

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007381.D
 Acq On : 02 Sep 2016 23:23
 Operator : UM/SJ
 Sample : H4639-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3C0

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\SOM02.2-EPA-BM082316.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	6.963	736	744	753	rBV	346272	609080	10.36%	1.147%
2	7.128	767	772	779	rBV	270023	422831	7.19%	0.796%
3	7.328	799	806	815	rBV	360847	597352	10.16%	1.124%
4	7.792	876	885	895	rBV	672434	1093260	18.59%	2.058%
5	8.492	992	1004	1016	rBV	433735	741852	12.61%	1.397%
6	8.945	1074	1081	1090	rBV	374746	641512	10.91%	1.208%
7	9.663	1194	1203	1212	rBV	312344	545588	9.28%	1.027%
8	10.198	1288	1294	1304	rBV	469688	848186	14.42%	1.597%
9	10.580	1349	1359	1366	rBV	1011391	1754195	29.83%	3.302%
10	13.833	1902	1912	1916	rBV	1143320	1630931	27.73%	3.070%
11	13.880	1916	1920	1929	rVB	502811	711075	12.09%	1.339%
12	14.115	1954	1960	1971	rVB	1185590	1781149	30.28%	3.353%
13	14.427	2005	2013	2021	rBV2	1721934	2711896	46.11%	5.105%
