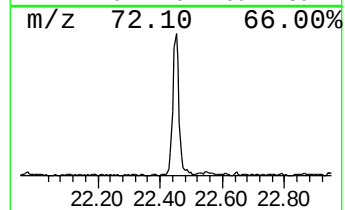
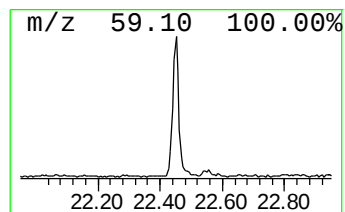
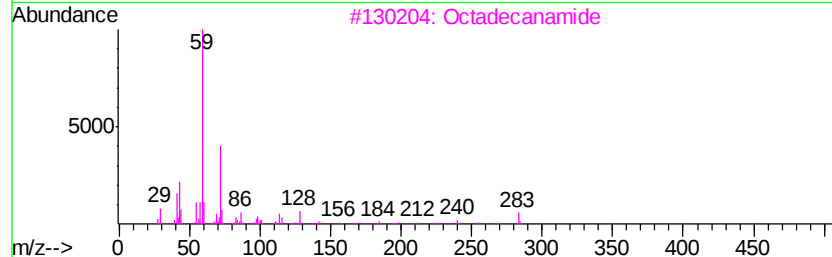
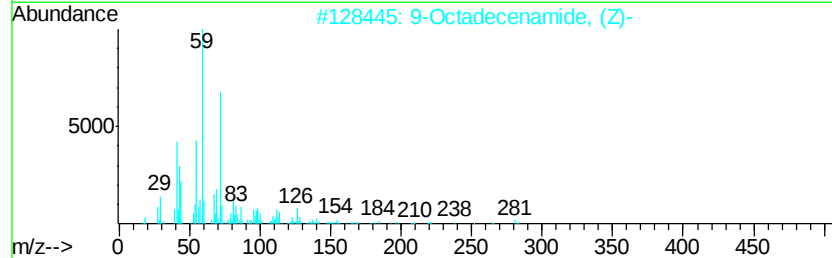
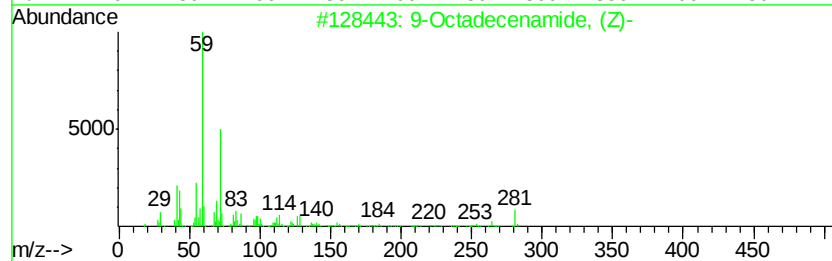
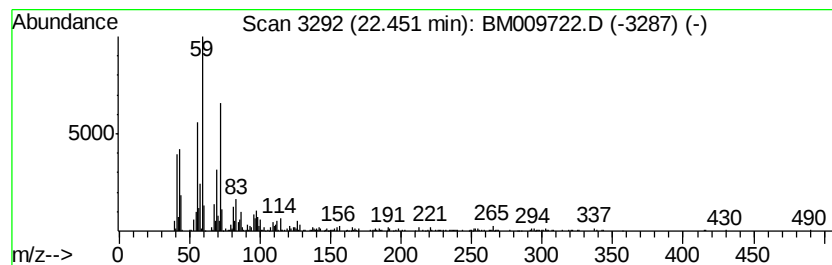
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Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	4.88 ng/ul	843173	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
3		Octadecanamide	283	C18H37NO	000124-26-5	78
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
5		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72



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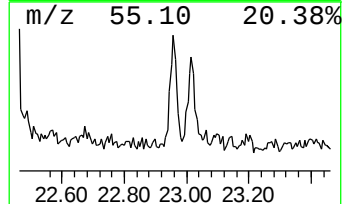
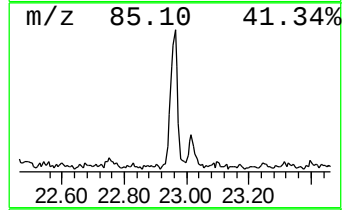
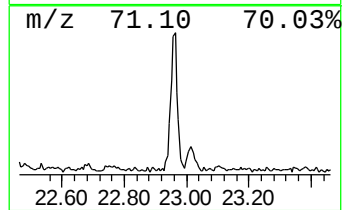
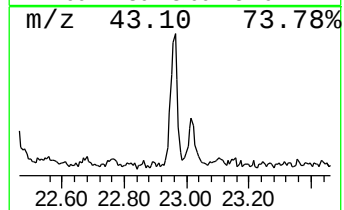
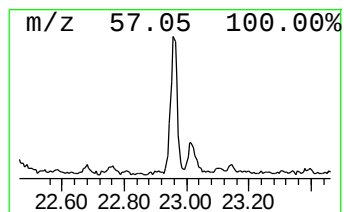
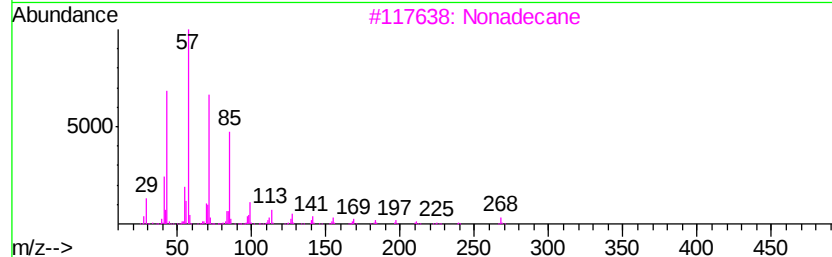
