

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021503.D
 Acq On : 17 Jul 2019 23:30
 Operator : HP/JU
 Sample : K3772-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52R1

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-BM070819MA.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	3.222	35	40	55	rVB	1831555	2701513	38.32%	4.607%
2	6.898	660	665	674	rVB	179501	302116	4.29%	0.515%
3	7.069	688	694	702	rBV	568422	942483	13.37%	1.607%
4	7.251	720	725	736	rVB	688290	1126898	15.99%	1.922%
5	7.722	799	805	813	rVB	777855	1225804	17.39%	2.090%
6	8.428	919	925	934	rVB	523197	858091	12.17%	1.463%
7	8.886	996	1003	1014	rBV	784558	1325751	18.81%	2.261%
8	9.598	1117	1124	1137	rVB	656534	1091050	15.48%	1.861%
9	10.133	1208	1215	1233	rBV	899327	1691296	23.99%	2.884%
10	10.504	1271	1278	1286	rVB	1006188	1689452	23.97%	2.881%
11	10.669	1298	1306	1317	rBV	56360	126655	1.80%	0.216%
12	12.110	1546	1551	1557	rVB2	11965	19627	0.28%	0.033%
13	12.963	1692	1696	1702	rVB4	6185	9272	0.13%	0.016%
14	13.780	1829	1835	1840	rBV	1907867	2568788	36.44%	4.381%
15	13.827	1840	1843	1857	rVB	167176	225368	3.20%	0.384%
16	14.057	1875	1882	1897	rVB	2154650	3152155	44.71%	5.376%
17	14.363	1927	1934	1944	rBV2	1426641	2217401	31.45%	3.782%
18	14.445	1944	1948	1957	rVB5	6379	14372	0.20%	0.025%
19	14.598	1970	1974	1990	rBV2	61154	149538	2.12%	0.255%
20	14.786	2000	2006	2011	rBV5	12657	21698	0.31%	0.037%
21	15.204	2073	2077	2083	rBV5	5777	7718	0.11%	0.013%
22	15.362	2097	2104	2116	rBV	2793484	3933703	55.80%	6.709%
23	15.498	2121	2127	2141	rVV	650478	924855	13.12%	1.577%
24	15.604	2141	2145	2149	rVB2	29298	39518	0.56%	0.067%
25	16.145	2234	2237	2241	rVB2	9957	14371	0.20%	0.025%
26	16.904	2363	2366	2370	rVB3	6148	9360	0.13%	0.016%
27	17.115	2396	2402	2409	rBV2	1924892	2628331	37.28%	4.482%
28	17.215	2413	2419	2431	rVV	3070080	4200153	59.58%	7.163%
29	18.009	2549	2554	2563	rBV	253430	394811	5.60%	0.673%
30	18.086	2563	2567	2576	rVB	27978	52645	0.75%	0.090%
31	18.292	2599	2602	2605	rBV5	6301	7827	0.11%	0.013%
