

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
 Data File : BM019576.D
 Acq On : 29 Mar 2019 12:31
 Operator : JU/SJ
 Sample : K2085-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7W9

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-BM032219MA.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	3.128	21	24	33	rVB	26124	42841	1.67%	0.161%
2	3.728	121	126	134	rVB	13984	24187	0.94%	0.091%
3	4.722	291	295	300	rBV	11282	17916	0.70%	0.068%
4	6.657	621	624	629	rVB2	3139	4051	0.16%	0.015%
5	6.763	637	642	658	rBV	189155	428361	16.71%	1.614%
6	6.934	666	671	686	rBV	173019	345987	13.50%	1.304%
7	7.116	695	702	716	rVB	251700	453471	17.69%	1.709%
8	7.581	774	781	792	rBV	371658	624354	24.36%	2.353%
9	8.298	897	903	922	rBV	215718	432709	16.88%	1.631%
10	8.433	922	926	937	rVB2	6554	15085	0.59%	0.057%
11	8.751	974	980	998	rBV	223875	426636	16.64%	1.608%
12	9.075	1030	1035	1039	rVB	8303	11402	0.44%	0.043%
13	9.463	1096	1101	1120	rBV	177406	341166	13.31%	1.286%
14	10.004	1186	1193	1216	rBV	208441	498062	19.43%	1.877%
15	10.357	1247	1253	1266	rBV	568104	969413	37.82%	3.653%
16	10.539	1277	1284	1306	rBV	122389	379135	14.79%	1.429%
17	12.004	1529	1533	1537	rBV	2456	3481	0.14%	0.013%
18	13.663	1809	1815	1820	rBV	604924	904402	35.28%	3.408%
