

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019584.D
 Acq On : 29 Mar 2019 17:47
 Operator : JU/SJ
 Sample : K2085-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7T4

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	34	rVB	23202	39584	1.30%	0.148%
2	3.634	107	110	120	rVB3	10048	17719	0.58%	0.066%
3	3.722	120	125	138	rVV	16505	35567	1.17%	0.133%
4	3.822	139	142	148	rVB5	4831	7824	0.26%	0.029%
5	4.222	208	210	215	rVB	4675	4011	0.13%	0.015%
6	4.722	292	295	302	rBV	12315	18031	0.59%	0.067%
7	6.657	621	624	629	rVB4	1991	3731	0.12%	0.014%
8	6.769	636	643	658	rBV	163250	397539	13.09%	1.482%
9	6.934	665	671	690	rBV	149674	316626	10.43%	1.180%
10	7.116	695	702	721	rVB	212410	396438	13.06%	1.478%
11	7.581	775	781	791	rBV	424312	725246	23.89%	2.703%
12	8.298	898	903	917	rBV	147156	301861	9.94%	1.125%
13	8.428	923	925	935	rVB3	9150	16560	0.55%	0.062%
14	8.751	973	980	994	rBV	184989	364065	11.99%	1.357%
15	9.081	1032	1036	1042	rVB2	7859	12412	0.41%	0.046%
16	9.463	1095	1101	1115	rBV	149468	289283	9.53%	1.078%
17	10.004	1187	1193	1212	rBV	169007	424741	13.99%	1.583%
18	10.357	1245	1253	1266	rBV	626320	1084368	35.72%	4.042%
19	10.539	1278	1284	1306	rBV2	97109	311307	10.25%	1.160%
20	11.563	1456	1458	1463	rVB4	2009	3092	0.10%	0.012%
