

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
 Data File : BM009783.D
 Acq On : 28 Apr 2017 16:51
 Operator : SJ/MA
 Sample : I2845-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSR2

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	6.981	656	662	674	rBV	413562	710426	4.42%	1.504%
2	7.157	684	692	700	rVB	298375	472113	2.94%	0.999%
3	7.351	718	725	732	rVB	385296	619111	3.85%	1.310%
4	7.822	799	805	813	rBV	494695	798673	4.97%	1.690%
5	8.522	918	924	935	rBV	513675	826333	5.14%	1.749%
6	8.986	995	1003	1012	rBV2	396592	661257	4.11%	1.399%
7	9.704	1117	1125	1132	rBV2	317671	531692	3.31%	1.125%
8	10.233	1209	1215	1225	rBV	482897	834502	5.19%	1.766%
9	10.616	1272	1280	1287	rBV	728773	1208816	7.52%	2.558%
10	10.763	1298	1305	1312	rBV	432367	755219	4.70%	1.598%
11	12.798	1643	1651	1659	rBV	211649	337139	2.10%	0.714%
12	13.051	1688	1694	1702	rBV	316655	453193	2.82%	0.959%
13	13.874	1827	1834	1838	rBV	894584	1218538	7.58%	2.579%
14	13.921	1838	1842	1847	rVB2	152885	222648	1.38%	0.471%
15	14.157	1875	1882	1893	rVB	922327	1363311	8.48%	2.885%
