

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022299.D
 Acq On : 24 Aug 2019 18:16
 Operator : HP/JU
 Sample : K4373-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AG6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % 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-BM082219MA.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	3.134	21	25	29	rVB3	4928	7160	0.32%	0.035%
2	3.722	120	125	133	rBV2	3649	7803	0.35%	0.038%
3	6.751	634	640	651	rBV2	31902	63745	2.88%	0.308%
4	6.910	662	667	684	rBV	115693	194820	8.80%	0.942%
5	7.093	692	698	708	rBV	150574	247878	11.20%	1.198%
6	7.551	771	776	784	rBV	134671	215165	9.72%	1.040%
7	8.275	894	899	913	rVB2	115335	192037	8.68%	0.928%
8	8.392	915	919	924	rBV2	3134	4925	0.22%	0.024%
9	8.722	969	975	985	rBV	183959	311311	14.06%	1.505%
10	9.039	1025	1029	1035	rVB2	2745	3928	0.18%	0.019%
11	9.434	1090	1096	1105	rBV	179510	291661	13.18%	1.410%
12	9.969	1180	1187	1206	rBV2	192953	418589	18.91%	2.023%
13	10.328	1241	1248	1258	rVB	208010	336151	15.19%	1.625%
14	10.522	1276	1281	1292	rBV2	7490	13680	0.62%	0.066%
15	10.886	1338	1343	1349	rBV2	1866	2920	0.13%	0.014%
16	10.945	1349	1353	1358	rVV2	3067	4452	0.20%	0.022%
17	11.033	1361	1368	1375	rBV2	2768	6642	0.30%	0.032%