21	11.992	1527	1531	1533	rBV2	2475	3717	0.12%	0.014%
22	12.557	1624	1627	1631	rVB2	4542	4830	0.16%	0.018%
23	13.086	1714	1717	1720	rVB3	5574	6476	0.21%	0.024%
24	13.663	1809	1815	1820	rBV	530440	804659	26.51%	2.999%
25	13.710	1820	1823	1838	rVB	110456	176936	5.83%	0.660%
26	13.933	1853	1861	1876	rBV	578595	913685	30.10%	3.406%
27	14.121	1889	1893	1897	rVB4	3172	4680	0.15%	0.017%
28	14.239	1906	1913	1927	rBV2	1056050	1560298	51.40%	5.816%
29	14.510	1954	1959	1977	rBV3	54704	194052	6.39%	0.723%
30	14.668	1981	1986	2000	rVB	66909	123471	4.07%	0.460%
31	15.021	2043	2046	2051	rVB4	2698	4060	0.13%	0.015%
32	15.080	2051	2056	2062	rBV3	5087	7461	0.25%	0.028%
33	15.239	2077	2083	2101	rBV	854056	1237010	40.75%	4.611%
34	15.392	2103	2109	2118	rVV	149044	266252	8.77%	0.992%

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35	15.486	2121	2125	2128	rVB2	10938	15368	0.51%	0.057%
36	15.680	2156	2158	2161	rBV3	2666	3506	0.12%	0.013%
37	15.945	2200	2203	2205	rBV2	6312	8612	0.28%	0.032%
38	16.139	2232	2236	2238	rVV4	3705	4883	0.16%	0.018%
39	16.198	2241	2246	2248	rBV6	1951	3300	0.11%	0.012%
40	16.280	2256	2260	2264	rBV5	4849	6442	0.21%	0.024%
41	16.404	2277	2281	2289	rBV3	32006	60052	1.98%	0.224%
42	16.551	2299	2306	2311	rBV5	12679	21747	0.72%	0.081%
