

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007388.D
 Acq On : 03 Sep 2016 03:34
 Operator : UM/SJ
 Sample : H4655-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003

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	6.957	737	743	754	rBV	373591	632754	9.87%	0.970%
2	7.128	763	772	781	rBV	294324	471133	7.35%	0.722%
3	7.328	800	806	816	rVB	388543	636436	9.92%	0.976%
4	7.793	878	885	893	rBV	705554	1132053	17.65%	1.736%
5	8.493	995	1004	1015	rBV	480096	800052	12.47%	1.227%
6	8.946	1074	1081	1091	rBV	403607	678703	10.58%	1.041%
7	9.663	1197	1203	1211	rBV	342909	592446	9.24%	0.908%
8	10.198	1287	1294	1311	rBV	512934	922828	14.39%	1.415%
9	10.575	1351	1358	1367	rBV	1044951	1833387	28.58%	2.811%
10	10.716	1374	1382	1393	rBV	341657	643267	10.03%	0.986%
11	13.833	1906	1912	1916	rBV	1219966	1724629	26.89%	2.644%
12	13.881	1916	1920	1928	rVB	529133	733836	11.44%	1.125%
13	14.116	1954	1960	1972	rVB	1297487	1933088	30.14%	2.964%
14	14.428	2005	2013	2021	rBV2	1832204	2909775	45.37%	4.461%
15	14.622	2040	2046	2050	rBV	461152	750216	11.70%	1.150%
16	14.675	2050	2055	2070	rVB	1298857	2113498	32.95%	3.240%