18	11.863	1504	1509	1517	rVB2	2871	4634	0.21%	0.022%
19	11.939	1517	1522	1527	rVB2	2474	3626	0.16%	0.018%
20	13.086	1714	1717	1722	rVB3	3020	4099	0.19%	0.020%
21	13.639	1804	1811	1815	rBV	522559	752938	34.01%	3.640%
22	13.686	1815	1819	1829	rVB	45097	65594	2.96%	0.317%
23	13.904	1849	1856	1867	rBV	600881	878428	39.68%	4.246%
24	14.210	1901	1908	1915	rBV	346710	496853	22.45%	2.402%
25	14.510	1953	1959	1968	rBV3	11594	31904	1.44%	0.154%
26	14.686	1983	1989	1991	rVB	1720	2450	0.11%	0.012%
27	14.980	2035	2039	2041	rBV2	2805	3538	0.16%	0.017%
28	15.057	2047	2052	2056	rVB	13833	15664	0.71%	0.076%
29	15.216	2072	2079	2088	rBV	813376	1125458	50.84%	5.441%
30	15.380	2102	2107	2116	rBV	180800	266305	12.03%	1.287%
31	15.457	2116	2120	2123	rVB3	6846	7907	0.36%	0.038%
32	15.592	2140	2143	2148	rBV3	4670	6699	0.30%	0.032%
33	15.992	2209	2211	2216	rBV2	2386	2806	0.13%	0.014%
34	16.974	2371	2378	2387	rBV	445212	618049	27.92%	2.988%

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Integration Parameters: LSCINT.P

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35	17.074	2389	2395	2405	rVB	952858	1317115	59.50%	6.367%
36	17.327	2434	2438	2445	rBV3	14962	22280	1.01%	0.108%
37	17.868	2525	2530	2540	rBV	64631	90723	4.10%	0.439%