43	16.745	2334	2339	2341	rBV4	6383	10385	0.34%	0.039%
44	16.786	2341	2346	2353	rVB6	7680	15287	0.50%	0.057%
45	16.898	2362	2365	2371	rBV4	8013	14670	0.48%	0.055%
46	16.998	2373	2382	2392	rBV	1384028	1885787	62.12%	7.030%
47	17.098	2392	2399	2413	rBV	835567	1259140	41.48%	4.694%
48	17.345	2438	2441	2445	rBV4	3431	4295	0.14%	0.016%
49	17.480	2460	2464	2469	rVB4	7416	11141	0.37%	0.042%
50	17.633	2487	2490	2493	rBV4	4072	5346	0.18%	0.020%
51	17.756	2507	2511	2512	rBV4	7004	9242	0.30%	0.034%
52	17.774	2512	2514	2519	rVB4	7260	9176	0.30%	0.034%
53	17.833	2519	2524	2528	rBV4	19572	27506	0.91%	0.103%
54	17.892	2529	2534	2544	rBV	251140	421003	13.87%	1.569%
55	18.180	2578	2583	2589	rBV8	15216	30542	1.01%	0.114%
56	18.403	2616	2621	2622	rBV5	5078	6555	0.22%	0.024%
57	19.062	2725	2733	2736	rBV4	53295	109111	3.59%	0.407%
58	19.180	2749	2753	2768	rBV	145995	273094	9.00%	1.018%
59	19.403	2785	2791	2801	rBV2	1118088	1570515	51.73%	5.854%
60	19.745	2846	2849	2851	rBV4	19545	19024	0.63%	0.071%
61	19.780	2852	2855	2859	rVB2	25925	27493	0.91%	0.102%
62	20.433	2964	2966	2970	rVB4	23691	27800	0.92%	0.104%
63	20.715	3012	3014	3017	rBV4	21799	27033	0.89%	0.101%
64	20.750	3017	3020	3026	rVV3	38879	53903	1.78%	0.201%
65	20.903	3042	3046	3055	rBV	400537	473080	15.58%	1.763%