17	15.416	2172	2181	2191	rBV	1841645	2696077	42.03%	4.134%
18	15.539	2197	2202	2208	rBV	536937	768763	11.99%	1.179%
19	15.657	2216	2222	2231	rBV6	29079	64576	1.01%	0.099%
20	16.057	2284	2290	2299	rBV4	40478	75870	1.18%	0.116%
21	16.133	2299	2303	2306	rBV	69611	89320	1.39%	0.137%
22	17.063	2456	2461	2468	rBV4	64791	110041	1.72%	0.169%
23	17.169	2473	2479	2488	rVV	2889342	4098910	63.90%	6.284%
24	17.263	2489	2495	2502	rVB2	2117409	3118350	48.62%	4.781%
25	17.939	2603	2610	2615	rBV5	33025	68951	1.07%	0.106%
26	17.998	2615	2620	2626	rVV2	91694	150845	2.35%	0.231%
27	18.057	2626	2630	2639	rVV	377288	552442	8.61%	0.847%
28	19.192	2819	2823	2825	rBV	50593	66326	1.03%	0.102%
29	19.557	2879	2885	2898	rBV	3008555	4289322	66.87%	6.576%
30	21.057	3135	3140	3150	rBV2	494825	779826	12.16%	1.196%
31	21.257	3171	3174	3178	rBV	134473	145630	2.27%	0.223%
32	21.345	3184	3189	3204	rVB	4863181	6414127	100.00%	9.834%
33	21.515	3212	3218	3222	rVB3	85829	142386	2.22%	0.218%
34	21.568	3223	3227	3231	rVB	133279	151828	2.37%	0.233%

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35	21.933	3285	3289	3290	rBV	94302	112366	1.75%	0.172%