19	13.710	1820	1823	1834	rVB	106698	167700	6.54%	0.632%
20	13.933	1852	1861	1876	rBV	673820	1022105	39.87%	3.852%
21	14.239	1907	1913	1926	rBV2	876124	1338964	52.23%	5.046%
22	14.504	1952	1958	1969	rBV4	66895	216019	8.43%	0.814%
23	14.668	1981	1986	1997	rVB	74936	117441	4.58%	0.443%
24	15.021	2044	2046	2052	rVB3	2541	3975	0.16%	0.015%
25	15.086	2052	2057	2060	rVB5	4129	5211	0.20%	0.020%
26	15.239	2077	2083	2100	rBV	896221	1322268	51.58%	4.983%
27	15.386	2104	2108	2122	rVV	187984	328014	12.80%	1.236%
28	15.486	2122	2125	2128	rVB2	8653	11083	0.43%	0.042%
29	15.945	2200	2203	2210	rVB4	3593	5635	0.22%	0.021%
30	16.033	2212	2218	2221	rVB5	2365	3490	0.14%	0.013%
31	16.121	2230	2233	2238	rBV4	11309	15807	0.62%	0.060%
32	16.404	2276	2281	2289	rBV2	44124	76208	2.97%	0.287%
33	16.551	2303	2306	2310	rVB3	2132	2711	0.11%	0.010%
34	16.639	2317	2321	2326	rVB	11259	12117	0.47%	0.046%

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35	16.739	2335	2338	2341	rBV4	3839	4346	0.17%	0.016%
36	16.786	2343	2346	2347	rBV3	3007	2709	0.11%	0.010%
37	16.904	2360	2366	2373	rBV4	9055	17546	0.68%	0.066%
38	16.998	2376	2382	2392	rVV	1164006	1613767	62.95%	6.082%
39	17.098	2392	2399	2409	rVV	985467	1435010	55.98%	5.408%
40	17.168	2409	2411	2417	rVV6	7726	14133	0.55%	0.053%
