

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM023026.D
 Acq On : 06 Oct 2019 14:15
 Operator : JU
 Sample : K5057-20
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAK8

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-BM092719MA.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	3.263	44	47	55	rVB	14885	23271	0.60%	0.045%
2	3.781	131	135	140	rVB4	6347	9847	0.26%	0.019%
3	3.905	152	156	163	rVB2	14697	23602	0.61%	0.045%
4	3.993	167	171	175	rVB	12860	17452	0.45%	0.034%
5	4.210	206	208	213	rVB4	6202	7669	0.20%	0.015%
6	4.334	225	229	233	rBV	10628	16801	0.44%	0.032%
7	4.452	246	249	257	rVB4	4315	9312	0.24%	0.018%
8	4.622	275	278	288	rVB4	5555	9639	0.25%	0.019%
9	4.910	322	327	339	rVB	70383	115619	3.00%	0.223%
10	6.463	584	591	599	rVB4	8609	18879	0.49%	0.036%
11	6.787	640	646	652	rVB9	3882	7132	0.19%	0.014%
12	6.951	667	674	690	rVB2	333584	630666	16.37%	1.216%
13	7.116	696	702	711	rBV	274649	443654	11.51%	0.855%
14	7.316	728	736	745	rVB	375841	589153	15.29%	1.136%
15	7.416	750	753	761	rVB4	5321	9132	0.24%	0.018%
16	7.781	808	815	824	rBV	927128	1459957	37.89%	2.814%
17	7.857	824	828	833	rVB	6997	10935	0.28%	0.021%
18	8.487	929	935	949	rBV	434732	696819	18.08%	1.343%
19	8.610	949	956	964	rVB	18748	34837	0.90%	0.067%
20	8.934	1004	1011	1019	rBV	347104	584042	15.16%	1.126%
21	9.110	1036	1041	1046	rVB5	5147	8102	0.21%	0.016%
22	9.375	1082	1086	1091	rVB	13164	19396	0.50%	0.037%
23	9.657	1126	1134	1141	rBV	271688	448111	11.63%	0.864%
24	9.992	1186	1191	1198	rVB4	3557	6353	0.16%	0.012%
25	10.192	1219	1225	1241	rVB	465318	762146	19.78%	1.469%
26	10.569	1281	1289	1297	rBV	1358999	2310595	59.97%	4.454%
27	10.710	1304	1313	1323	rBV	259416	483121	12.54%	0.931%
28	11.604	1462	1465	1474	rVB4	4137	8696	0.23%	0.017%
29	12.004	1527	1533	1535	rBV2	5956	8823	0.23%	0.017%
30	12.033	1535	1538	1543	rVB	18085	26911	0.70%	0.052%
31	12.163	1554	1560	1566	rVB2	6342	11791	0.31%	0.023%
32	12.233	1568	1572	1577	rVB	6335	9692	0.25%	0.019%
33	12.451	1604	1609	1614	rVB3	5204	9007	0.23%	0.017%
34	13.033	1704	1708	1712	rVB4	6338	7883	0.20%	0.015%