66	21.203	3092	3097	3106	rBV	2051045	2612999	86.07%	9.740%
67	21.339	3117	3120	3125	rVB	73812	78246	2.58%	0.292%
68	21.615	3164	3167	3170	rVB2	72556	73467	2.42%	0.274%
69	21.762	3189	3192	3195	rBV	126311	156154	5.14%	0.582%
70	22.215	3266	3269	3276	rVB	207129	242734	8.00%	0.905%
71	22.527	3320	3322	3328	rVB3	82315	105940	3.49%	0.395%

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72	22.709	3349	3353	3357	rVB	252139	336100	11.07%	1.253%
73	23.262	3441	3447	3456	rBV3	1289534	2379901	78.39%	8.871%
74	23.409	3465	3472	3485	rVB	1614133	3035818	100.00%	11.316%
75	23.885	3548	3553	3560	rVB	284270	514626	16.95%	1.918%
76	24.609	3671	3676	3685	rVB	240297	475082	15.65%	1.771%
77	25.450	3815	3819	3827	rVB	156516	322888	10.64%	1.204%

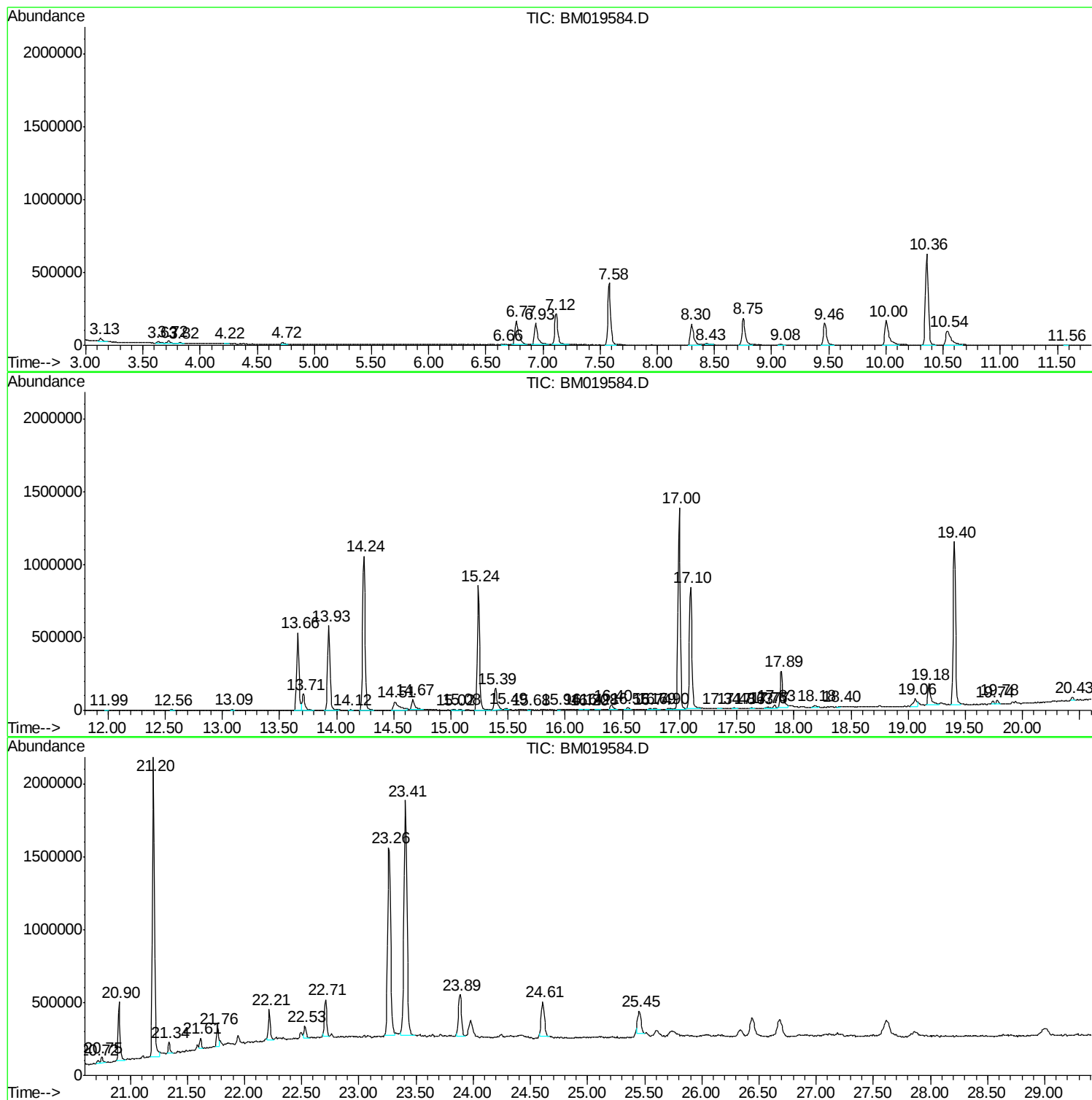
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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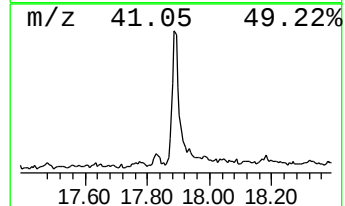
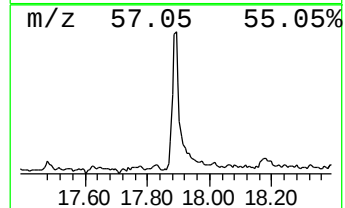
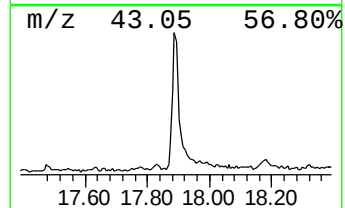
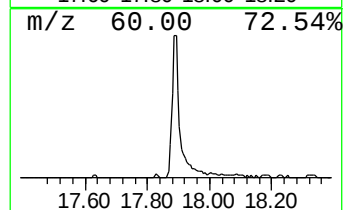
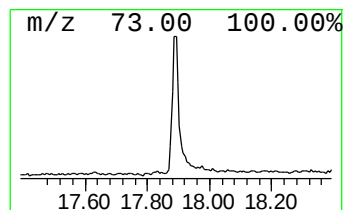
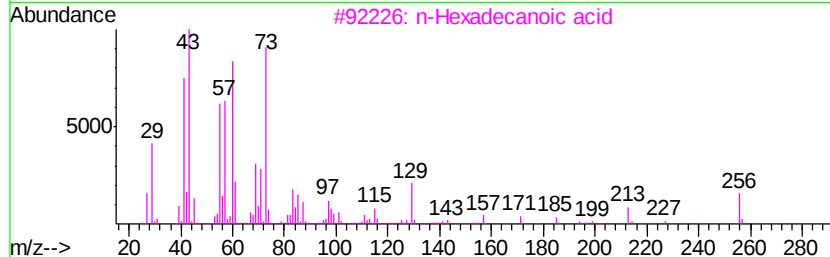
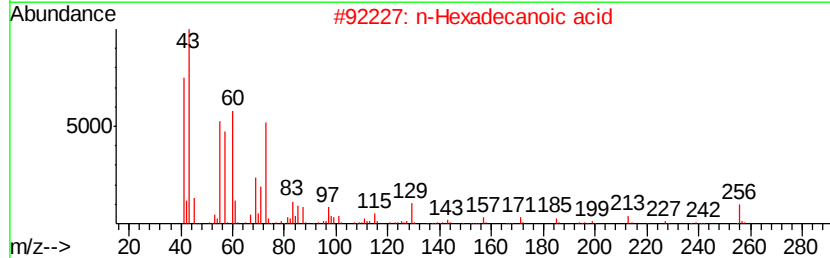
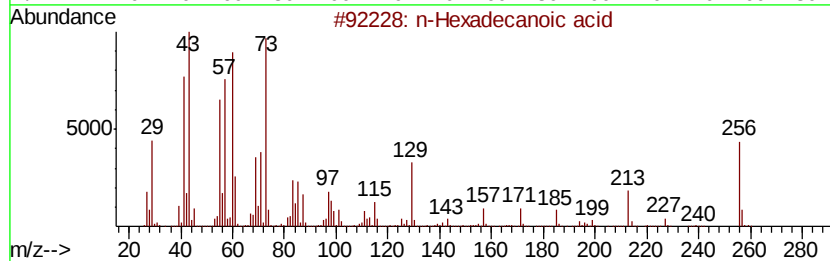
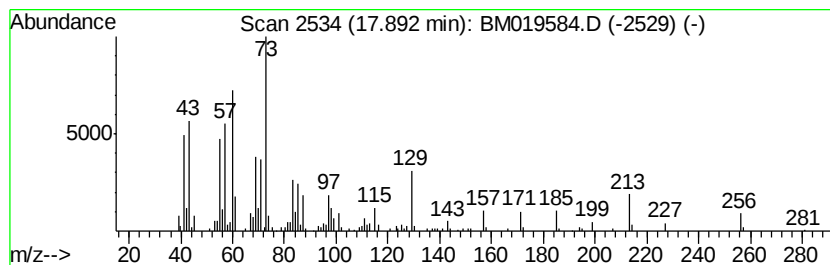