16	14.468	1928	1935	1942	rVB2	1063759	1627378	10.12%	3.444%
17	14.674	1961	1970	1982	rBV	390308	690483	4.29%	1.461%
18	15.462	2097	2104	2112	rBV	1257516	1821823	11.33%	3.856%
19	15.592	2119	2126	2132	rBV	386607	564786	3.51%	1.195%
20	17.215	2396	2402	2410	rBV	1480797	2045952	12.72%	4.330%
21	17.315	2413	2419	2426	rVV	1464814	2023022	12.58%	4.281%
22	18.092	2543	2551	2557	rBV3	186589	259036	1.61%	0.548%
23	18.174	2559	2565	2573	rVB	12984625	16081624	100.00%	34.034%
24	19.609	2803	2809	2815	rBV	1838761	2421418	15.06%	5.125%
25	20.527	2961	2965	2969	rVB	205056	229746	1.43%	0.486%
26	21.086	3056	3060	3067	rBV2	278251	354541	2.20%	0.750%
27	21.397	3108	3113	3121	rBV	2016230	2535024	15.76%	5.365%
28	21.991	3210	3214	3220	rVB	610390	804586	5.00%	1.703%
29	22.109	3230	3234	3239	rVB	443223	565083	3.51%	1.196%
30	22.956	3374	3378	3382	rVB2	155588	220765	1.37%	0.467%
31	23.562	3473	3481	3491	rVB	947113	2063997	12.83%	4.368%
32	23.709	3499	3506	3517	rVB	985405	1928954	11.99%	4.082%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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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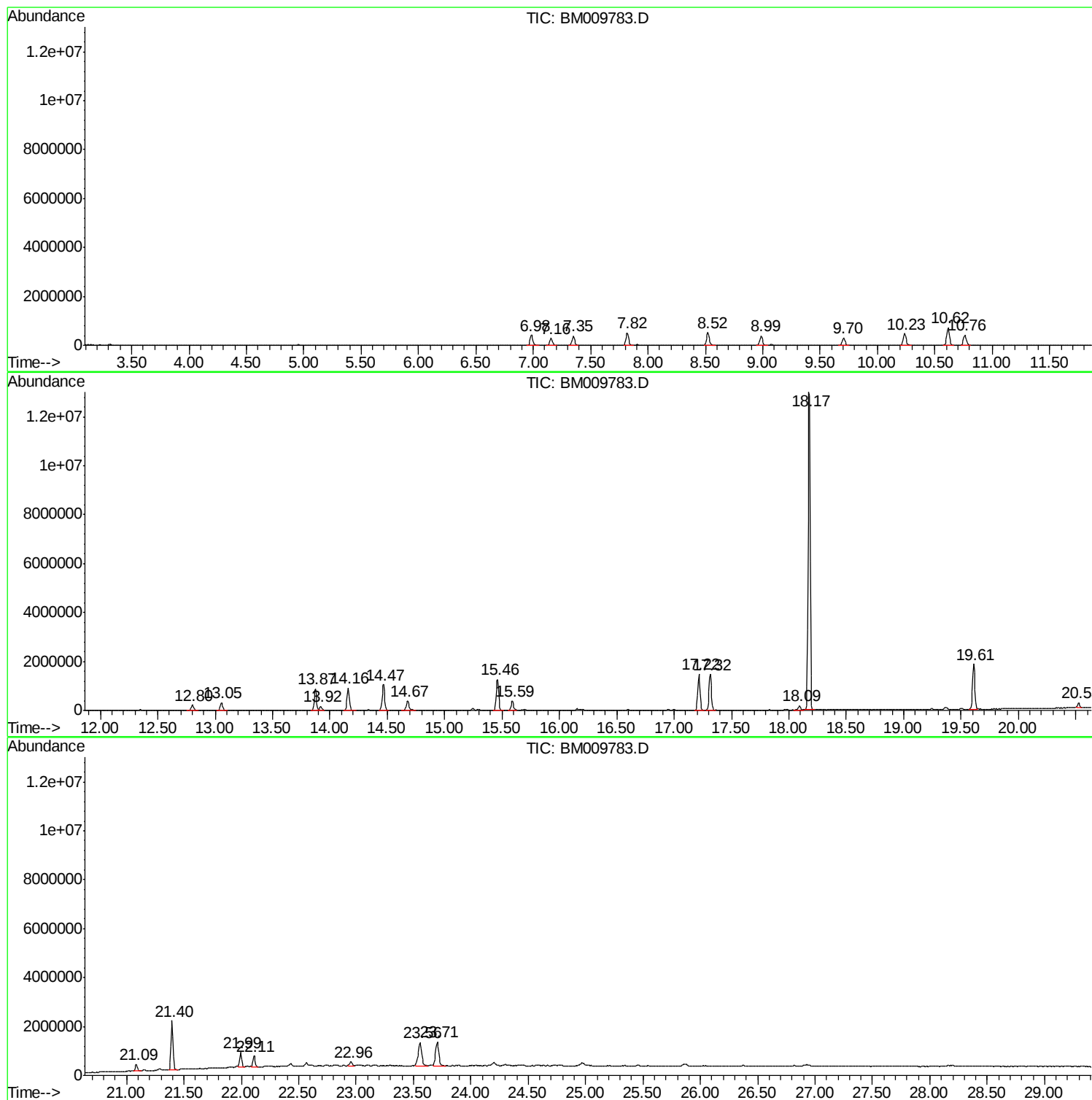