38	17.939	2540	2542	2546	rVB3	2936	3894	0.18%	0.019%
39	18.404	2619	2621	2624	rBV2	1584	2280	0.10%	0.011%
40	18.651	2661	2663	2667	rVB2	1610	2354	0.11%	0.011%
41	18.986	2716	2720	2721	rBV4	1738	2409	0.11%	0.012%
42	19.015	2721	2725	2728	rVV	10441	15495	0.70%	0.075%
43	19.045	2728	2730	2732	rVB2	5214	5033	0.23%	0.024%
44	19.156	2745	2749	2756	rBV	41190	58973	2.66%	0.285%
45	19.268	2764	2768	2772	rVB	5484	6719	0.30%	0.032%
46	19.380	2781	2787	2796	rBV	1280998	1727435	78.04%	8.350%
47	19.892	2872	2874	2875	rBV2	3645	2507	0.11%	0.012%
48	20.415	2961	2963	2967	rVB4	10088	10653	0.48%	0.051%
49	20.886	3039	3043	3052	rBV5	75723	106072	4.79%	0.513%
50	20.968	3054	3057	3062	rBV2	42992	56198	2.54%	0.272%
51	21.186	3089	3094	3102	rBV	585307	757009	34.20%	3.659%
52	22.192	3261	3265	3272	rBV2	93159	127136	5.74%	0.615%
53	22.674	3345	3347	3352	rVB	60563	78817	3.56%	0.381%
54	22.774	3360	3364	3374	rVB2	96752	150838	6.81%	0.729%
55	23.239	3436	3443	3452	rVB	758320	1414578	63.90%	6.838%
56	23.380	3461	3467	3472	rBV	320305	585065	26.43%	2.828%
57	23.433	3472	3476	3487	rVB	173540	343878	15.53%	1.662%
58	23.833	3541	3544	3551	rVB2	61559	109165	4.93%	0.528%
59	24.209	3601	3608	3616	rVB2	265775	600261	27.12%	2.902%
60	25.121	3756	3763	3777	rVB2	368984	1004716	45.39%	4.857%