14	14.627	2041	2047	2063	rBV	387399	744517	12.66%	1.402%
15	15.168	2134	2139	2143	rBV	42650	59187	1.01%	0.111%
16	15.415	2175	2181	2188	rBV	1695912	2445295	41.58%	4.603%
17	15.539	2194	2202	2216	rBV	476777	707767	12.03%	1.332%
18	16.133	2298	2303	2312	rBV3	74151	155406	2.64%	0.293%
19	16.927	2429	2438	2456	rBV4	118590	304029	5.17%	0.572%
20	17.168	2472	2479	2484	rBV	2610446	3758053	63.90%	7.074%
21	17.209	2484	2486	2490	rVV	100704	117029	1.99%	0.220%
22	17.262	2490	2495	2504	rVB2	1896403	2838730	48.27%	5.344%
23	17.545	2538	2543	2556	rBV2	393283	650632	11.06%	1.225%
24	18.056	2624	2630	2640	rBV2	329778	594935	10.12%	1.120%
25	18.133	2640	2643	2650	rVB	42896	66613	1.13%	0.125%
26	18.927	2773	2778	2780	rBV4	41567	62836	1.07%	0.118%
27	19.221	2824	2828	2835	rVB	223515	321123	5.46%	0.605%
28	19.339	2843	2848	2858	rBV3	106987	179090	3.04%	0.337%
29	19.556	2879	2885	2899	rVB	2835968	4237463	72.05%	7.977%
30	20.592	3058	3061	3065	rBV3	66098	88076	1.50%	0.166%
31	20.827	3098	3101	3107	rBV	63110	91114	1.55%	0.172%