41	17.215	2417	2419	2422	rVB3	2752	3256	0.13%	0.012%
42	17.280	2427	2430	2435	rVB4	2641	3963	0.15%	0.015%
43	17.380	2444	2447	2450	rBV3	3415	4201	0.16%	0.016%
44	17.480	2458	2464	2467	rBV3	6158	9937	0.39%	0.037%
45	17.515	2467	2470	2473	rVV2	9108	9825	0.38%	0.037%
46	17.662	2493	2495	2499	rVB4	5546	6007	0.23%	0.023%
47	17.762	2510	2512	2513	rBV	3320	2627	0.10%	0.010%
48	17.833	2519	2524	2528	rBV2	39281	58967	2.30%	0.222%
49	17.892	2529	2534	2546	rBV	446570	683039	26.65%	2.574%
50	18.092	2566	2568	2575	rVB6	12526	15691	0.61%	0.059%
51	18.145	2575	2577	2578	rBV2	5427	3562	0.14%	0.013%
52	18.174	2580	2582	2589	rVB6	11283	16985	0.66%	0.064%
53	18.280	2598	2600	2603	rBV2	3911	4140	0.16%	0.016%
54	18.321	2604	2607	2613	rVB6	9015	11935	0.47%	0.045%
55	18.480	2630	2634	2638	rVV2	22067	23492	0.92%	0.089%
56	18.574	2647	2650	2658	rVB9	5384	8735	0.34%	0.033%
57	18.815	2688	2691	2694	rBV5	6382	8498	0.33%	0.032%
58	19.062	2725	2733	2744	rBV2	165120	348435	13.59%	1.313%
59	19.180	2749	2753	2767	rVV	312336	507481	19.80%	1.913%
60	19.403	2786	2791	2801	rVB	1244571	1669950	65.15%	6.294%
61	19.568	2815	2819	2825	rBV	76376	88635	3.46%	0.334%
62	19.703	2838	2842	2843	rBV4	6692	8440	0.33%	0.032%
63	19.745	2846	2849	2851	rVV3	16005	17881	0.70%	0.067%
64	19.780	2852	2855	2860	rVB4	20840	24507	0.96%	0.092%
