

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
 Data File : BM022286.D
 Acq On : 24 Aug 2019 10:18
 Operator : HP/JU
 Sample : K4242-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ1

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	33	rVB	6652	11263	0.66%	0.070%
2	3.722	120	125	131	rBV	10905	16285	0.96%	0.102%
3	3.934	158	161	165	rVB2	3912	4770	0.28%	0.030%
4	4.210	206	208	212	rVB2	1847	2060	0.12%	0.013%
5	4.710	288	293	302	rVB2	6999	12908	0.76%	0.081%
6	5.987	506	510	514	rBB2	4231	5044	0.30%	0.031%
7	6.222	547	550	553	rBB2	3607	3966	0.23%	0.025%
8	6.634	617	620	625	rBB	1057	1842	0.11%	0.012%
9	6.745	634	639	651	rBV	158414	287893	16.98%	1.798%
10	6.910	662	667	677	rBV	110361	187752	11.07%	1.173%
11	7.092	691	698	708	rBV	182997	296382	17.48%	1.851%
12	7.551	770	776	785	rBB	161678	255361	15.06%	1.595%
13	8.275	893	899	911	rBV	195212	332355	19.60%	2.076%
14	8.722	969	975	989	rBB	175107	292723	17.26%	1.828%
15	9.039	1025	1029	1033	rBB2	2764	3514	0.21%	0.022%
16	9.434	1090	1096	1108	rBB	164480	269392	15.89%	1.682%
17	9.963	1180	1186	1201	rBV	215443	400536	23.62%	2.501%
18	10.328	1241	1248	1258	rBB	231629	376493	22.20%	2.351%
19	10.498	1270	1277	1294	rBV	156795	336716	19.86%	2.103%
20	11.939	1519	1522	1526	rBB2	2167	3376	0.20%	0.021%
21	13.092	1713	1718	1724	rBB	30497	42637	2.51%	0.266%
22	13.498	1784	1787	1789	rBB2	2116	2060	0.12%	0.013%