61	26.232	3943	3952	3964	rVB	450214	1390673	62.82%	6.723%
62	27.585	4171	4182	4197	rVB2	477959	1870944	84.52%	9.044%
63	29.232	4451	4462	4482	rVB2	454041	2213606	100.00%	10.701%

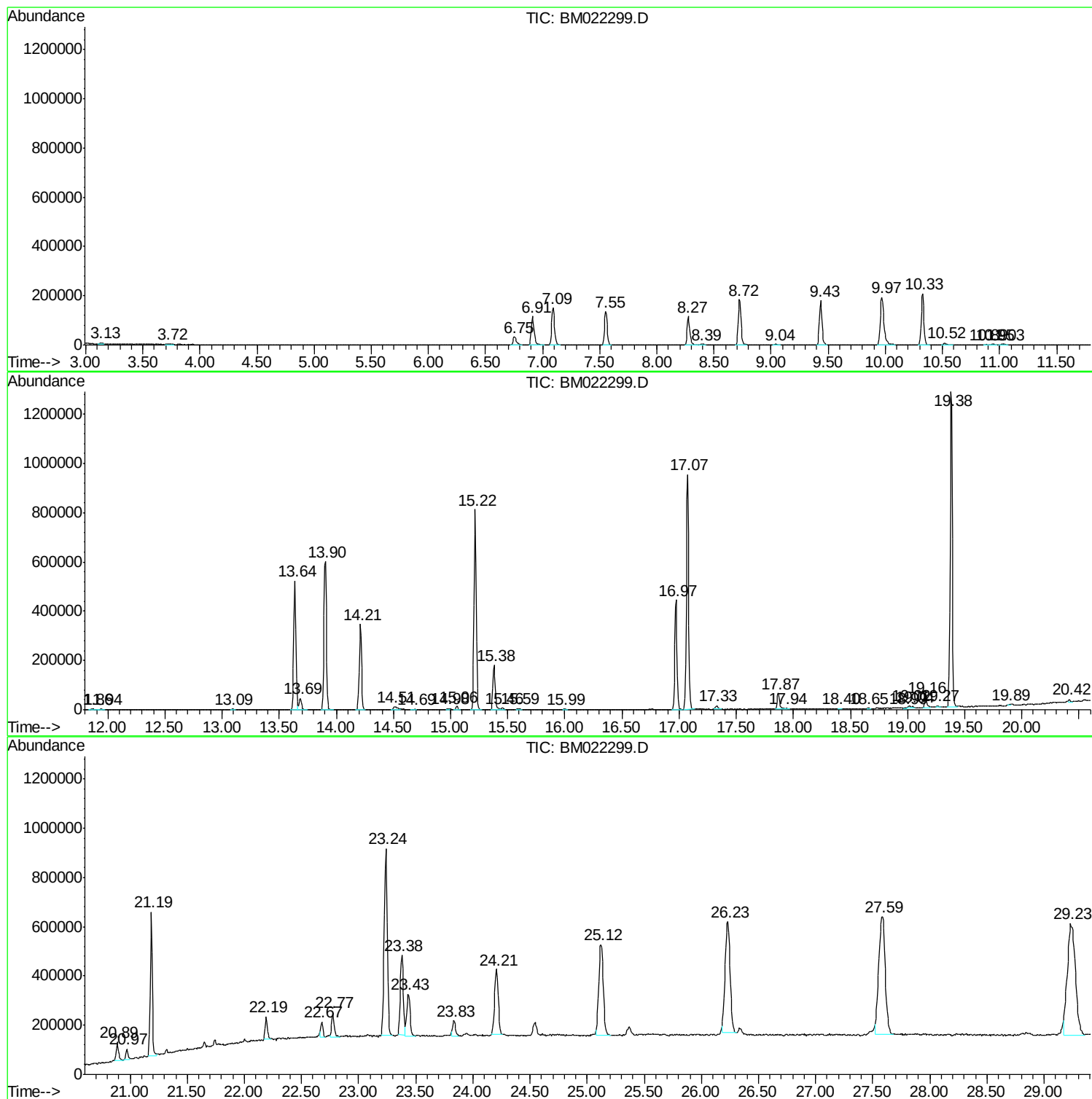
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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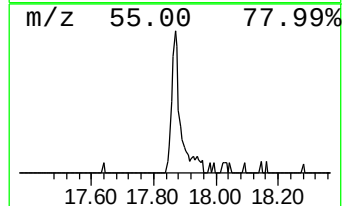
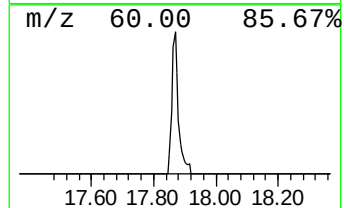
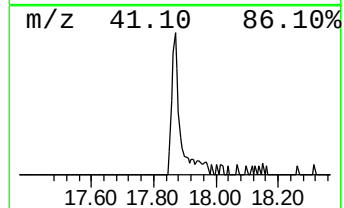
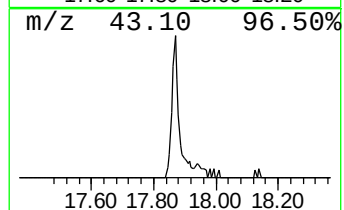
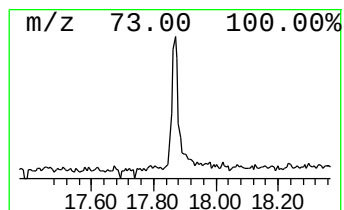
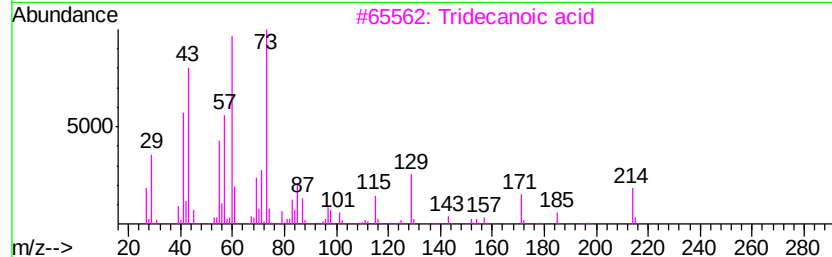
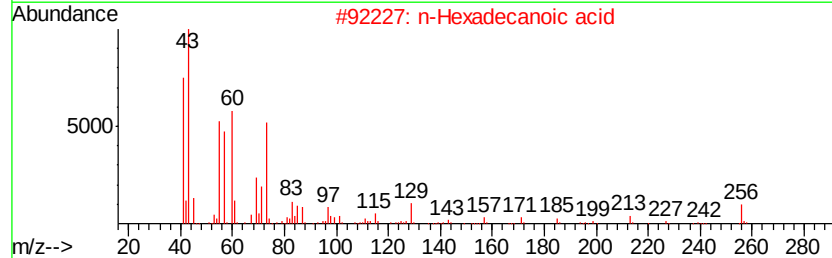
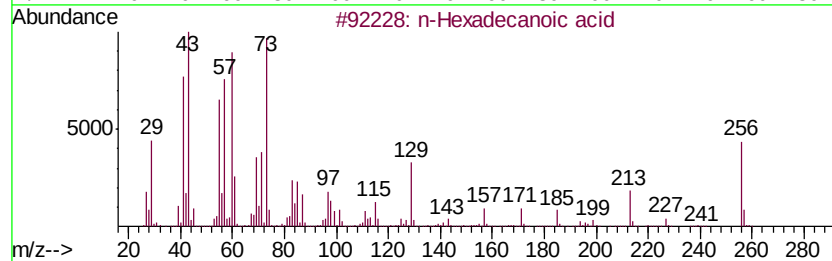
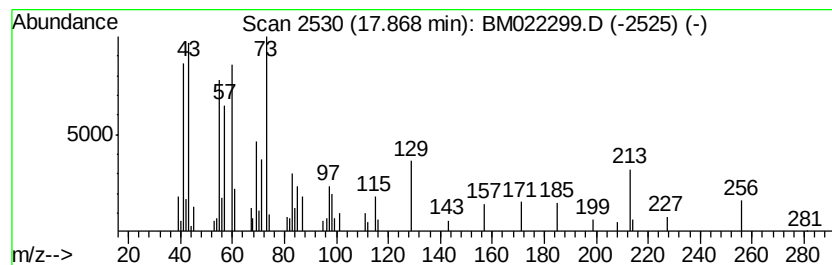
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	2.94 ng/ul	90723	Phenanthrene-d10		16.97	
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	96
3	Tridecanoic acid		214	C13H26O2	000638-53-9	94
4	Tridecanoic acid		214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	76



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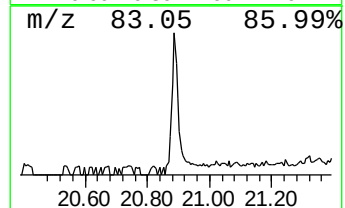
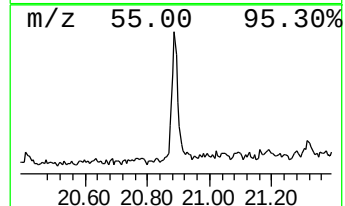
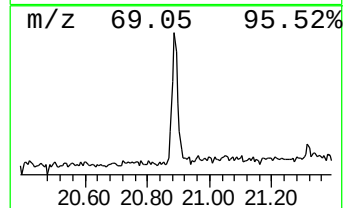
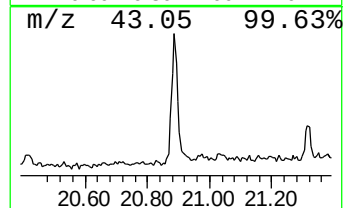
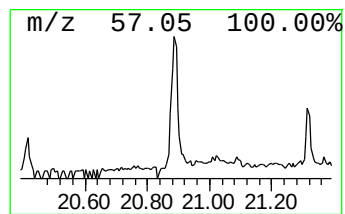