65	19.933	2875	2881	2887	rBV9	22951	52862	2.06%	0.199%
66	20.439	2964	2967	2971	rVB4	24158	26929	1.05%	0.101%
67	20.721	3012	3015	3018	rBV3	29910	36769	1.43%	0.139%
68	20.756	3018	3021	3024	rVB	40773	38833	1.51%	0.146%
69	20.903	3042	3046	3054	rBV	235134	286347	11.17%	1.079%
70	21.203	3092	3097	3108	rBV	1700294	2313092	90.24%	8.717%
71	21.344	3117	3121	3125	rVB2	66392	75432	2.94%	0.284%

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72	21.621	3165	3168	3171	rVB2	53096	52171	2.04%	0.197%
73	21.768	3190	3193	3200	rBV2	109164	132358	5.16%	0.499%
74	22.221	3266	3270	3277	rVB	156655	200815	7.83%	0.757%
75	22.709	3349	3353	3359	rVB	199526	289666	11.30%	1.092%
76	23.268	3442	3448	3461	rBV2	1333392	2431094	94.84%	9.162%
77	23.409	3465	3472	3488	rVB	1346569	2563402	100.00%	9.661%
78	23.885	3549	3553	3560	rVB	247130	416689	16.26%	1.570%
79	24.609	3672	3676	3684	rVB	199921	418576	16.33%	1.577%

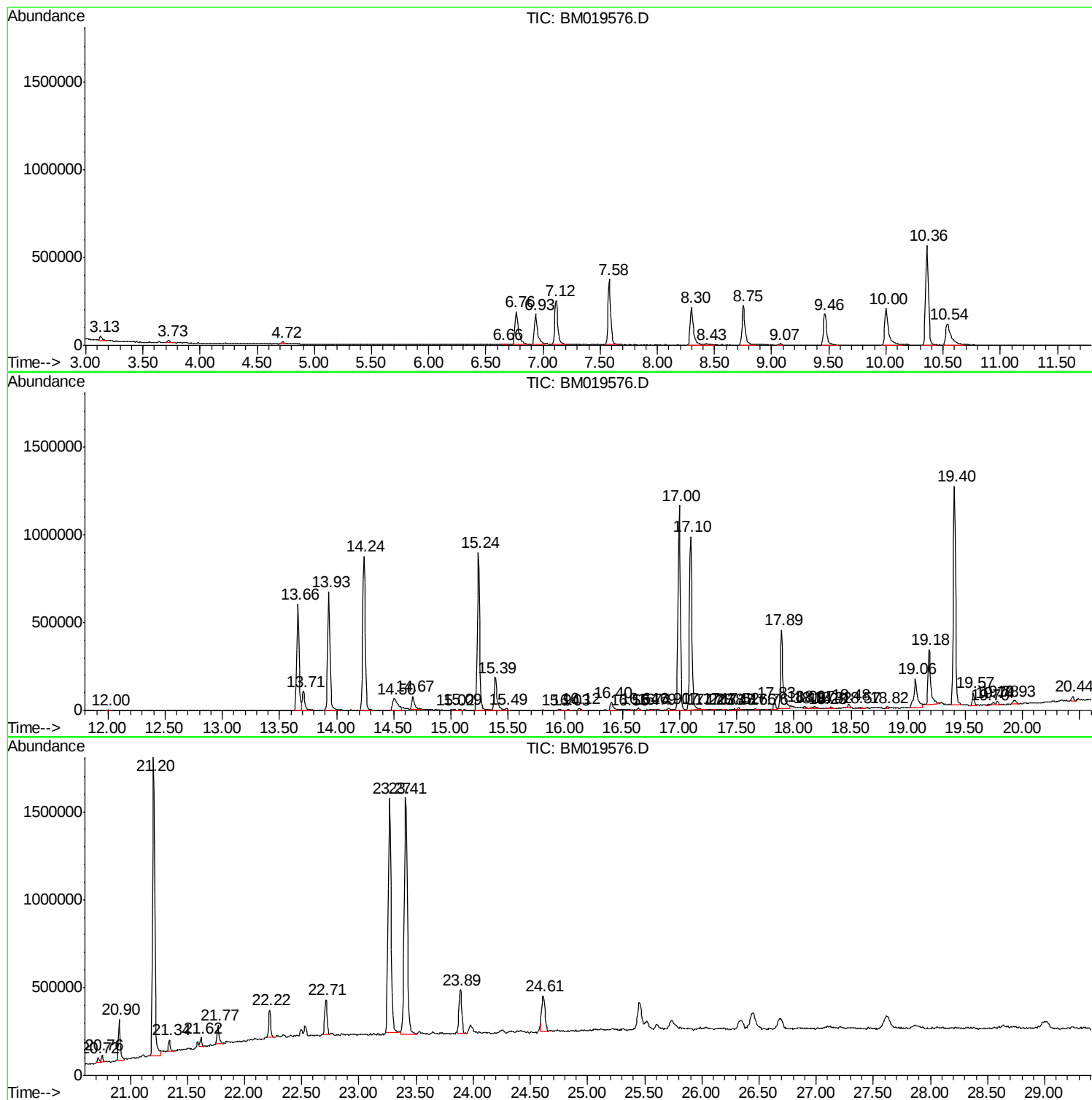
Sum of corrected areas: 26534142

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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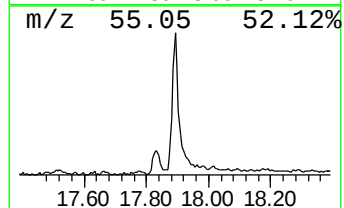
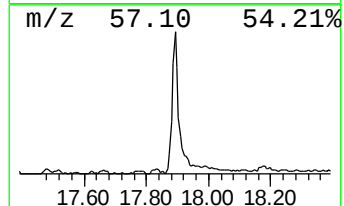
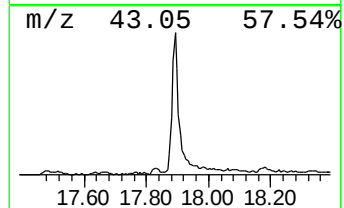
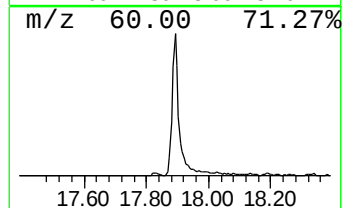