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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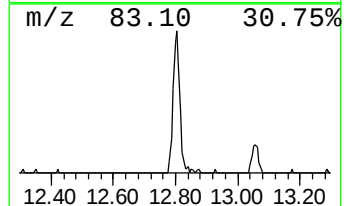
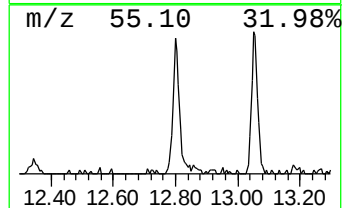
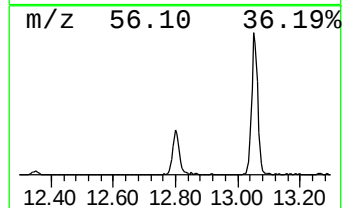
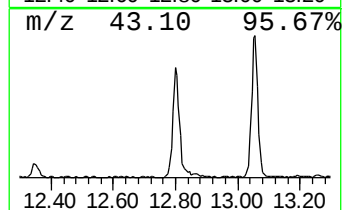
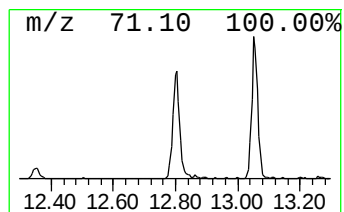
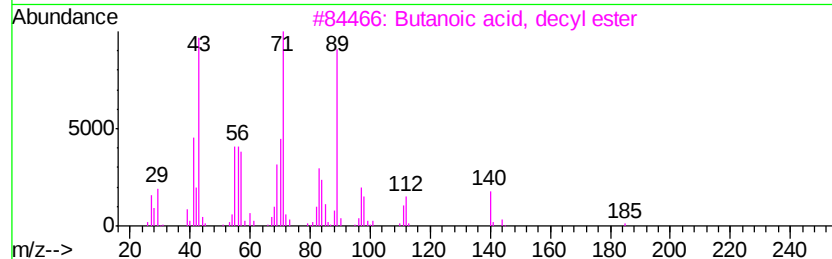
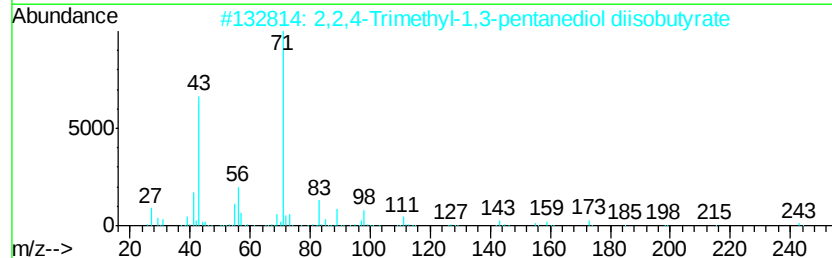
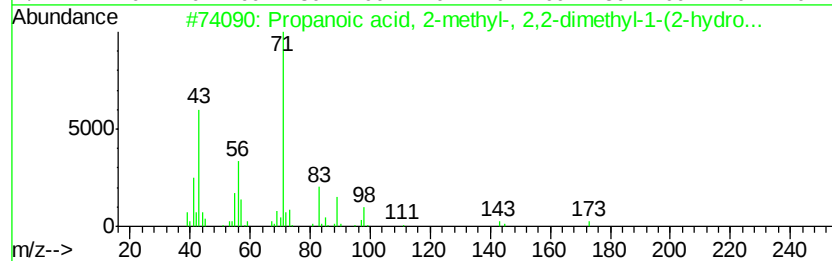
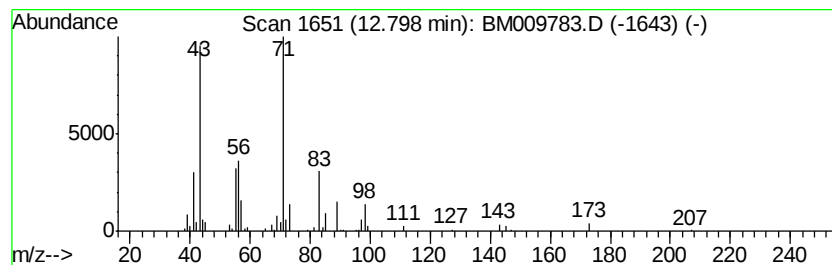
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	4.14 ng/ul	337139	Acenaphthene-d10	14.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	90
2			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	56
3			Butanoic acid, decyl ester	228	C14H28O2	005454-09-1	50
4			Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	47



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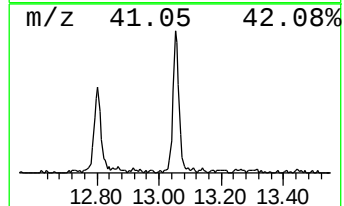
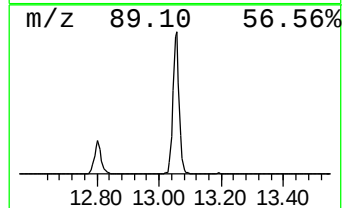
