

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073018\
 Data File : BM016124.D
 Acq On : 30 Jul 2018 19:37
 Operator : SJ/JU
 Sample : J4149-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JJ1H9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	3.457	24	29	36	rBV	9361	16337	1.56%	0.178%
2	5.251	329	334	340	rBV	6509	11140	1.06%	0.122%
3	7.369	691	694	706	rBB4	10404	22246	2.12%	0.243%
4	7.522	716	720	730	rBV	36598	61469	5.87%	0.671%
5	7.728	751	755	767	rBV	44097	76525	7.30%	0.835%
6	8.198	829	835	848	rBB	176982	296918	28.34%	3.240%
7	8.922	955	958	975	rBB2	25609	51129	4.88%	0.558%
8	9.386	1032	1037	1050	rBV	46587	90190	8.61%	0.984%
9	10.110	1156	1160	1171	rBB2	39118	70108	6.69%	0.765%
10	10.651	1247	1252	1267	rBV	52959	102578	9.79%	1.119%
11	11.016	1308	1314	1326	rVB	254638	426701	40.72%	4.656%
12	14.227	1855	1860	1864	rBV	172199	230998	22.05%	2.520%
13	14.274	1864	1868	1874	rVB	100511	140933	13.45%	1.538%
14	14.521	1905	1910	1919	rBV	161982	223389	21.32%	2.437%
15	14.821	1956	1961	1971	rBB2	390340	586072	55.93%	6.395%
16	15.809	2124	2129	2139	rVB	233594	321383	30.67%	3.507%
17	15.957	2149	2154	2160	rBV2	58065	88029	8.40%	0.960%
18	17.556	2420	2426	2432	rBV	542879	747093	71.30%	8.151%
19	17.651	2437	2442	2451	rVB	256372	375996	35.88%	4.102%
20	18.403	2565	2570	2582	rBV	377499	492914	47.04%	5.378%
21	19.515	2755	2759	2761	rBV4	19967	23814	2.27%	0.260%
22	19.656	2778	2783	2790	rBV	194014	254041	24.25%	2.772%
23	19.915	2822	2827	2839	rBV	372947	492301	46.98%	5.371%
24	20.392	2905	2908	2912	rBV6	14591	17637	1.68%	0.192%
25	21.350	3067	3071	3078	rVB	215811	339055	32.36%	3.699%
26	21.544	3101	3104	3108	rBV	50212	56931	5.43%	0.621%
27	21.674	3121	3126	3132	rVB	838232	1047800	100.00%	11.432%
28	22.221	3216	3219	3222	rBV	74861	89542	8.55%	0.977%
29	22.703	3297	3301	3305	rVB	121231	151580	14.47%	1.654%
30	23.227	3386	3390	3395	rBV	152574	221654	21.15%	2.418%