32	19.150	2743	2748	2758	rBV	56218	109907	1.56%	0.187%
33	19.292	2767	2772	2783	rBV2	196633	333059	4.72%	0.568%
34	19.398	2787	2790	2796	rVB	29570	42233	0.60%	0.072%

LSC Area Percent Report

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35	19.515	2804	2810	2822	rBV	3622672	5035820	71.44%	8.588%
36	21.009	3061	3064	3073	rBV3	151894	236914	3.36%	0.404%
37	21.303	3109	3114	3122	rBV	2296837	3068905	43.53%	5.234%
38	21.444	3135	3138	3142	rBV	273664	268269	3.81%	0.458%
39	21.880	3208	3212	3216	rBV	546382	630259	8.94%	1.075%
40	22.344	3287	3291	3296	rBV	953730	1154972	16.38%	1.970%
41	22.850	3373	3377	3384	rVB	1058183	1465773	20.79%	2.500%
42	23.415	3467	3473	3484	rVB	3817232	7049512	100.00%	12.022%
43	23.562	3492	3498	3509	rVB	1658410	3173807	45.02%	5.413%
44	24.062	3578	3583	3593	rVB	783758	1449499	20.56%	2.472%
45	24.809	3705	3710	3719	rVB	454911	945986	13.42%	1.613%

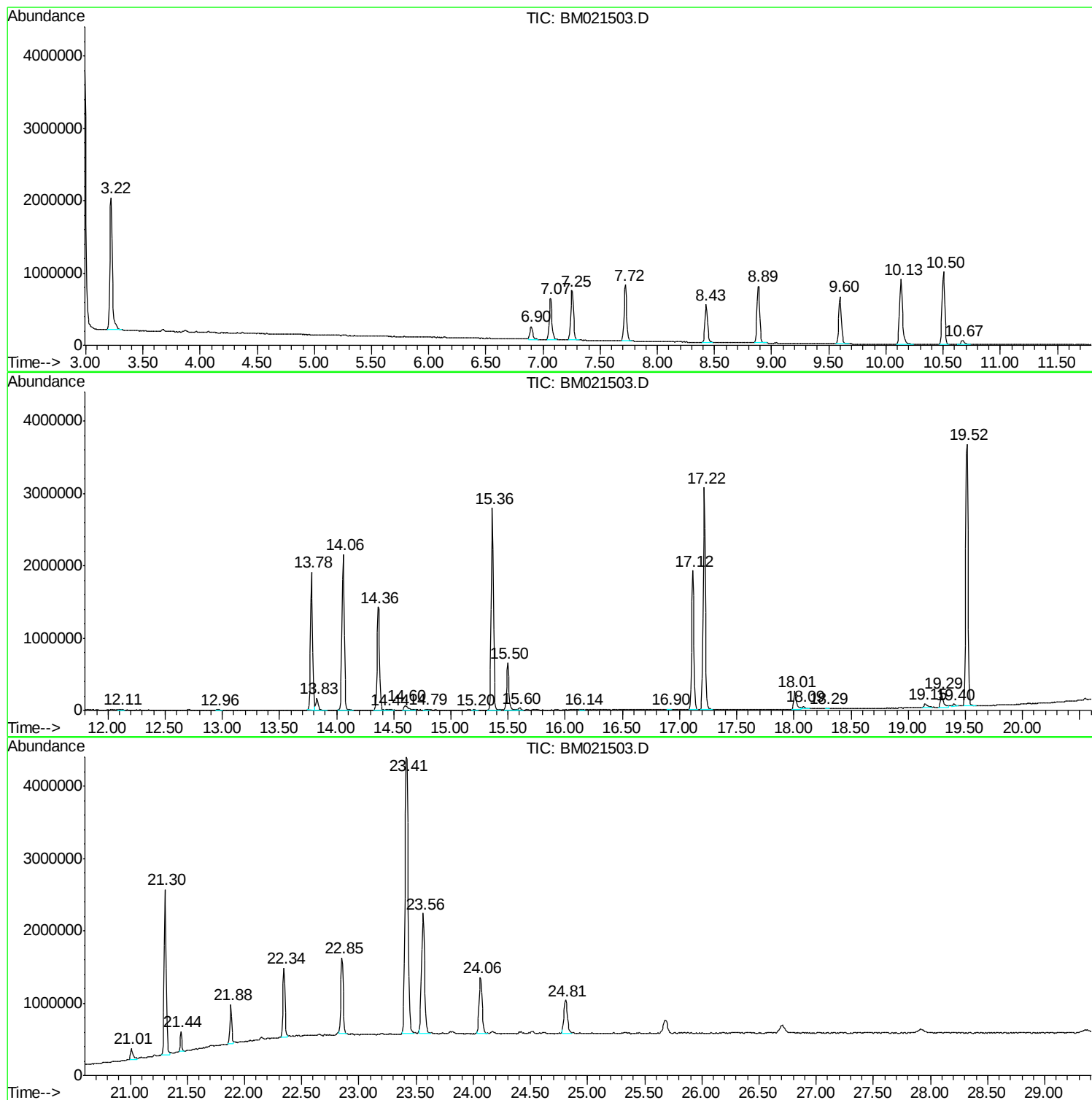
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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