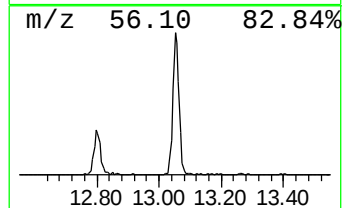
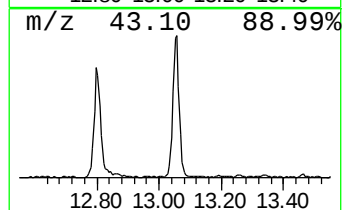
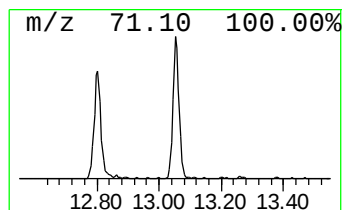
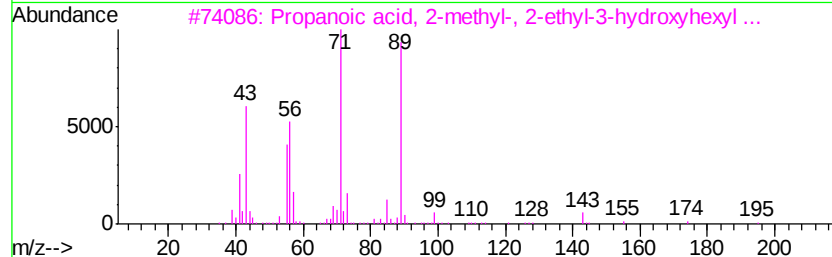
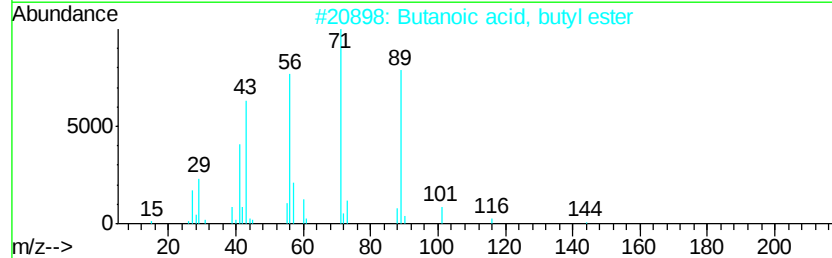
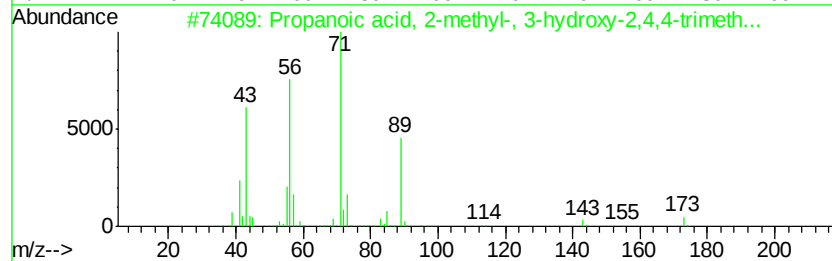
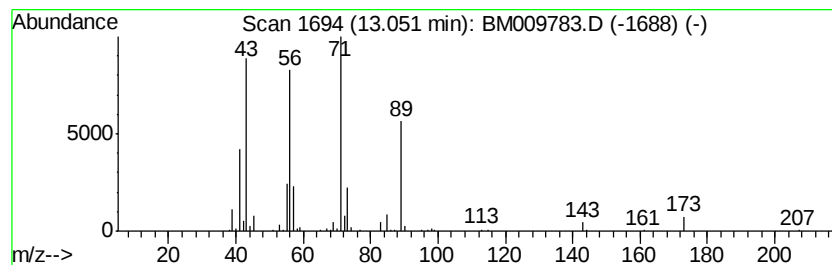
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2-methyl-, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	5.57 ng/ul	453193	Acenaphthene-d10	14.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216 C12H24O3	074367-34-3	86
2	Butanoic acid, butyl ester	144 C8H16O2	000109-21-7	64
3	Propanoic acid, 2-methyl-, 2-eth...	216 C12H24O3	074367-31-0	50
4	Butanoic acid, butyl ester	144 C8H16O2	000109-21-7	50
5	trans-2,3-Epoxydecane	156 C10H20O	054125-39-2	43



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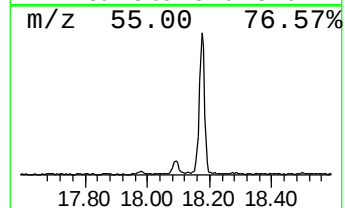
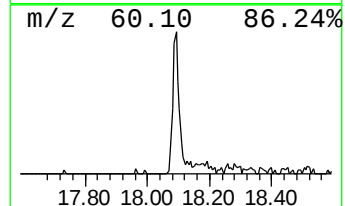
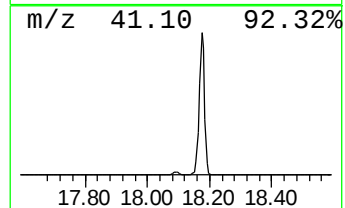
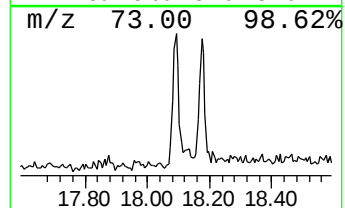
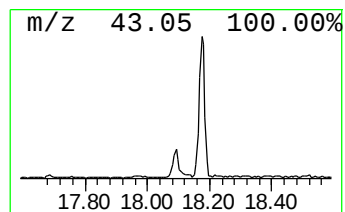
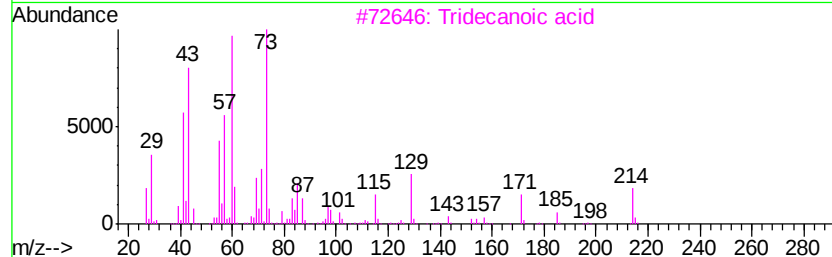
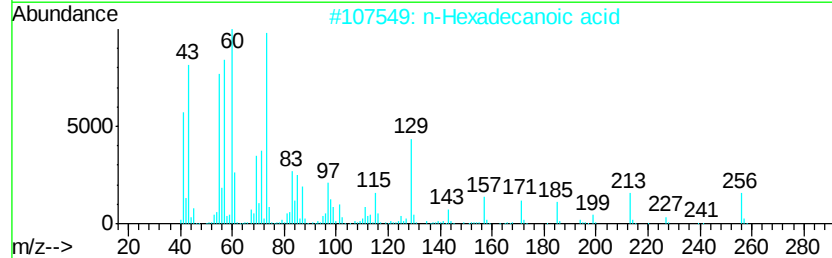