23	13.639	1804	1811	1815	rBV	466153	673084	39.69%	4.203%
24	13.686	1815	1819	1829	rVB	267782	376582	22.21%	2.352%
25	13.904	1849	1856	1862	rBV	542339	761969	44.93%	4.759%
26	14.210	1902	1908	1915	rBB	395300	549496	32.40%	3.432%
27	14.474	1947	1953	1972	rBV2	102448	250003	14.74%	1.561%
28	14.639	1976	1981	1983	rVV3	3349	5251	0.31%	0.033%
29	14.668	1983	1986	1992	rVB	26678	35982	2.12%	0.225%
30	14.986	2038	2040	2043	rBV	1979	1926	0.11%	0.012%
31	15.216	2073	2079	2091	rVB	694800	972893	57.37%	6.076%
32	15.333	2095	2099	2102	rVV	17607	20884	1.23%	0.130%
33	15.374	2102	2106	2116	rVV	178517	265733	15.67%	1.660%
34	15.457	2116	2120	2124	rVB2	4730	5757	0.34%	0.036%

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

35	16.245	2252	2254	2260	rBV2	1769	2559	0.15%	0.016%
36	16.521	2296	2301	2305	rVB2	2147	3232	0.19%	0.020%
37	16.745	2335	2339	2346	rVB3	3183	5933	0.35%	0.037%
38	16.974	2372	2378	2383	rBV2	520877	714892	42.16%	4.465%
39	17.015	2383	2385	2388	rVB	7509	7240	0.43%	0.045%
40	17.074	2388	2395	2405	rBV	864868	1140424	67.25%	7.122%
41	17.274	2424	2429	2433	rVB2	2334	3583	0.21%	0.022%
42	17.357	2437	2443	2453	rBV2	57358	97771	5.77%	0.611%
43	17.457	2457	2460	2462	rVB2	2171	2141	0.13%	0.013%
44	17.639	2486	2491	2496	rBV	1540	1980	0.12%	0.012%
45	17.874	2524	2531	2540	rBV	151294	221704	13.07%	1.385%
46	18.039	2557	2559	2562	rBV4	2424	2336	0.14%	0.015%
47	18.145	2574	2577	2580	rBV4	2684	3859	0.23%	0.024%