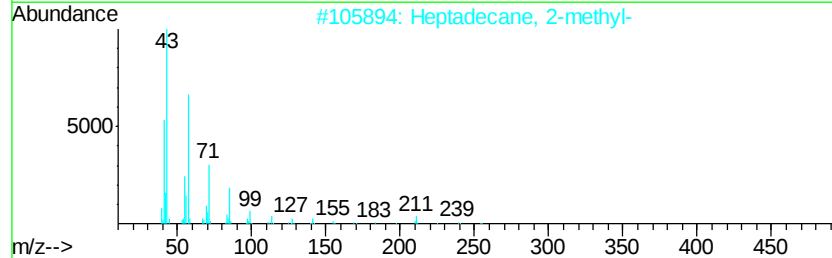
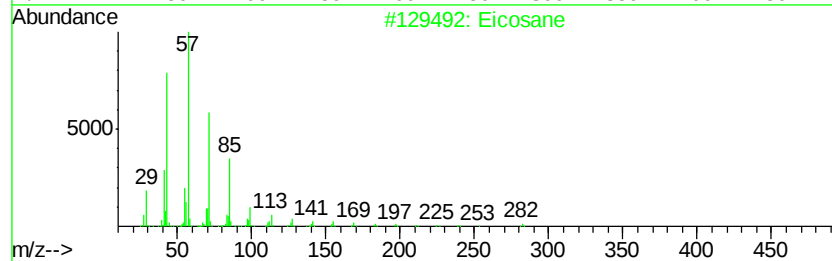
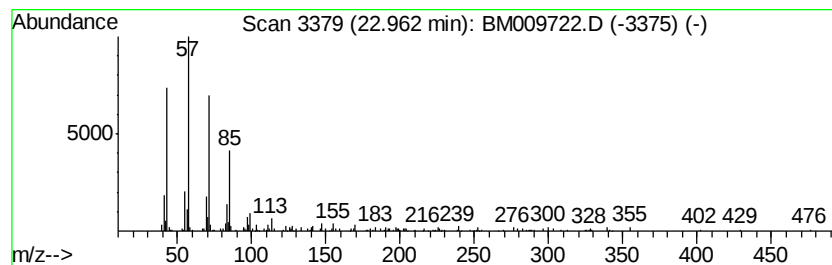
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.20 ng/ul	362126	Perylene-d12	23.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	91
3	Nonadecane		268	C19H40	000629-92-5	87
4	Nonadecane		268	C19H40	000629-92-5	87
5	Tetracosane		338	C24H50	000646-31-1	87



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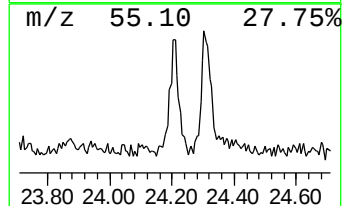
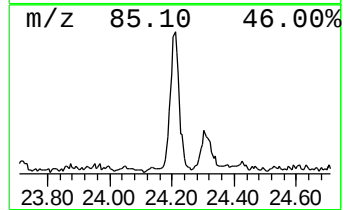
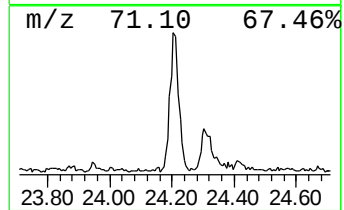
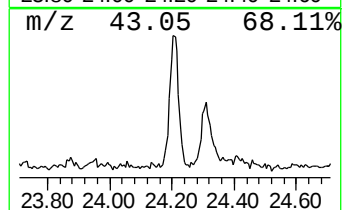
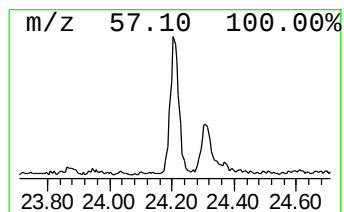
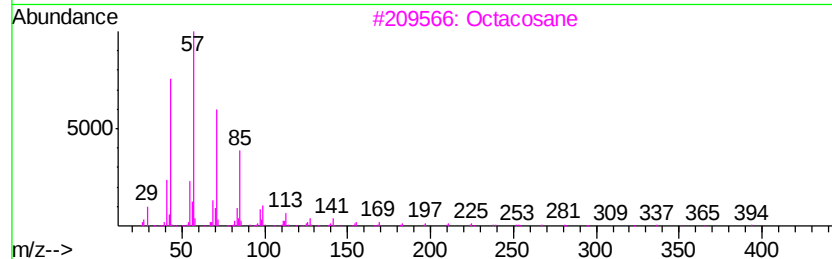
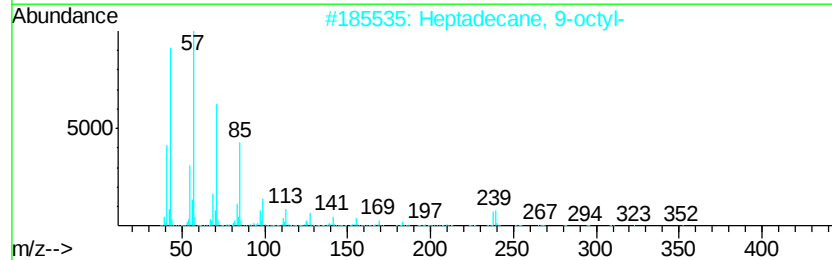
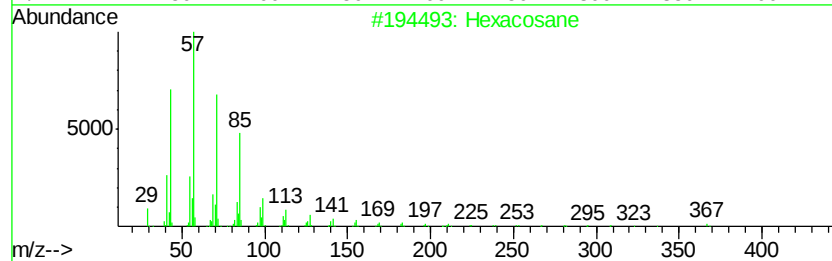
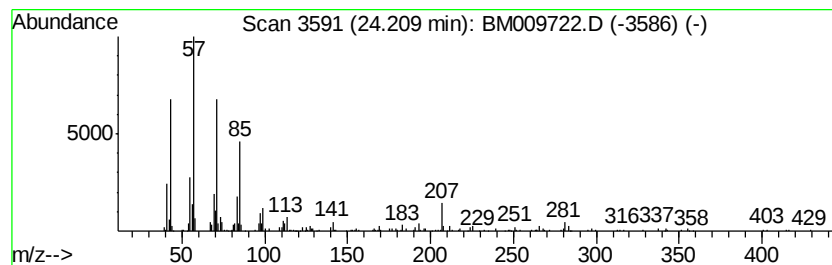
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	3.50 ng/ul	576547	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	83