32	21.056	3136	3140	3147	rVB2	479458	678076	11.53%	1.276%
33	21.256	3171	3174	3178	rVB	228003	237190	4.03%	0.447%
34	21.344	3183	3189	3194	rBV	4316715	5881448	100.00%	11.072%

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Integration Parameters: LSCINT.P

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	21.491	3211	3214	3218	rBV	88755	103708	1.76%	0.195%
36	21.933	3286	3289	3291	rBV2	100289	134711	2.29%	0.254%
37	22.397	3365	3368	3372	rVB	170617	202243	3.44%	0.381%
38	22.627	3404	3407	3412	rVB2	189441	253524	4.31%	0.477%
39	22.909	3450	3455	3460	rBV2	415072	770836	13.11%	1.451%
40	22.956	3461	3463	3472	rVB4	246000	464493	7.90%	0.874%
41	23.468	3544	3550	3564	rVB2	2151780	4380229	74.48%	8.246%
42	23.615	3568	3575	3590	rVB	3010915	5766804	98.05%	10.856%
43	24.138	3657	3664	3671	rVB	574474	1147331	19.51%	2.160%
44	24.891	3786	3792	3800	rBV2	207491	454390	7.73%	0.855%
45	25.768	3936	3941	3950	rVB2	153345	370955	6.31%	0.698%
46	26.703	4092	4100	4109	rBV7	250916	764946	13.01%	1.440%