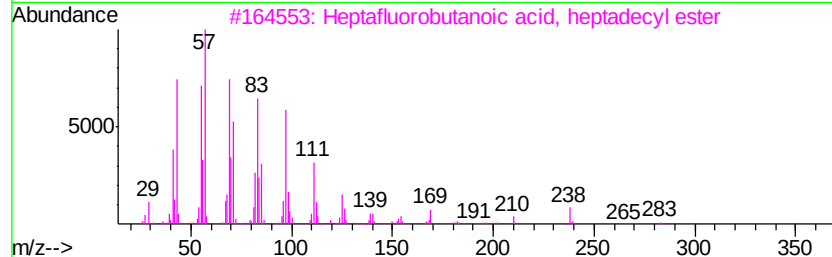
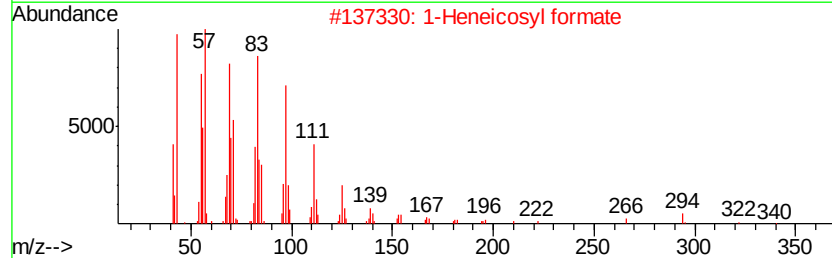
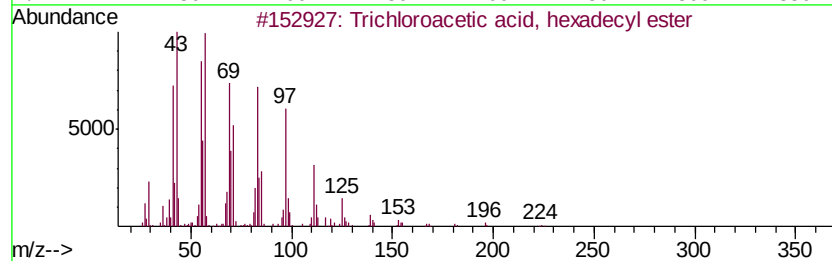
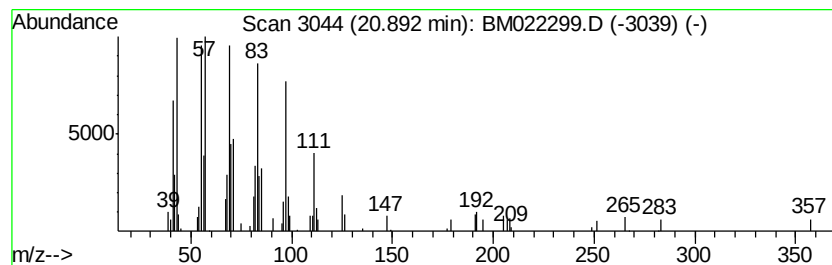
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.89	2.80 ng/ul	106072	Chrysene-d12	21.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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Instrument :
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ClientSampled :
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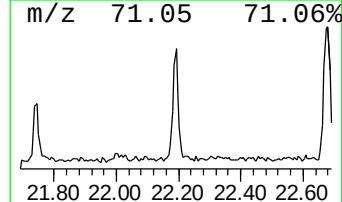
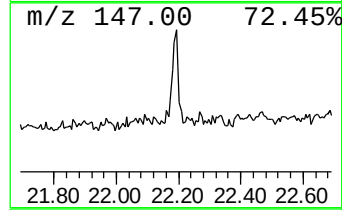
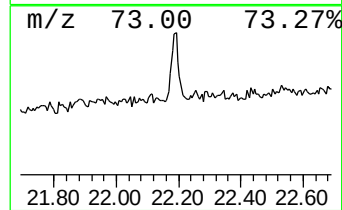
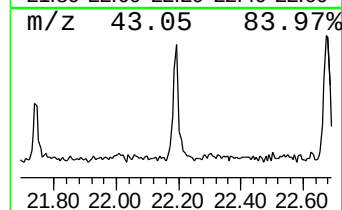
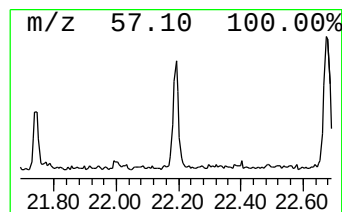
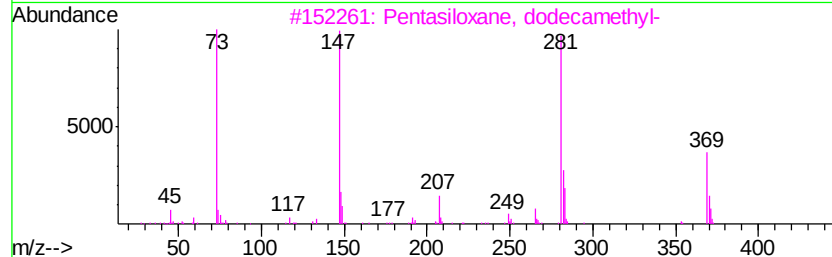
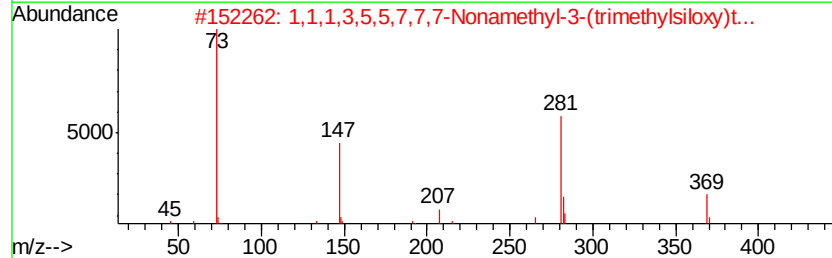
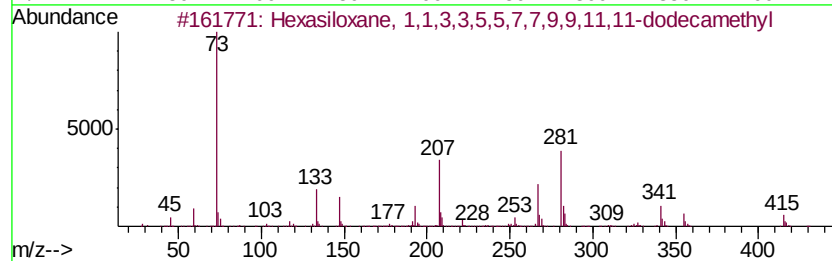
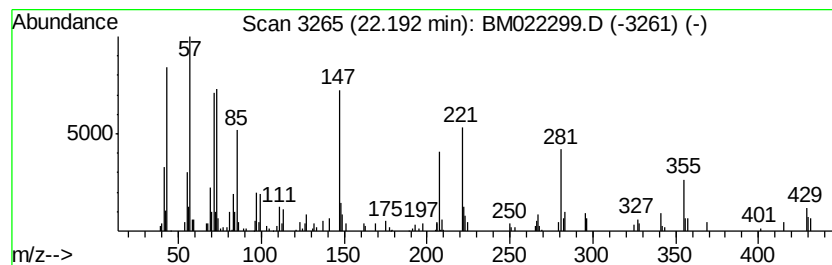
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	3.36 ng/ul	127136	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	16
2		1,1,1,3,5,5,7,7,7-Nonamethyl-3-(...	384	C12H36O4Si5	038146-99-5	12
3		Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	12
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	10
5		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	10