31	23.821	3487	3491	3496	rBV2	150145	238606	22.77%	2.603%
32	23.880	3496	3501	3510	rVB	264160	523688	49.98%	5.714%
33	24.032	3520	3527	3539	rVB	530936	1016405	97.00%	11.090%
34	24.497	3601	3606	3616	rVB3	128454	260009	24.81%	2.837%

LSC Area Percent Report

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
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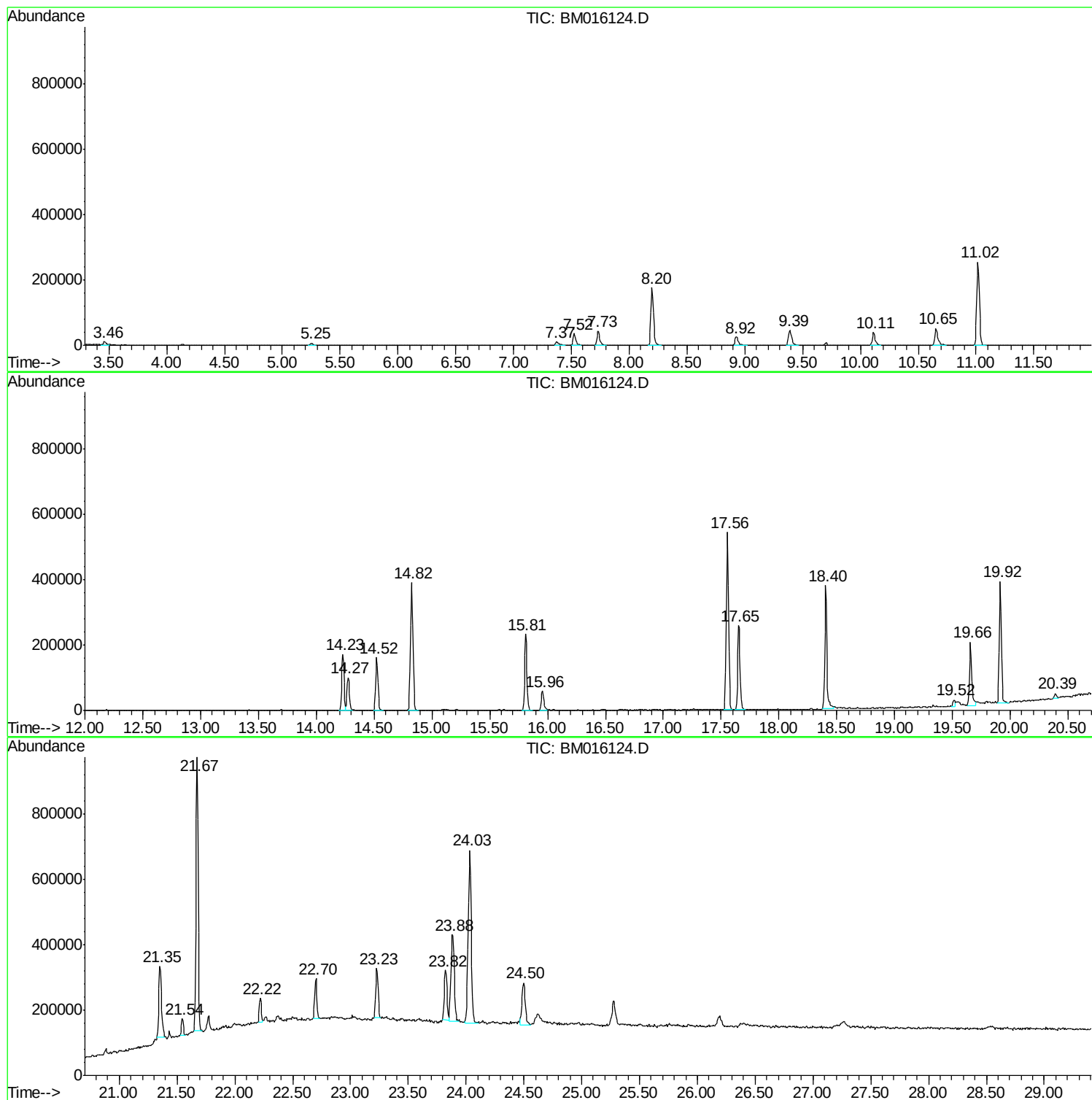
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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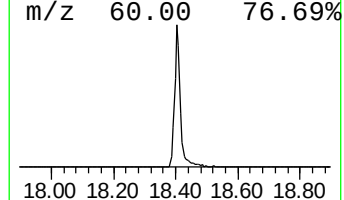
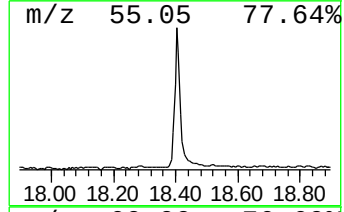
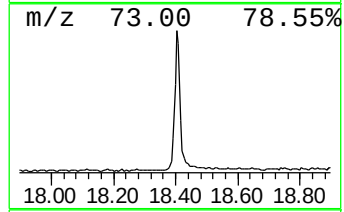
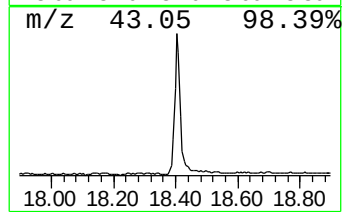
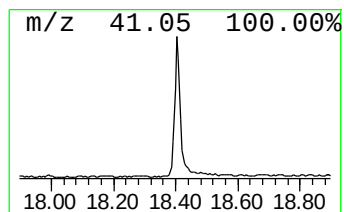
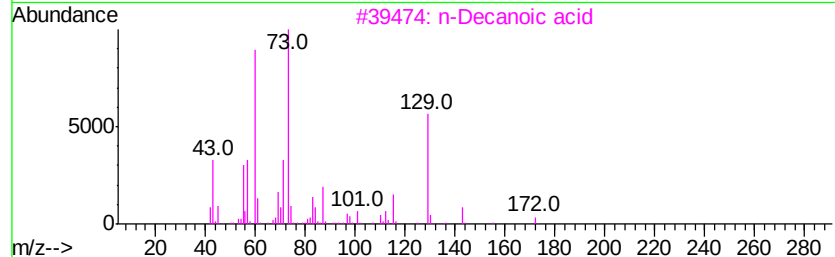
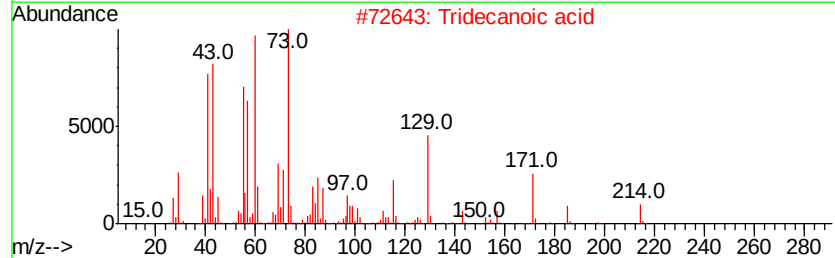
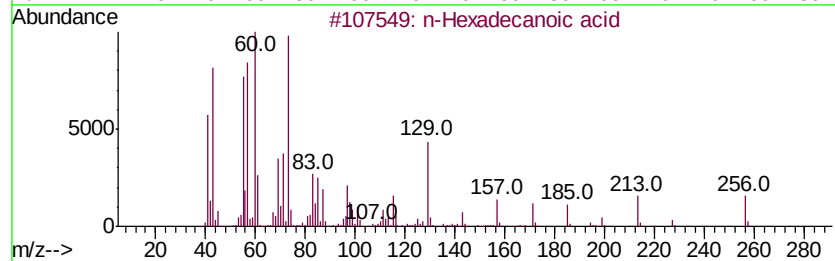
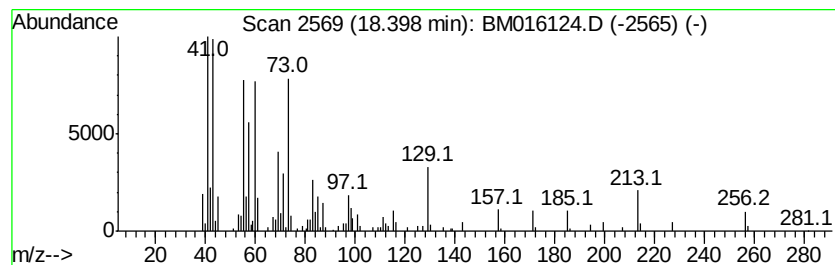