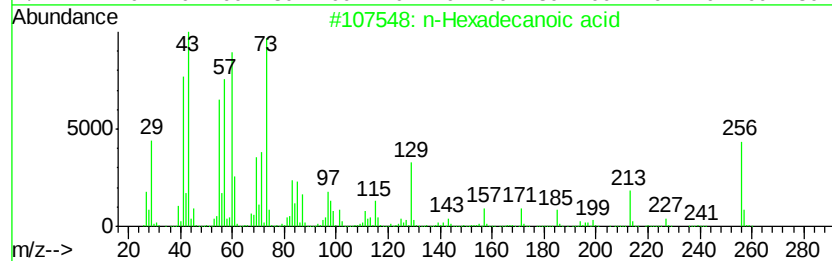
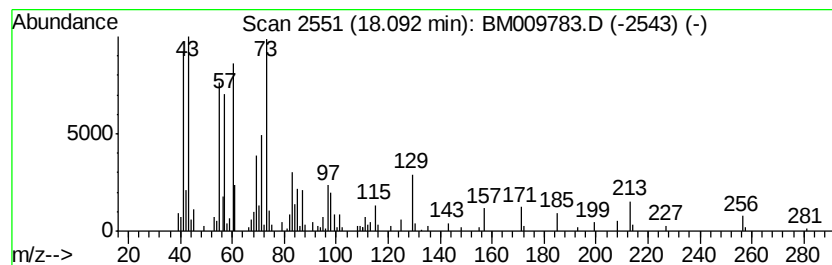
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.53 ng/ul	259036	Phenanthrene-d10	17.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	



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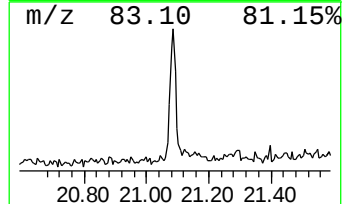
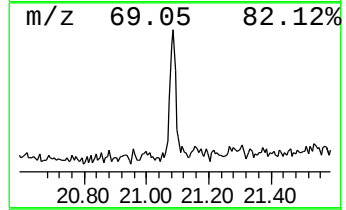
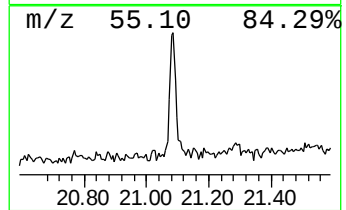
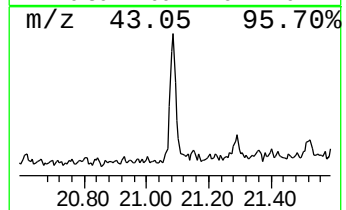
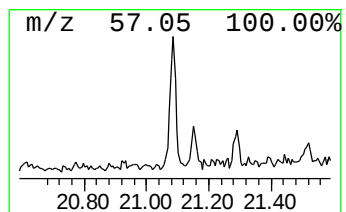
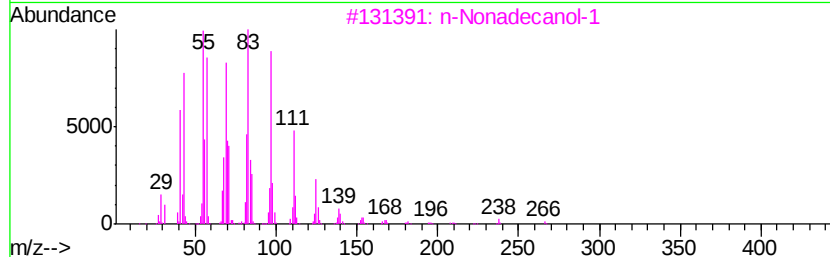
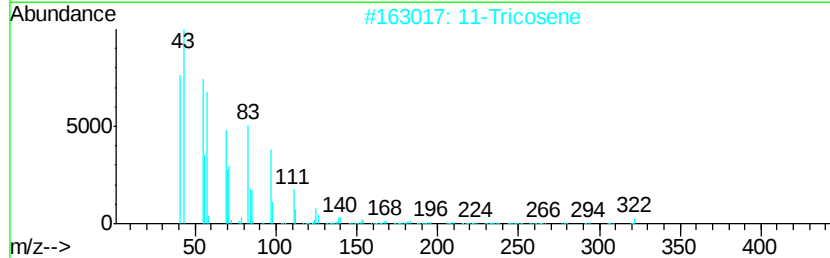
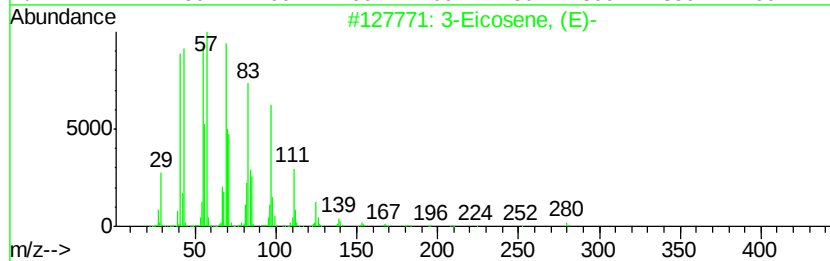
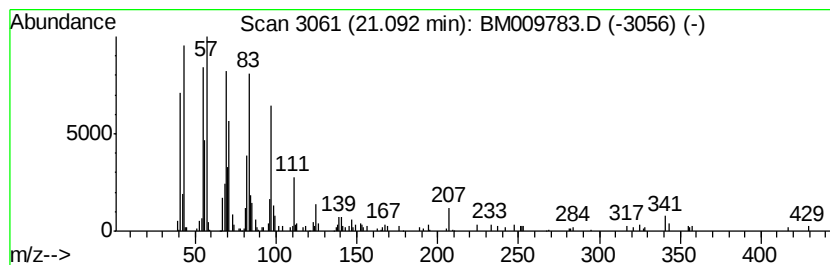
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	2.80 ng/ul	354541	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Eicosene, (E)-	280	C20H40	074685-33-9	91
2	11	Tricosene	322	C23H46	052078-56-5	91
3	n	Nonadecanol-1	284	C19H40O	001454-84-8	91
4	n	Tetracosanol-1	354	C24H50O	000506-51-4	90
5	Behenic	alcohol	326	C22H46O	000661-19-8	90



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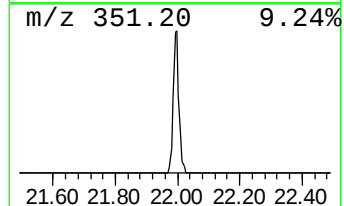