36	22.398	3365	3368	3372	rVB2	77628	101770	1.59%	0.156%
37	22.527	3386	3390	3395	rVB	224249	299188	4.66%	0.459%
38	22.633	3404	3408	3417	rVB4	128418	213103	3.32%	0.327%
39	22.909	3450	3455	3459	rBV	336679	502307	7.83%	0.770%
40	22.956	3459	3463	3471	rVB	272447	487933	7.61%	0.748%
41	23.468	3543	3550	3562	rVB2	2438565	4858909	75.75%	7.449%
42	23.615	3567	3575	3586	rVB	3199347	6304848	98.30%	9.666%
43	24.133	3657	3663	3672	rVB	615229	1236268	19.27%	1.895%
44	24.227	3674	3679	3691	rVV4	170974	414284	6.46%	0.635%
45	24.892	3786	3792	3801	rBV2	217811	555983	8.67%	0.852%
46	25.768	3935	3941	3947	rBV	300622	743601	11.59%	1.140%
47	26.109	3986	3999	4015	rVB2	1727029	5460084	85.13%	8.371%
48	26.691	4091	4098	4112	rVB4	552056	1642613	25.61%	2.518%

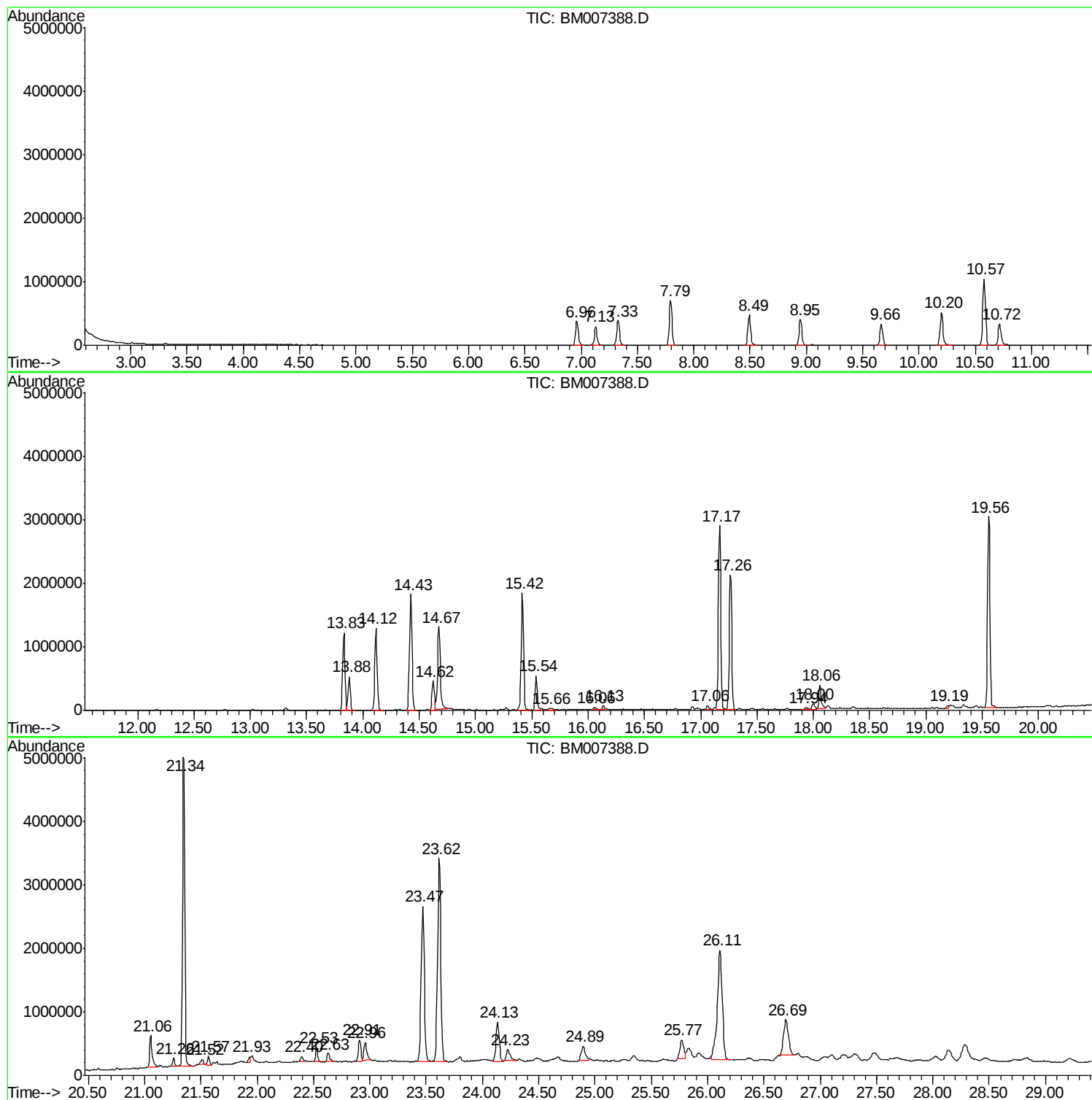
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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



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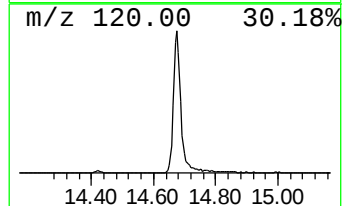
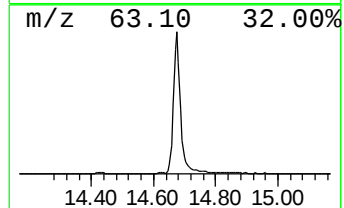
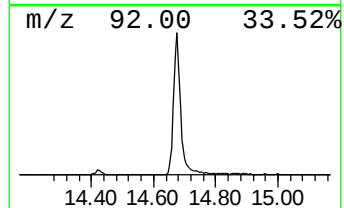
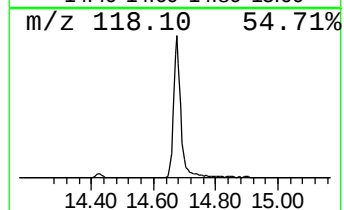
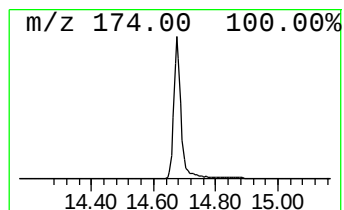
