

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
 Data File : BM006697.D
 Acq On : 27 Jul 2016 20:36
 Operator : UM/SJ
 Sample : H4094-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDJE7

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-BM072616.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	6.787	708	714	734	rBV	682923	1191862	12.47%	1.666%
2	6.945	734	741	753	rBV	538286	852958	8.93%	1.193%
3	7.139	768	774	786	rBV	696394	1137201	11.90%	1.590%
4	7.604	846	853	868	rVB	641646	1052714	11.02%	1.472%
5	8.316	968	974	991	rBV	858249	1459186	15.27%	2.040%
6	8.763	1042	1050	1066	rBV	645726	1141984	11.95%	1.597%
7	9.480	1162	1172	1184	rBV	547672	956366	10.01%	1.337%
8	10.016	1256	1263	1277	rBV	787760	1440626	15.08%	2.014%
9	10.380	1318	1325	1338	rBV	836101	1509484	15.80%	2.111%
10	10.527	1343	1350	1365	rBV	726722	1354783	14.18%	1.894%
11	13.674	1878	1885	1889	rBV	1413046	2107694	22.06%	2.947%
12	13.721	1889	1893	1911	rVB	853867	1303668	13.64%	1.823%
13	13.951	1923	1932	1947	rBV	1653941	2552805	26.72%	3.569%
14	14.257	1978	1984	1995	rBV2	1137813	1929152	20.19%	2.697%