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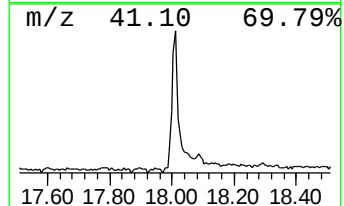
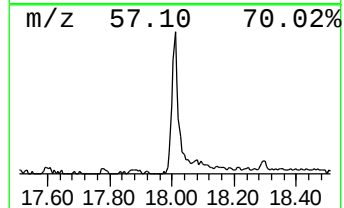
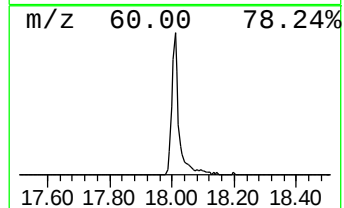
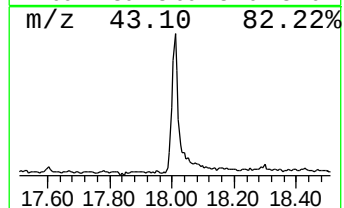
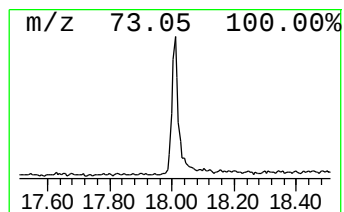
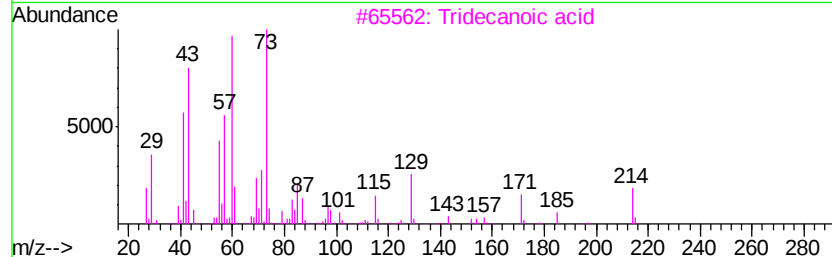
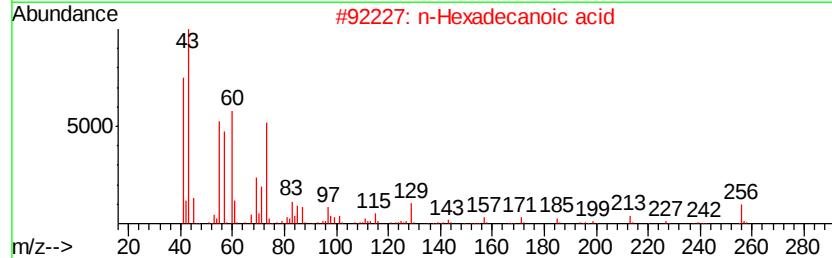
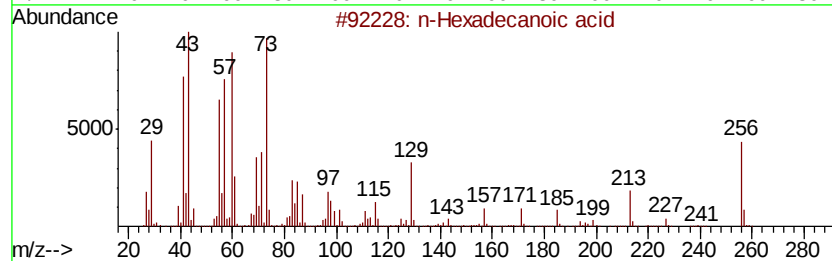
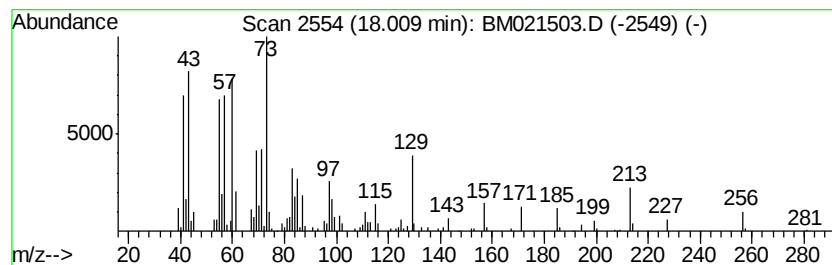
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	3.00 ng/ul	394811	Phenanthrene-d10	17.12	
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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43
5	Pentadecane	212	C15H32	000629-62-9	11



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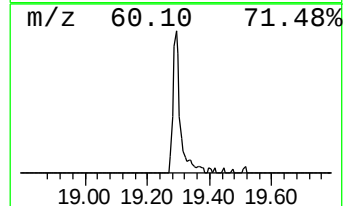
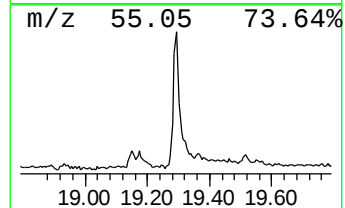
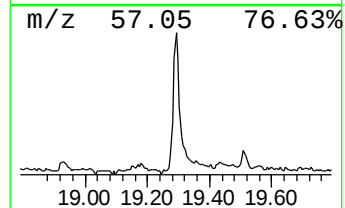
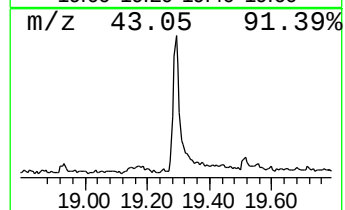
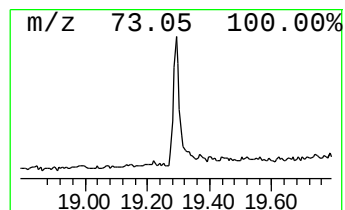
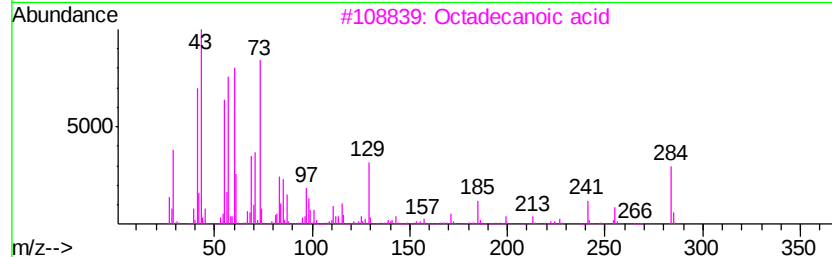