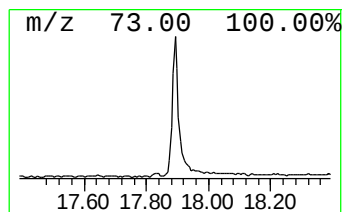
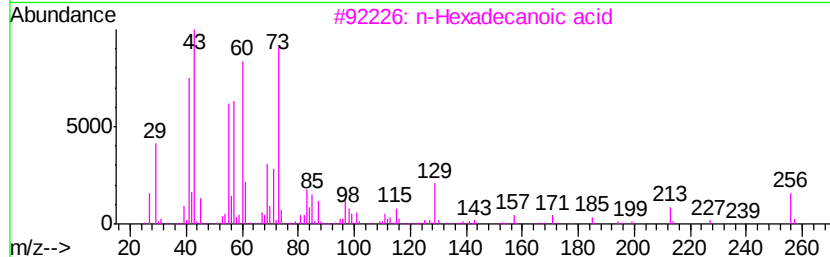
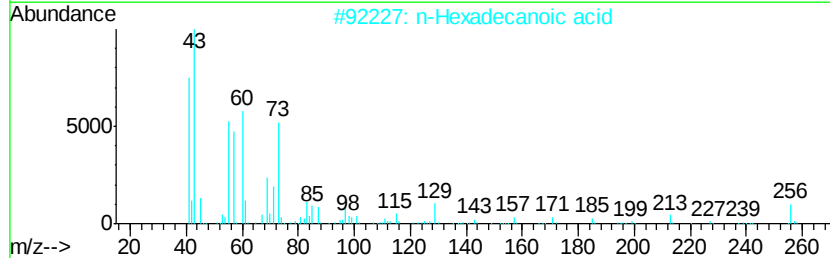
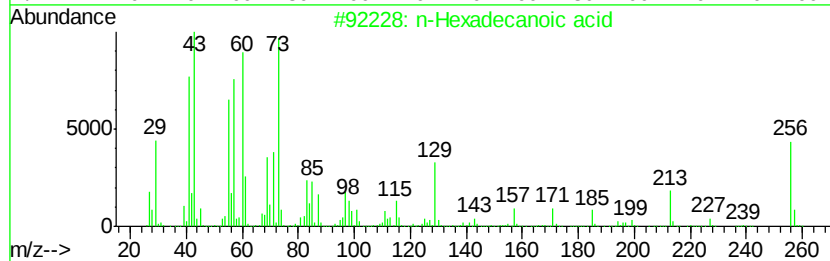
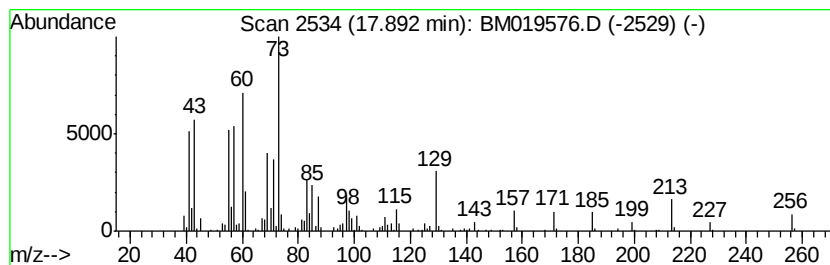
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	8.47 ng/ul	683039	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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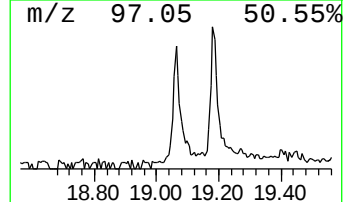
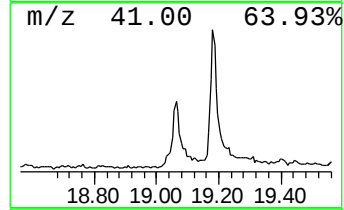
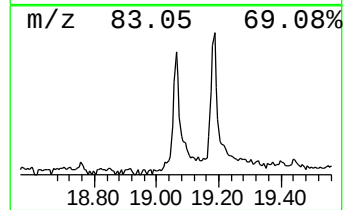
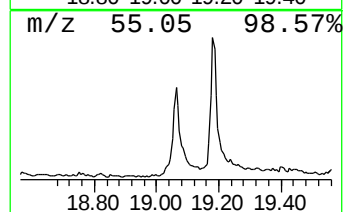
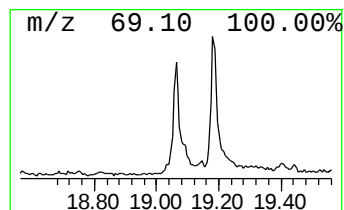
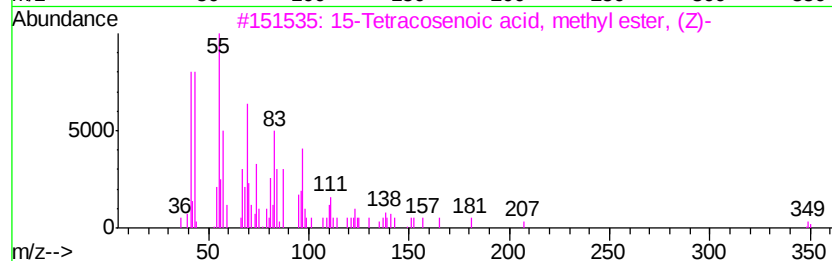
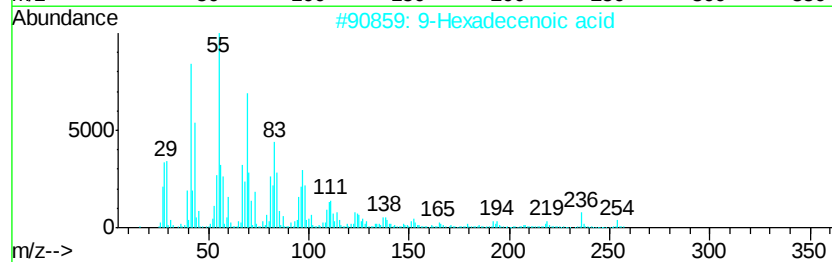
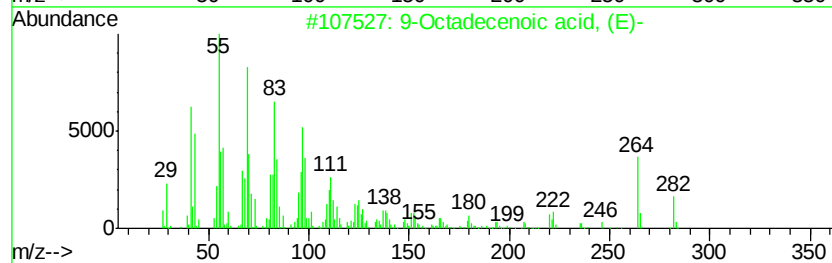
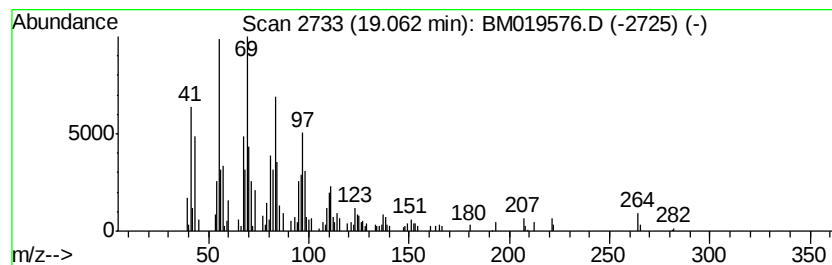
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 9-Octadecenoic acid, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.32 ng/ul	348435	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	83
2		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	60
3		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	53
4		Oleic Acid	282	C18H34O2	000112-80-1	50
5		9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	49



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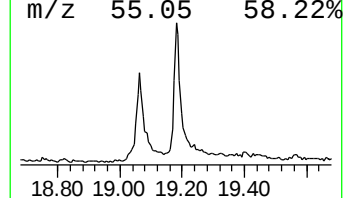