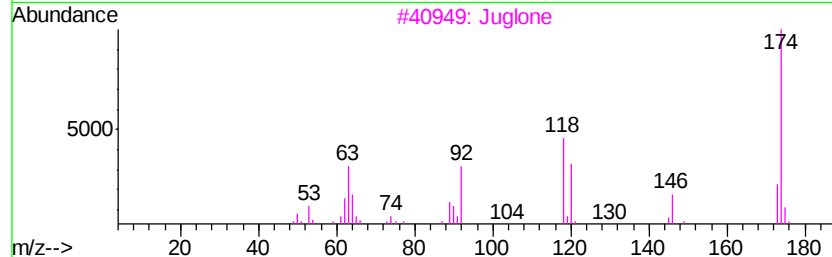
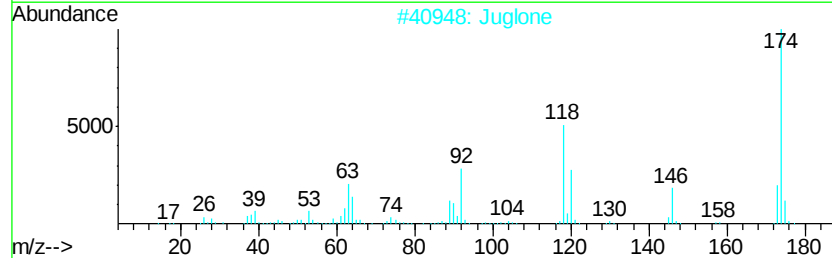
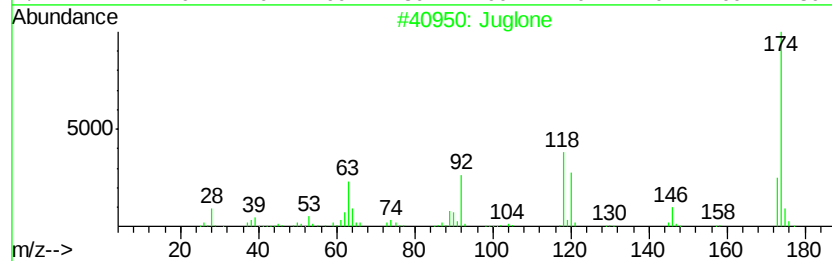
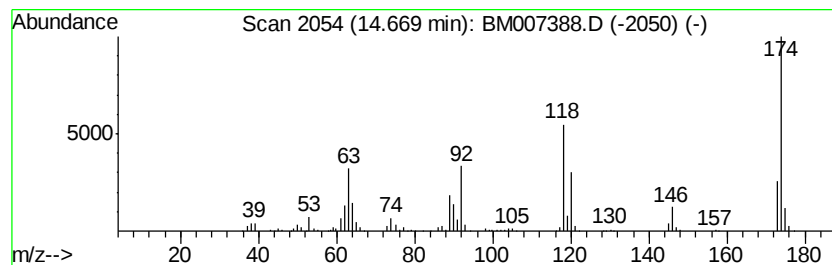
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	14.53 ng/ul	2113500	Acenaphthene-d10	14.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone	174 C10H6O3	000481-39-0	94
2	Juglone	174 C10H6O3	000481-39-0	94
3	Juglone	174 C10H6O3	000481-39-0	90
4	1-Methyl-5-(4-methylphenyl)tetra...	174 C9H10N4	068826-33-5	49
5	8-Quinolinol, 5-nitroso-	174 C9H6N2O2	003565-26-2	43



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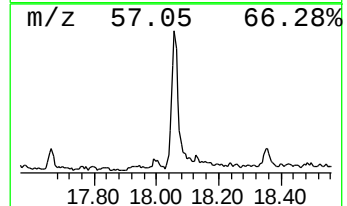
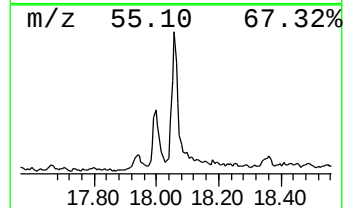
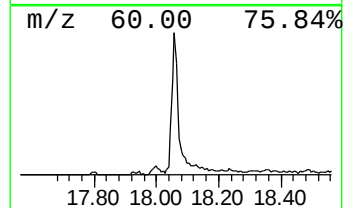
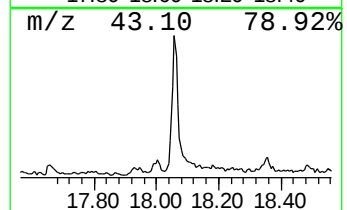
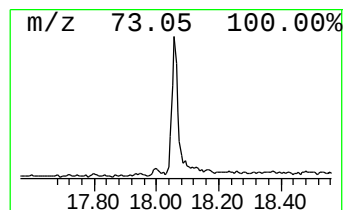
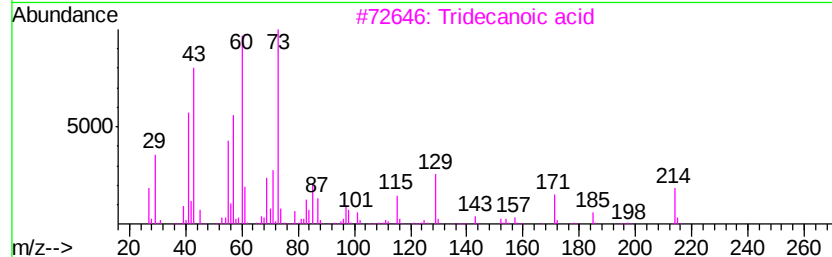
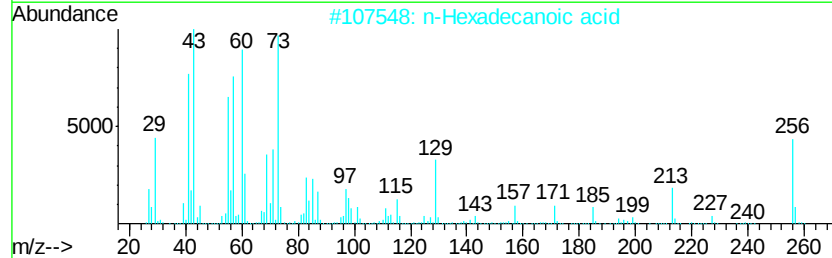
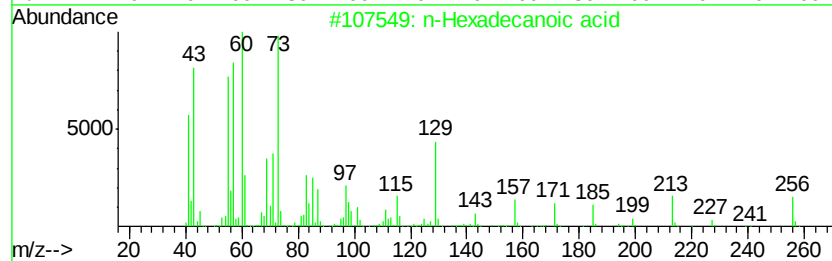
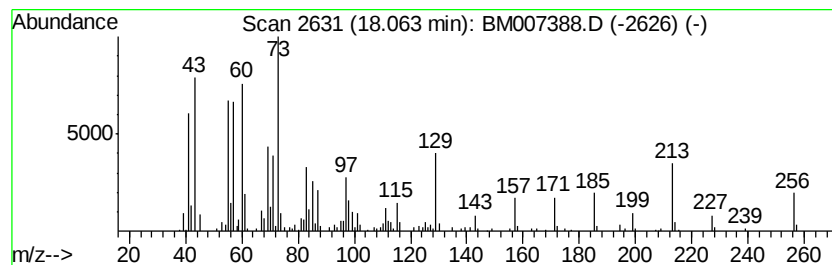
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	2.70 ng/ul	552442	Phenanthrene-d10	17.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	