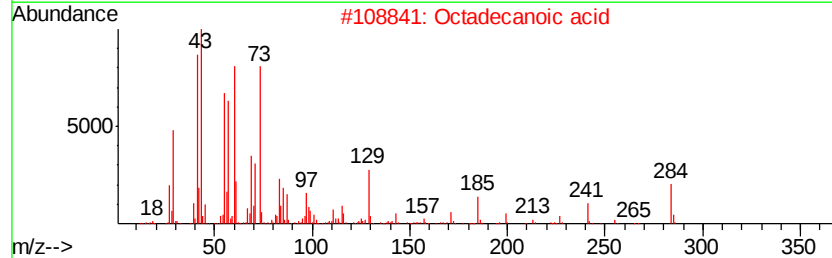
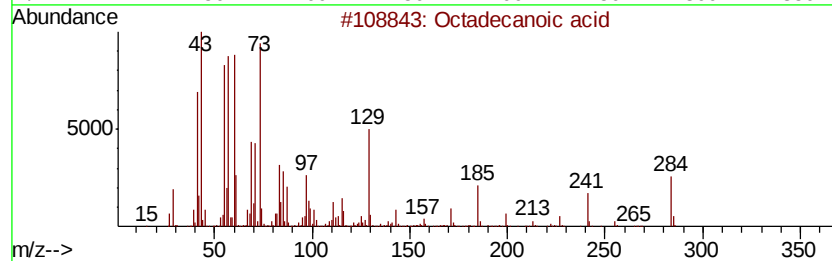
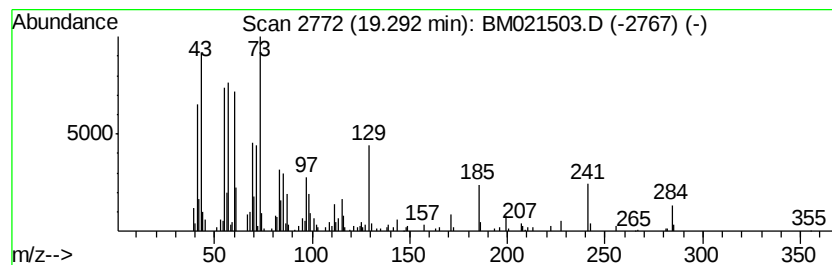
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.17 ng/ul	333059	Chrysene-d12	21.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72	



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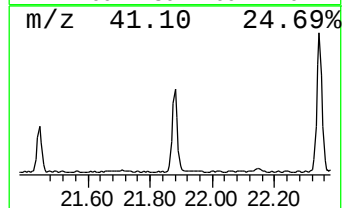
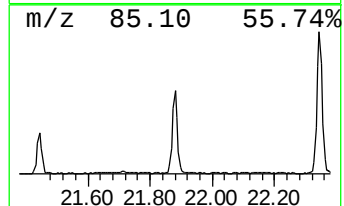
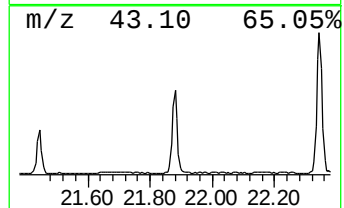
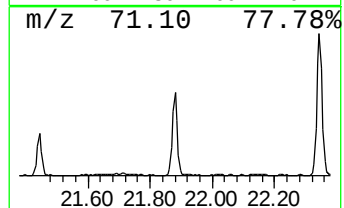
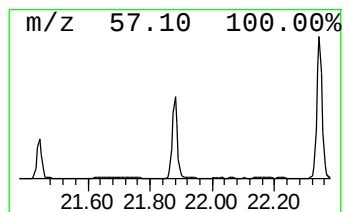
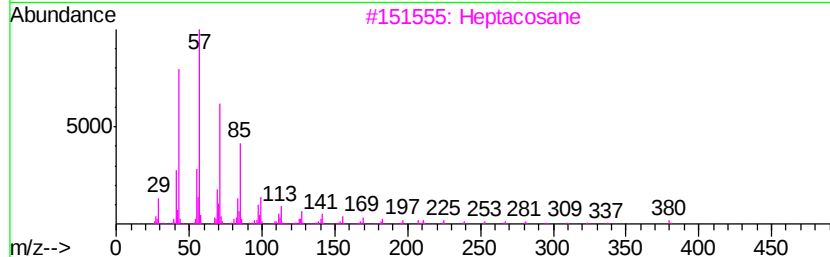
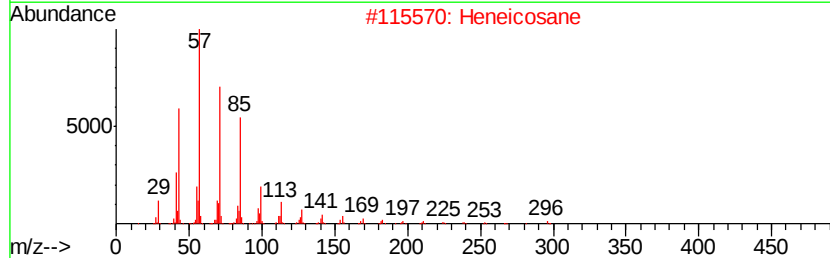
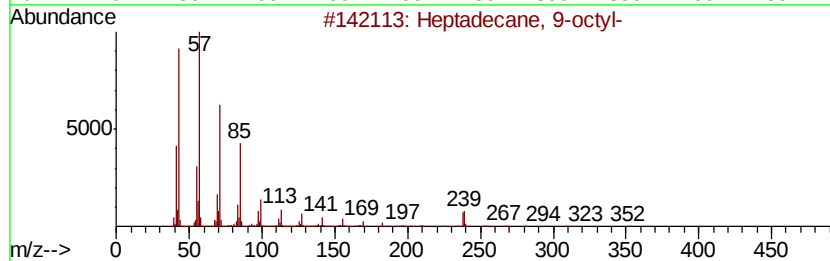
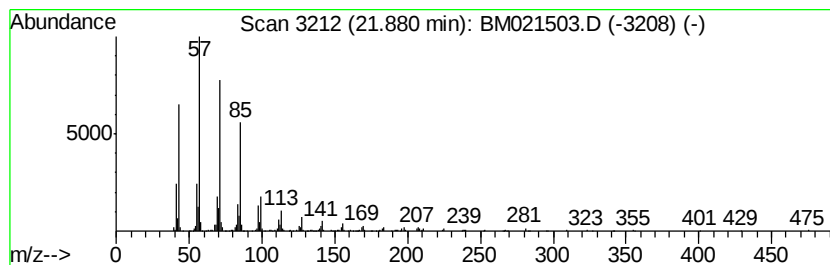
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	4.11 ng/ul	630259	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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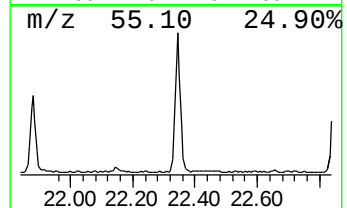
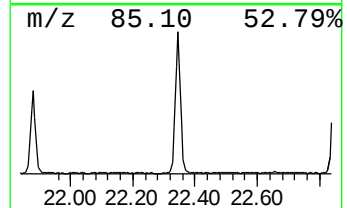
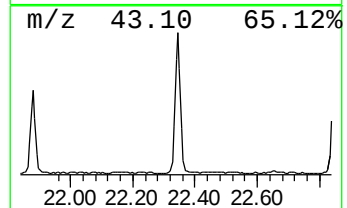
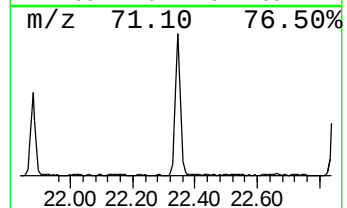