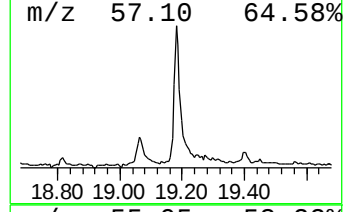
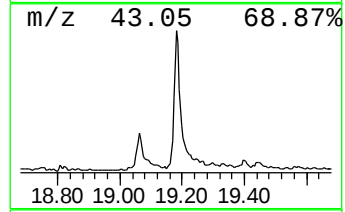
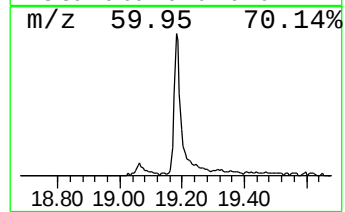
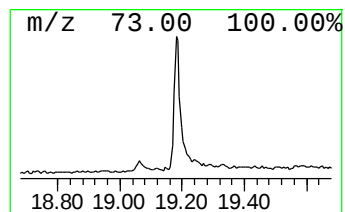
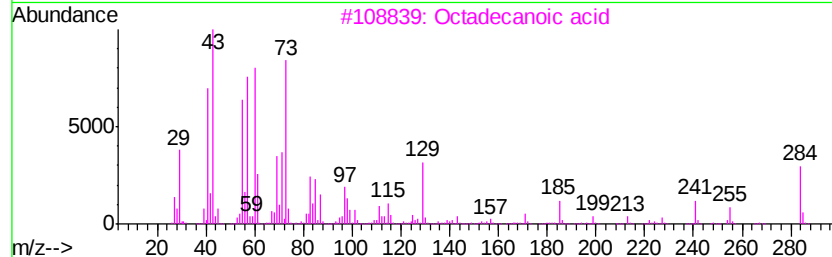
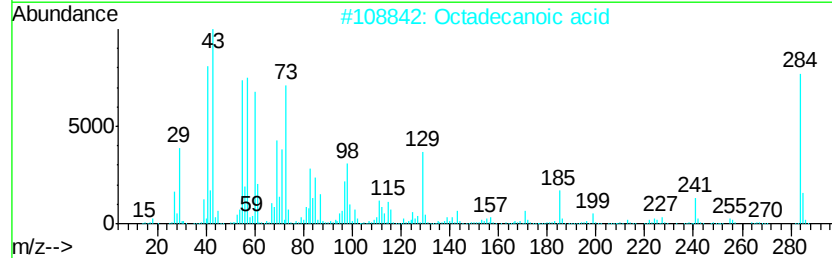
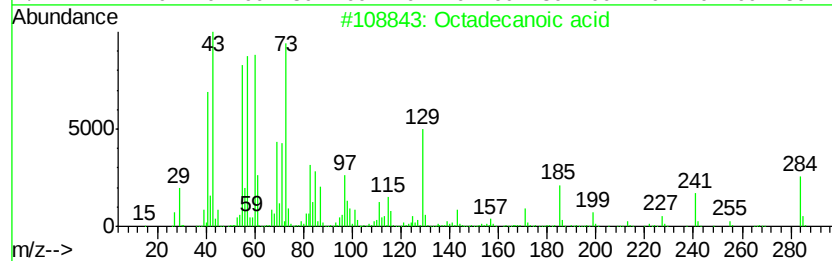
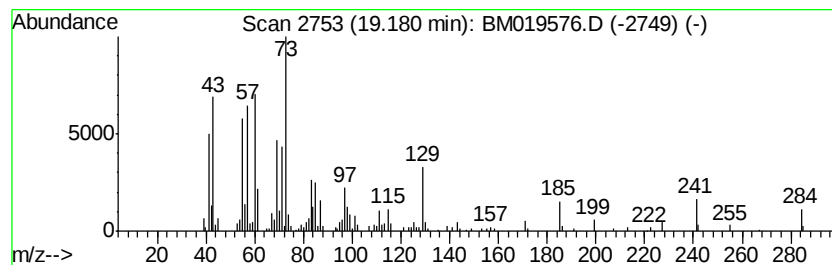
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
19.18	4.39 ng/ul	507481	Chrysene-d12		21.20		
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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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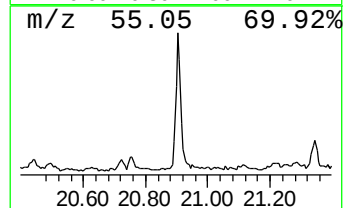
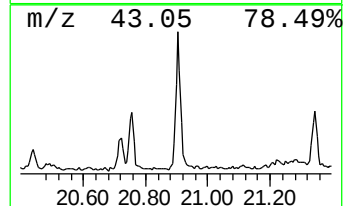
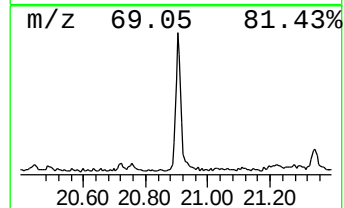
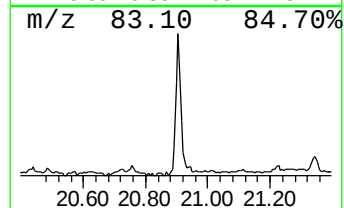
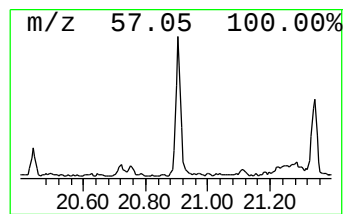
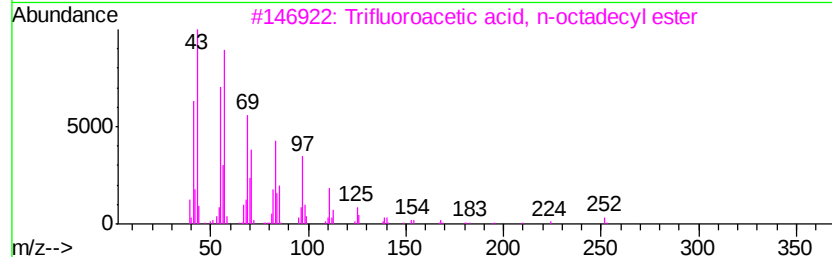
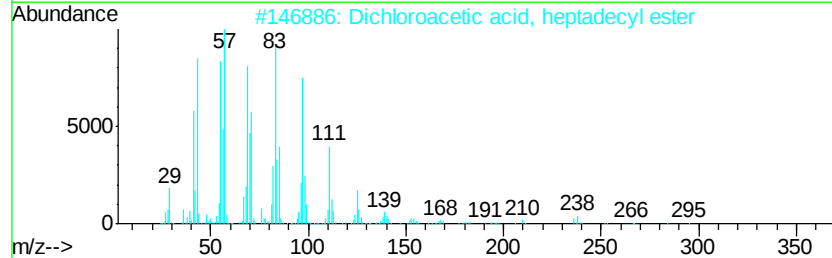
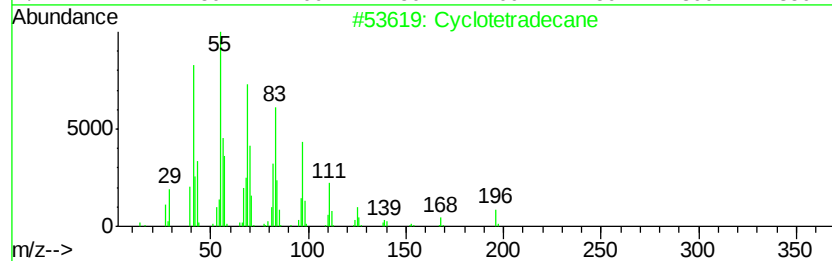
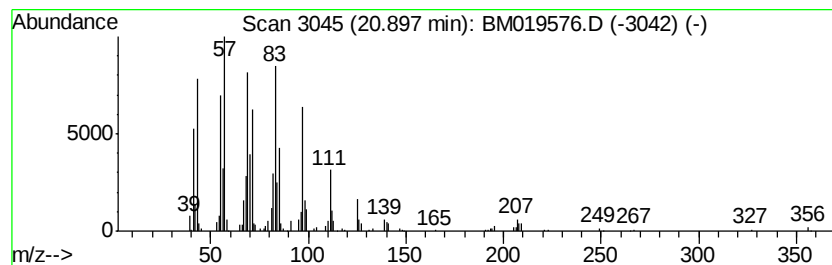
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.48 ng/ul	286347	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	93
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4		1-Tetracosanol	354	C24H50O	000506-51-4	87
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019576.D
Acq On : 29 Mar 2019 12:31