15	14.486	2018	2023	2041	rBV	558015	1070987	11.21%	1.497%
16	15.257	2148	2154	2164	rBV	2132277	3207962	33.58%	4.485%
17	15.398	2172	2178	2190	rBV	613366	941902	9.86%	1.317%
18	15.980	2272	2277	2285	rBV2	50115	103406	1.08%	0.145%
19	17.015	2447	2453	2462	rBV	1534800	2331463	24.40%	3.260%
20	17.109	2463	2469	2480	rVB2	2413680	3575321	37.42%	4.999%
21	19.415	2855	2861	2876	rVB	3046144	4238944	44.37%	5.927%
22	19.962	2948	2954	2962	rBV2	76028	166457	1.74%	0.233%
23	20.933	3114	3119	3137	rBV	1266930	2911962	30.48%	4.071%
24	21.062	3137	3141	3145	rVV3	113844	162453	1.70%	0.227%
25	21.168	3155	3159	3162	rVV	431973	541299	5.67%	0.757%
26	21.215	3162	3167	3177	rVB	2284485	2973861	31.12%	4.158%
27	21.397	3194	3198	3209	rVB5	78545	187196	1.96%	0.262%
28	21.815	3262	3269	3291	rBV	1537099	3545680	37.11%	4.957%
29	21.968	3292	3295	3302	rVB2	77780	112590	1.18%	0.157%
30	22.244	3338	3342	3345	rVB3	77136	102741	1.08%	0.144%
31	22.303	3347	3352	3359	rBV5	59190	140137	1.47%	0.196%
32	22.733	3421	3425	3431	rVB	305633	450496	4.71%	0.630%
33	22.803	3432	3437	3445	rBV3	163343	438777	4.59%	0.613%