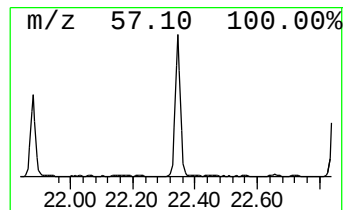
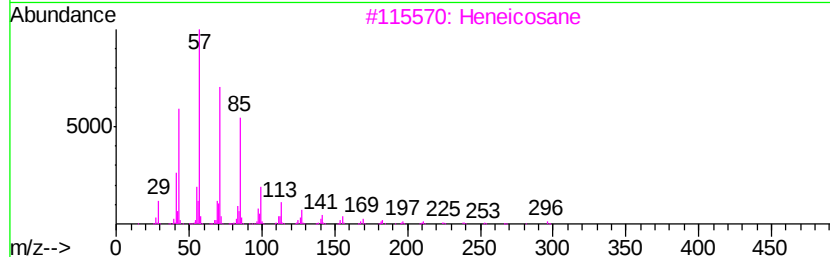
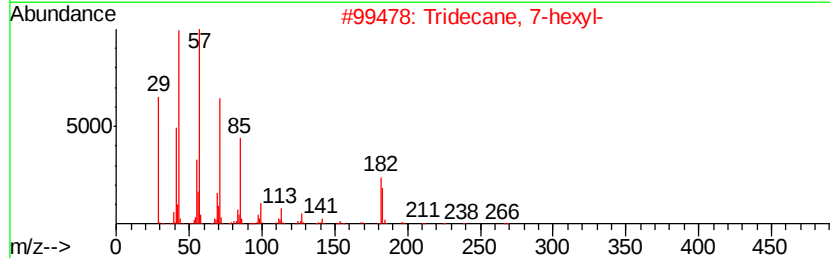
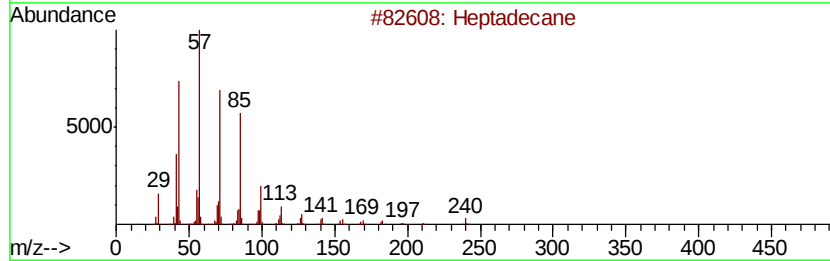
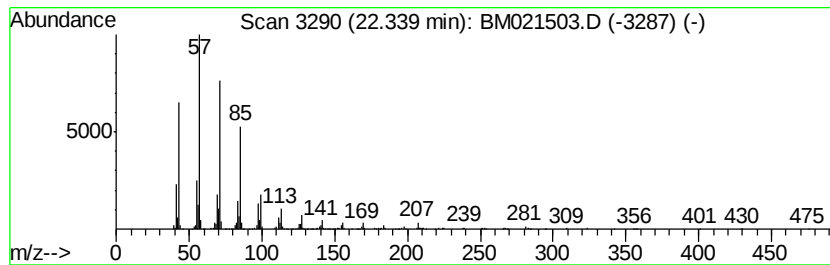
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	7.53 ng/ul	1154970	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Octacosane	394	C28H58	000630-02-4	91



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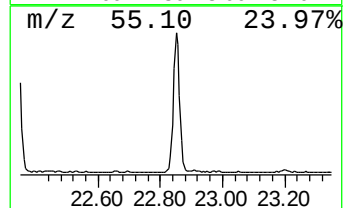
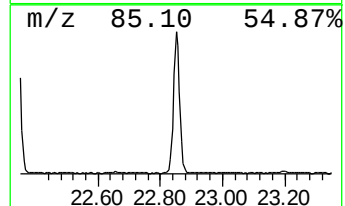
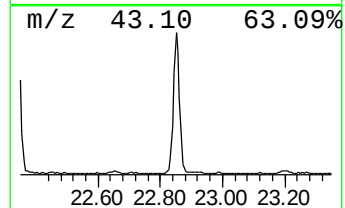
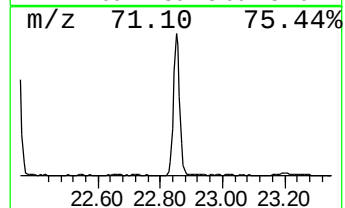
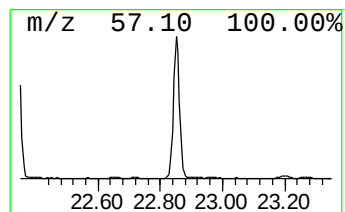
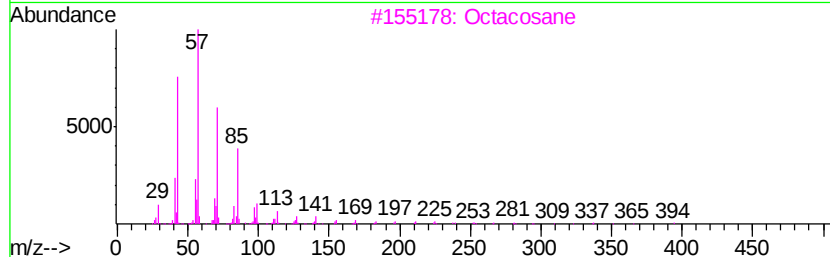
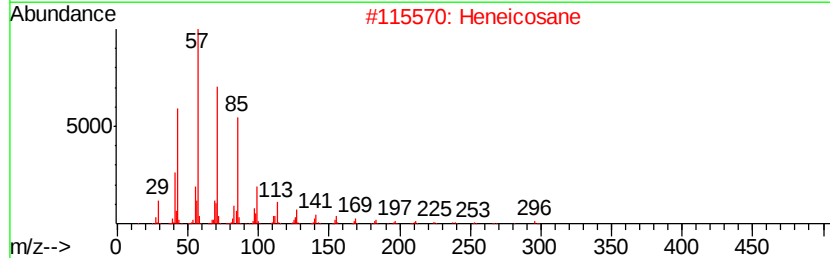
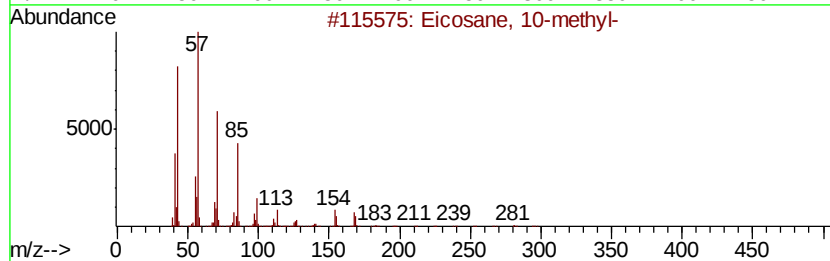
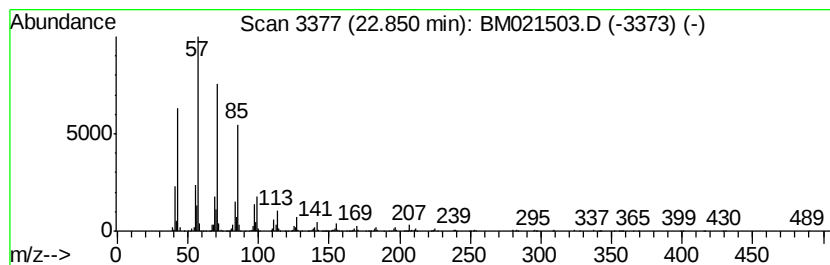
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	9.24 ng/ul	1465770	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021503.D
Acq On : 17 Jul 2019 23:30
Operator : HP/JU