Operator : JU/SJ
Sample : K2085-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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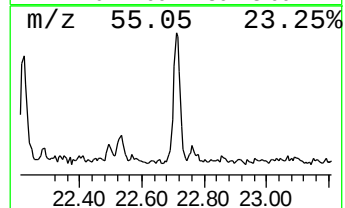
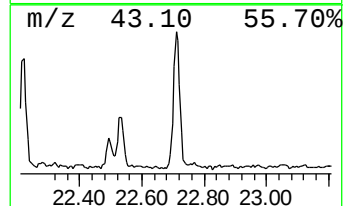
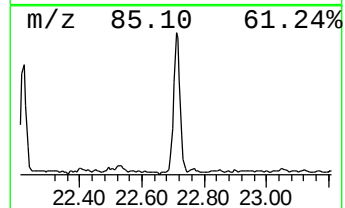
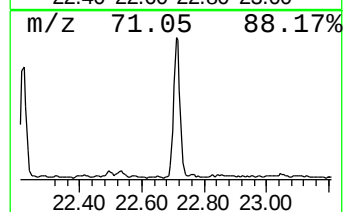
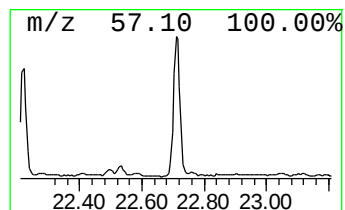
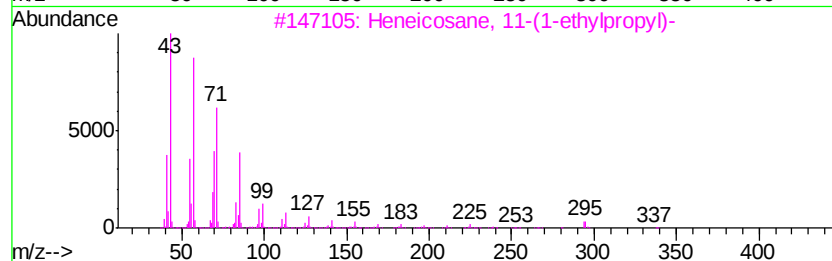
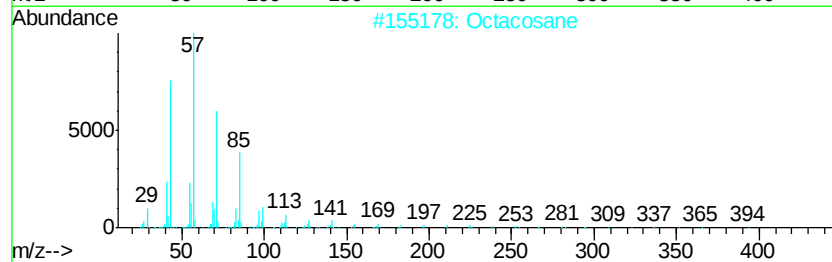
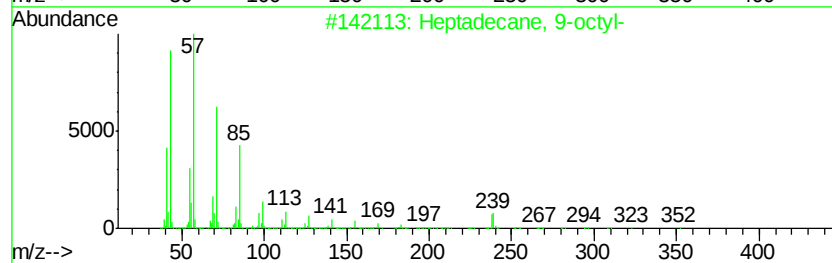
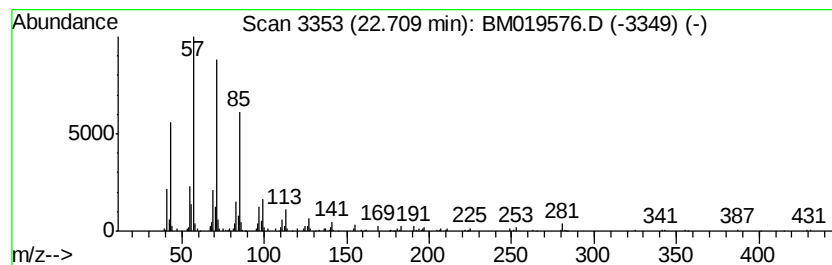
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.26 ng/ul	289666	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019576.D
Acq On : 29 Mar 2019 12:31
Operator : JU/SJ
Sample : K2085-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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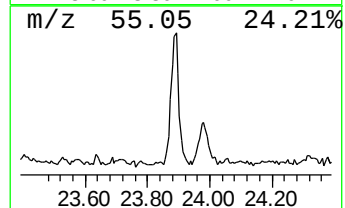
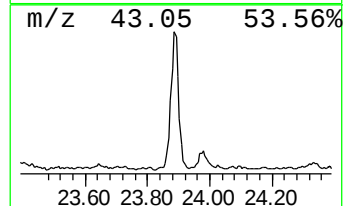
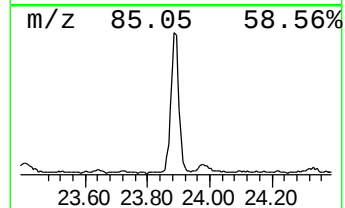
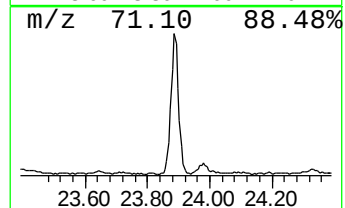
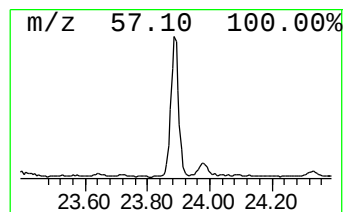
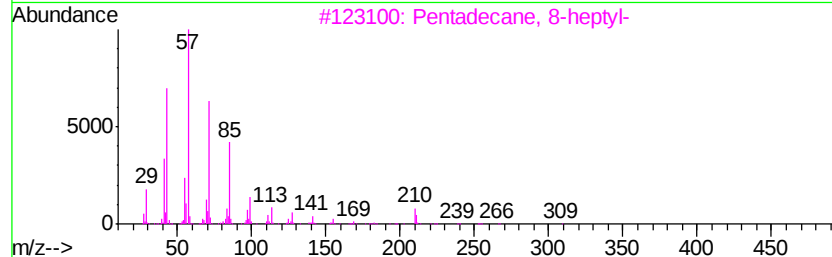
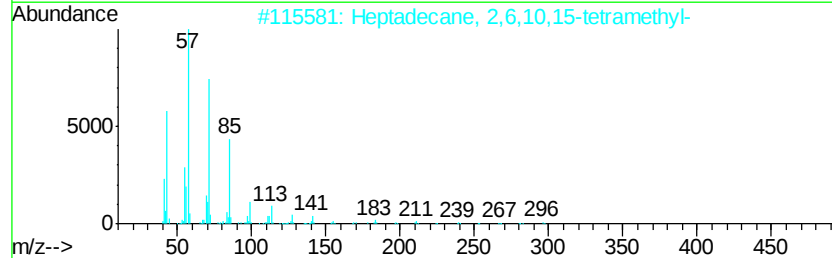
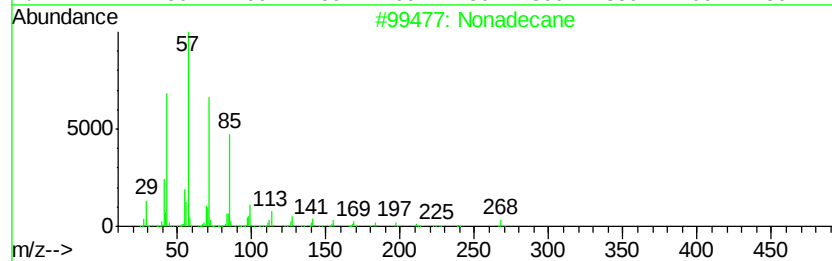
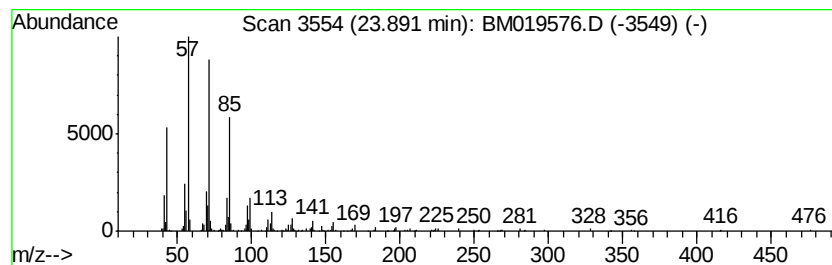
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	3.25 ng/ul	416689	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019576.D