34	23.280	3510	3518	3529	rBV2	2428177	4513235	47.24%	6.310%

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35	23.415	3534	3541	3546	rVV	1592734	3006283	31.46%	4.203%
36	23.462	3546	3549	3555	rVB	441477	748138	7.83%	1.046%
37	23.909	3620	3625	3635	rVB	231071	445964	4.67%	0.624%
38	27.244	4181	4192	4208	rVB2	1793524	6060143	63.43%	8.473%
39	27.609	4241	4254	4288	rBV3	1926971	9554606	100.00%	13.359%

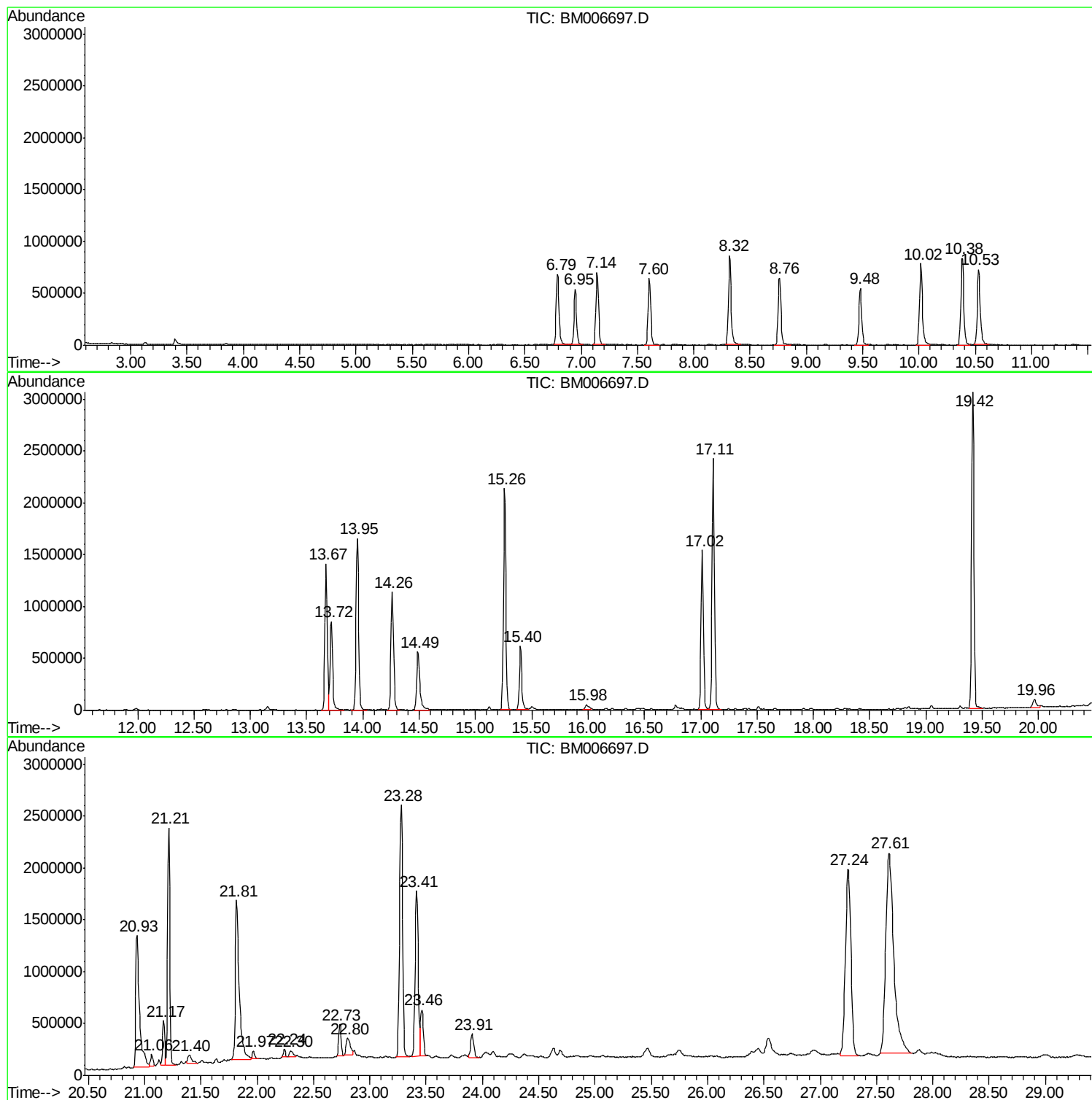
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION

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



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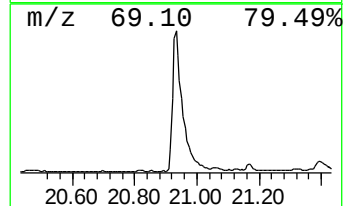
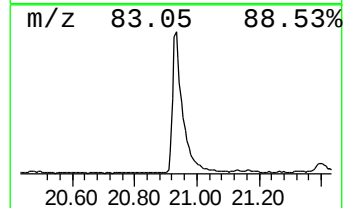
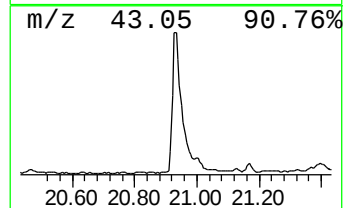
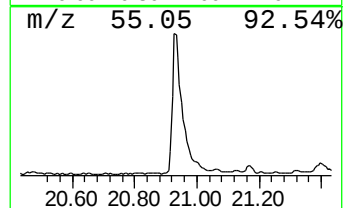
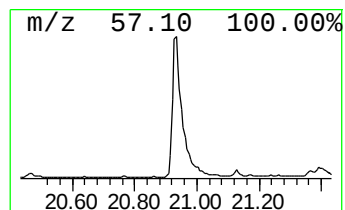
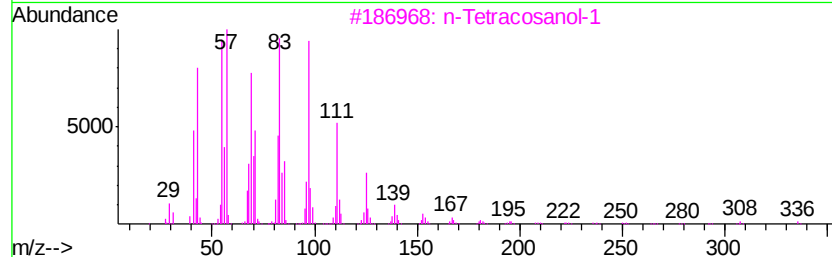
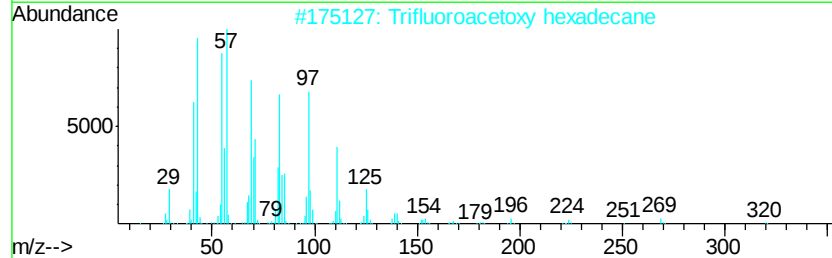
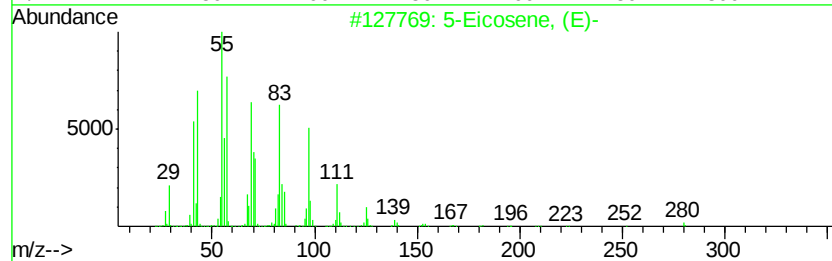
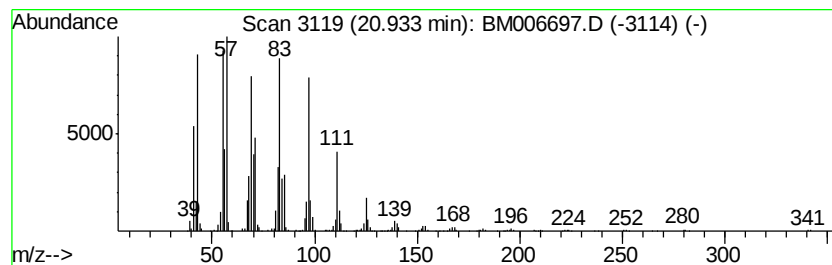