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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	4.47 ng/ul	421003	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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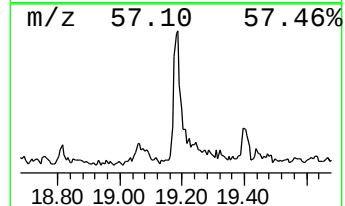
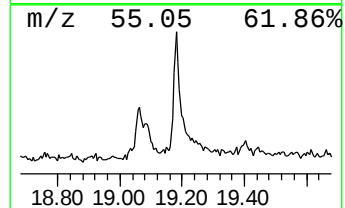
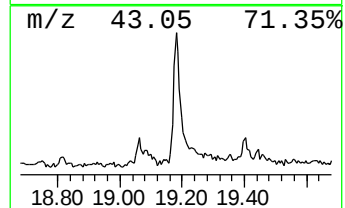
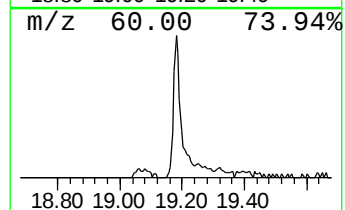
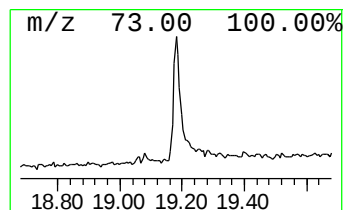
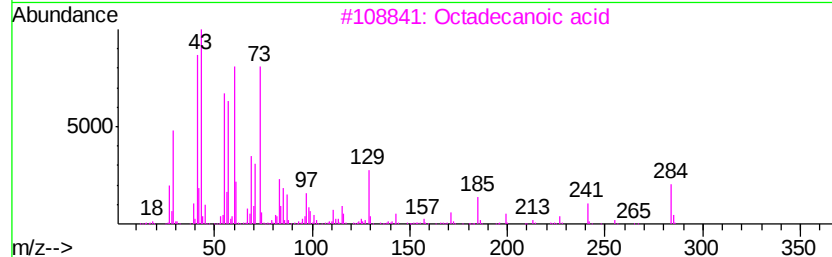
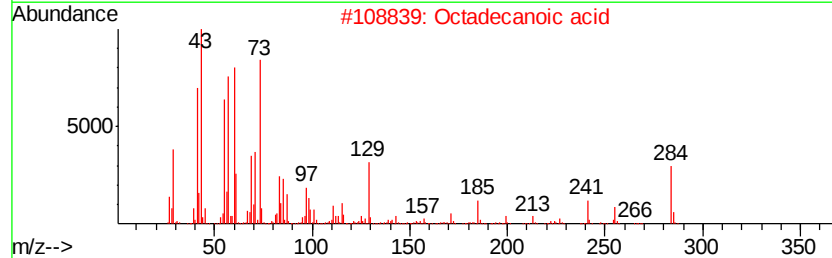
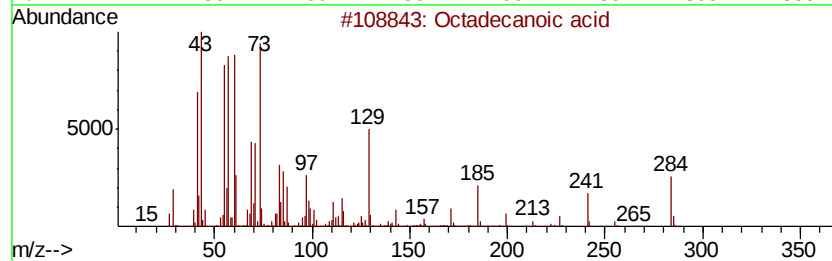
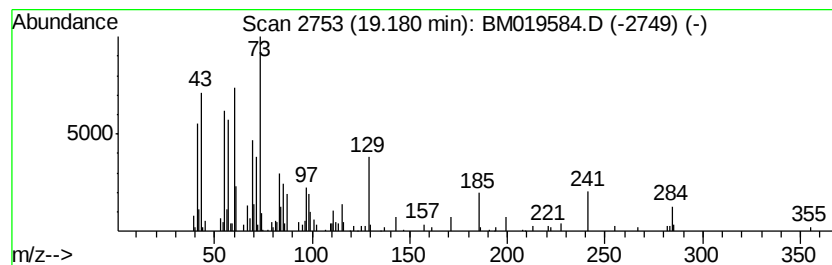
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	2.09 ng/ul	273094	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	98
2	Octadecanoic acid	284 C18H36O2	000057-11-4	96
3	Octadecanoic acid	284 C18H36O2	000057-11-4	93
4	Octadecanoic acid	284 C18H36O2	000057-11-4	90
5	Octadecanoic acid, 2-(2-hydroxy...	372 C22H44O4	000106-11-6	86



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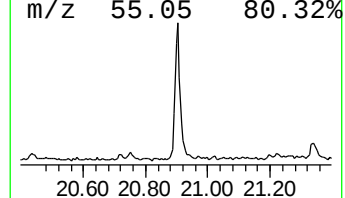
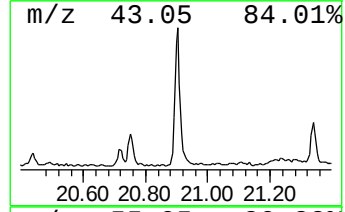
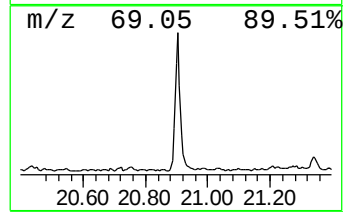
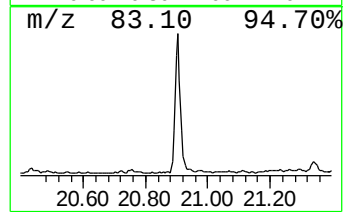
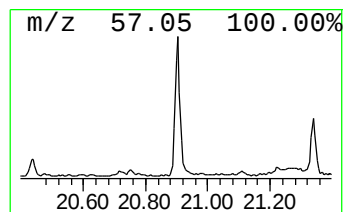
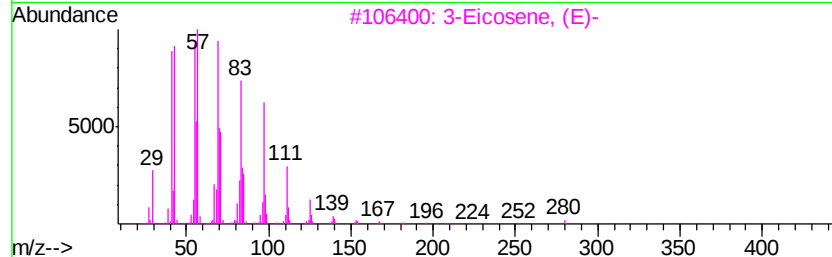
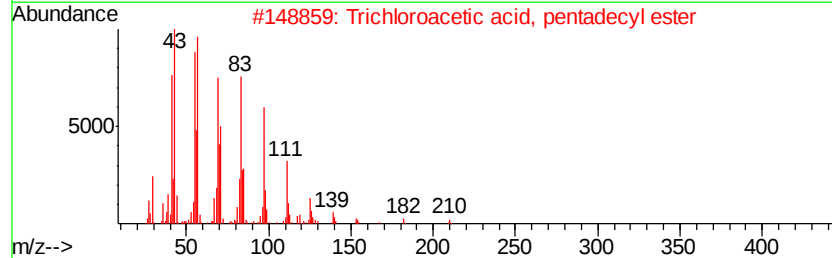