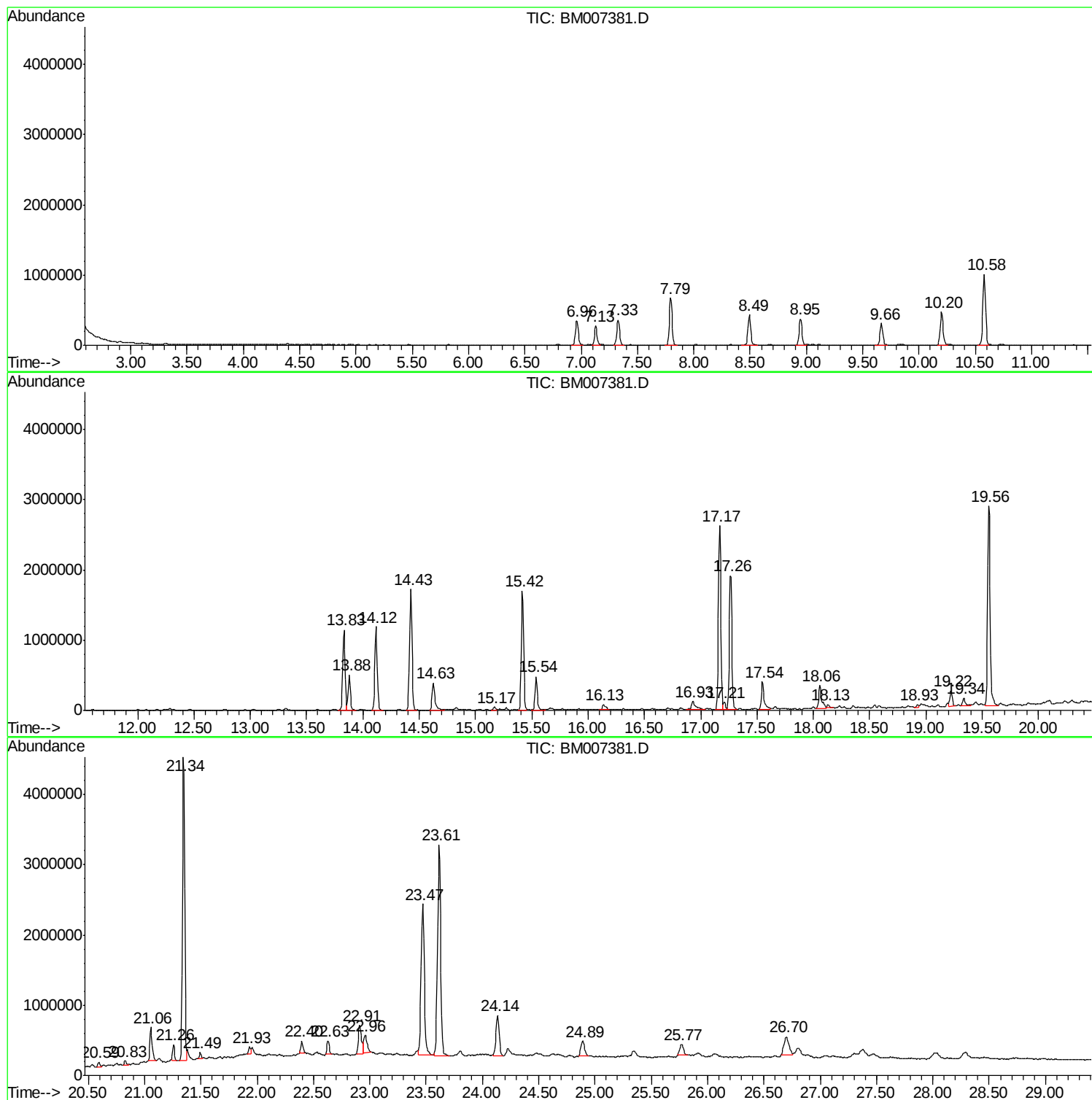
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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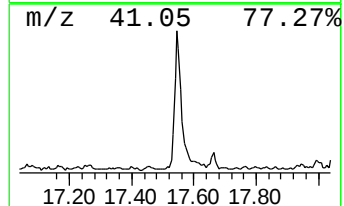
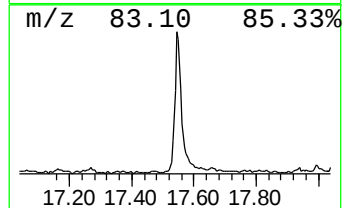
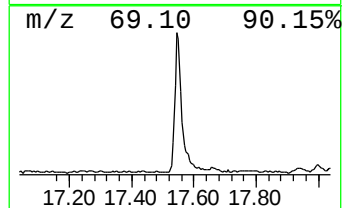
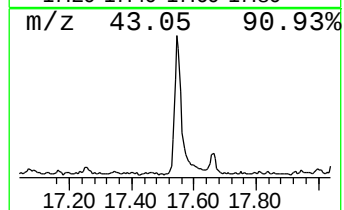
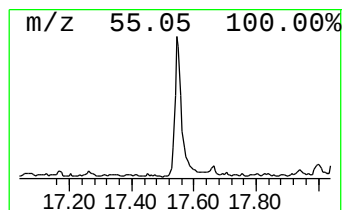
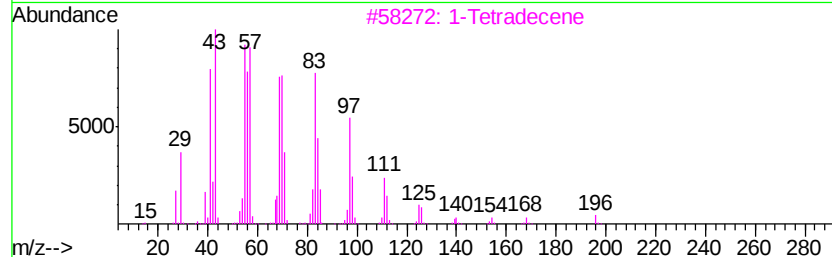
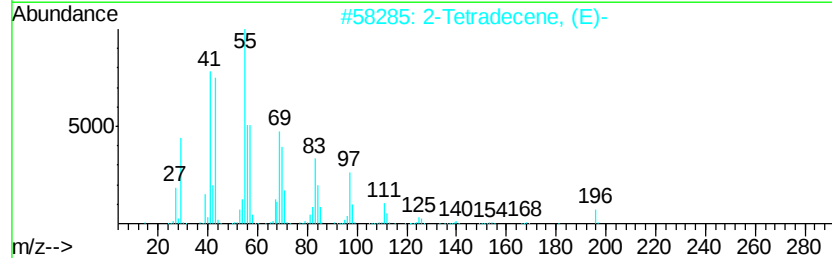
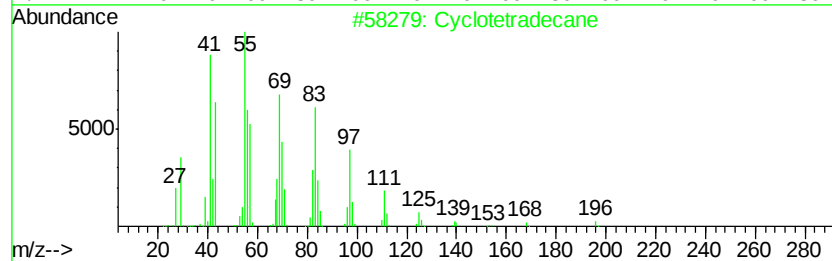
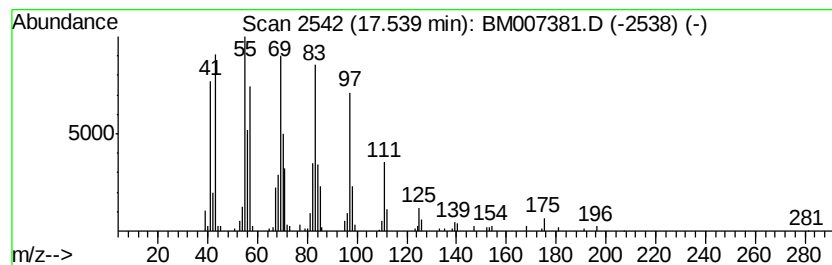
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.54	3.46 ng/ul	650632	Phenanthrene-d10		17.17
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	97
3	1-Tetradecene	196	C14H28	001120-36-1	95
4	Cyclotetradecane	196	C14H28	000295-17-0	94
5	1-Tetradecanol	214	C14H30O	000112-72-1	91



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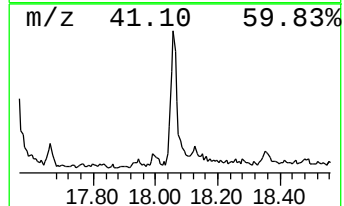
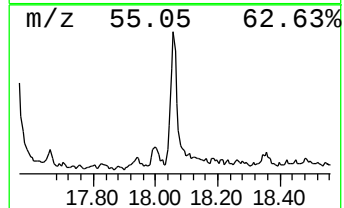
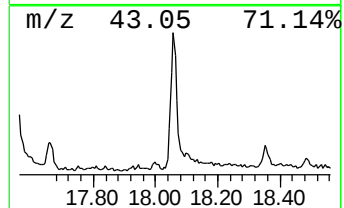
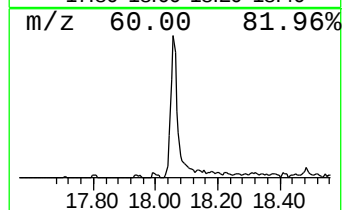