48	18.174	2580	2582	2584	rVV2	2194	2160	0.13%	0.013%
49	18.398	2616	2620	2623	rBV3	1823	2526	0.15%	0.016%
50	18.527	2638	2642	2649	rBV3	8511	14428	0.85%	0.090%
51	18.733	2672	2677	2685	rBV	248271	381210	22.48%	2.381%
52	18.939	2710	2712	2715	rVB3	3272	2164	0.13%	0.014%
53	19.015	2720	2725	2727	rBV2	18981	25780	1.52%	0.161%
54	19.051	2727	2731	2735	rVB2	55927	72610	4.28%	0.453%
55	19.156	2745	2749	2762	rBV	93377	144194	8.50%	0.900%
56	19.268	2765	2768	2773	rVB2	7688	12237	0.72%	0.076%
57	19.380	2781	2787	2797	rBV	1320624	1695798	100.00%	10.590%
58	19.509	2805	2809	2812	rBV5	8698	11133	0.66%	0.070%
59	19.862	2867	2869	2870	rBV2	4973	3863	0.23%	0.024%
60	19.898	2870	2875	2882	rVV4	49990	98282	5.80%	0.614%
61	20.256	2934	2936	2939	rVB3	13396	11527	0.68%	0.072%
62	20.321	2944	2947	2951	rBV5	14938	17964	1.06%	0.112%
63	20.409	2960	2962	2968	rBV5	13117	16941	1.00%	0.106%
64	20.745	3015	3019	3024	rBV	68291	74951	4.42%	0.468%
65	20.856	3034	3038	3040	rBV2	30790	45377	2.68%	0.283%
66	20.886	3040	3043	3052	rVV2	173349	266374	15.71%	1.664%
67	20.968	3054	3057	3061	rVV3	17335	25925	1.53%	0.162%
68	21.039	3065	3069	3075	rVV	47429	68028	4.01%	0.425%
69	21.086	3075	3077	3080	rVV2	14655	14318	0.84%	0.089%
70	21.180	3088	3093	3099	rBV	757699	1020446	60.17%	6.373%
71	21.739	3186	3188	3191	rBV3	28126	26744	1.58%	0.167%

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Title : SVOA CALIBRATION