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	26.22 ng/ul	492914	Phenanthrene-d10	17.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Decanoic acid	172	C10H20O2	000334-48-5	78
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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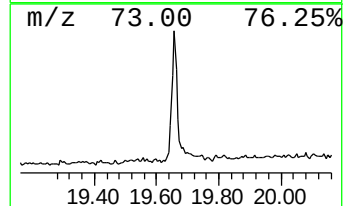
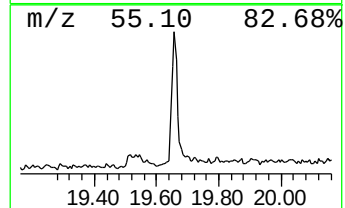
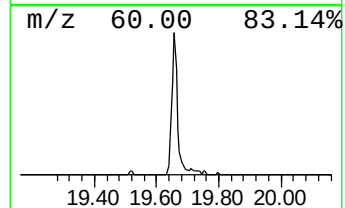
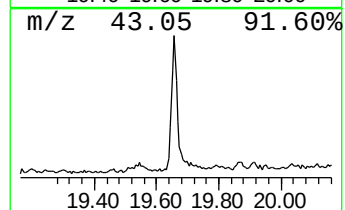
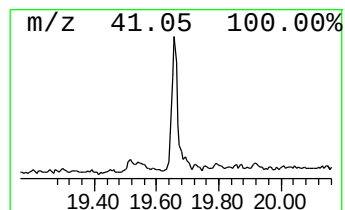
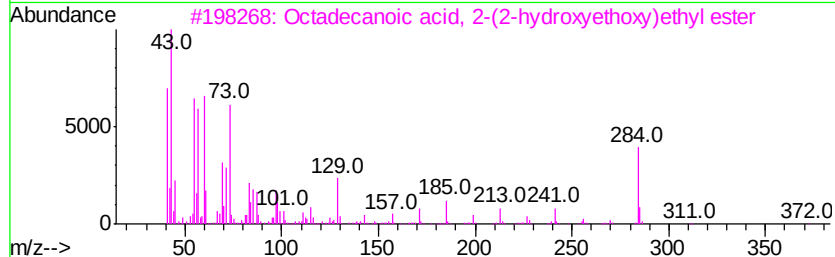
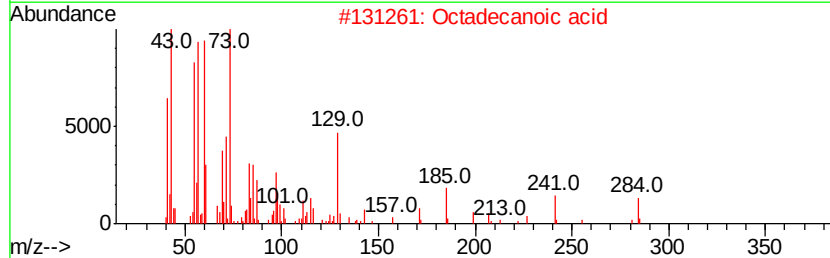
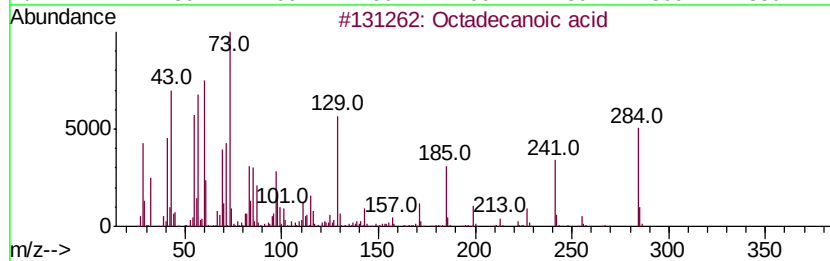
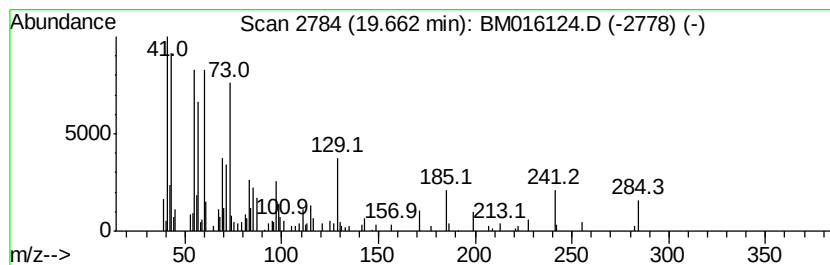
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	13.51 ng/ul	254041	Phenanthrene-d10	17.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	80
4		Octadecanoic acid	284	C18H36O2	000057-11-4	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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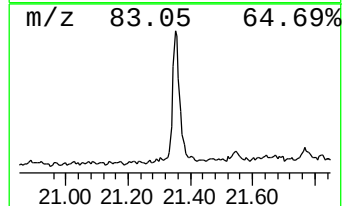
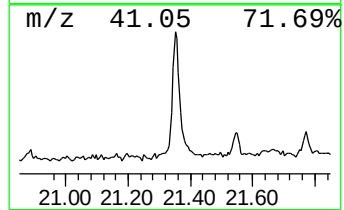