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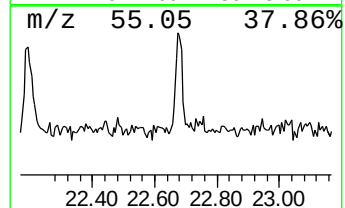
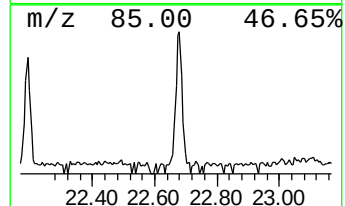
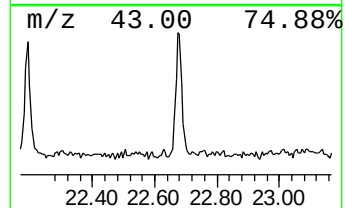
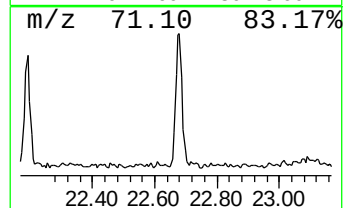
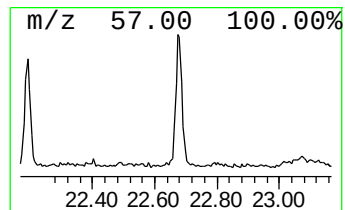
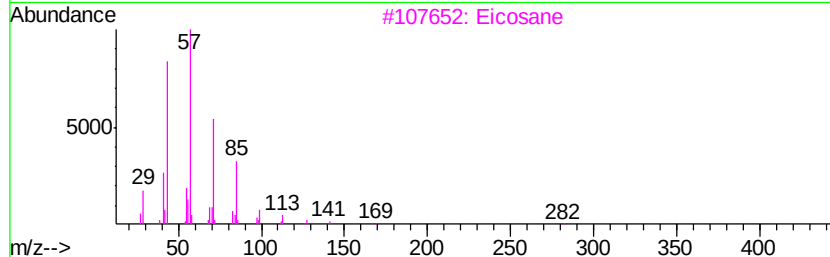
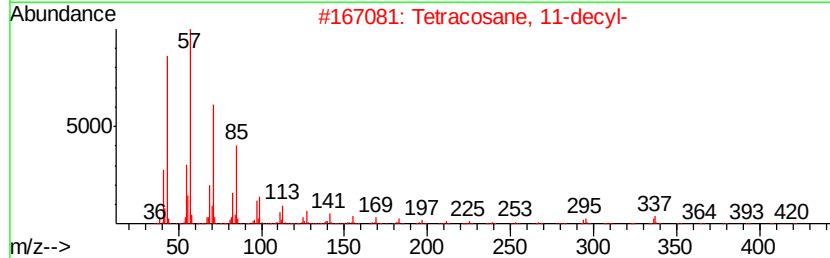
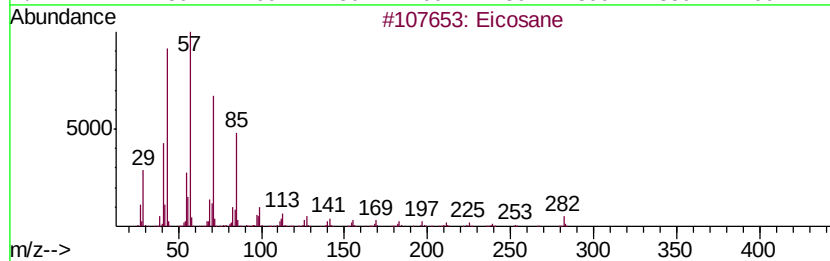
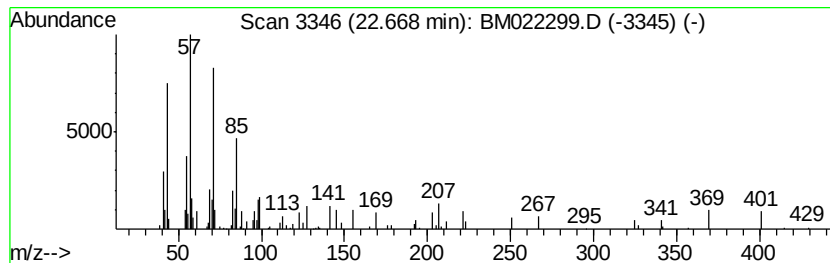
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.69 ng/ul	78817	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83
3		Eicosane	282	C20H42	000112-95-8	83
4		Tetratetracontane	619	C44H90	007098-22-8	80
5		Octacosane	394	C28H58	000630-02-4	74



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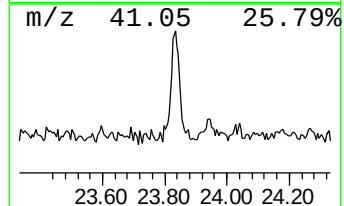
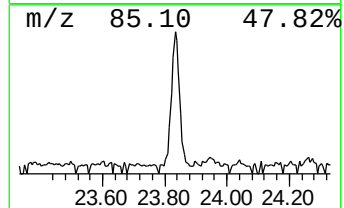
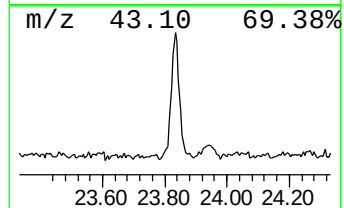
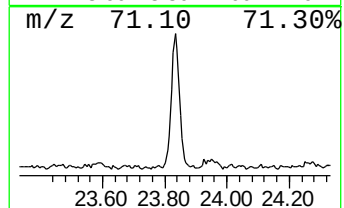
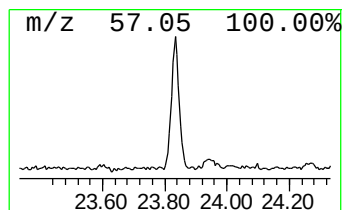
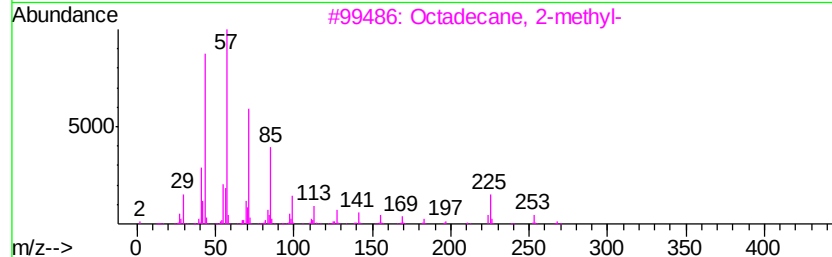
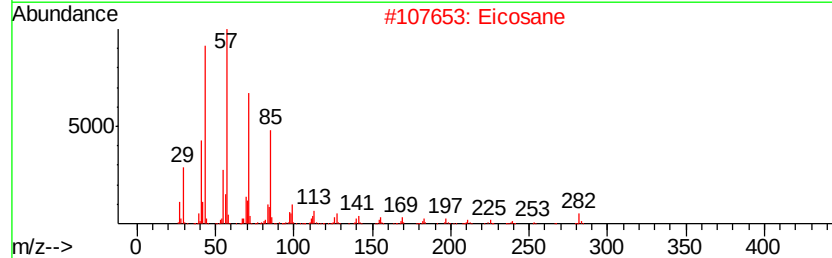
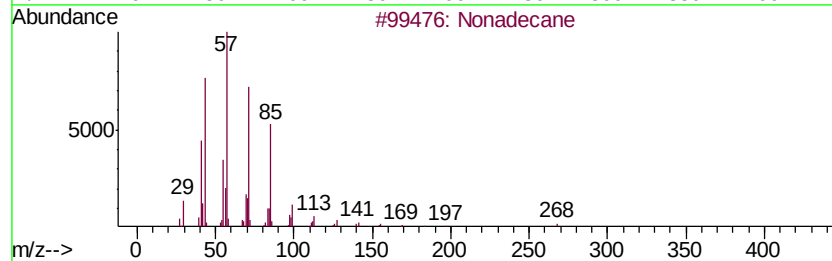
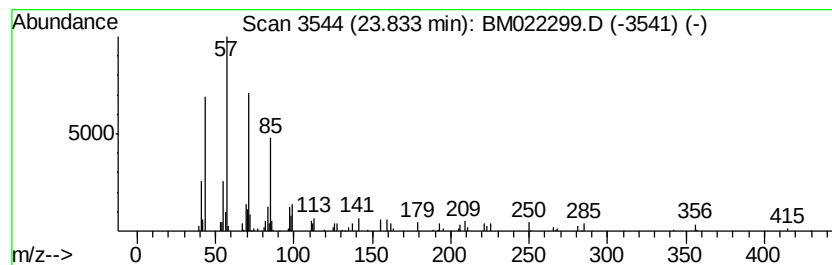
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	3.73 ng/ul	109165	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Eicosane	282	C20H42	000112-95-8	80