72	22.192	3262	3265	3271	rVB	57782	71538	4.22%	0.447%
73	22.680	3344	3348	3352	rVB	72162	103382	6.10%	0.646%
74	23.238	3435	3443	3457	rVB	803235	1577903	93.05%	9.854%
75	23.374	3460	3466	3473	rVB2	462320	811727	47.87%	5.069%
76	23.833	3541	3544	3549	rVB2	76764	120628	7.11%	0.753%

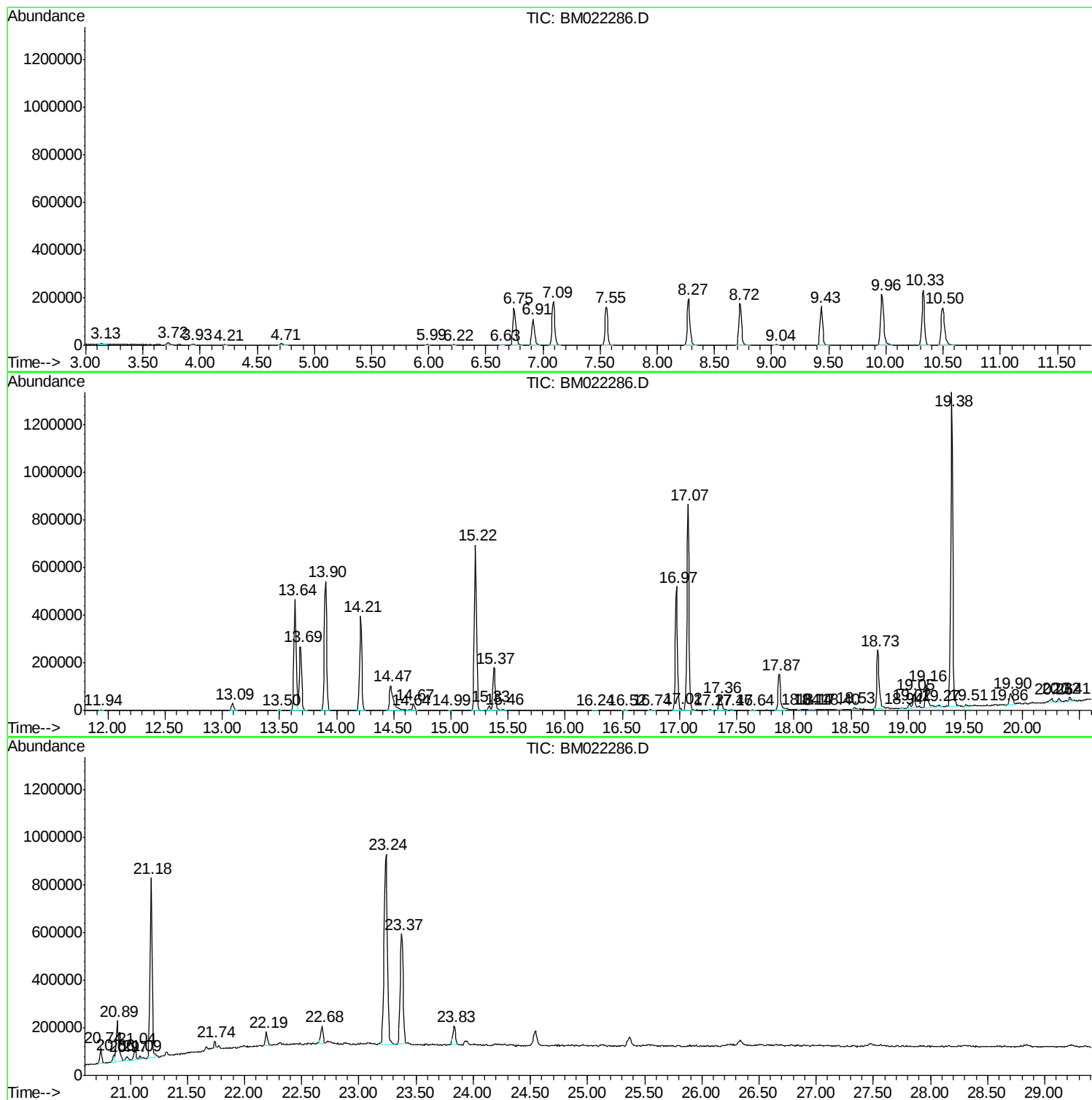
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022286.D
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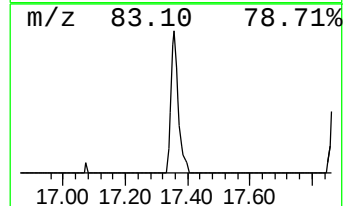
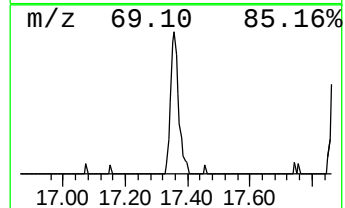
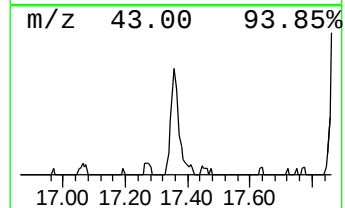
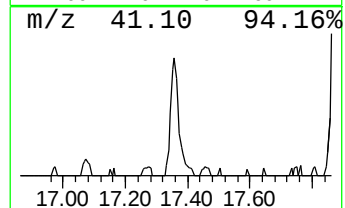
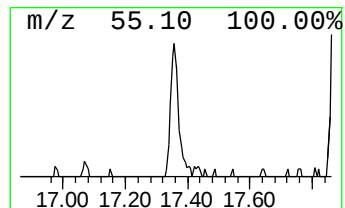
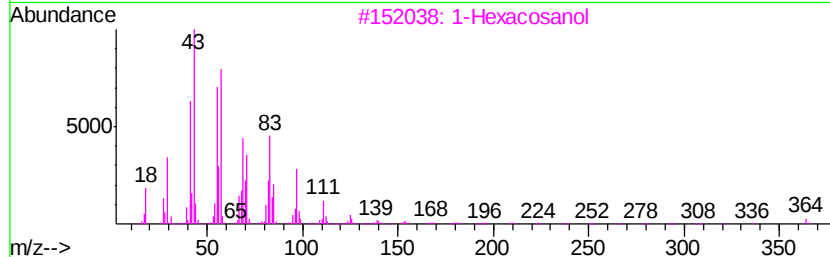
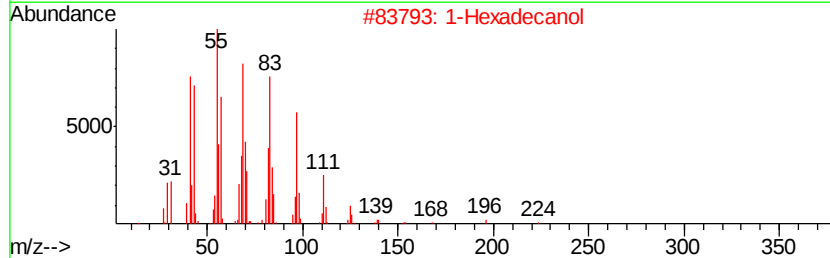
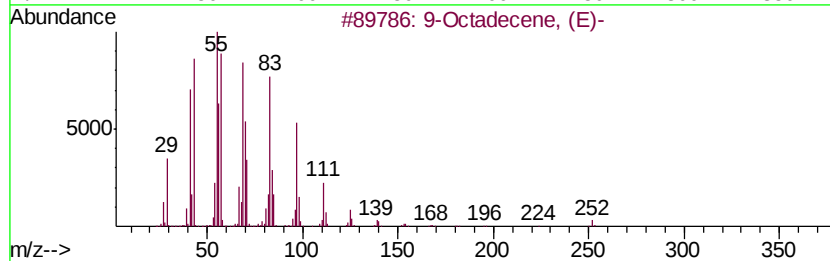
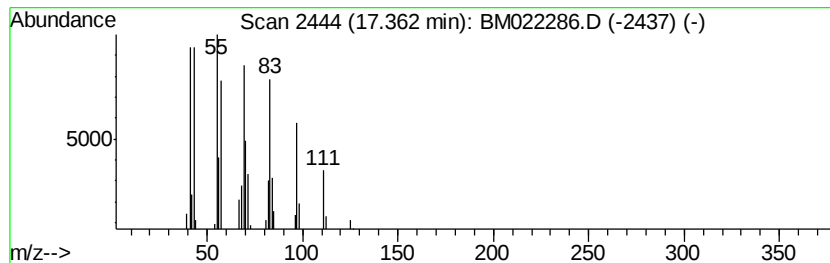
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.36 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.74 ng/ul	97771	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
2		1-Hexadecanol	242	C16H34O	036653-82-4	91
3		1-Hexacosanol	382	C26H54O	000506-52-5	90
4		11-Tricosene	322	C23H46	052078-56-5	90
5		1-Tetracosanol	354	C24H50O	000506-51-4	90



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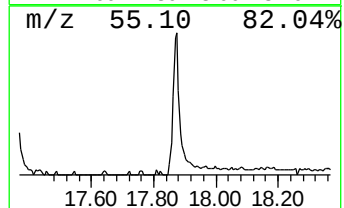
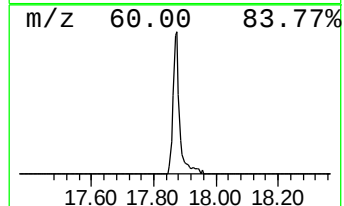
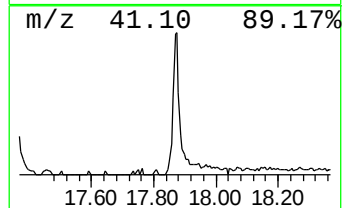
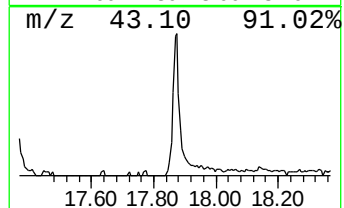