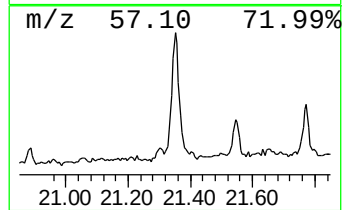
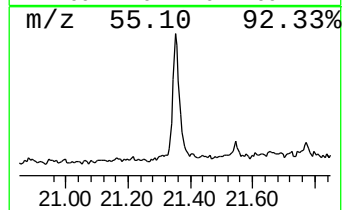
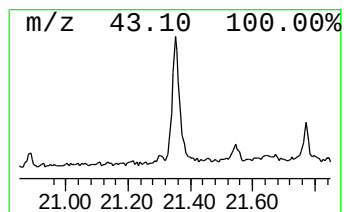
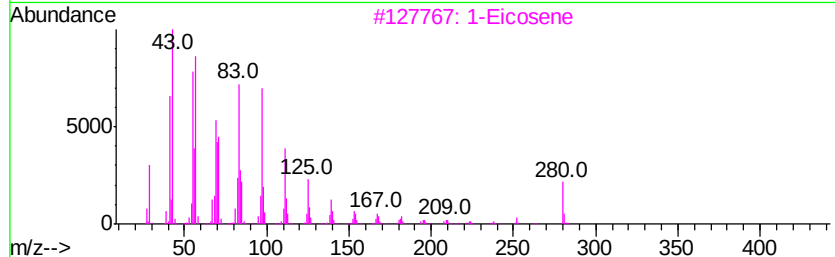
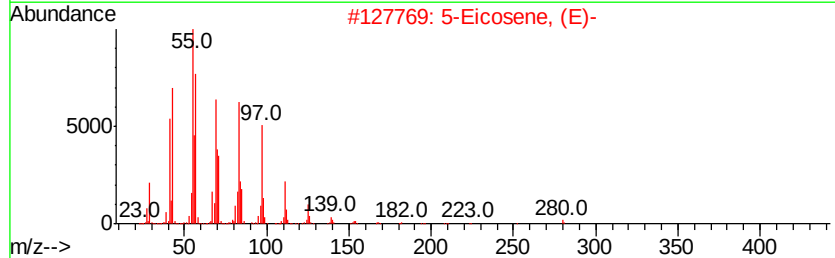
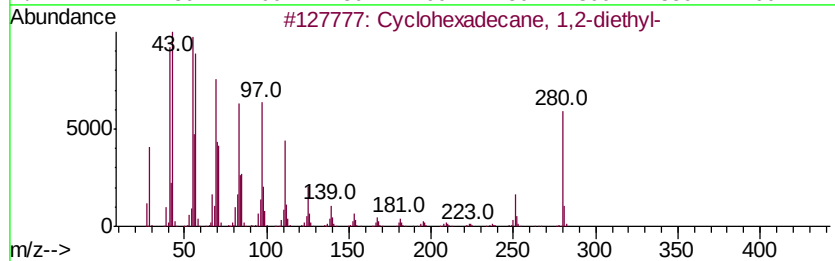
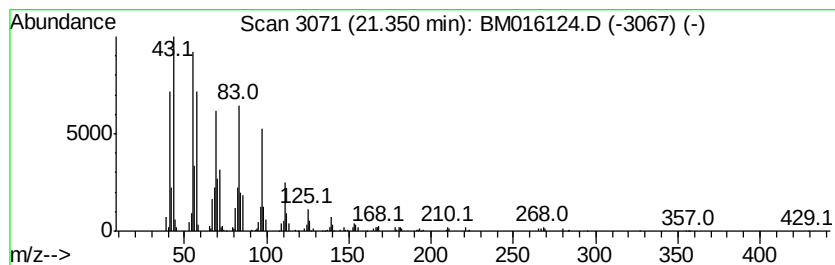
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.35 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	6.47 ng/ul	339055	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
3		1-Eicosene	280	C20H40	003452-07-1	97
4		Cycloeicosane	280	C20H40	000296-56-0	97
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	97



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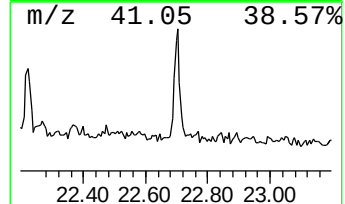
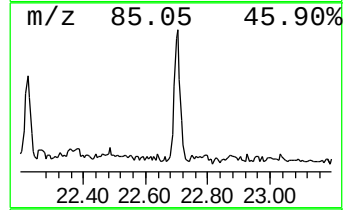
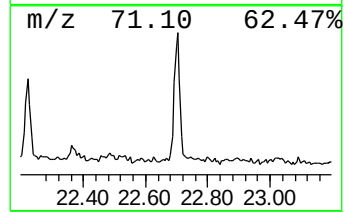
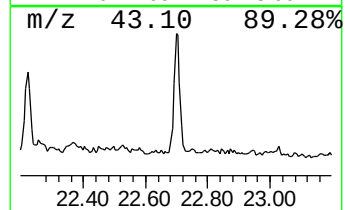
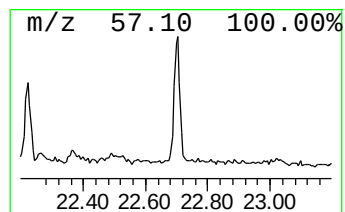
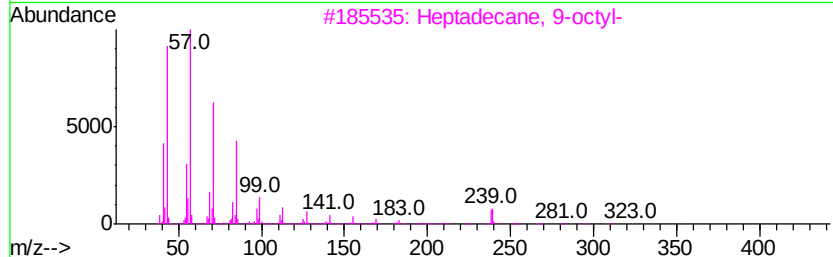
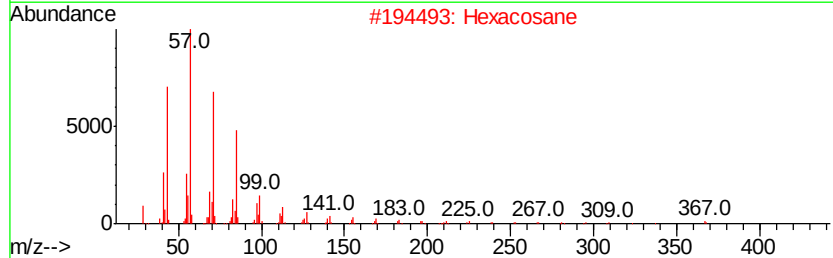