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic20.93 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	19.58 ng/ul	2911960	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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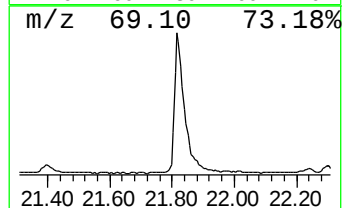
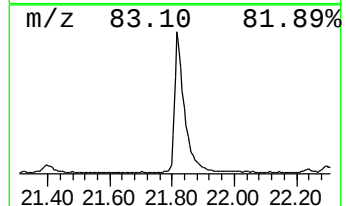
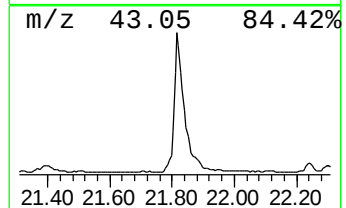
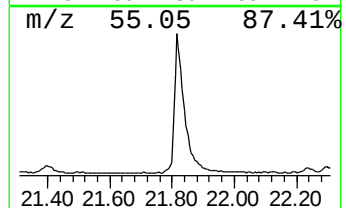
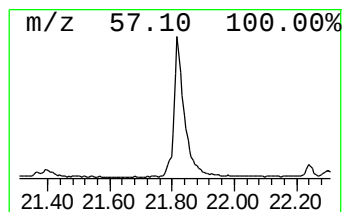
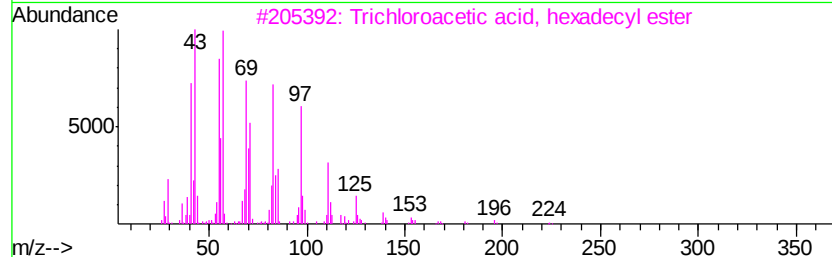
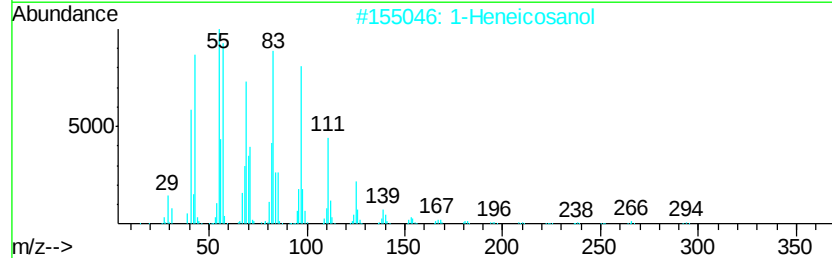
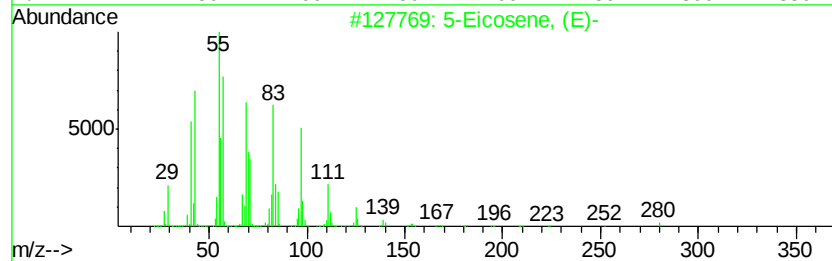
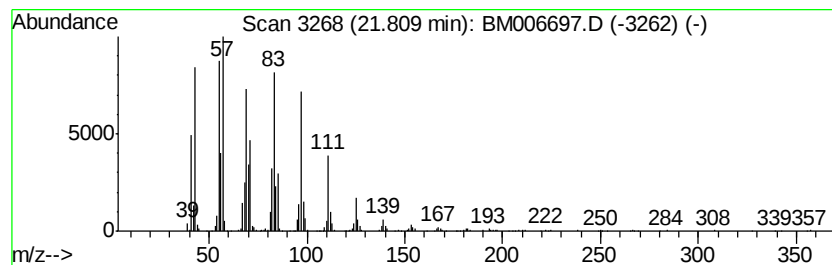
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Peak Number 2 (DEL) Alkane: Cyclic21.81 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	23.85 ng/ul	3545680	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91



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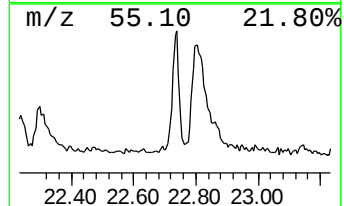
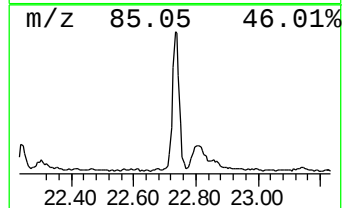
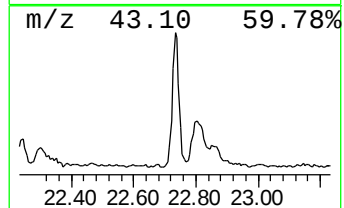
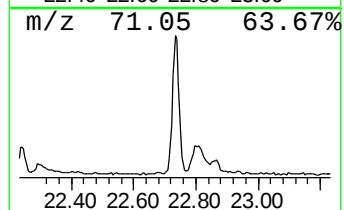
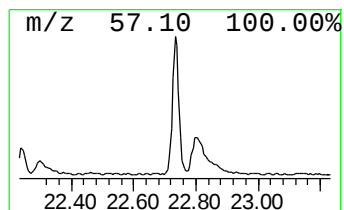
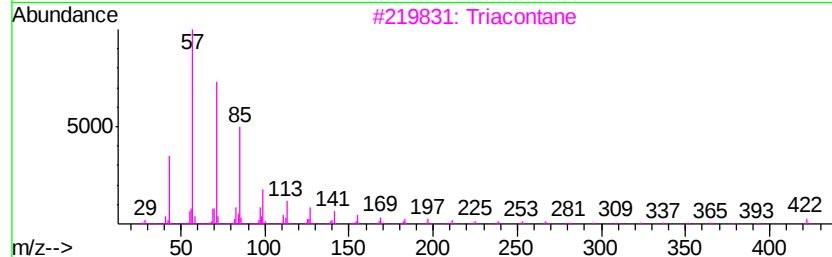
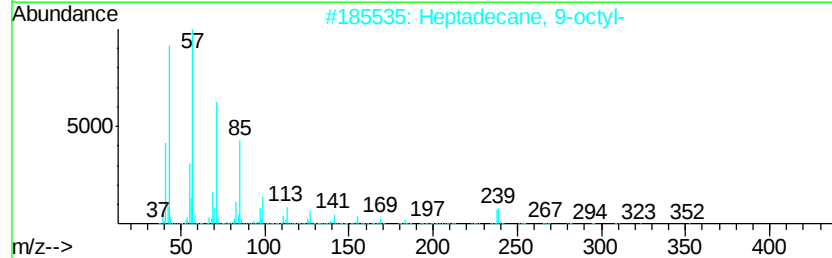