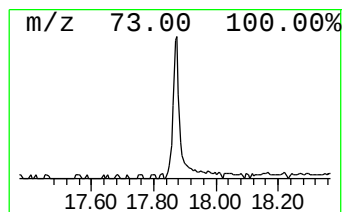
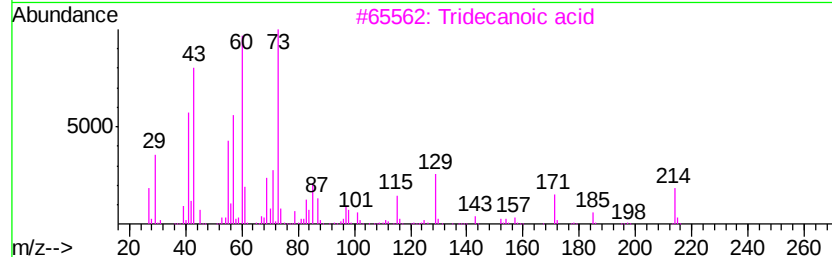
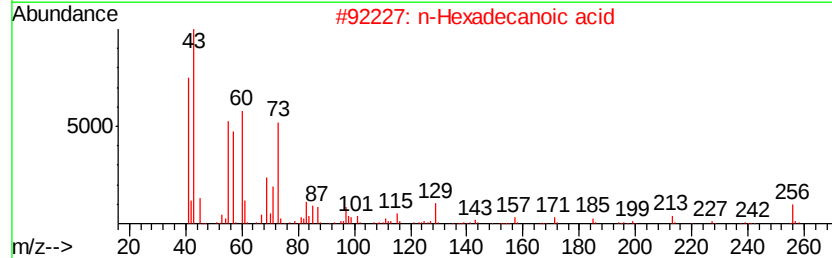
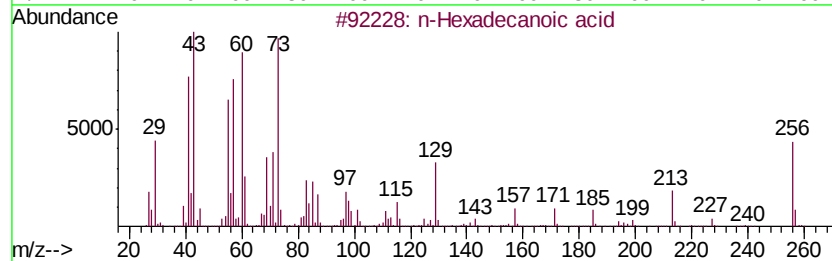
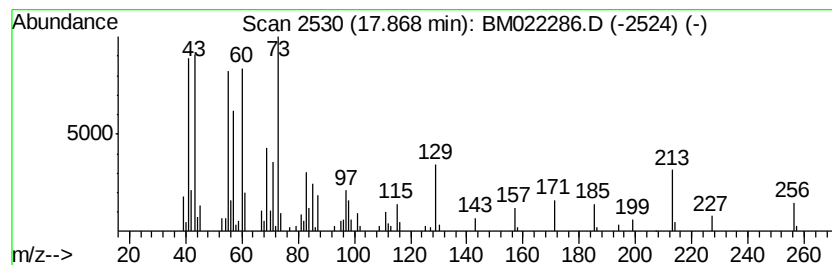
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	6.20 ng/ul	221704	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	91	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70	



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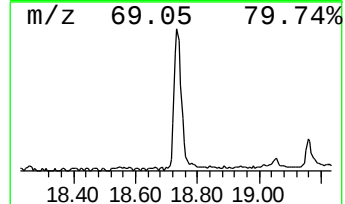
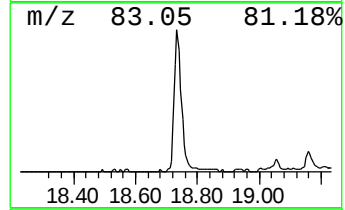
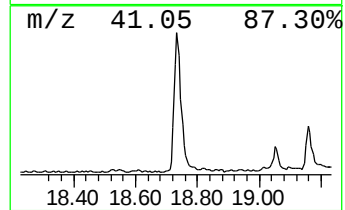
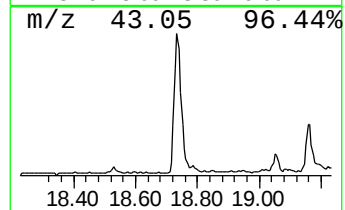
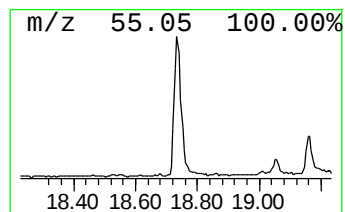
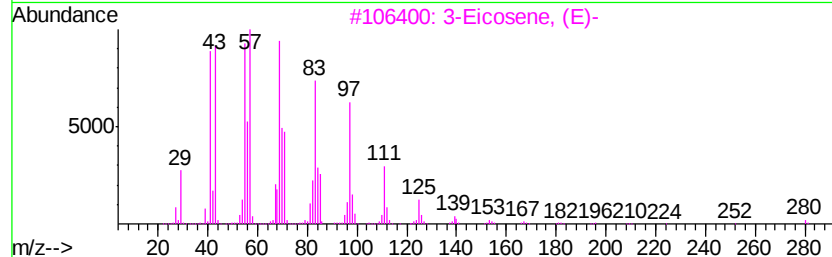
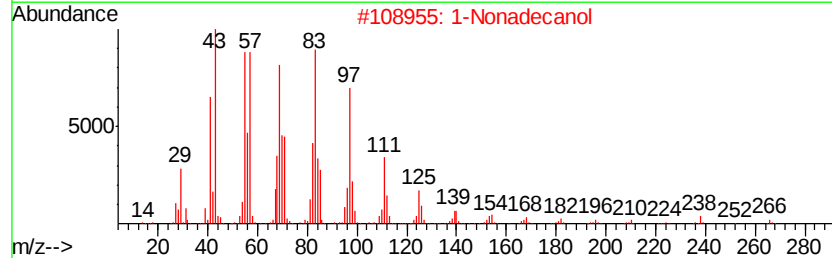
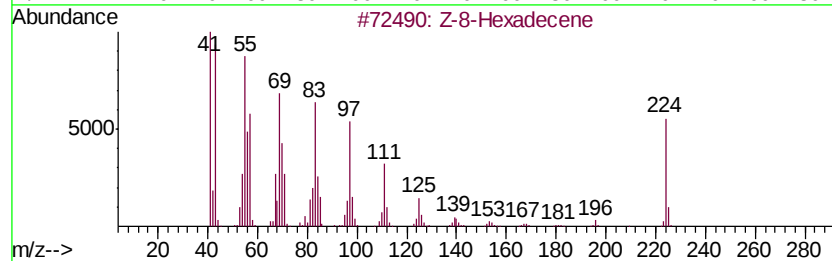
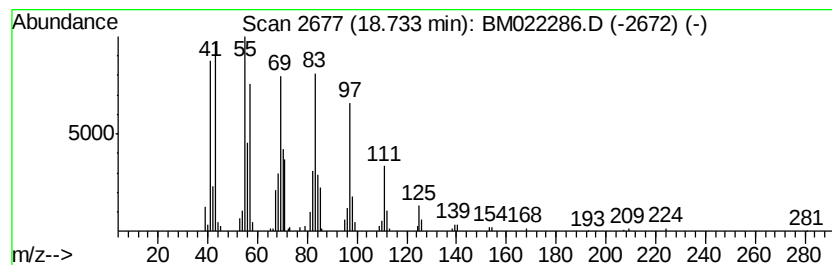
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic18.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	10.66 ng/ul	381210	Phenanthrene-d10	16.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-8-Hexadecene	224	C16H32	1000130-87-5	95
2		1-Nonadecanol	284	C19H40O	001454-84-8	95
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	94
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
5		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94



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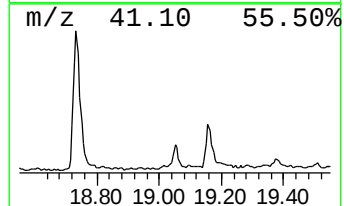