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5		Nonacosane	408	C29H60	000630-03-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022299.D
Acq On : 24 Aug 2019 18:16
Operator : HP/JU
Sample : K4373-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

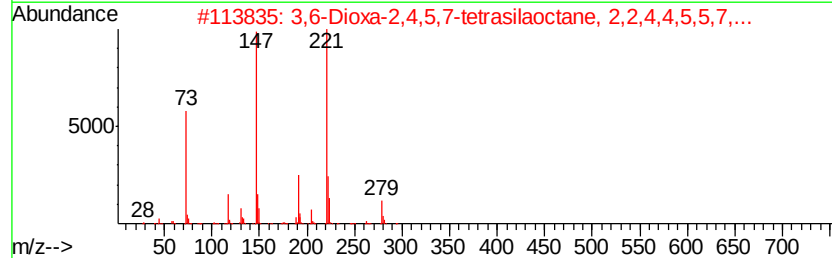
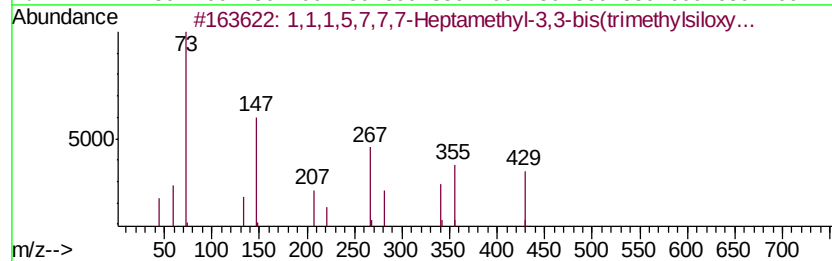
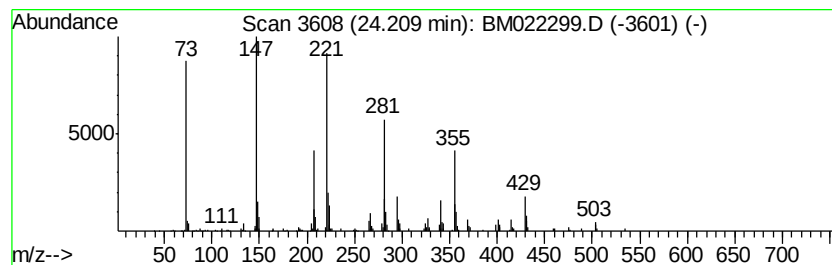
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.21	20.52 ng/ul	600261	Perylene-d12	23.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	50
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	Cyclodecasiloxane, eicosamethyl-	740	C20H60O10Si10	018772-36-6	32
4	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	32
5	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022299.D
Acq On : 24 Aug 2019 18:16
Operator : HP/JU
Sample : K4373-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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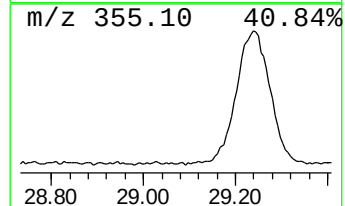
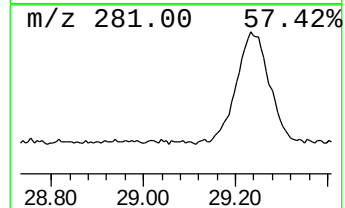
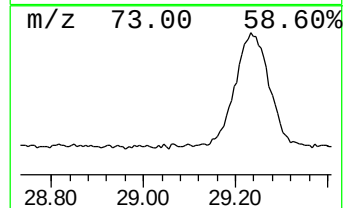
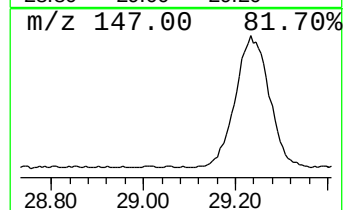
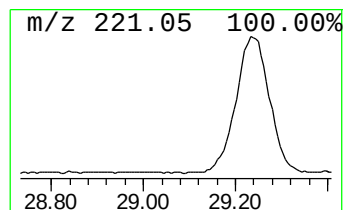
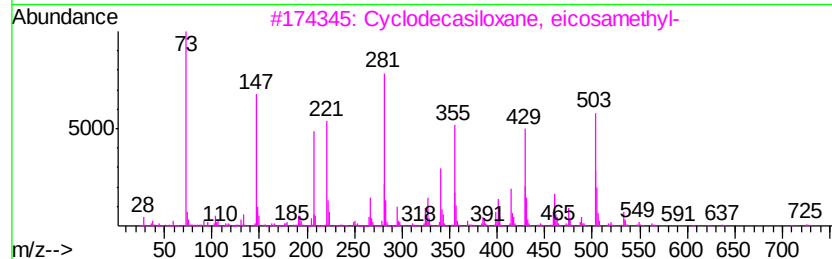
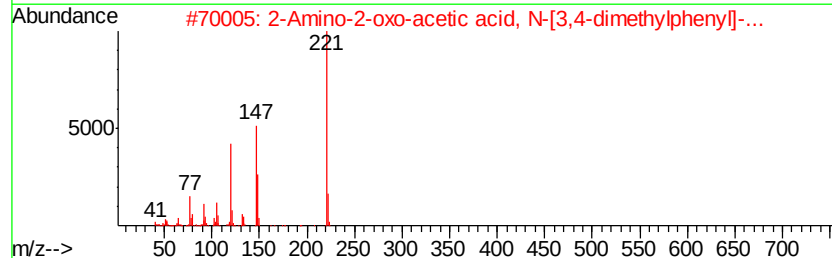