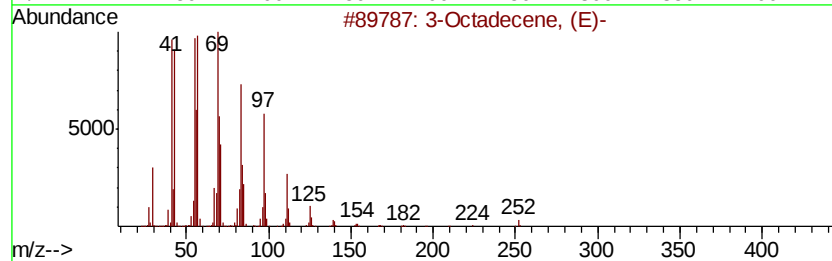
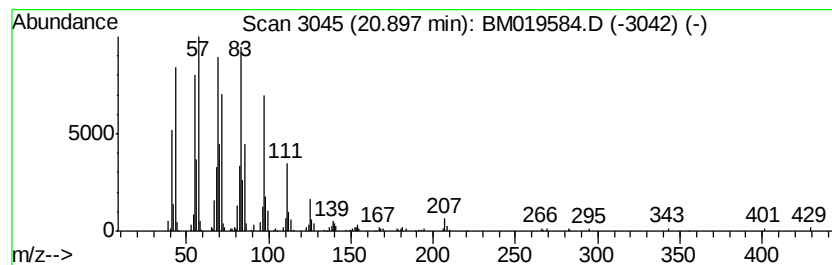
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.62 ng/ul	473080	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Octadecene, (E)-	252 C18H36	007206-19-1	96
2	Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280 C20H40	074685-33-9	91
4	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, n-penta...	424 C19H31F7O2	1000216-79-3	91



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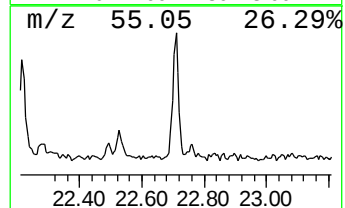
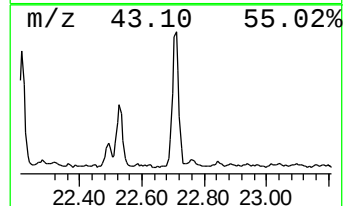
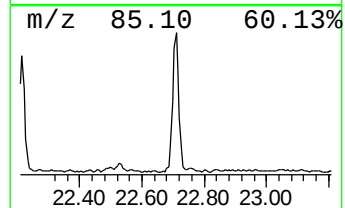
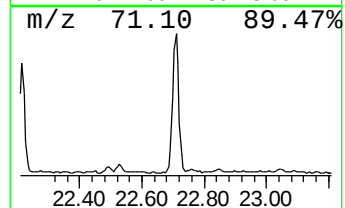
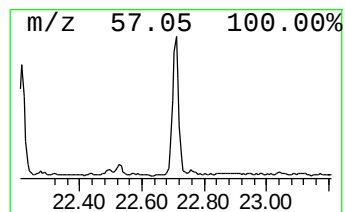
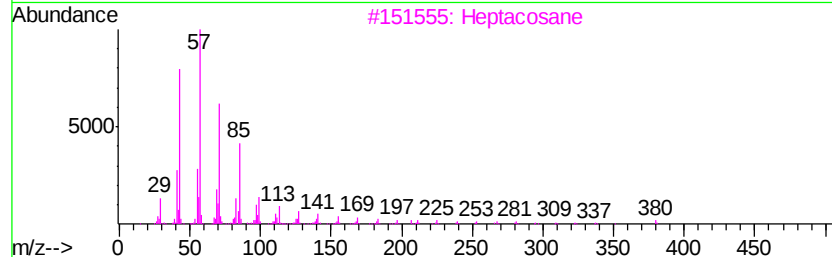
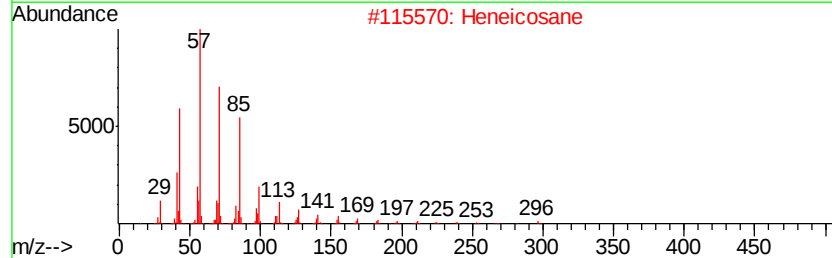
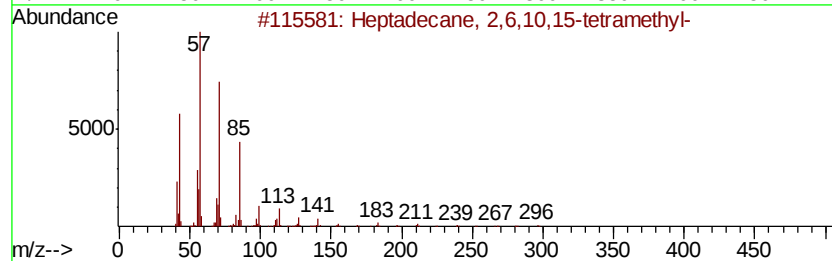
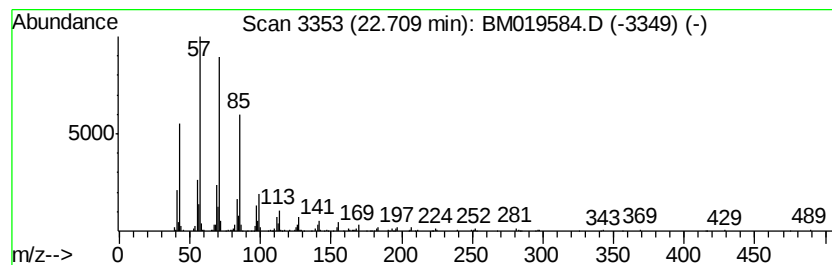
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	2.21 ng/ul	336100	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019584.D
Acq On : 29 Mar 2019 17:47
Operator : JU/SJ
Sample : K2085-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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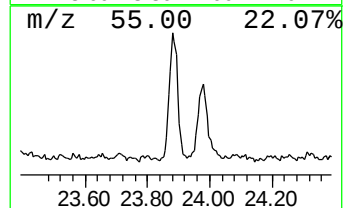
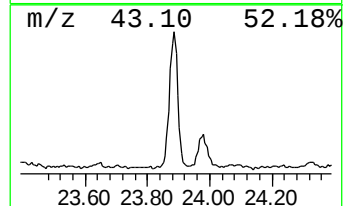