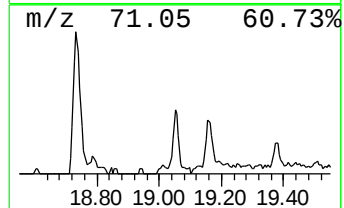
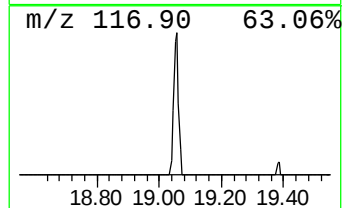
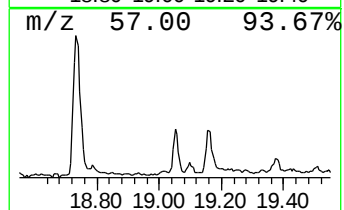
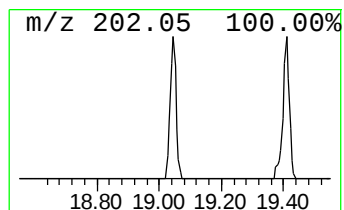
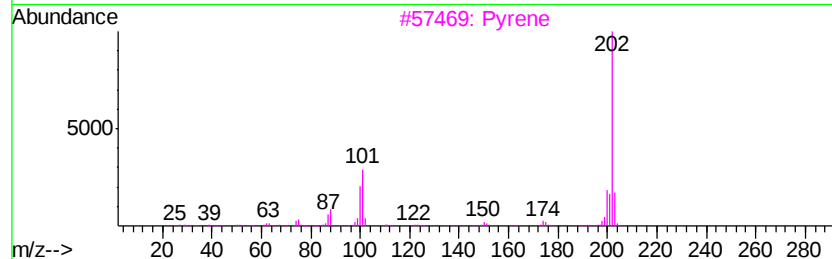
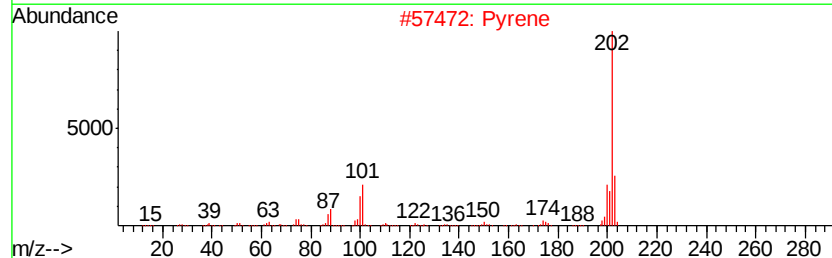
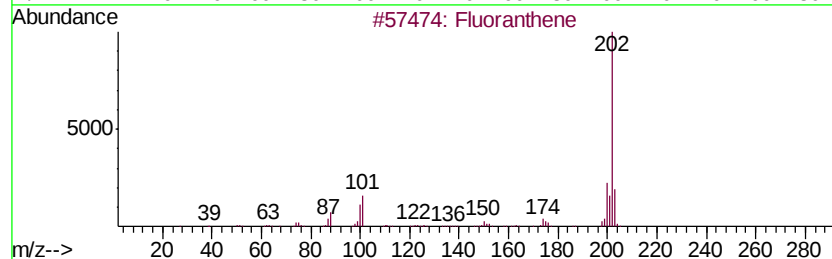
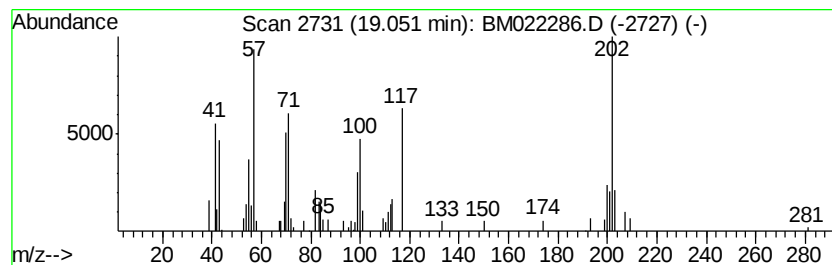
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.05	2.03 ng/ul	72610	Phenanthrene-d10		16.97	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene	202	C16H10	000206-44-0	30
2		Pyrene	202	C16H10	000129-00-0	27
3		Pvrene	202	C16H10	000129-00-0	27
4		Pyrene	202	C16H10	000129-00-0	27
5		Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022286.D
Acq On : 24 Aug 2019 10:18
Operator : HP/JU
Sample : K4242-13
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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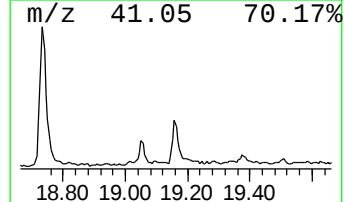
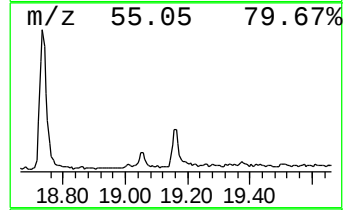
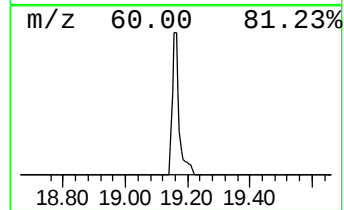
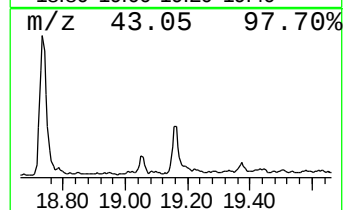
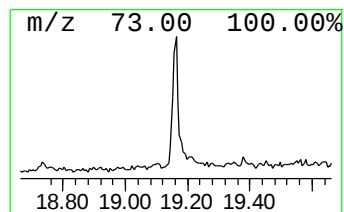
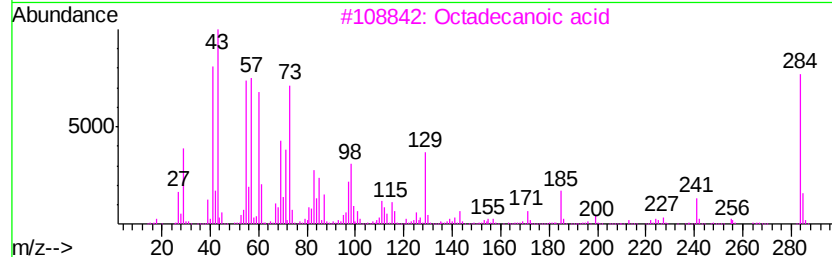
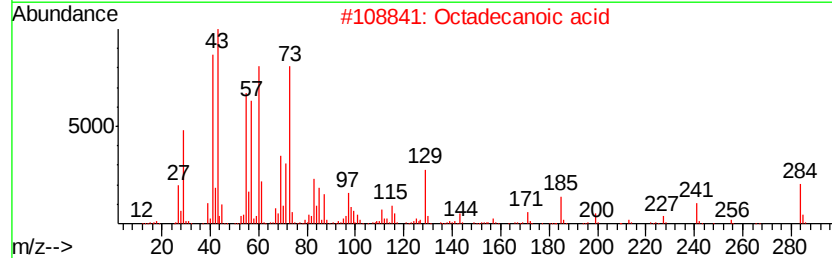
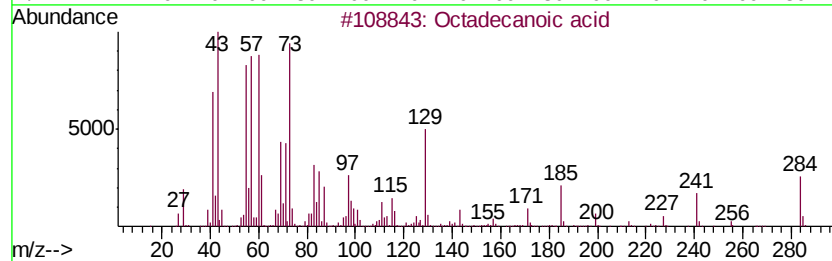
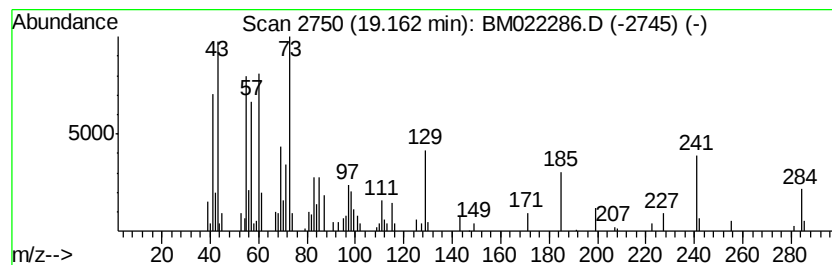
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.16	2.83 ng/ul	144194	Chrysene-d12		21.18

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	96