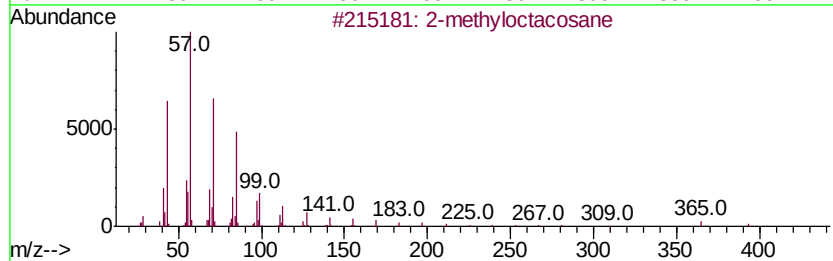
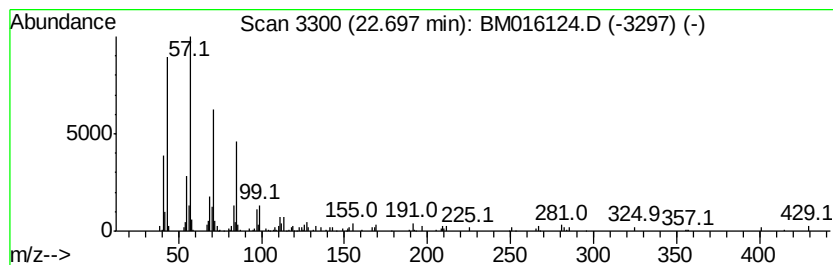
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.89 ng/ul	151580	Chrysene-d12	21.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



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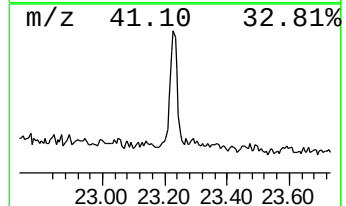
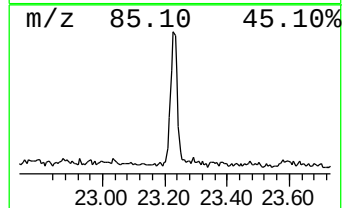
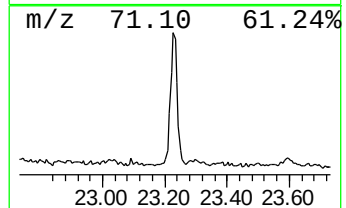
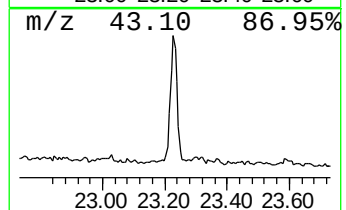
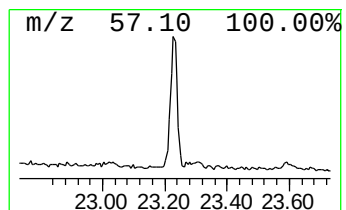
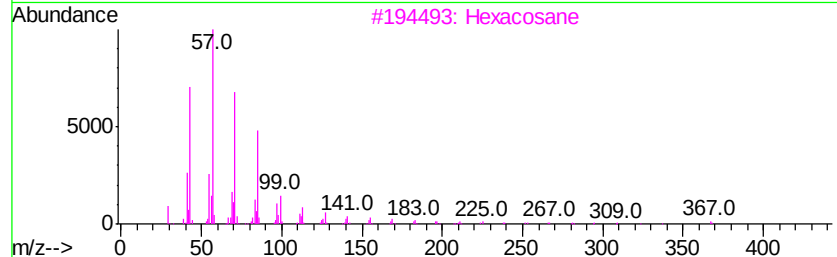
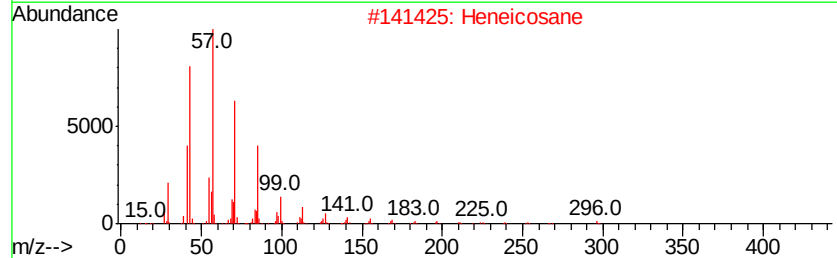
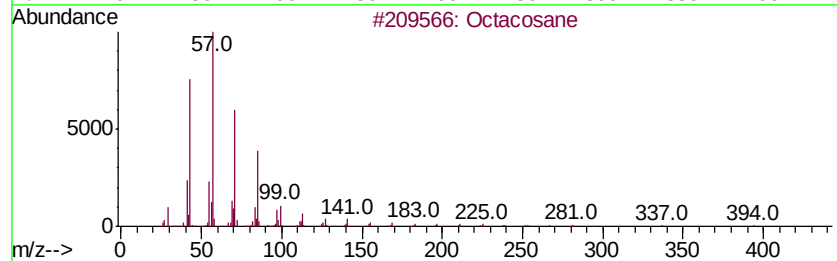
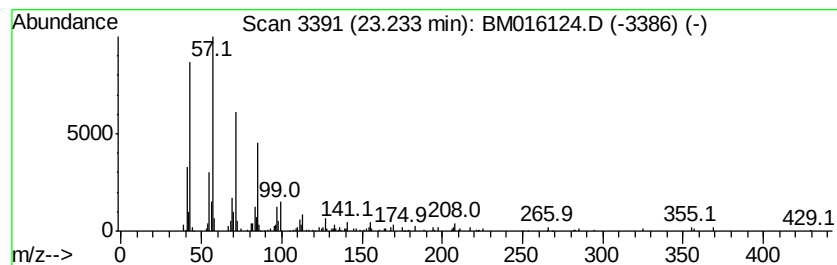
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	4.36 ng/ul	221654	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	93
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		2-methyloctacosane	408	C29H60	1000376-72-8	87



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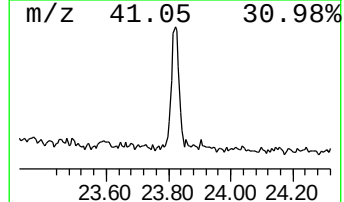