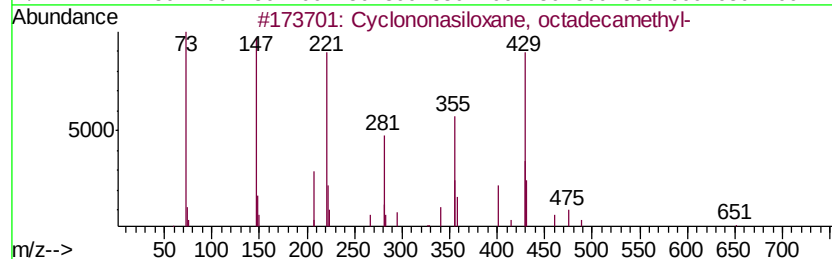
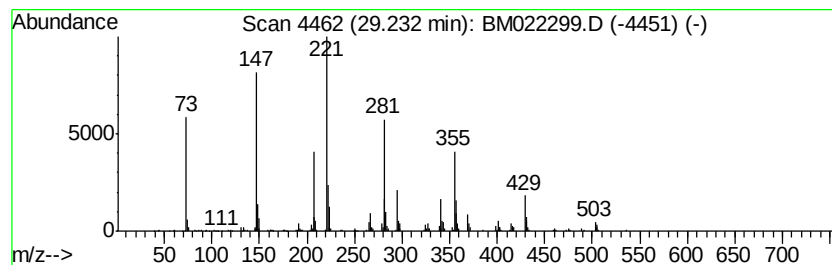
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Cyclononasiloxane, octadeca... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.23	75.67 ng/ul	2213610	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclononasiloxane, octadecamethyl-	666	C18H5409Si9	000556-71-8	86
2		2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15N03	024451-17-0	32
3		Cyclodecasiloxane, eicosamethyl-	740	C20H60010Si10	018772-36-6	32
4		Heptasiloxane, hexadecamethyl-	532	C16H4806Si7	000541-01-5	22
5		2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29N02Si2	1000079-52-1	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022299.D
Acq On : 24 Aug 2019 18:16
Operator : HP/JU
Sample : K4373-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.9	ng/ul	90723	4	16.97	618049	20.0
Trichloroacetic a...	20.89	2.8	ng/ul	106072	5	21.19	757009	20.0
unknown-01	22.19	3.4	ng/ul	127136	5	21.19	757009	20.0
(DEL) Alkane: Str...	22.67	2.7	ng/ul	78817	6	23.38	585065	20.0
(DEL) Alkane: Str...	23.83	3.7	ng/ul	109165	6	23.38	585065	20.0
1,1,1,5,7,7,7-Hep...	24.21	20.5	ng/ul	600261	6	23.38	585065	20.0
Cyclononasiloxane...	29.23	75.7	ng/ul	2213610	6	23.38	585065	20.0