Sample : K3772-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52R1

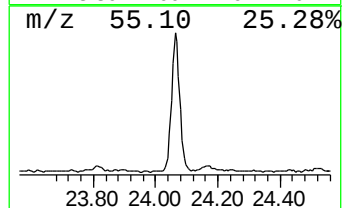
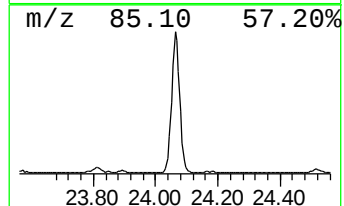
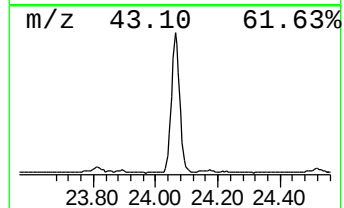
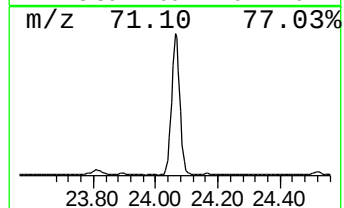
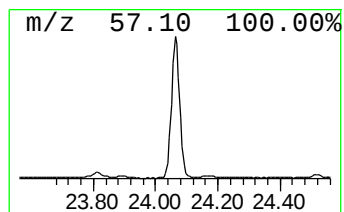
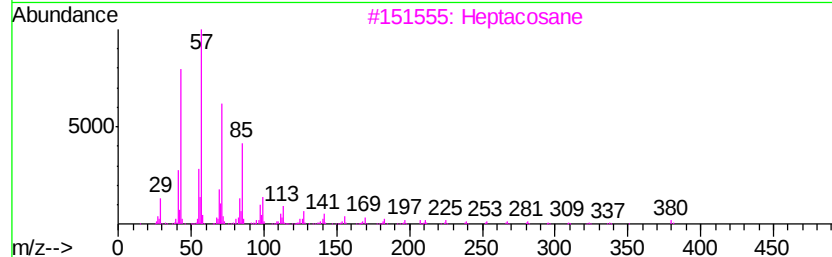
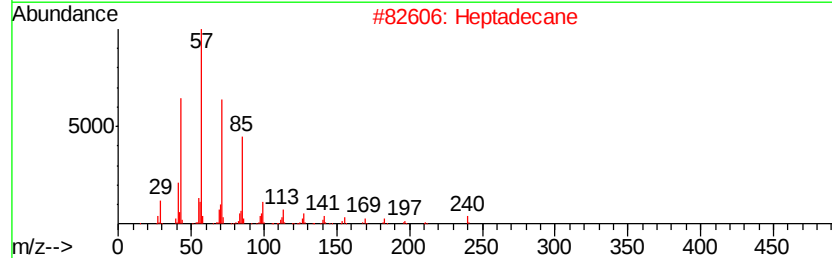
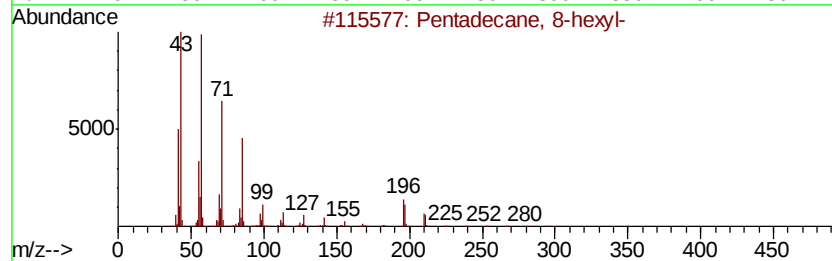
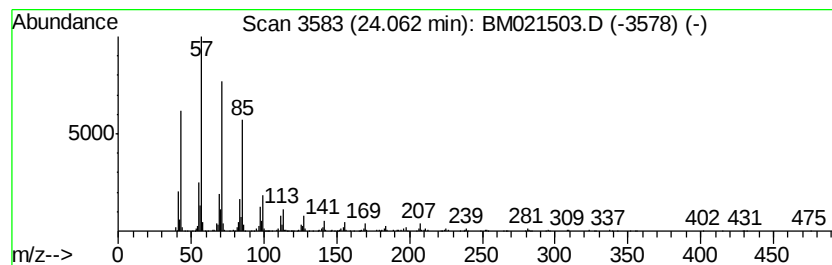
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	9.13 ng/ul	1449500	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2		Heptadecane	240	C17H36	000629-78-7	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
Data File : BM021503.D
Acq On : 17 Jul 2019 23:30
Operator : HP/JU
Sample : K3772-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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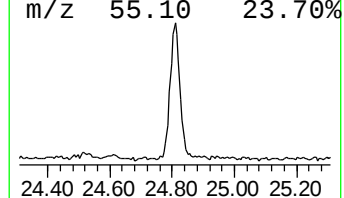
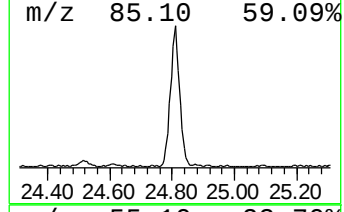
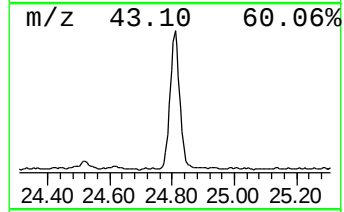
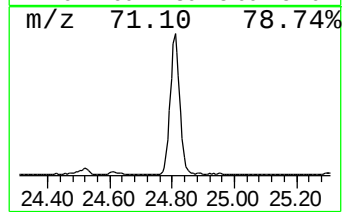