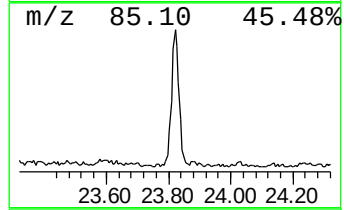
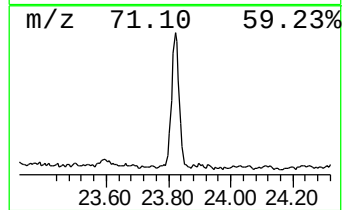
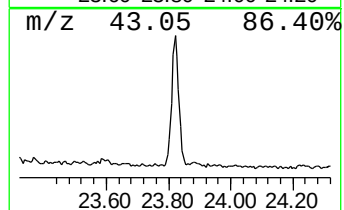
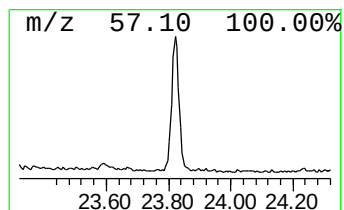
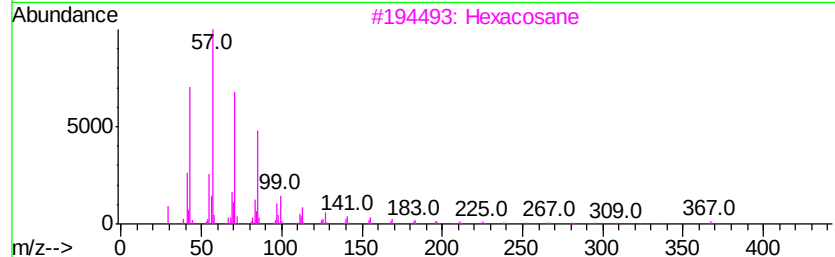
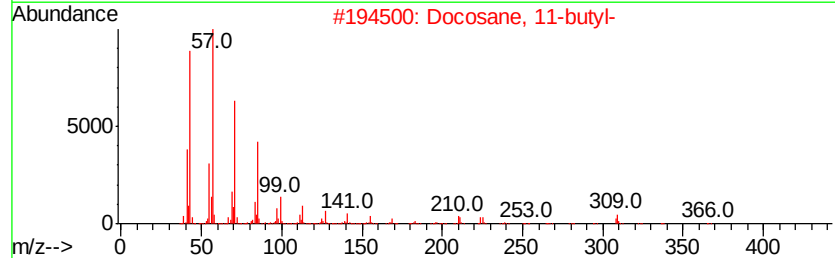
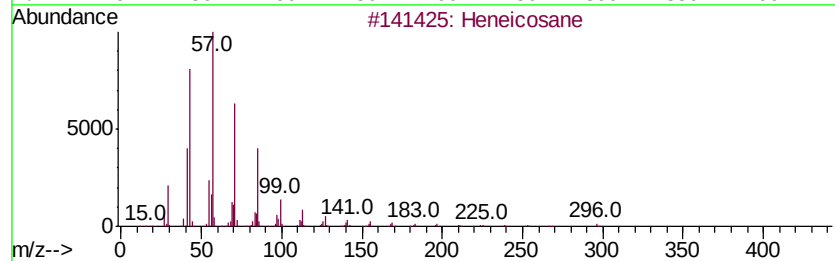
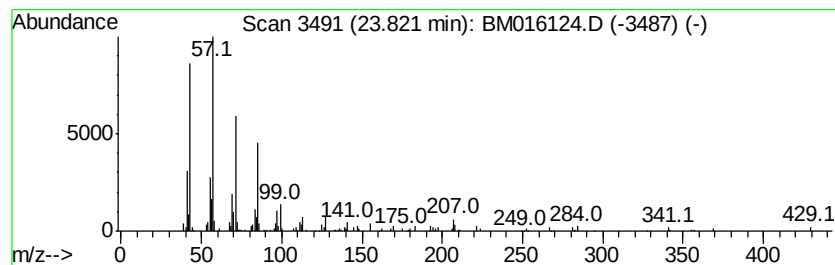
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	4.70 ng/ul	238606	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073018\
Data File : BM016124.D
Acq On : 30 Jul 2018 19:37
Operator : SJ/JU
Sample : J4149-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1H9

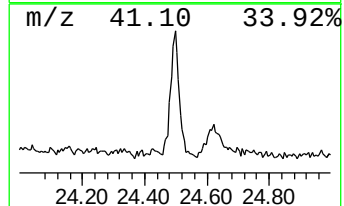
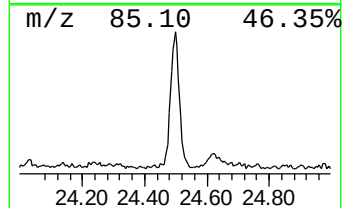
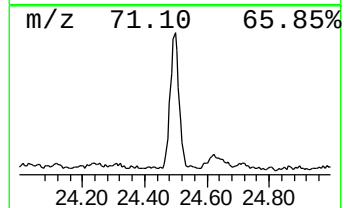
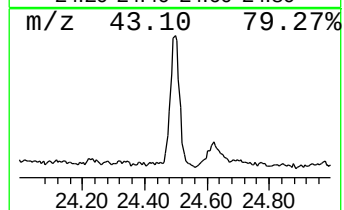
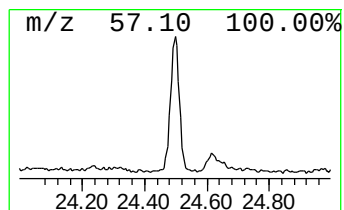
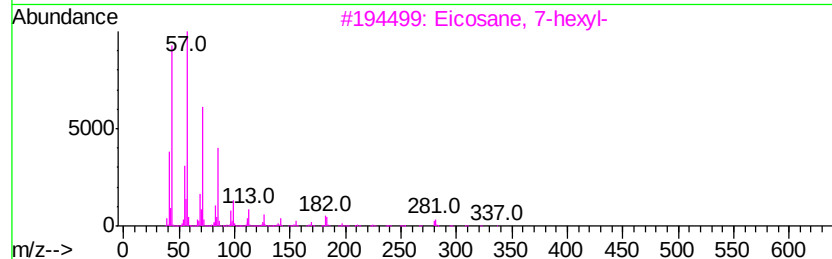
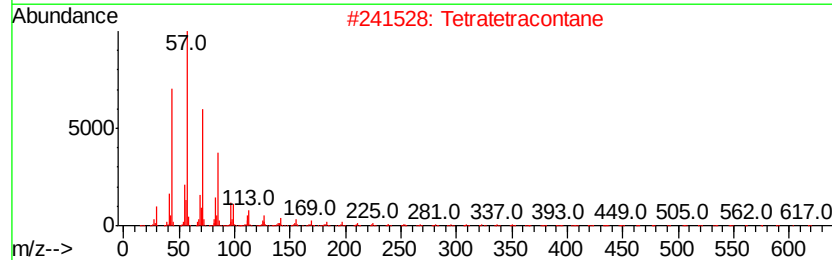
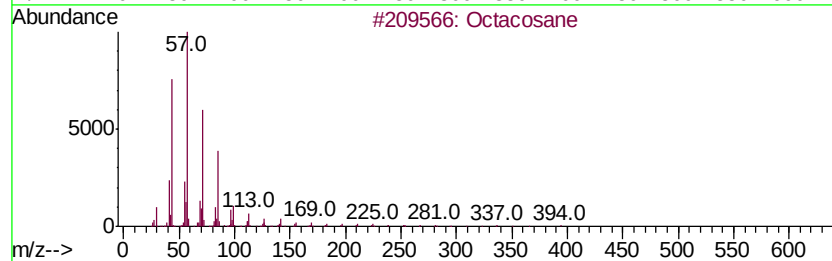