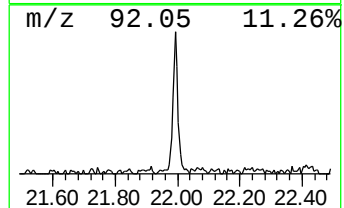
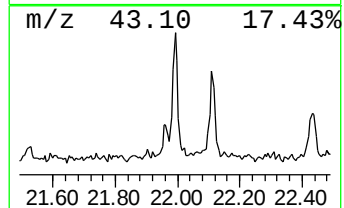
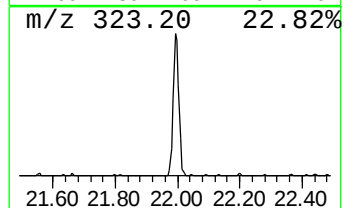
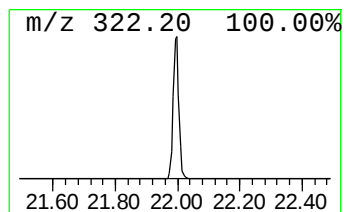
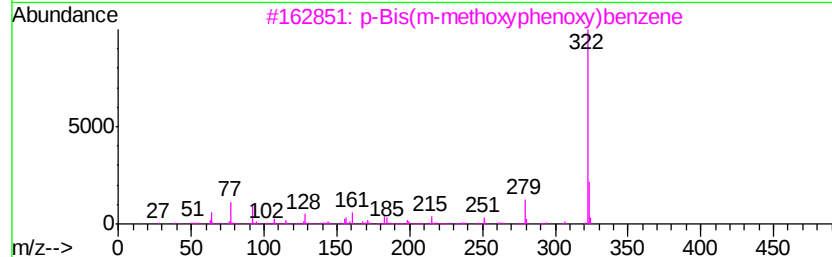
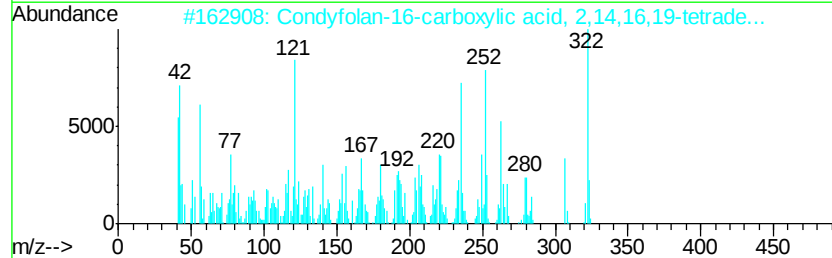
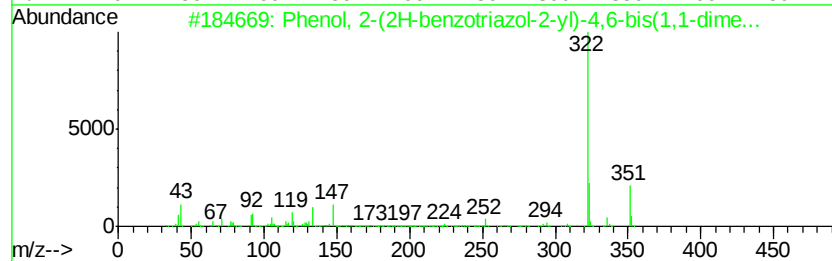
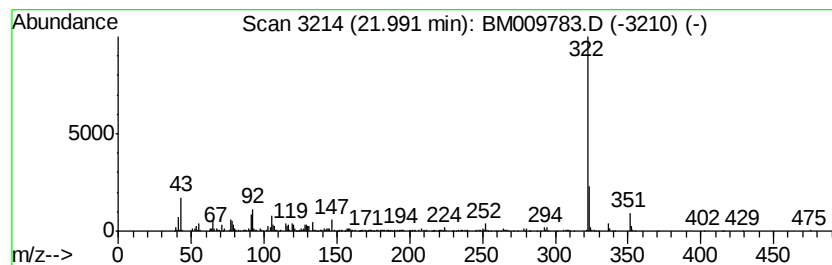
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	6.35 ng/ul	804586	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2-(2H-benzotriazol-2-yl)...	351	C22H29N3O	025973-55-1	45
2		Condyfolan-16-carboxylic acid, 2...	322	C20H22N2O2	004939-81-5	45
3		p-Bis(m-methoxyphenoxy)benzene	322	C20H18O4	005024-84-0	45
4		1-Methyl-2,6-diphenyl-4,4-pentam...	365	C25H23N3	083078-31-3	38
5		m-Bis(p-methoxyphenoxy)benzene	322	C20H18O4	013118-91-7	36



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JHSR2

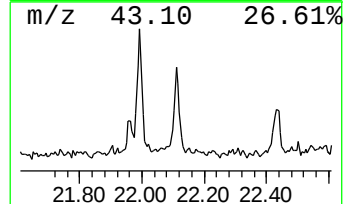
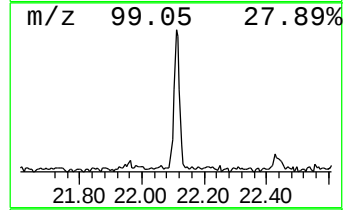
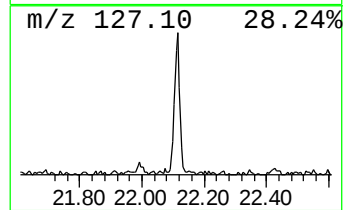
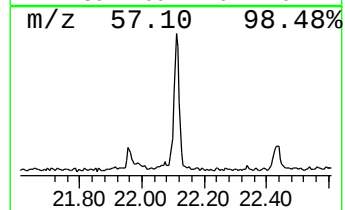
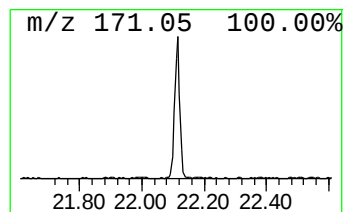