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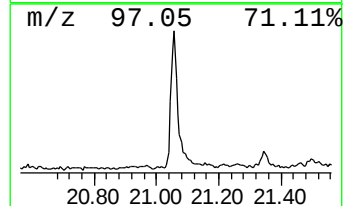
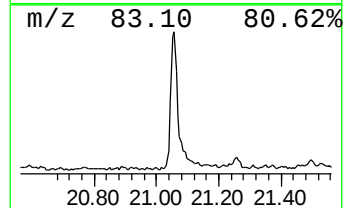
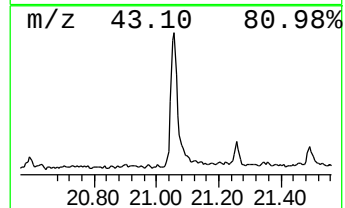
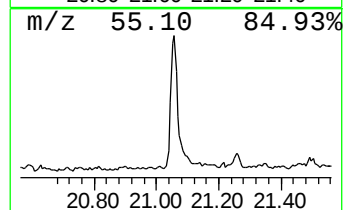
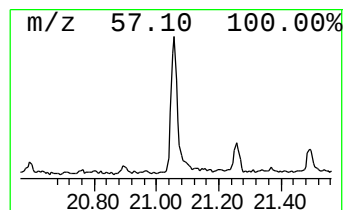
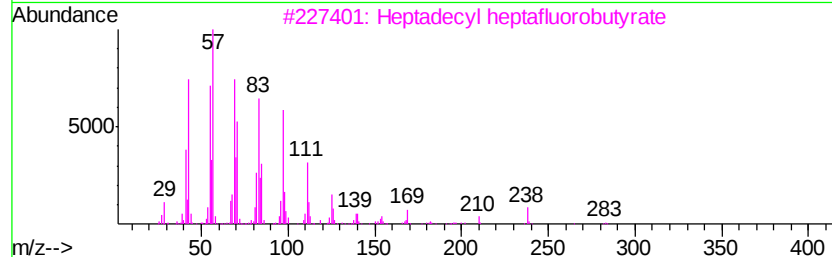
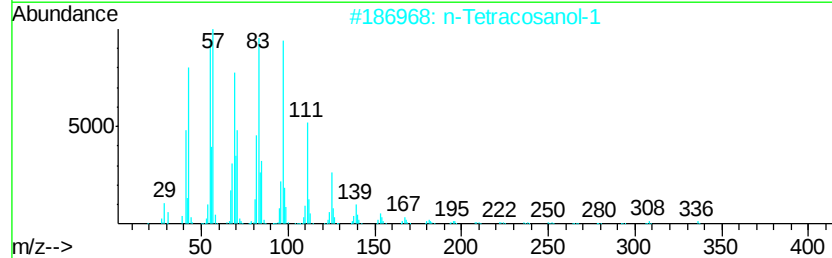
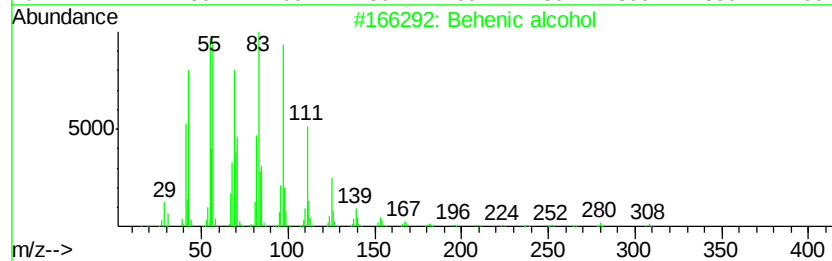
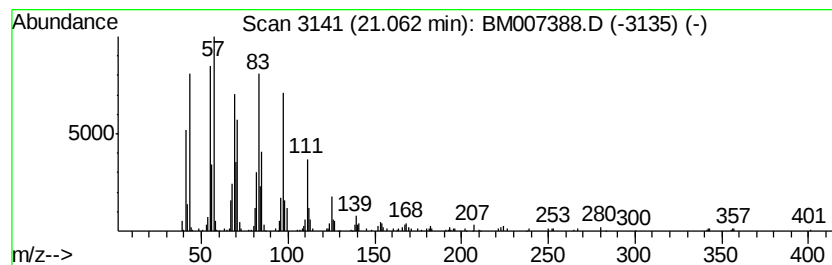
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Peak Number 3 Behenic alcohol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.43 ng/ul	779826	Chrysene-d12	21.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 93
2		n-Tetracosanol-1	354 C24H50O	000506-51-4 93
3		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 93
4		Nonadecyl trifluoroacetate	380 C21H39F3O2	1000351-76-3 91
5		Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6 91



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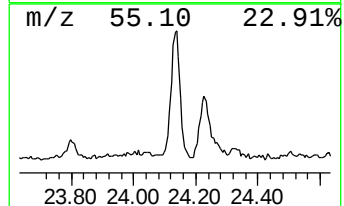
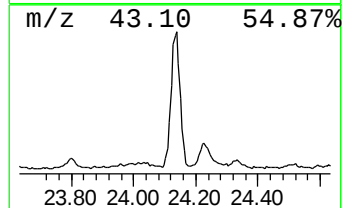
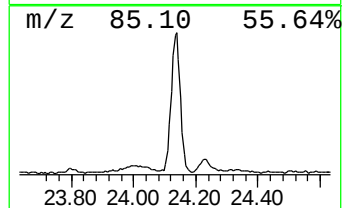
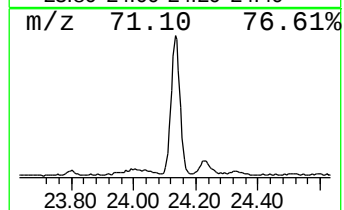
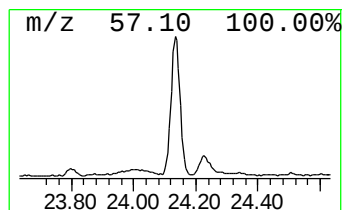
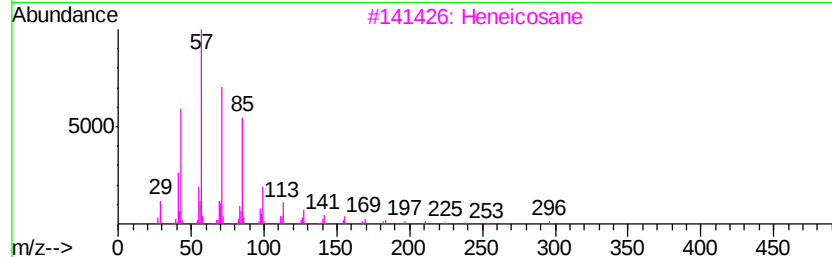