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022286.D
Acq On : 24 Aug 2019 10:18
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Sample : K4242-13
Misc :
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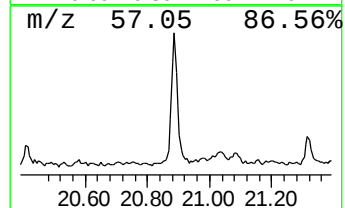
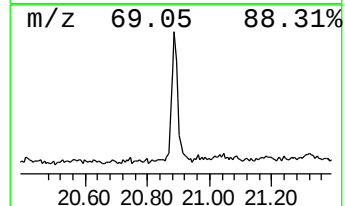
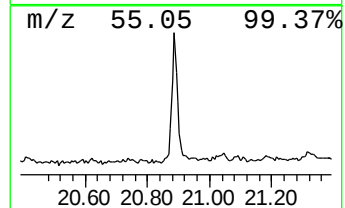
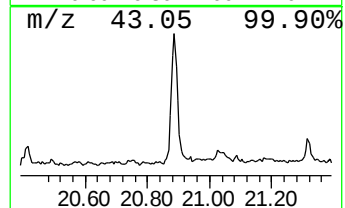
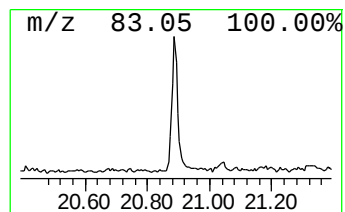
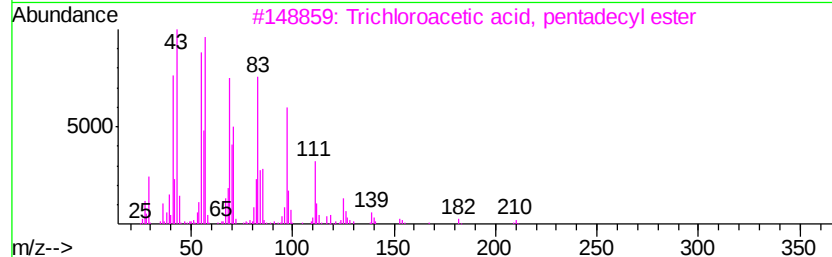
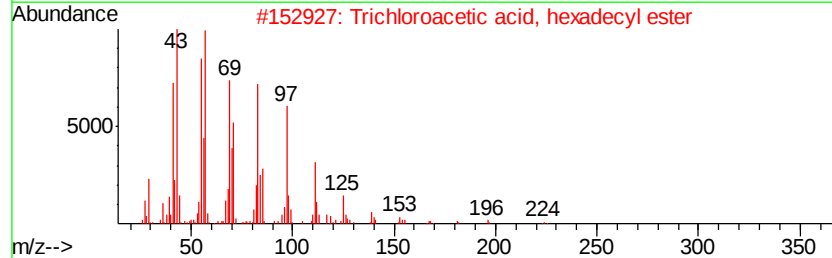
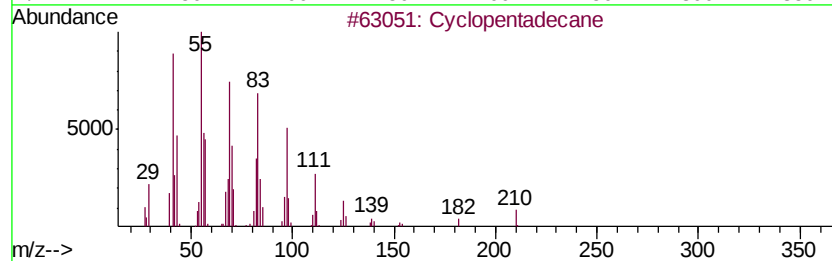
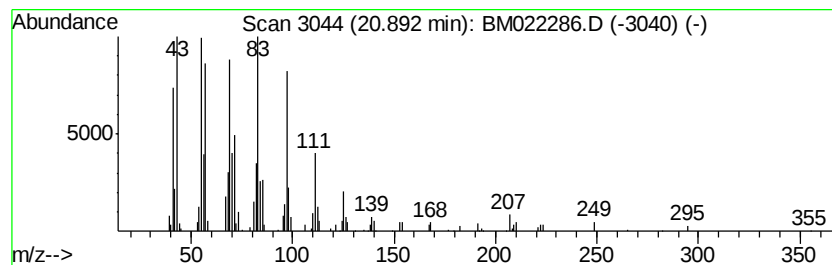
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	5.22 ng/ul	266374	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	95
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022286.D
Acq On : 24 Aug 2019 10:18
Operator : HP/JU
Sample : K4242-13
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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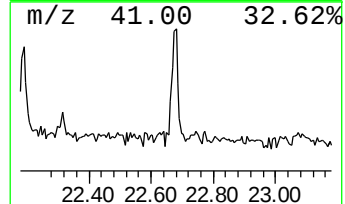
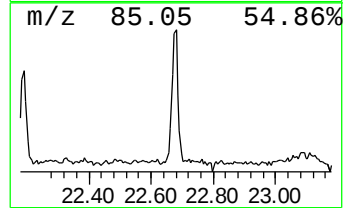
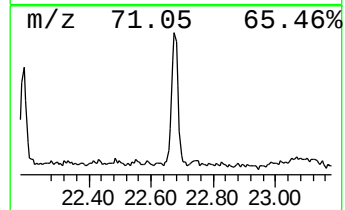
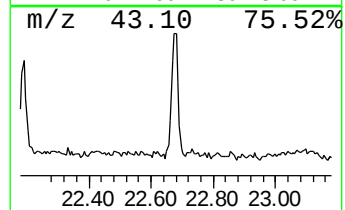
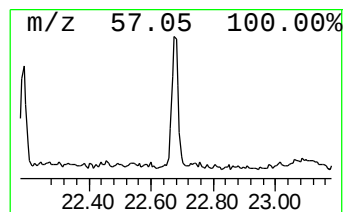
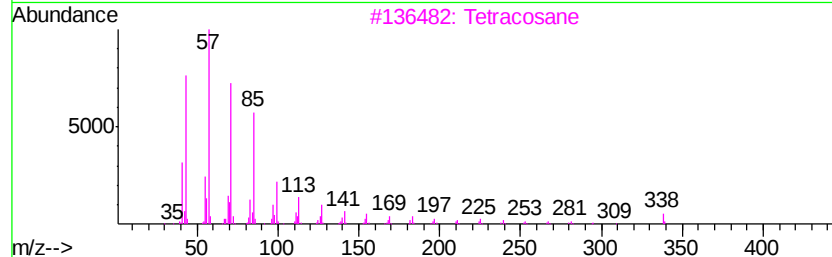
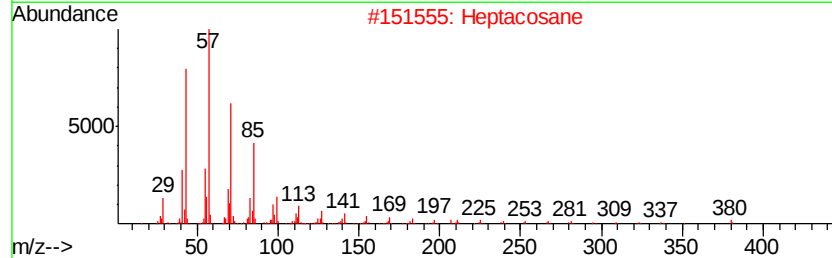
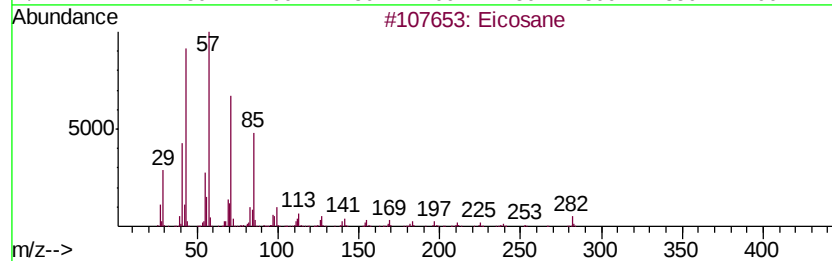
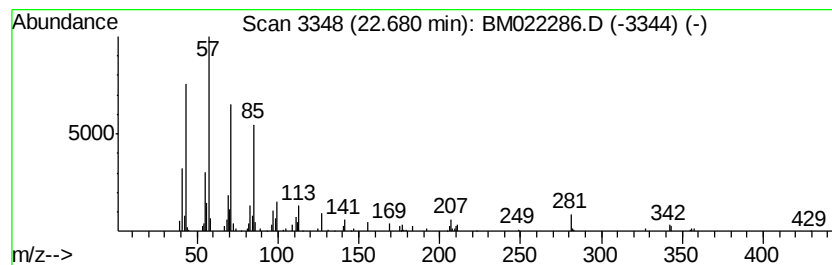
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.68	2.55 ng/ul	103382	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082319\