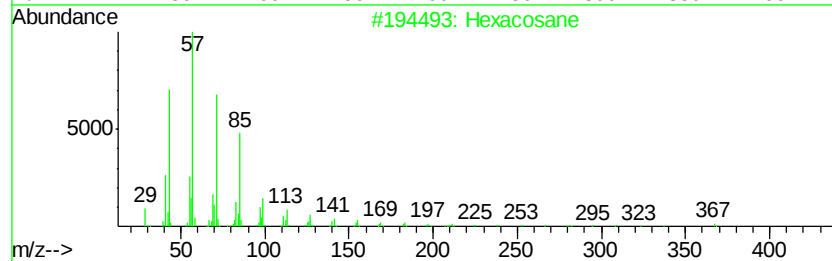
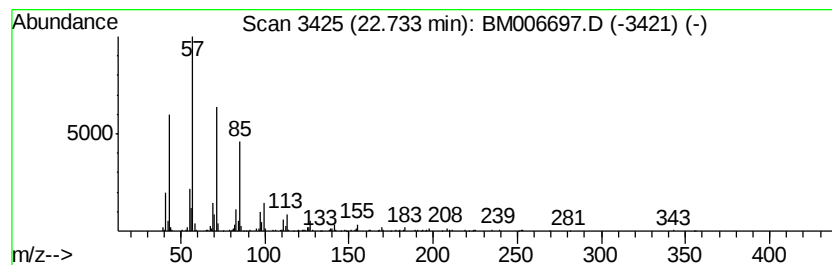
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	3.00 ng/ul	450496	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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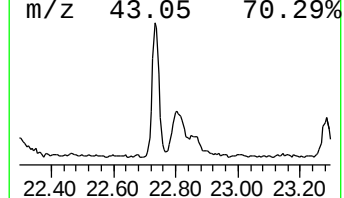
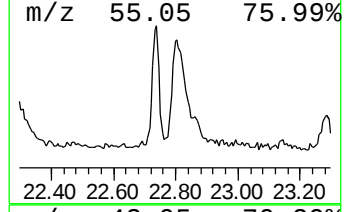
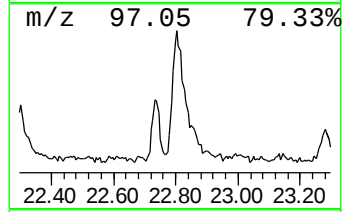
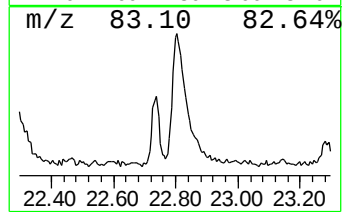
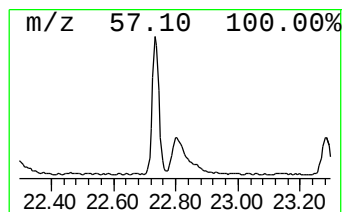
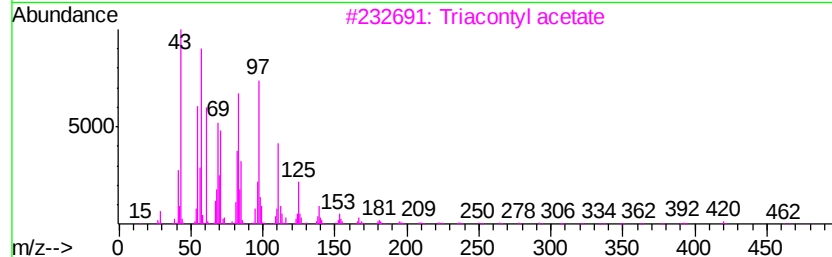
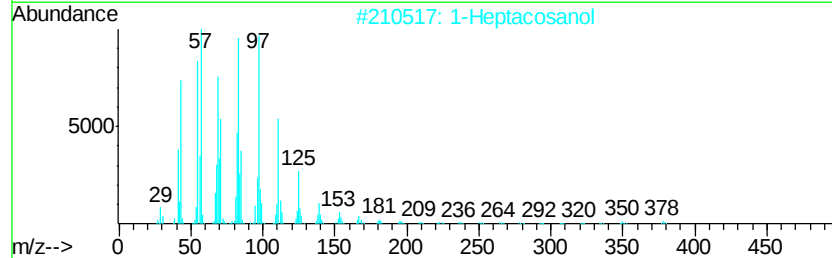
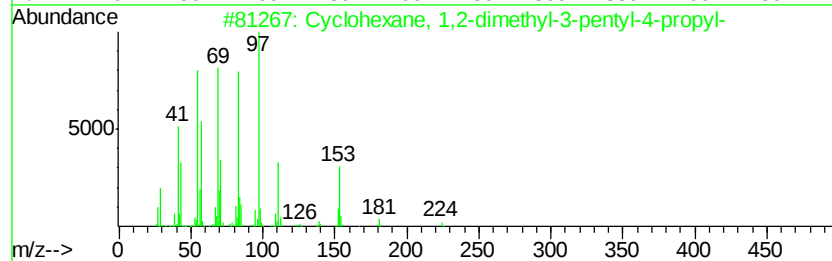
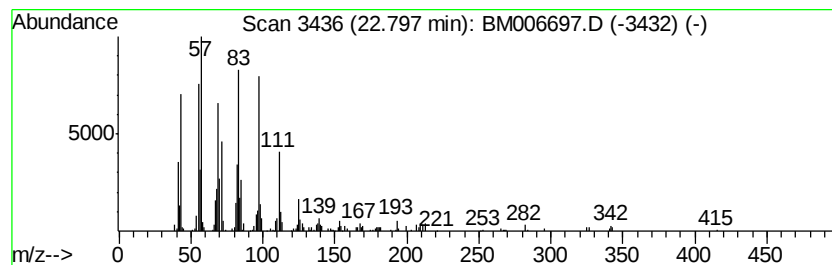
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Peak Number 4 (DEL) Alkane: Cyclic22.80 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	2.92 ng/ul	438777	Perylene-d12	23.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	93
2		1-Heptacosanol	396	C27H56O	002004-39-9	91
3		Triacontyl acetate	480	C32H64O2	041755-58-2	76
4		Octacosanol	410	C28H58O	000557-61-9	76
5		Heptacosyl acetate	438	C29H58O2	1000351-78-2	76