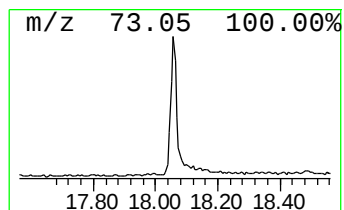
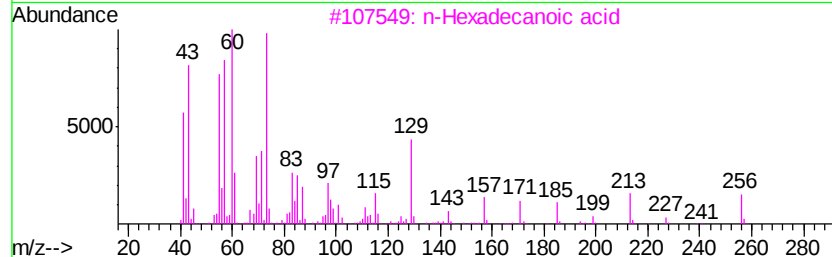
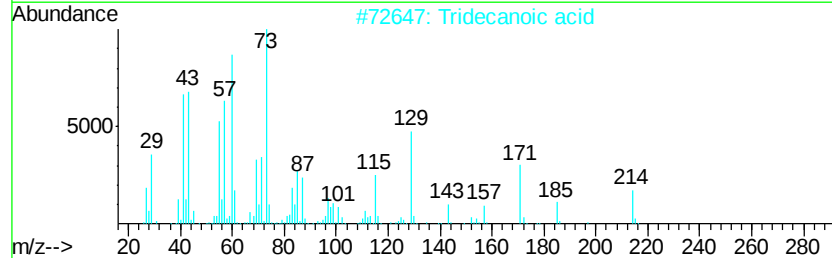
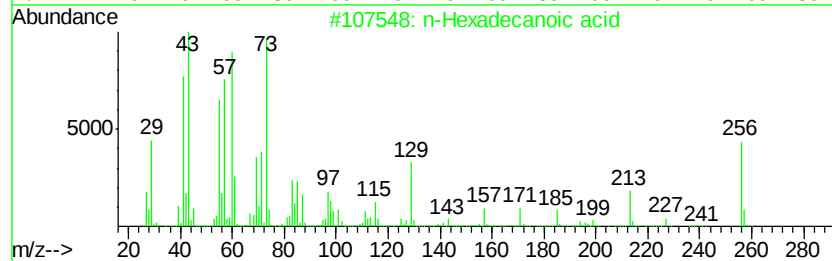
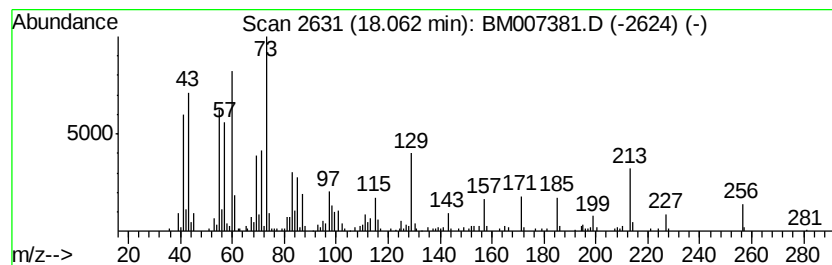
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.06	3.17 ng/ul	594935	Phenanthrene-d10		17.17	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93	



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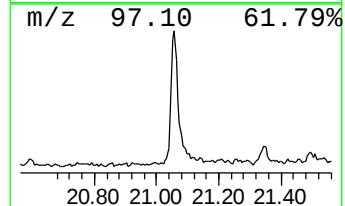
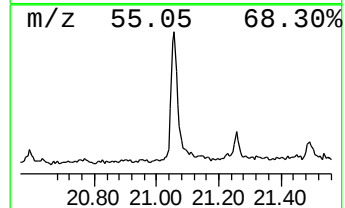
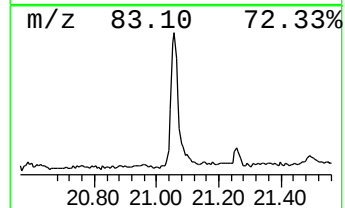
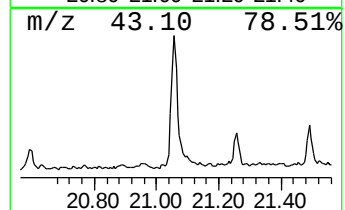
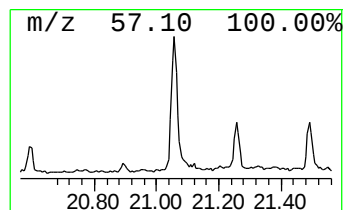
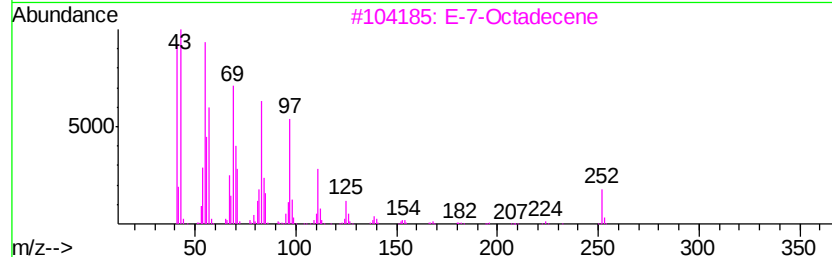
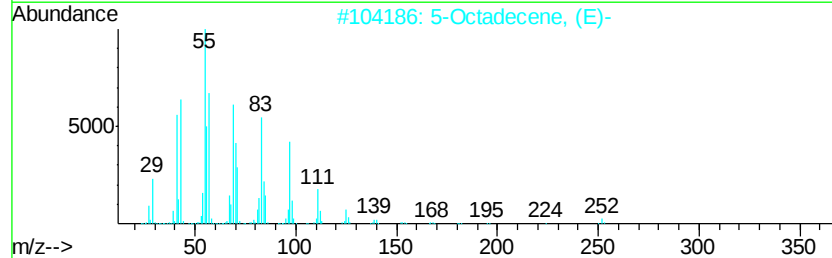
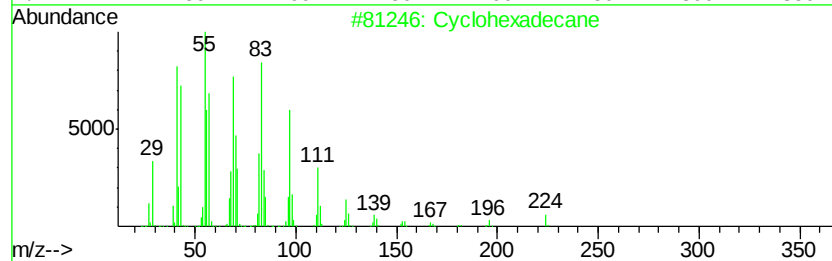
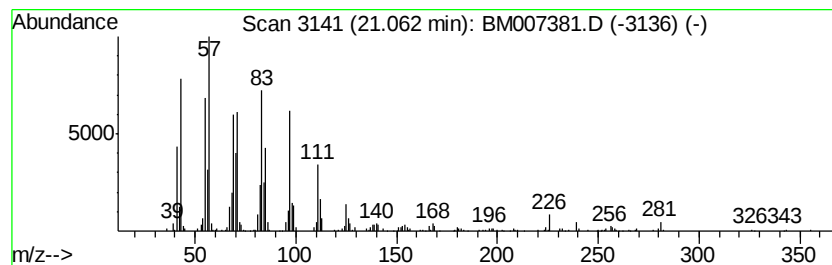
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.31 ng/ul	678076	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	96
2		5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3		E-7-Octadecene	252	C18H36	1000130-92-0	93