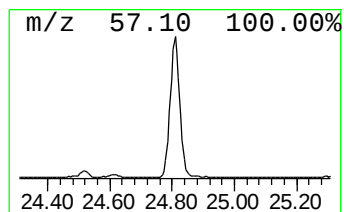
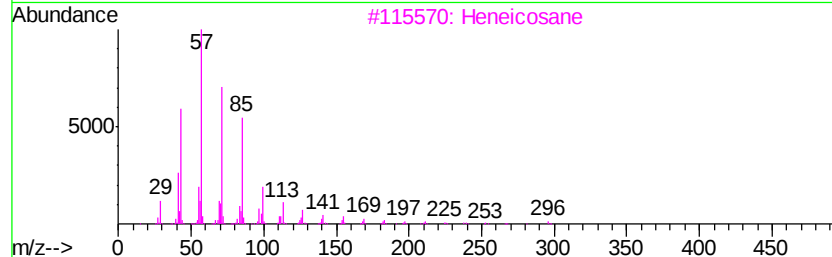
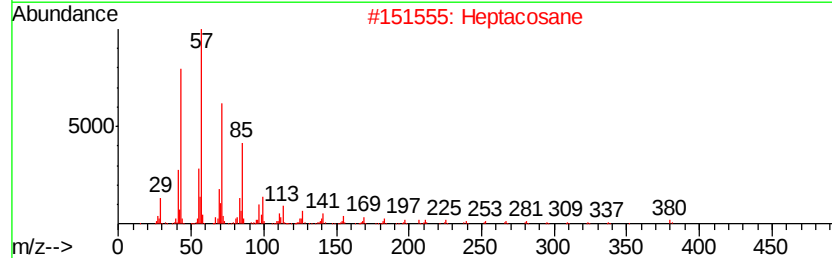
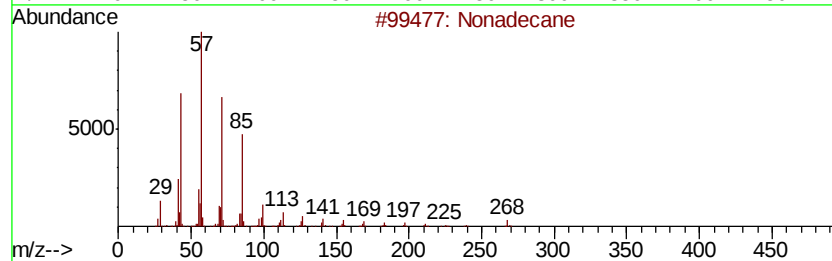
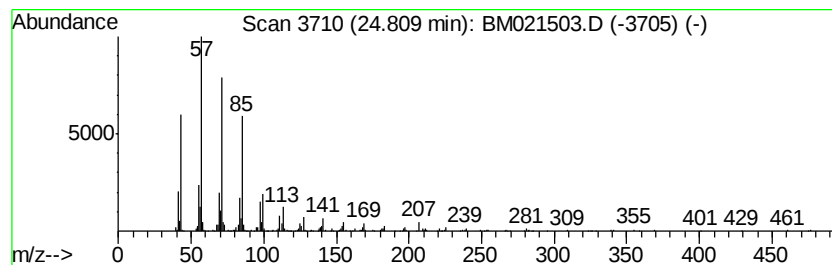
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	5.96 ng/ul	945986	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071719\
Data File : BM021503.D
Acq On : 17 Jul 2019 23:30
Operator : HP/JU
Sample : K3772-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52R1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.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	18.01	3.0	ng/ul	394811	4	17.12	2628330	20.0
Octadecanoic acid	19.29	2.2	ng/ul	333059	5	21.30	3068910	20.0
(DEL) Alkane: Str...	21.88	4.1	ng/ul	630259	5	21.30	3068910	20.0
(DEL) Alkane: Str...	22.34	7.5	ng/ul	1154970	5	21.30	3068910	20.0
(DEL) Alkane: Str...	22.85	9.2	ng/ul	1465770	6	23.56	3173810	20.0
(DEL) Alkane: Str...	24.06	9.1	ng/ul	1449500	6	23.56	3173810	20.0
(DEL) Alkane: Str...	24.81	6.0	ng/ul	945986	6	23.56	3173810	20.0