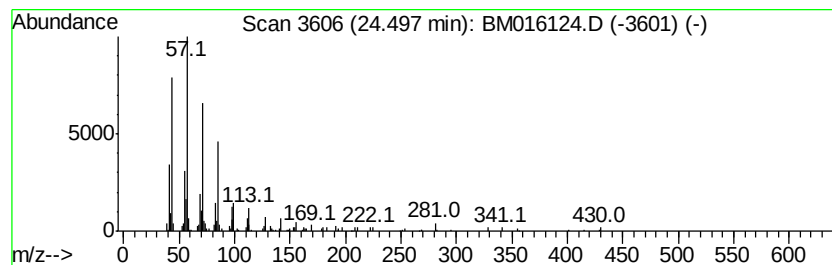
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.50	5.12 ng/ul	260009	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	93
2		Tetratetracontane	619	C44H90	007098-22-8	93
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073018\
Data File : BM016124.D
Acq On : 30 Jul 2018 19:37
Operator : SJ/JU
Sample : J4149-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JJ1H9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.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	18.40	26.2	ng/ul	492914	4	17.66	375996	20.0
Octadecanoic acid	19.66	13.5	ng/ul	254041	4	17.66	375996	20.0
(DEL) Alkane: Cyc...	21.35	6.5	ng/ul	339055	5	21.67	1047800	20.0
(DEL) Alkane: Str...	22.70	2.9	ng/ul	151580	5	21.67	1047800	20.0
(DEL) Alkane: Str...	23.23	4.4	ng/ul	221654	6	24.03	1016410	20.0
(DEL) Alkane: Str...	23.82	4.7	ng/ul	238606	6	24.03	1016410	20.0
(DEL) Alkane: Str...	24.50	5.1	ng/ul	260009	6	24.03	1016410	20.0