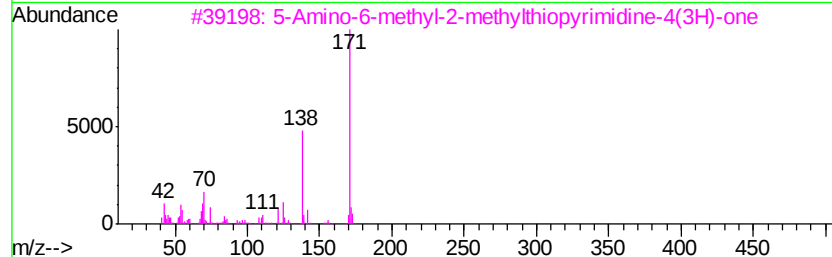
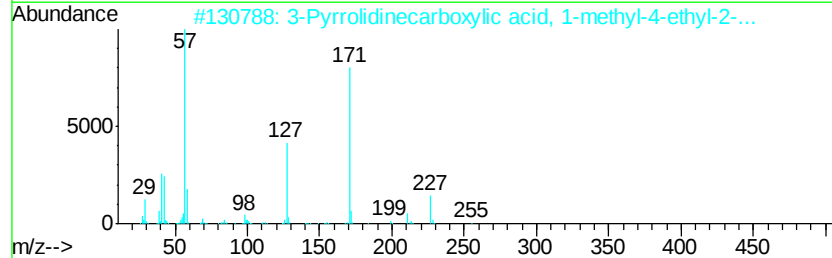
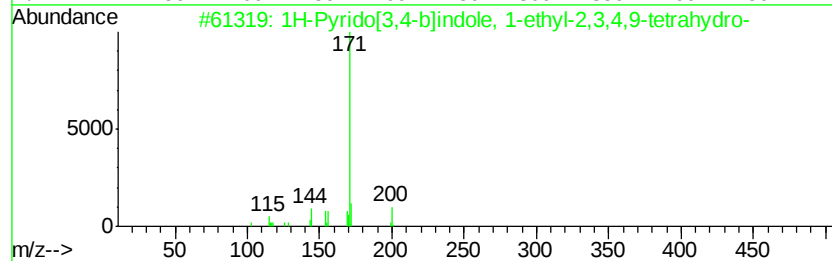
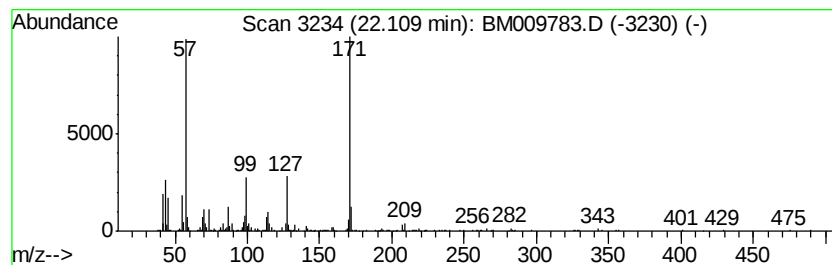
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.11	4.46 ng/ul	565083	Chrysene-d12	21.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Pyrido[3,4-b]indole, 1-ethyl-...	200	C13H16N2	006678-86-0	45
2		3-Pyrrolidinecarboxylic acid, 1-...	284	C15H28N2O3	1000196-95-3	38
3		5-Amino-6-methyl-2-methylthiopvr...	171	C6H9N3OS	342402-52-2	38
4		2,4(1H,3H)-Pyrimidinedione, 6-me...	171	C5H5N3O4	016632-21-6	38
5		1-Dimethoxymethylnaphthalene	202	C13H14O2	033250-32-7	38



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042817\
Data File : BM009783.D
Acq On : 28 Apr 2017 16:51
Operator : SJ/MA
Sample : I2845-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR2

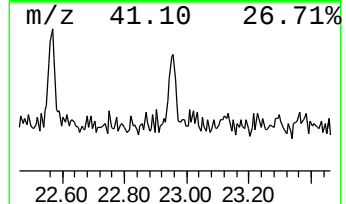
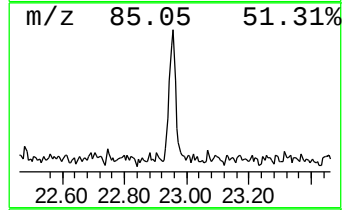
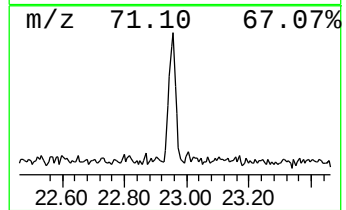
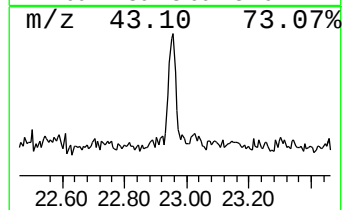
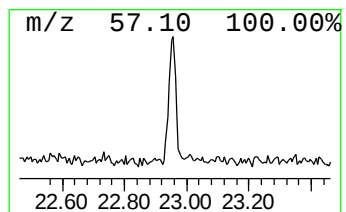
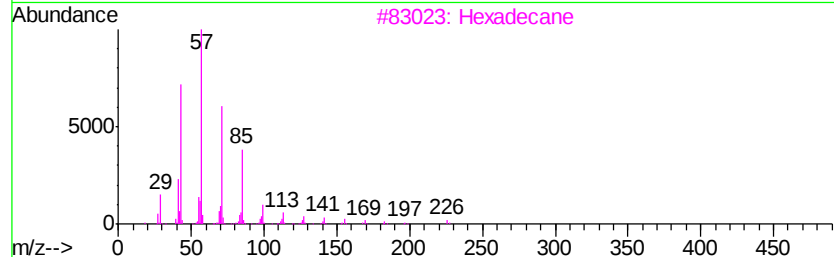