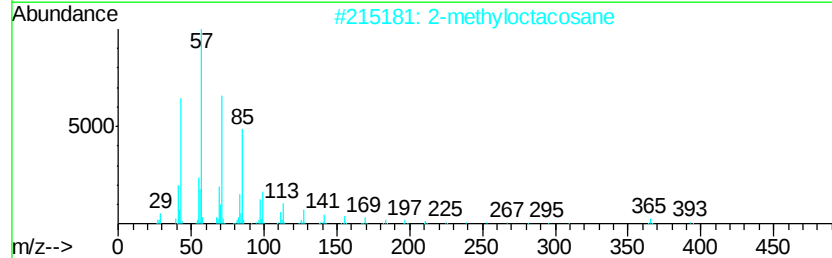
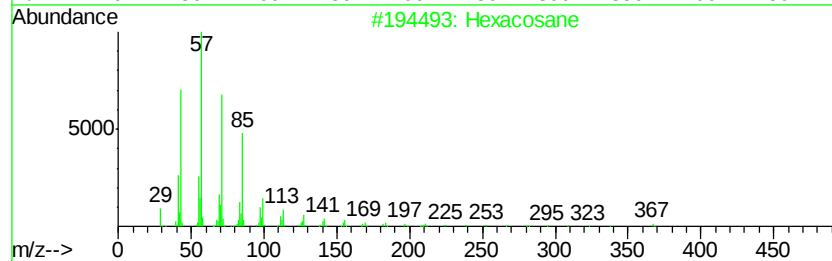
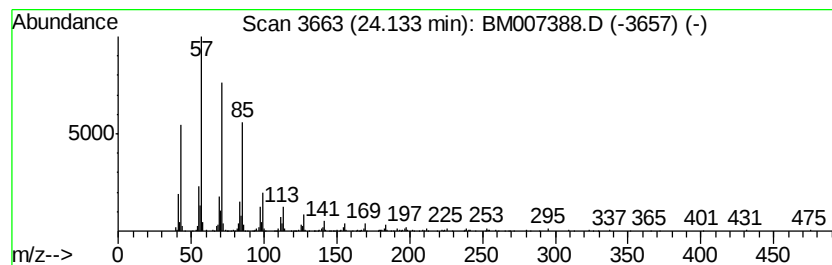
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	3.92 ng/ul	1236270	Perylene-d12	23.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octacosane	394	C28H58	000630-02-4	90



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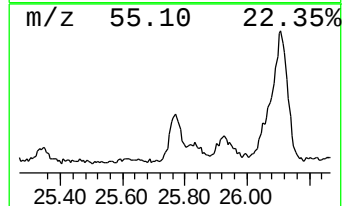
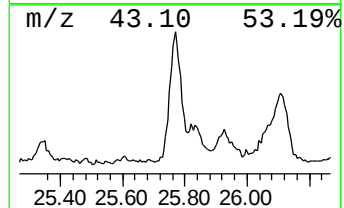
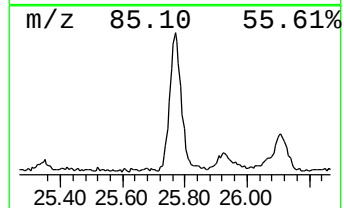
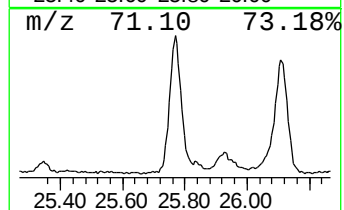
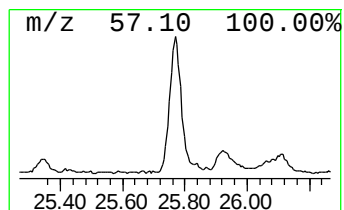
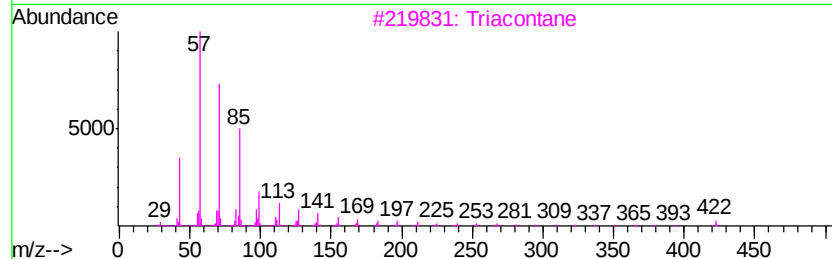
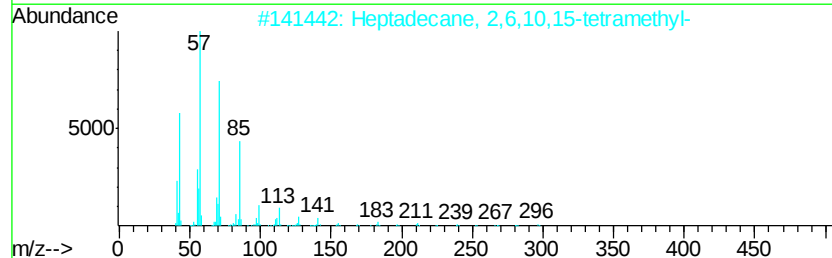
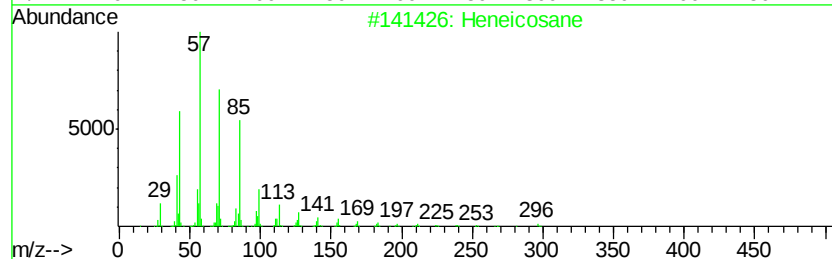
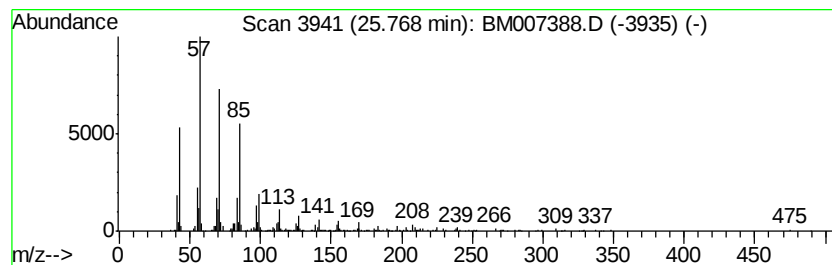
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	2.36 ng/ul	743601	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Triacontane	422	C30H62	000638-68-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007388.D
Acq On : 03 Sep 2016 03:34
Operator : UM/SJ
Sample : H4655-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0003

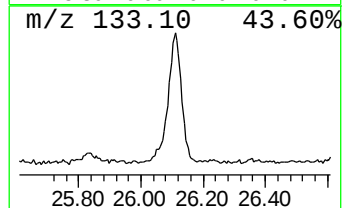