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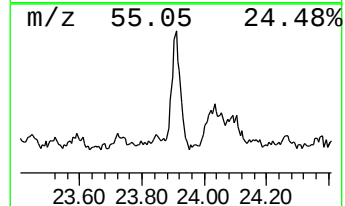
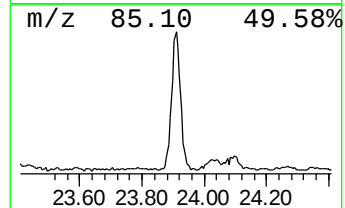
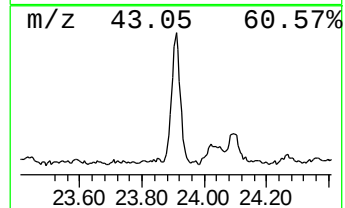
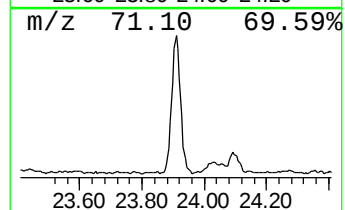
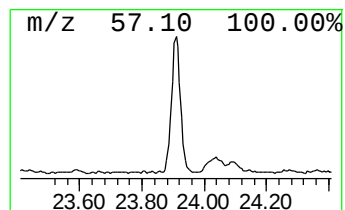
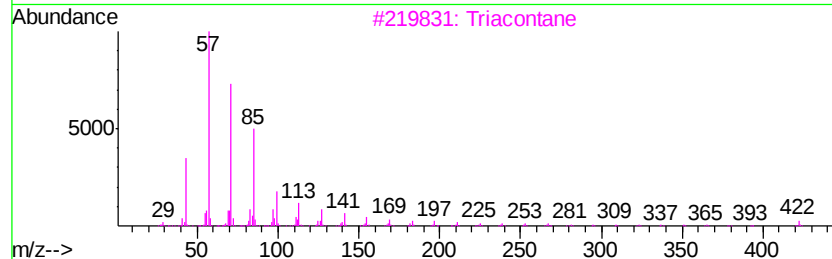
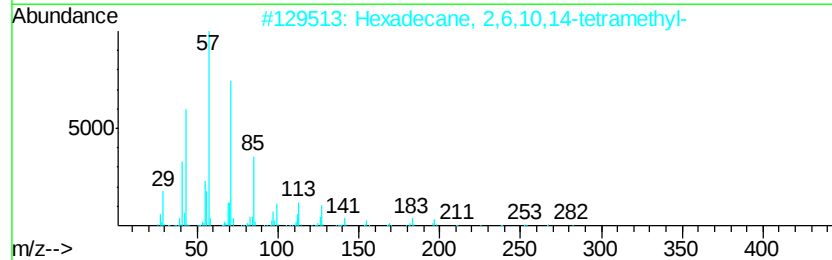
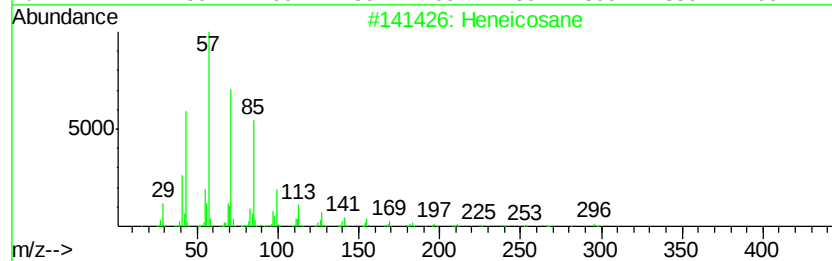
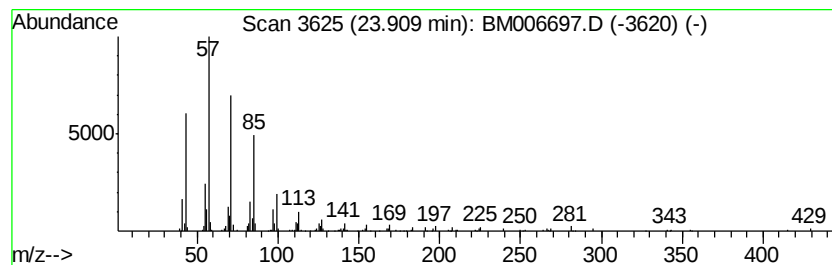
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.91	2.97 ng/ul	445964	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Triacontane	422	C30H62	000638-68-6	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
Data File : BM006697.D
Acq On : 27 Jul 2016 20:36
Operator : UM/SJ
Sample : H4094-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJE7

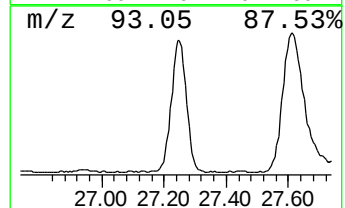
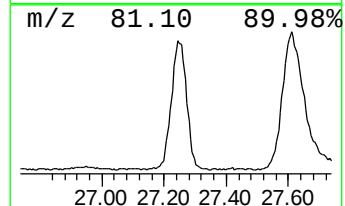
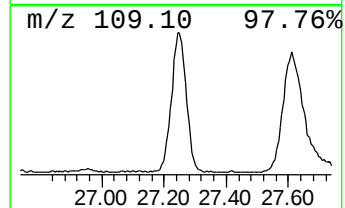
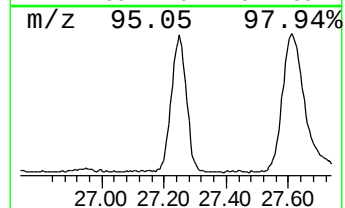
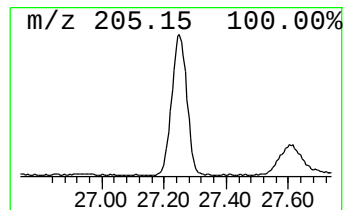
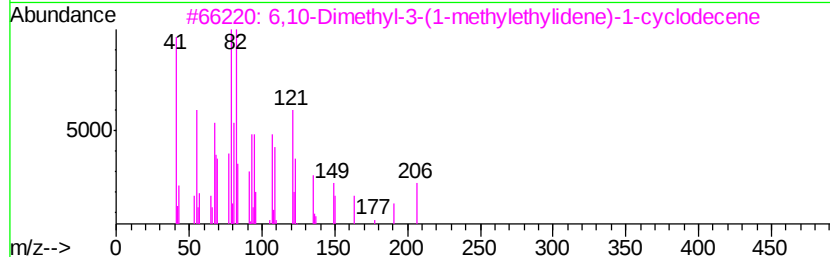
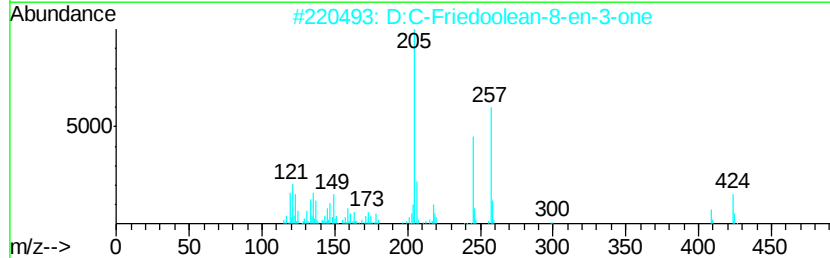
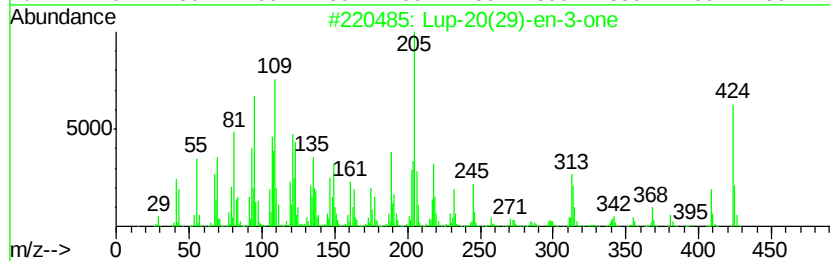