Data File : BM022286.D
Acq On : 24 Aug 2019 10:18
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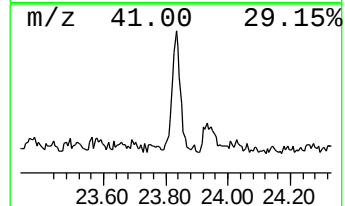
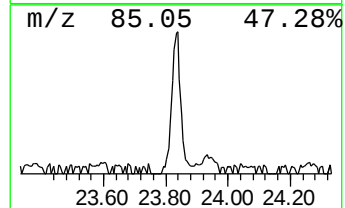
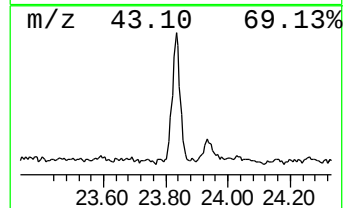
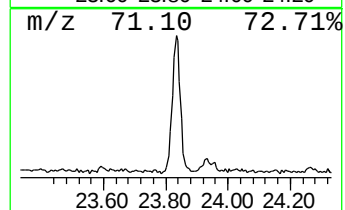
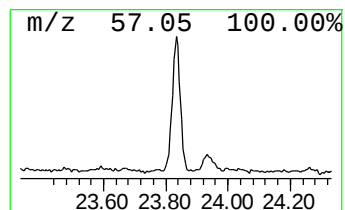
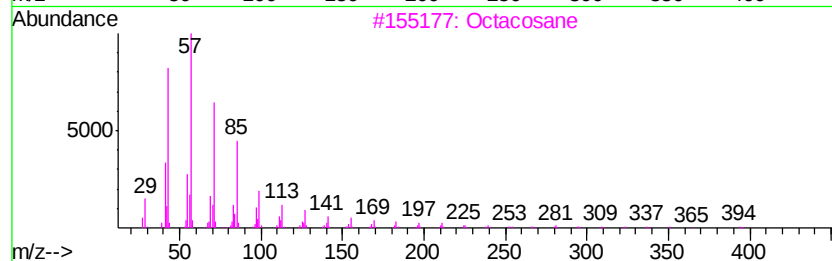
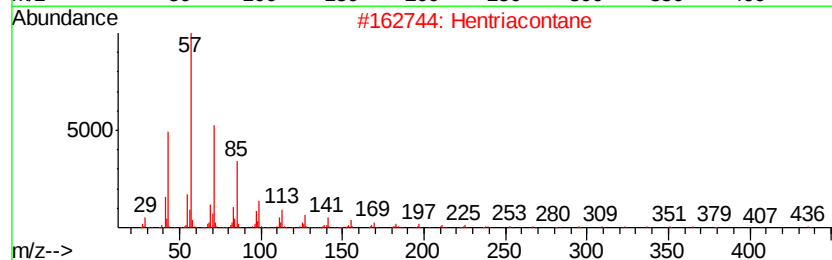
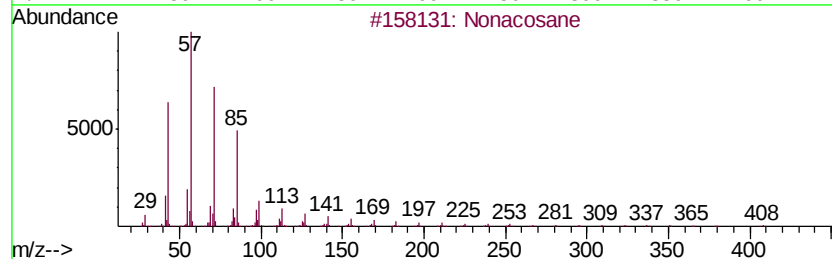
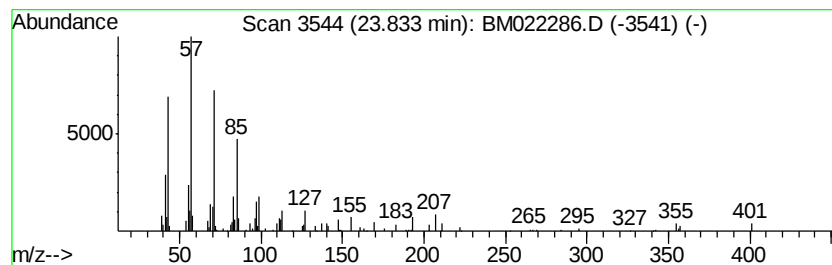
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.83	2.97 ng/ul	120628	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	87
2		Hentriacontane	437	C31H64	000630-04-6	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Data File : BM022286.D
Acq On : 24 Aug 2019 10:18
Operator : HP/JU
Sample : K4242-13
Misc :
ALS Vial : 39 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
(DEL) Alkane: Cyc...	17.36	2.7	ng/ul	97771	4	16.97	714892	20.0
n-Hexadecanoic acid	17.87	6.2	ng/ul	221704	4	16.97	714892	20.0
(DEL) Alkane: Cyc...	18.73	10.7	ng/ul	381210	4	16.97	714892	20.0
unknown-01	19.05	2.0	ng/ul	72610	4	16.97	714892	20.0
Octadecanoic acid	19.16	2.8	ng/ul	144194	5	21.18	1020450	20.0
(DEL) Alkane: Cyc...	20.89	5.2	ng/ul	266374	5	21.18	1020450	20.0
(DEL) Alkane: Str...	22.68	2.5	ng/ul	103382	6	23.37	811727	20.0
(DEL) Alkane: Str...	23.83	3.0	ng/ul	120628	6	23.37	811727	20.0