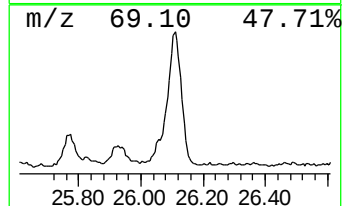
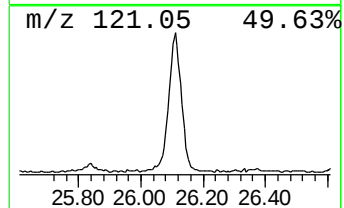
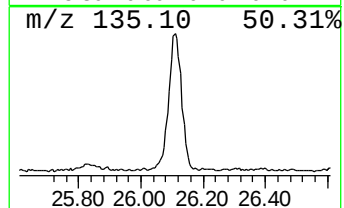
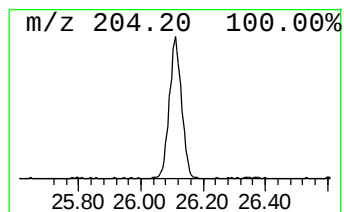
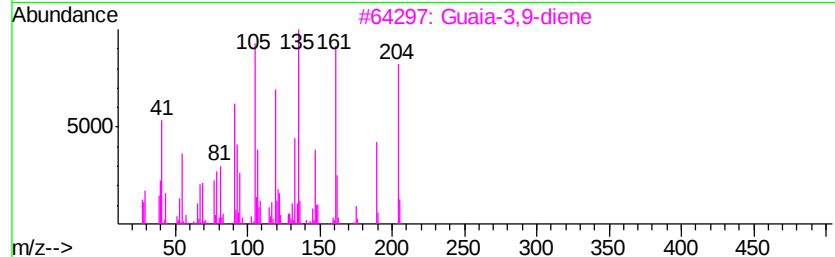
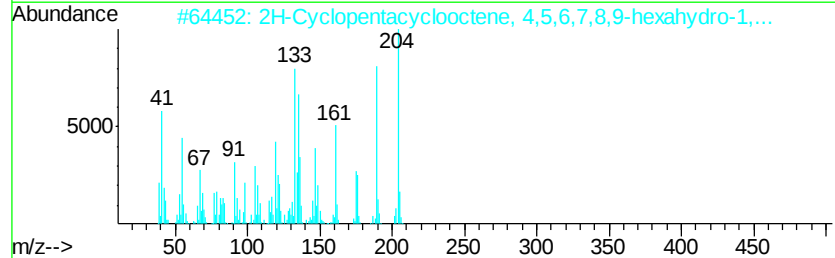
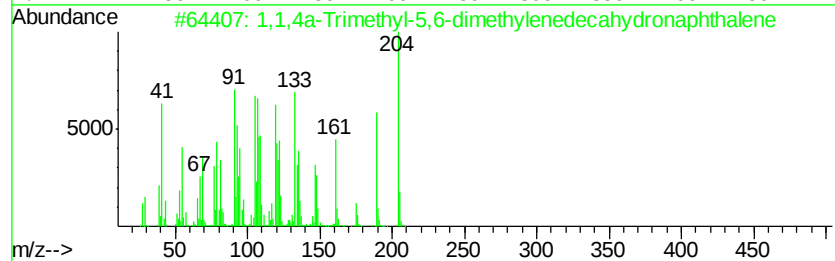
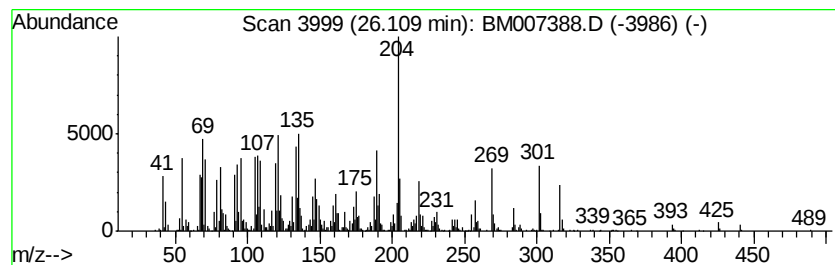
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.11	17.32 ng/ul	5460080	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
2		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	55
3		Guaia-3,9-diene	204	C15H24	000489-83-8	52
4		2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	43
5		1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007388.D
Acq On : 03 Sep 2016 03:34
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Sample : H4655-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

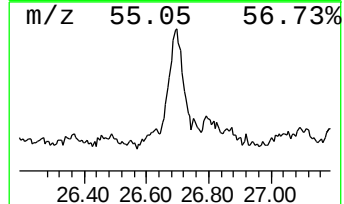
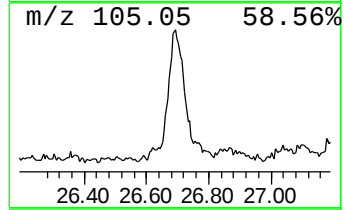
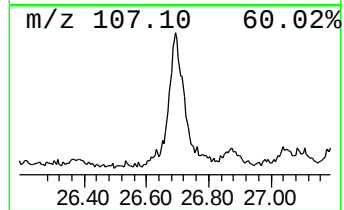
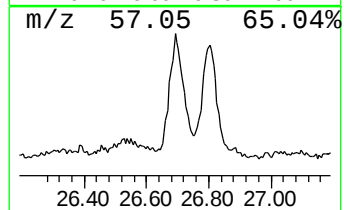
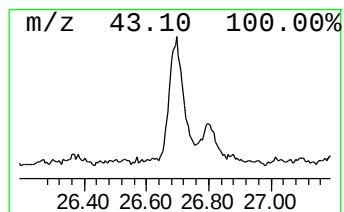
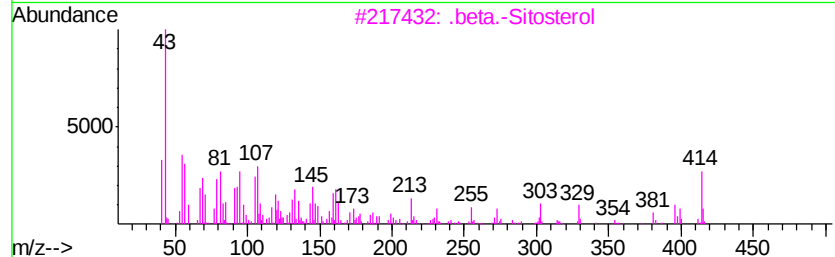
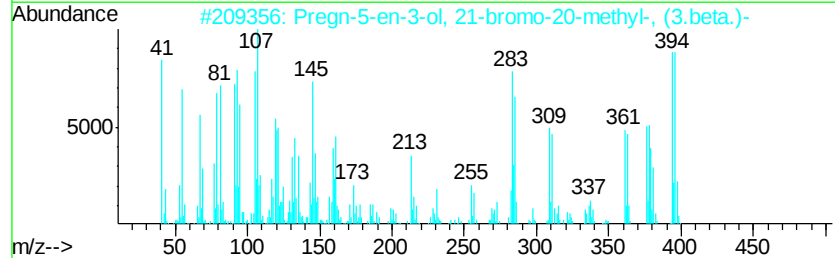
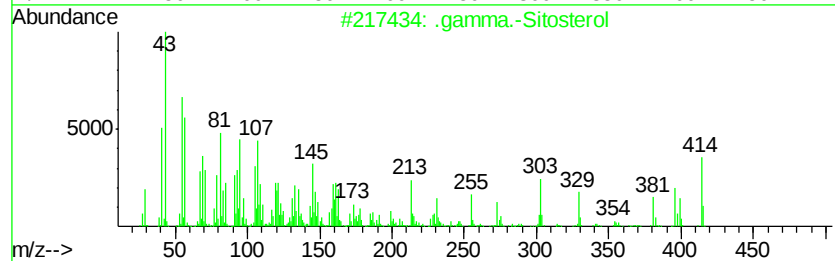