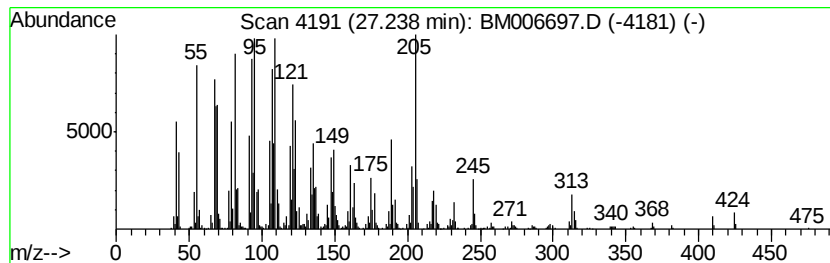
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Lup-20(29)-en-3-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.24	40.32 ng/ul	6060140	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	97
2		D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	78
3		6,10-Dimethyl-3-(1-methylethylidene)-1-cyclodecene	206	C15H26	069239-71-0	64
4		1-Isopropenyl-3-propenylcyclopentane	150	C11H18	1000192-81-2	56
5		1,5-Cyclodecadiene, 1,5-dimethyl-	204	C15H24	015423-57-1	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
Data File : BM006697.D
Acq On : 27 Jul 2016 20:36
Operator : UM/SJ
Sample : H4094-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

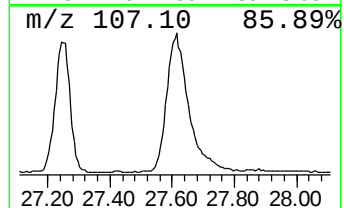
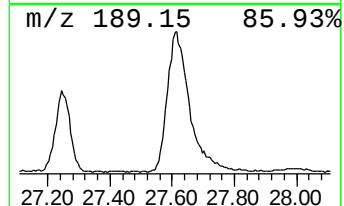
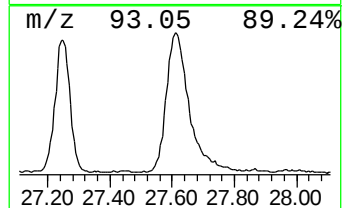
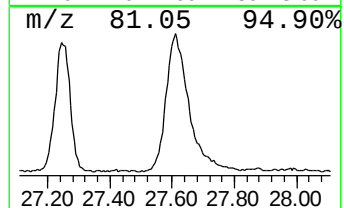
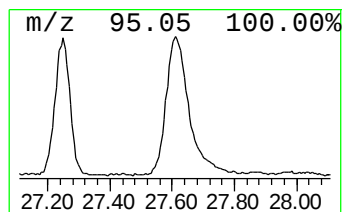
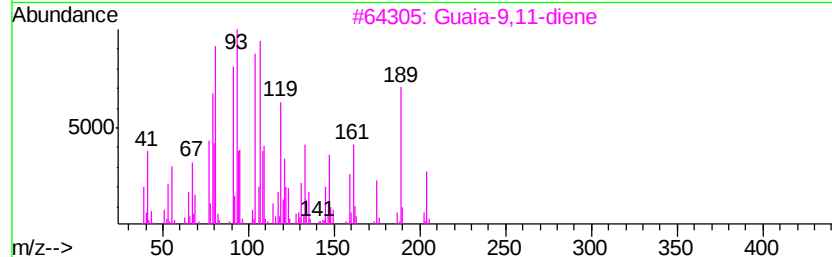
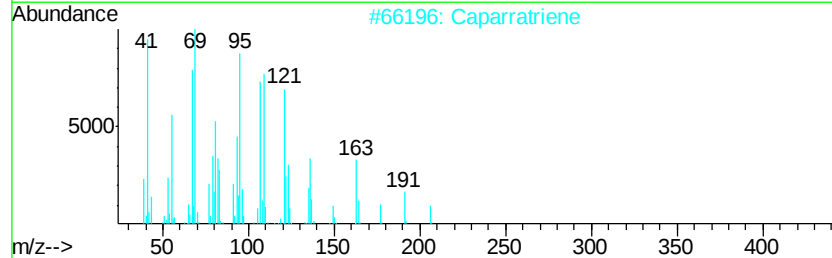
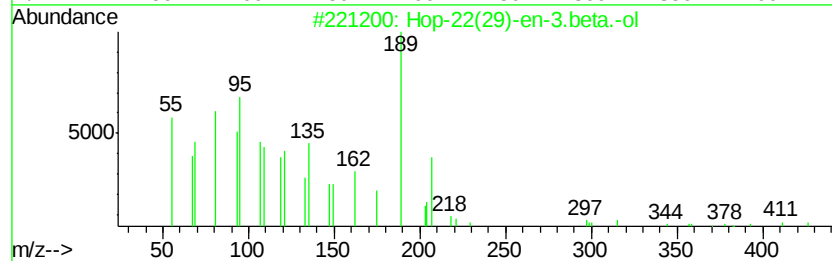
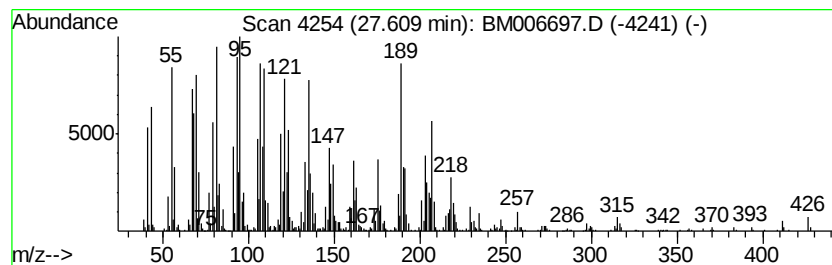