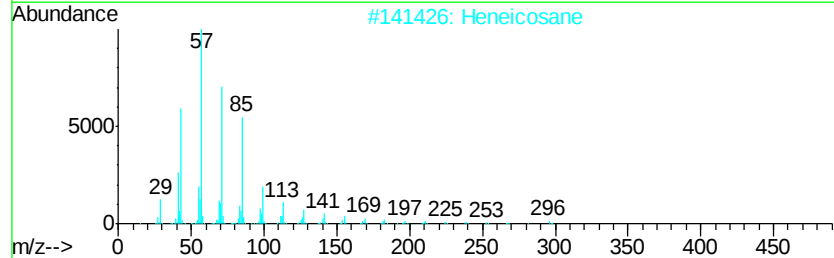
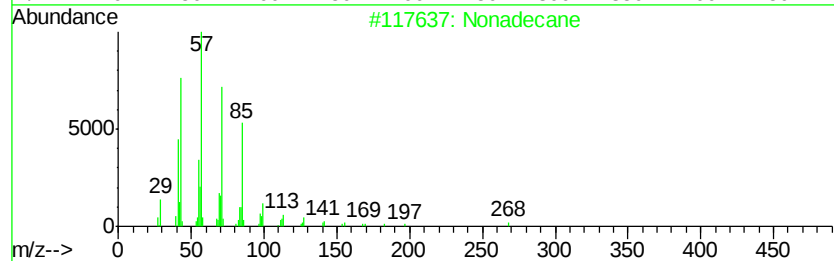
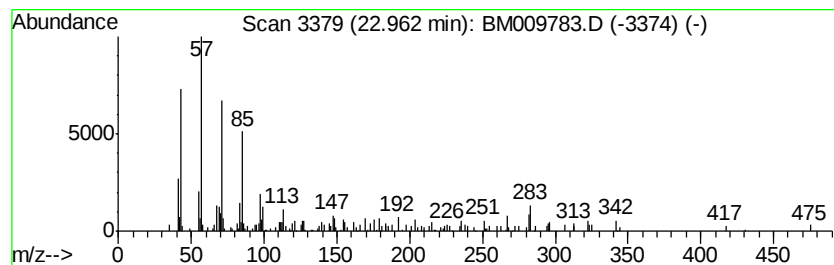
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.29 ng/ul	220765	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Heneicosane	296	C21H44	000629-94-7	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	62
5		Hexadecane	226	C16H34	000544-76-3	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042817\
Data File : BM009783.D
Acq On : 28 Apr 2017 16:51
Operator : SJ/MA
Sample : I2845-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSR2

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
Propanoic acid, 2...	12.80	4.1	ng/ul	337139	3	14.47	1627380	20.0
Propanoic acid, 2...	13.05	5.6	ng/ul	453193	3	14.47	1627380	20.0
n-Hexadecanoic acid	18.09	2.5	ng/ul	259036	4	17.22	2045950	20.0
(DEL) Alkane: Cyc...	21.09	2.8	ng/ul	354541	5	21.40	2535020	20.0
unknown-01	21.99	6.3	ng/ul	804586	5	21.40	2535020	20.0
unknown-02	22.11	4.5	ng/ul	565083	5	21.40	2535020	20.0
(DEL) Alkane: Str...	22.96	2.3	ng/ul	220765	6	23.71	1928950	20.0