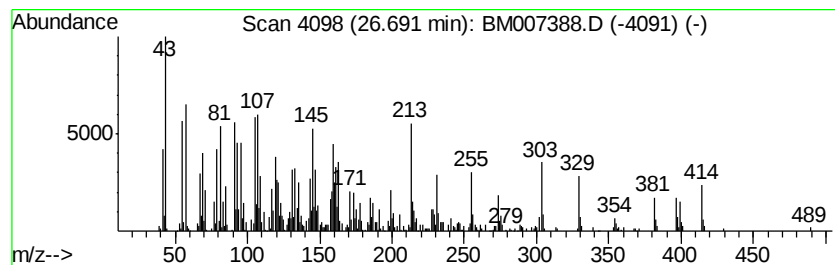
Instrument :
BNA_M
ClientSampleId :
C0003

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 7 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	5.21 ng/ul	1642610	Perylene-d12	23.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		Pregn-5-en-3-ol, 21-bromo-20-met...	394 C22H35BrO	055103-80-5 91
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 68
4		.beta.-Sitosterol	414 C29H50O	000083-46-5 50
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007388.D
Acq On : 03 Sep 2016 03:34
Operator : UM/SJ
Sample : H4655-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0003

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
Juglone	14.67	14.5	ng/ul	2113500	3	14.42	2909780	20.0
n-Hexadecanoic acid	18.06	2.7	ng/ul	552442	4	17.17	4098910	20.0
Behenic alcohol	21.06	2.4	ng/ul	779826	5	21.35	6414130	20.0
(DEL) Alkane: Str...	24.13	3.9	ng/ul	1236270	6	23.62	6304850	20.0
(DEL) Alkane: Str...	25.77	2.4	ng/ul	743601	6	23.62	6304850	20.0
1,1,4a-Trimethyl-...	26.11	17.3	ng/ul	5460080	6	23.62	6304850	20.0
.gamma.-Sitosterol	26.69	5.2	ng/ul	1642610	6	23.62	6304850	20.0