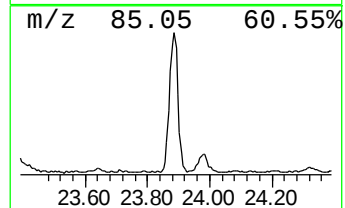
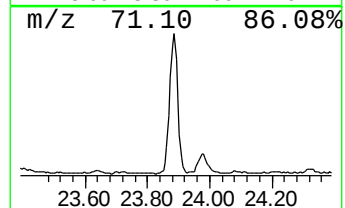
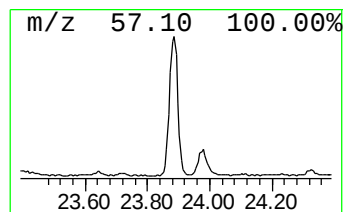
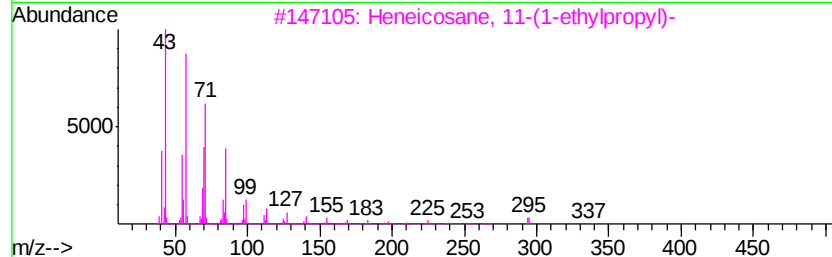
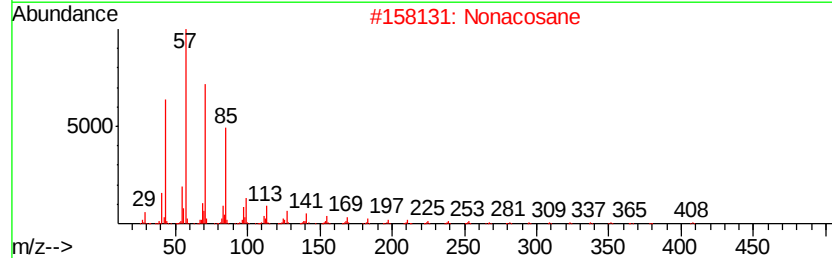
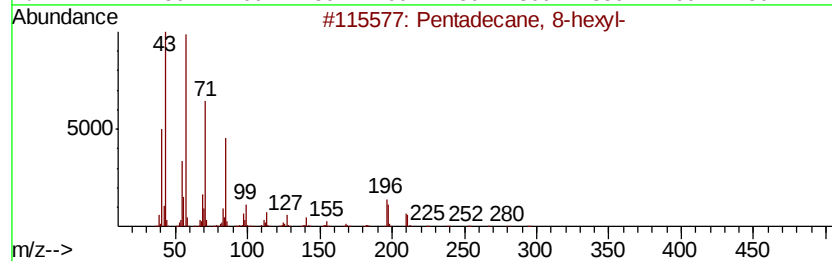
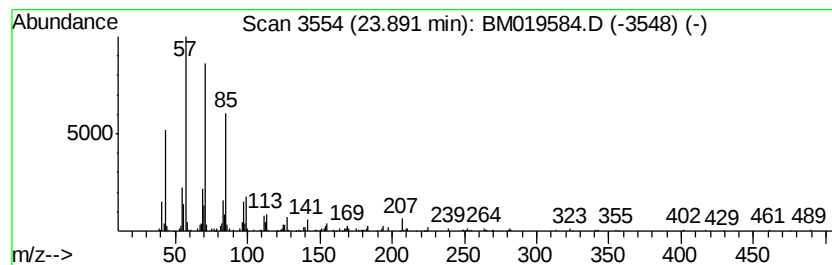
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	3.39 ng/ul	514626	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019584.D
Acq On : 29 Mar 2019 17:47
Operator : JU/SJ
Sample : K2085-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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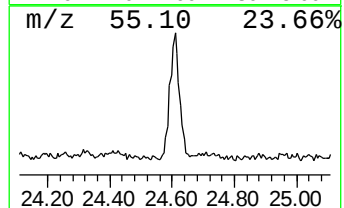
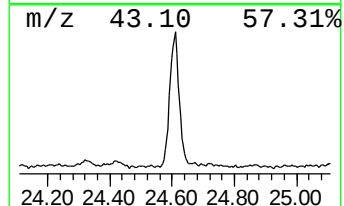
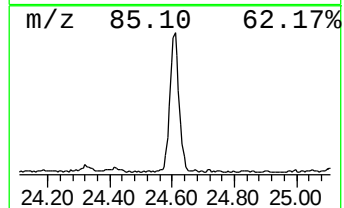
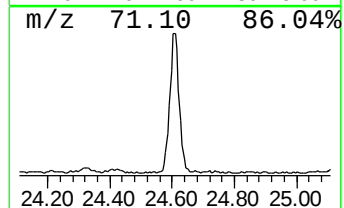
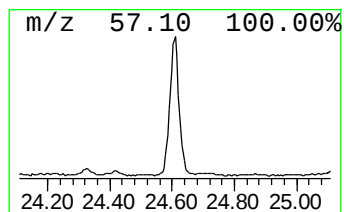
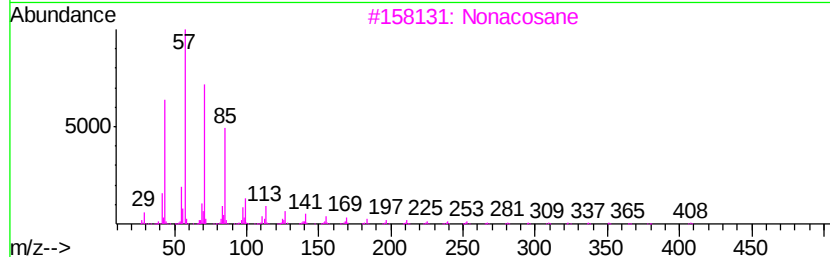
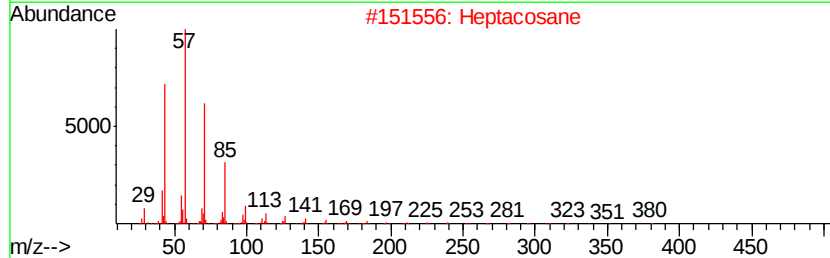
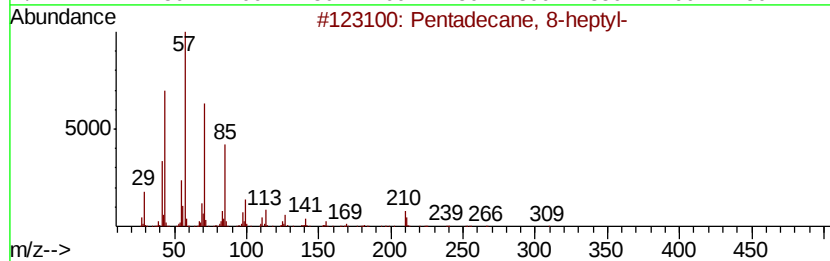
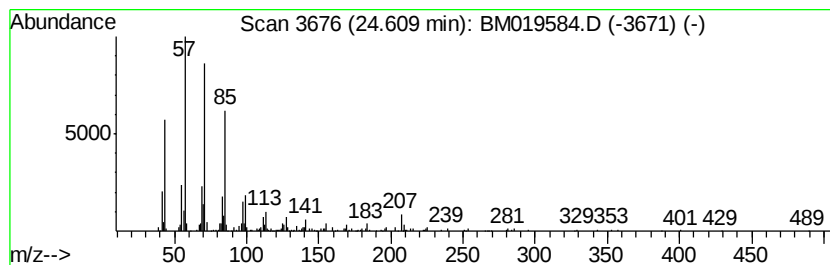
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	3.13 ng/ul	475082	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019584.D
Acq On : 29 Mar 2019 17:47
Operator : JU/SJ
Sample : K2085-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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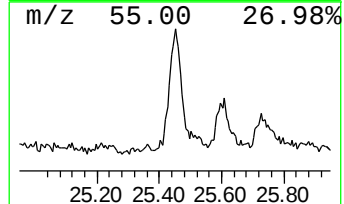