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3		Octacosane	394	C28H58	000630-02-4	83
4		Tetracosane	338	C24H50	000646-31-1	80
5		Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
Data File : BM009722.D
Acq On : 26 Apr 2017 16:24
Operator : SJ/MA
Sample : I2836-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

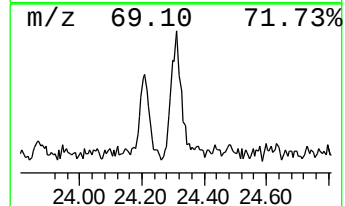
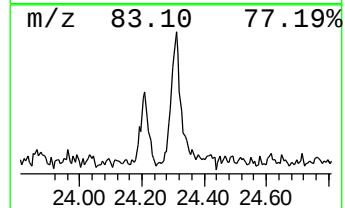
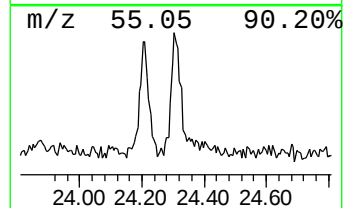
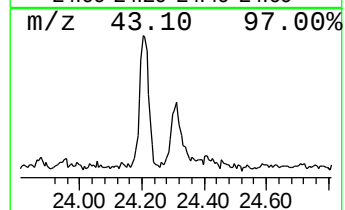
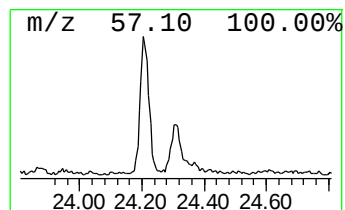
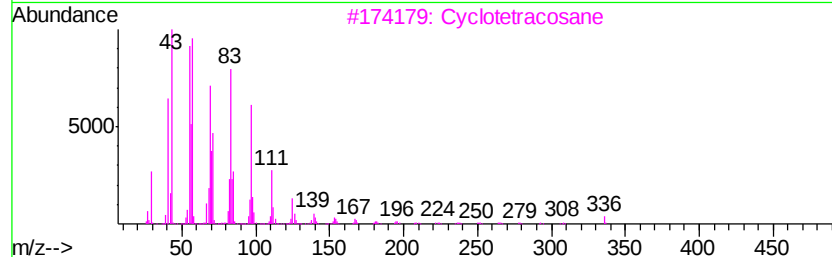
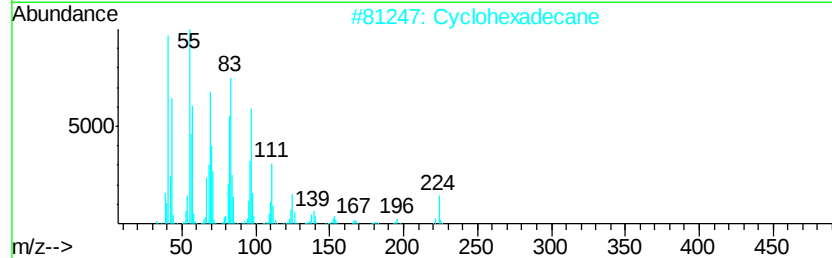
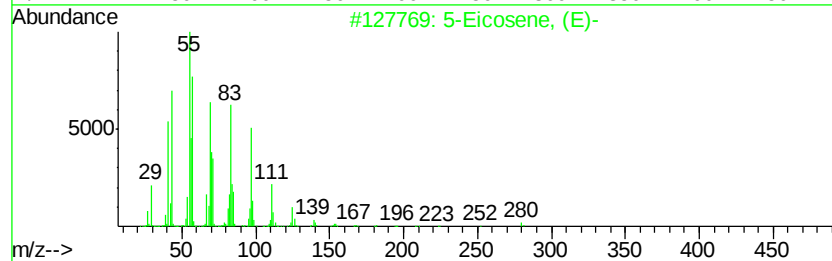
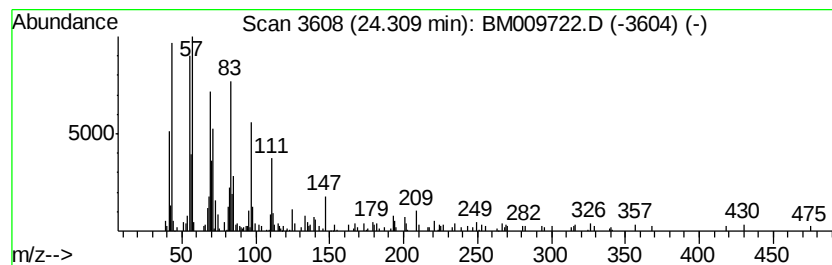
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic24.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.31	2.10 ng/ul	345566	Perylene-d12	23.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
2	Cyclohexadecane	224	C16H32	000295-65-8	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Cyclooctacosane	392	C28H56	000297-24-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
Data File : BM009722.D
Acq On : 26 Apr 2017 16:24
Operator : SJ/MA
Sample : I2836-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CEM-BF005-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA 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
n-Hexadecanoic acid	18.09	3.0	ng/ul	340310	4	17.22	2292070	20.0
Trichloroacetic a...	21.09	4.3	ng/ul	752887	5	21.40	3458800	20.0
9-Octadecenamide,...	22.45	4.9	ng/ul	843173	5	21.40	3458800	20.0
(DEL) Alkane: Str...	22.96	2.2	ng/ul	362126	6	23.72	3298830	20.0
(DEL) Alkane: Str...	24.21	3.5	ng/ul	576547	6	23.72	3298830	20.0
(DEL) Alkane: Cyc...	24.31	2.1	ng/ul	345566	6	23.72	3298830	20.0