Acq On : 29 Mar 2019 12:31
Operator : JU/SJ
Sample : K2085-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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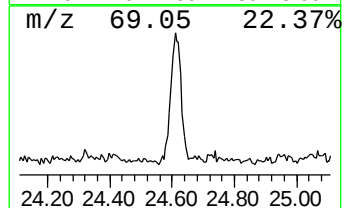
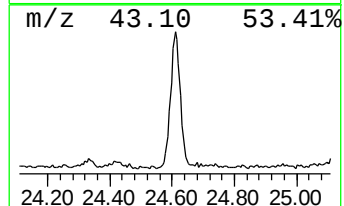
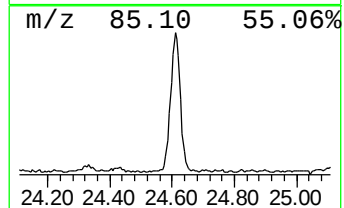
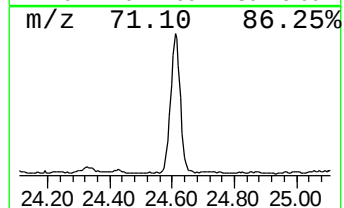
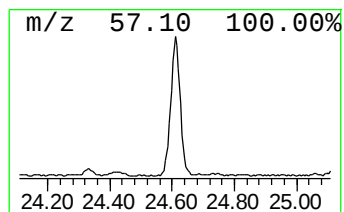
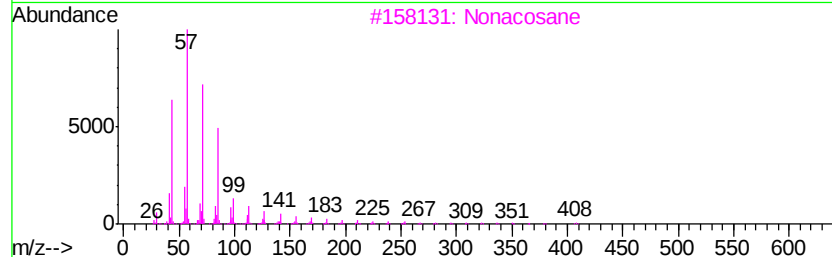
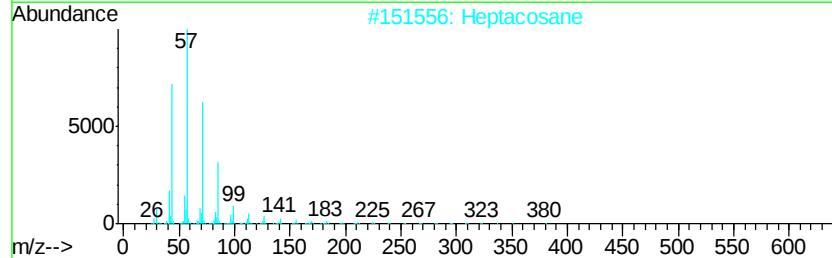
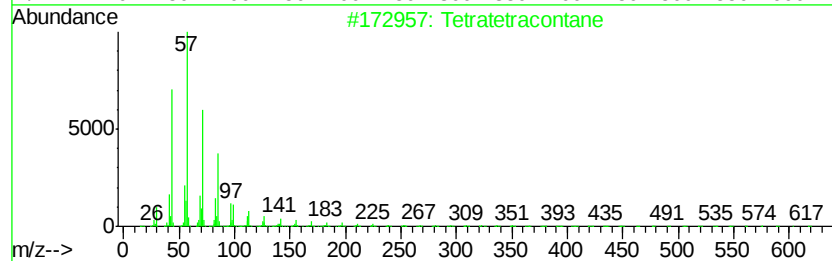
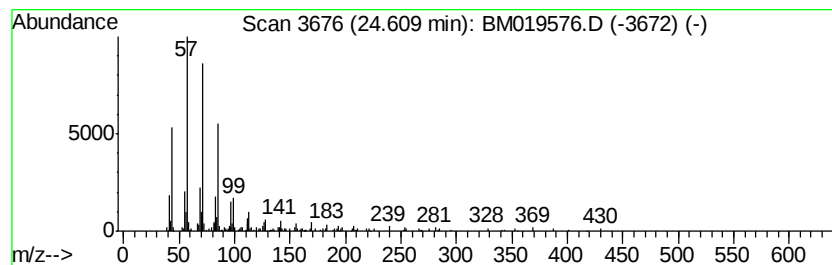
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	3.27 ng/ul	418576	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032819\
Data File : BM019576.D
Acq On : 29 Mar 2019 12:31
Operator : JU/SJ
Sample : K2085-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	17.89	8.5	ng/ul	683039	4	17.00	1613770	20.0
9-Octadecenoic ac...	19.06	4.3	ng/ul	348435	4	17.00	1613770	20.0
Octadecanoic acid	19.18	4.4	ng/ul	507481	5	21.20	2313090	20.0
(DEL) Alkane: Cyc...	20.90	2.5	ng/ul	286347	5	21.20	2313090	20.0
(DEL) Alkane: Str...	22.71	2.3	ng/ul	289666	6	23.41	2563400	20.0
(DEL) Alkane: Str...	23.89	3.3	ng/ul	416689	6	23.41	2563400	20.0
(DEL) Alkane: Str...	24.61	3.3	ng/ul	418576	6	23.41	2563400	20.0