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	91



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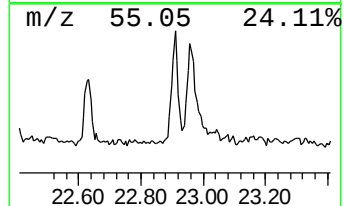
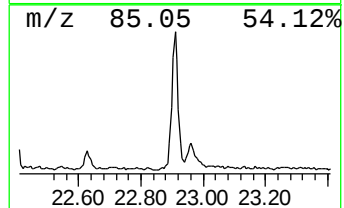
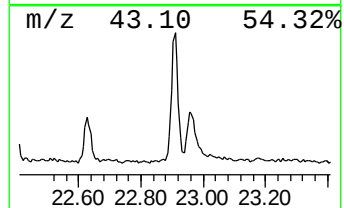
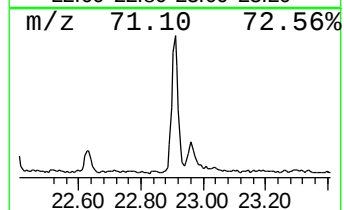
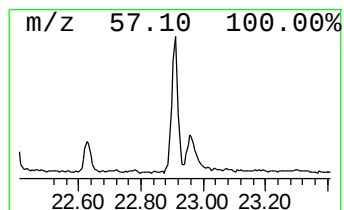
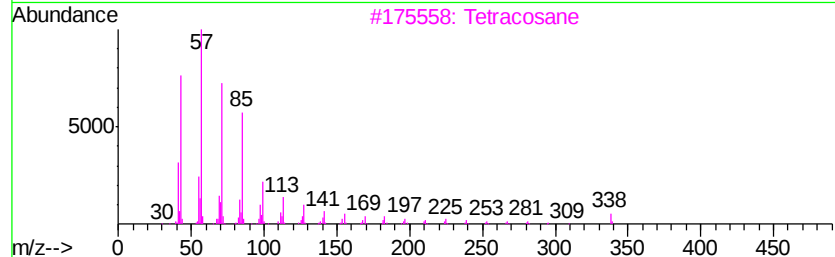
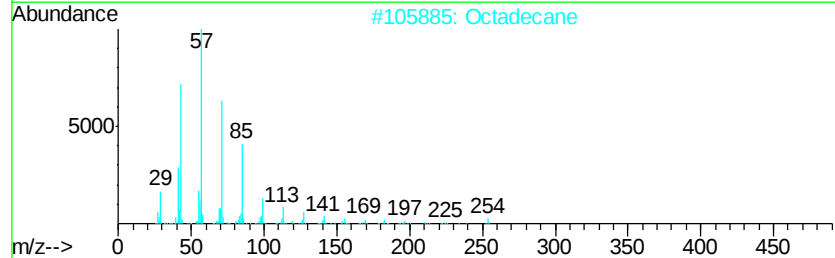
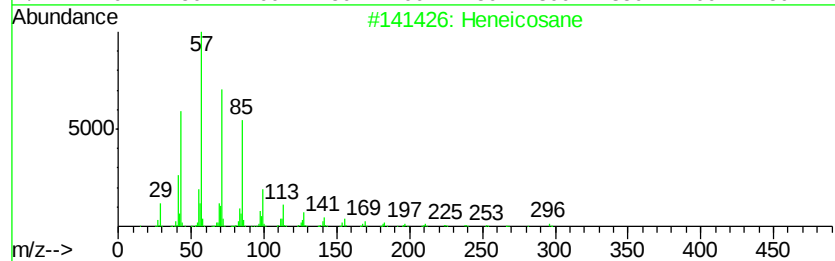
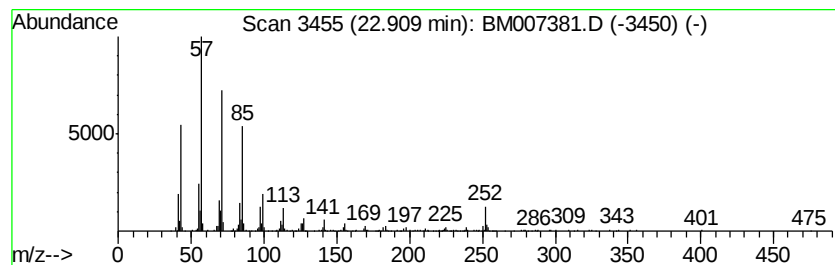
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	2.67 ng/ul	770836	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Octadecane	254	C18H38	000593-45-3	93
3		Tetracosane	338	C24H50	000646-31-1	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Octadecane	254	C18H38	000593-45-3	87



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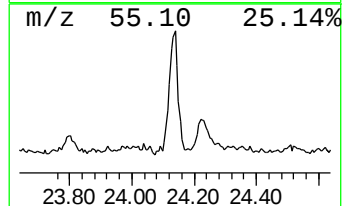
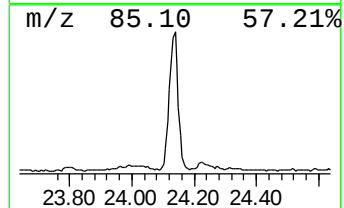
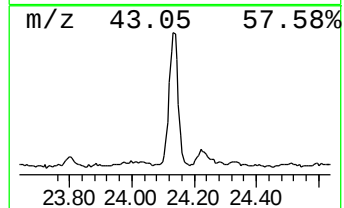
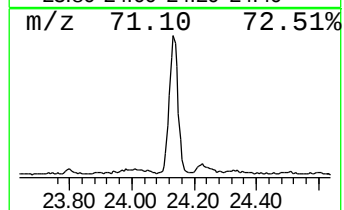
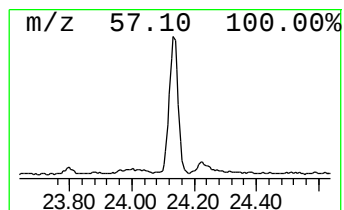