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Hop-22(29)-en-3.beta.-ol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
27.61	63.56 ng/ul	9554610	Perylene-d12	23.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hop-22(29)-en-3.beta.-ol	426	C30H50O	058801-23-3	78
2		Caparratriene	206	C15H26	1000374-08-7	70
3		Guaia-9,11-diene	204	C15H24	1000374-19-8	62
4		Cyclopropa[d]naphthalen-2(4aH)-o...	204	C14H20O	004677-90-1	51
5		2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072716\
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Sample : H4094-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJE7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	20.93	19.6	ng/ul	2911960	5	21.22	2973860	20.0
(DEL) Alkane: Cyc...	21.81	23.9	ng/ul	3545680	5	21.22	2973860	20.0
(DEL) Alkane: Str...	22.73	3.0	ng/ul	450496	6	23.41	3006280	20.0
(DEL) Alkane: Cyc...	22.80	2.9	ng/ul	438777	6	23.41	3006280	20.0
(DEL) Alkane: Str...	23.91	3.0	ng/ul	445964	6	23.41	3006280	20.0
Lup-20(29)-en-3-one	27.24	40.3	ng/ul	6060140	6	23.41	3006280	20.0
Hop-22(29)-en-3.b...	27.61	63.6	ng/ul	9554610	6	23.41	3006280	20.0