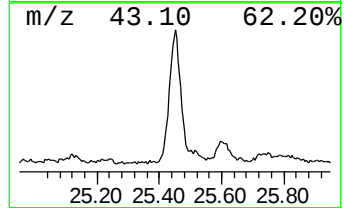
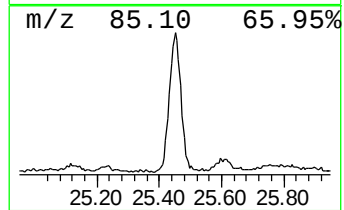
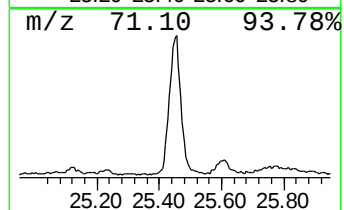
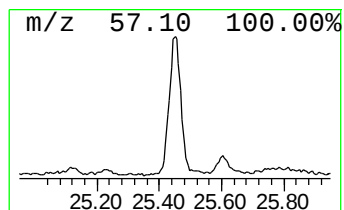
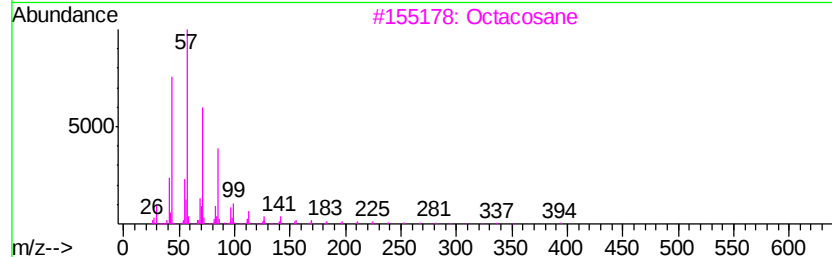
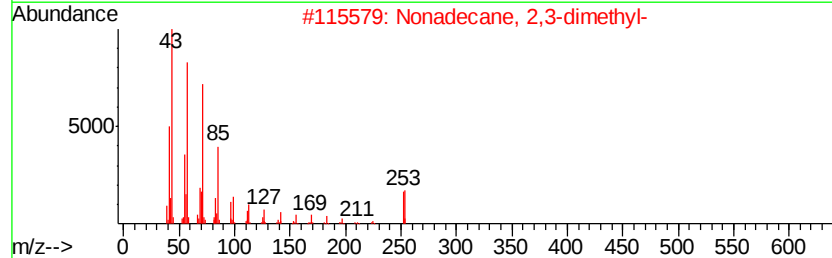
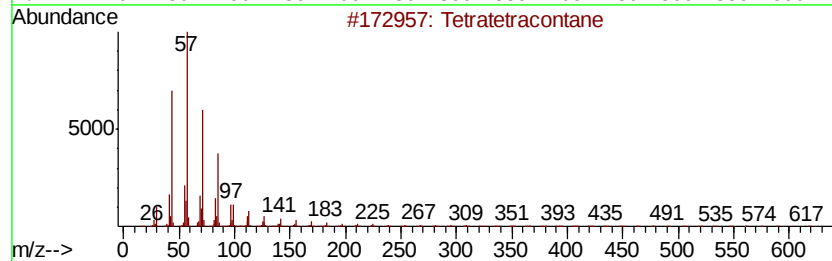
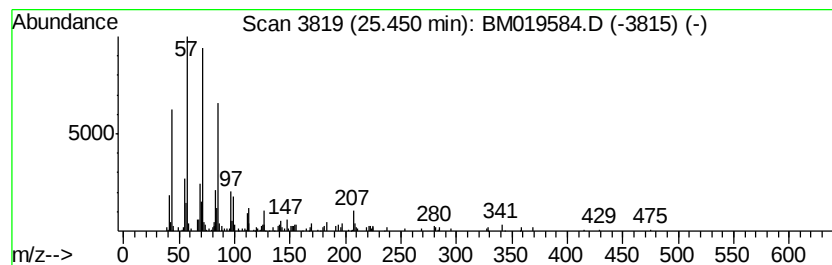
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.45	2.13 ng/ul	322888	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	86
3		Octacosane	394	C28H58	000630-02-4	80
4		Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	80
5		Heneicosane	296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019584.D
Acq On : 29 Mar 2019 17:47
Operator : JU/SJ
Sample : K2085-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7T4

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
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Octadecanoic acid	19.18	2.1	ng/ul	273094	5	21.20	2613000	20.0
(DEL) Alkane: Cyc...	20.90	3.6	ng/ul	473080	5	21.20	2613000	20.0
(DEL) Alkane: Str...	22.71	2.2	ng/ul	336100	6	23.41	3035820	20.0
(DEL) Alkane: Str...	23.89	3.4	ng/ul	514626	6	23.41	3035820	20.0
(DEL) Alkane: Str...	24.61	3.1	ng/ul	475082	6	23.41	3035820	20.0
(DEL) Alkane: Str...	25.45	2.1	ng/ul	322888	6	23.41	3035820	20.0