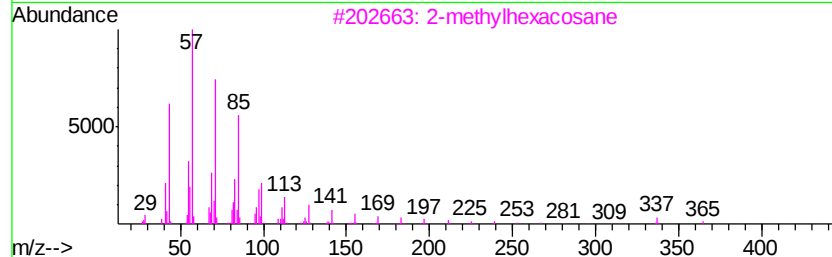
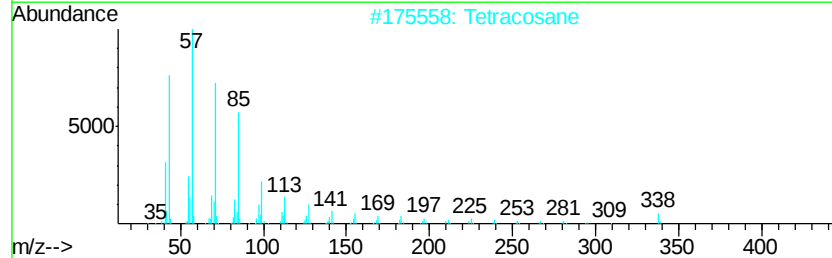
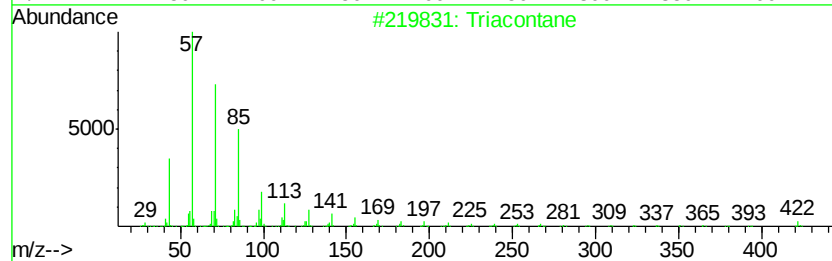
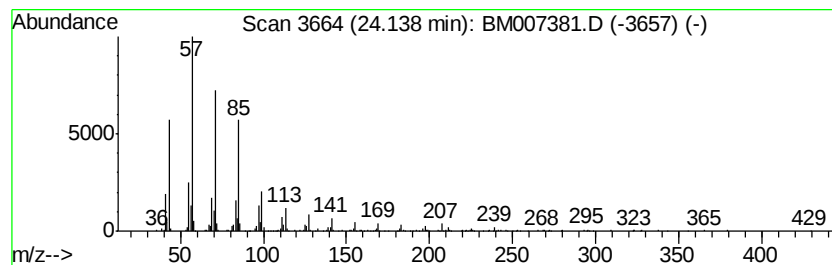
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	3.98 ng/ul	1147330	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-methylhexacosane	380	C27H56	1000376-72-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007381.D
Acq On : 02 Sep 2016 23:23
Operator : UM/SJ
Sample : H4639-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3C0

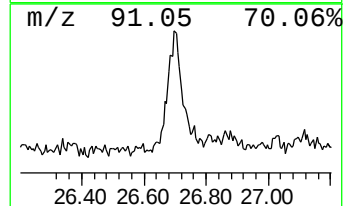
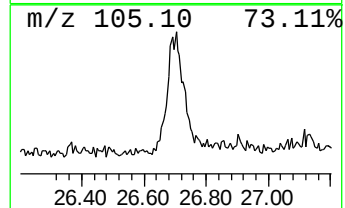
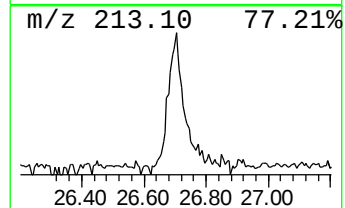
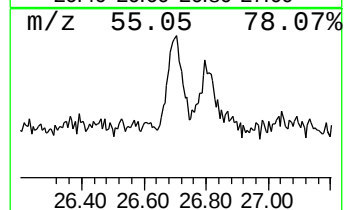
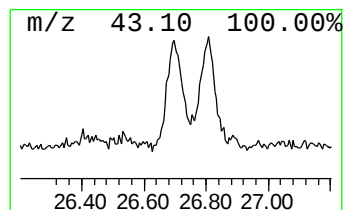
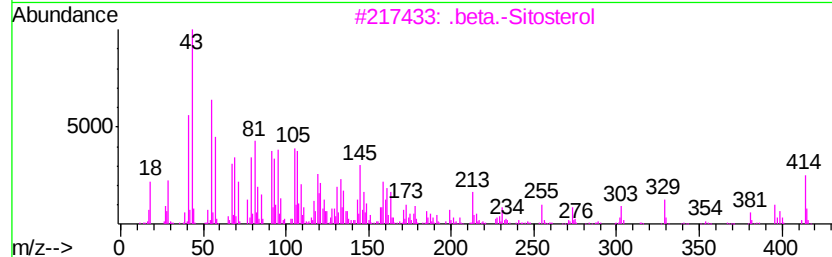
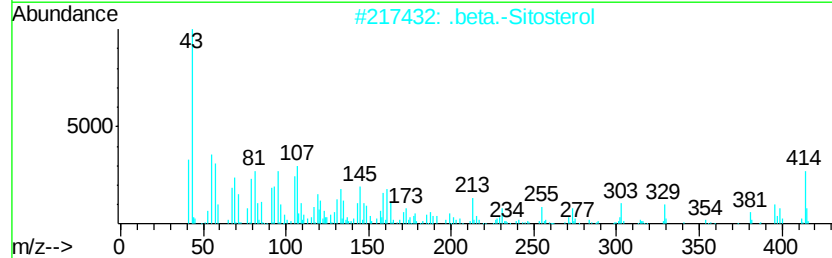
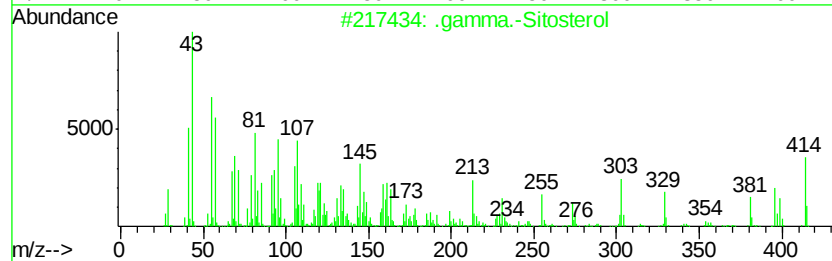
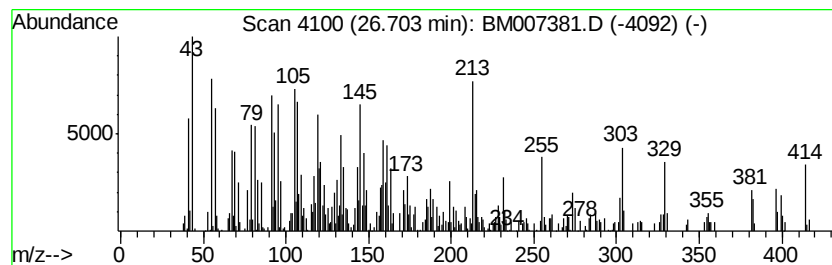
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 .gamma.-Sitosterol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.65 ng/ul	764946	Perylene-d12	23.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	95
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	60
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	42
4		1-Methyl-1-n-octyloxy-1-silacycl...	228	C13H28OSi	1000216-91-0	35
5		Tetracarbonyl-(diisopropylamino-...	325	C13H19FeN05	1000287-87-1	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007381.D
Acq On : 02 Sep 2016 23:23
Operator : UM/SJ
Sample : H4639-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD3C0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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
(DEL) Alkane: Cyc...	17.54	3.5	ng/ul	650632	4	17.17	3758050	20.0
n-Hexadecanoic acid	18.06	3.2	ng/ul	594935	4	17.17	3758050	20.0
(DEL) Alkane: Cyc...	21.06	2.3	ng/ul	678076	5	21.34	5881450	20.0
(DEL) Alkane: Str...	22.91	2.7	ng/ul	770836	6	23.61	5766800	20.0
(DEL) Alkane: Str...	24.14	4.0	ng/ul	1147330	6	23.61	5766800	20.0
.gamma.-Sitosterol	26.70	2.6	ng/ul	764946	6	23.61	5766800	20.0