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35	13.251	1741	1745	1750	rBV2	11425	16122	0.42%	0.031%
36	13.322	1750	1757	1761	rVV3	16815	30213	0.78%	0.058%
37	13.369	1761	1765	1772	rVB3	8518	13383	0.35%	0.026%
38	13.474	1777	1783	1787	rVB4	4750	8105	0.21%	0.016%
39	13.745	1824	1829	1831	rVV3	5914	9520	0.25%	0.018%
40	13.769	1831	1833	1837	rVV3	7771	10171	0.26%	0.020%
41	13.827	1837	1843	1847	rVV	909365	1242429	32.24%	2.395%
42	13.874	1847	1851	1862	rVV	943967	1293621	33.57%	2.493%
43	13.957	1862	1865	1872	rVB3	7193	10925	0.28%	0.021%
44	14.110	1881	1891	1903	rBV	1108417	1593417	41.35%	3.071%
45	14.269	1914	1918	1924	rVB3	4988	7912	0.21%	0.015%
46	14.327	1924	1928	1933	rBV	12841	15987	0.41%	0.031%
47	14.421	1933	1944	1953	rBV	2225536	3333309	86.51%	6.425%
48	14.486	1953	1955	1960	rVV4	8255	13231	0.34%	0.026%
49	14.616	1971	1977	1985	rVV	92448	167348	4.34%	0.323%
50	14.680	1985	1988	1996	rVV6	11947	22088	0.57%	0.043%
51	14.792	1999	2007	2011	rVV3	26313	46088	1.20%	0.089%
52	14.833	2011	2014	2021	rVV4	18936	29430	0.76%	0.057%
53	15.010	2041	2044	2051	rBV5	3976	6393	0.17%	0.012%
54	15.227	2075	2081	2085	rBV4	7674	14793	0.38%	0.029%
55	15.280	2085	2090	2095	rVB	14193	16938	0.44%	0.033%
56	15.410	2106	2112	2119	rBV	1448824	2007127	52.09%	3.869%
57	15.527	2125	2132	2138	rBV	199088	278227	7.22%	0.536%
58	15.592	2140	2143	2148	rVB4	6140	9348	0.24%	0.018%
59	15.651	2148	2153	2157	rBV2	15871	23595	0.61%	0.045%
60	15.757	2166	2171	2181	rVB6	16286	27651	0.72%	0.053%
61	15.898	2191	2195	2197	rBV3	3750	5880	0.15%	0.011%
62	15.974	2203	2208	2209	rBV3	4674	7539	0.20%	0.015%
63	16.157	2232	2239	2243	rBV5	42872	82346	2.14%	0.159%
64	16.310	2260	2265	2271	rVB7	8303	16495	0.43%	0.032%
65	16.363	2271	2274	2277	rBV5	6667	9931	0.26%	0.019%
66	16.415	2279	2283	2287	rVV4	5016	7732	0.20%	0.015%
67	16.563	2304	2308	2316	rVV4	23791	38264	0.99%	0.074%
68	16.762	2337	2342	2348	rBV	8703	15616	0.41%	0.030%
69	16.874	2357	2361	2366	rBV6	9743	13864	0.36%	0.027%
70	16.933	2366	2371	2376	rBV4	16836	32830	0.85%	0.063%
71	17.062	2389	2393	2397	rBV6	7572	13997	0.36%	0.027%

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72	17.157	2400	2409	2416	rVV2	2702457	3853095	100.00%	7.427%
73	17.257	2420	2426	2437	rVV	1523933	2126570	55.19%	4.099%
74	17.351	2437	2442	2447	rVB3	21510	32698	0.85%	0.063%
75	17.551	2469	2476	2484	rBV9	23882	58115	1.51%	0.112%
76	17.651	2489	2493	2499	rBV3	44510	68680	1.78%	0.132%
77	17.833	2521	2524	2529	rVB3	12866	16538	0.43%	0.032%
78	17.933	2536	2541	2546	rBV7	16131	31329	0.81%	0.060%
79	17.998	2547	2552	2557	rBV	122680	169926	4.41%	0.328%
80	18.062	2557	2563	2572	rBV	633656	911463	23.66%	1.757%
81	18.357	2610	2613	2617	rBV2	32722	38759	1.01%	0.075%
82	18.486	2632	2635	2638	rBV4	12905	15053	0.39%	0.029%
83	18.992	2717	2721	2728	rBV2	55715	94030	2.44%	0.181%
84	19.192	2751	2755	2756	rBV2	58672	70425	1.83%	0.136%
85	19.221	2756	2760	2768	rVB4	99259	212465	5.51%	0.410%
86	19.339	2776	2780	2788	rBV	145934	235654	6.12%	0.454%
87	19.551	2810	2816	2823	rBV	1793608	2563235	66.52%	4.941%
88	20.074	2902	2905	2907	rBV2	71125	91286	2.37%	0.176%
89	20.103	2908	2910	2913	rVB	108969	110651	2.87%	0.213%
90	21.056	3069	3072	3079	rBV	1554121	1941835	50.40%	3.743%
91	21.339	3116	3120	3129	rBV	2863715	3512962	91.17%	6.771%
92	21.956	3219	3225	3234	rVB2	781417	1534580	39.83%	2.958%
93	22.915	3384	3388	3392	rBV	1109313	1586783	41.18%	3.058%
94	22.962	3393	3396	3409	rVB	845784	1385650	35.96%	2.671%
95	23.450	3475	3479	3484	rBV	748115	1298546	33.70%	2.503%
96	23.597	3499	3504	3513	rVB	1616717	3077081	79.86%	5.931%
97	23.809	3535	3540	3549	rVB	1000283	1932819	50.16%	3.725%
98	24.150	3593	3598	3605	rVB	1070646	2077140	53.91%	4.004%
99	24.233	3608	3612	3623	rVB	762992	1615961	41.94%	3.115%
100	26.709	4027	4033	4049	rVB3	608399	1887629	48.99%	3.638%

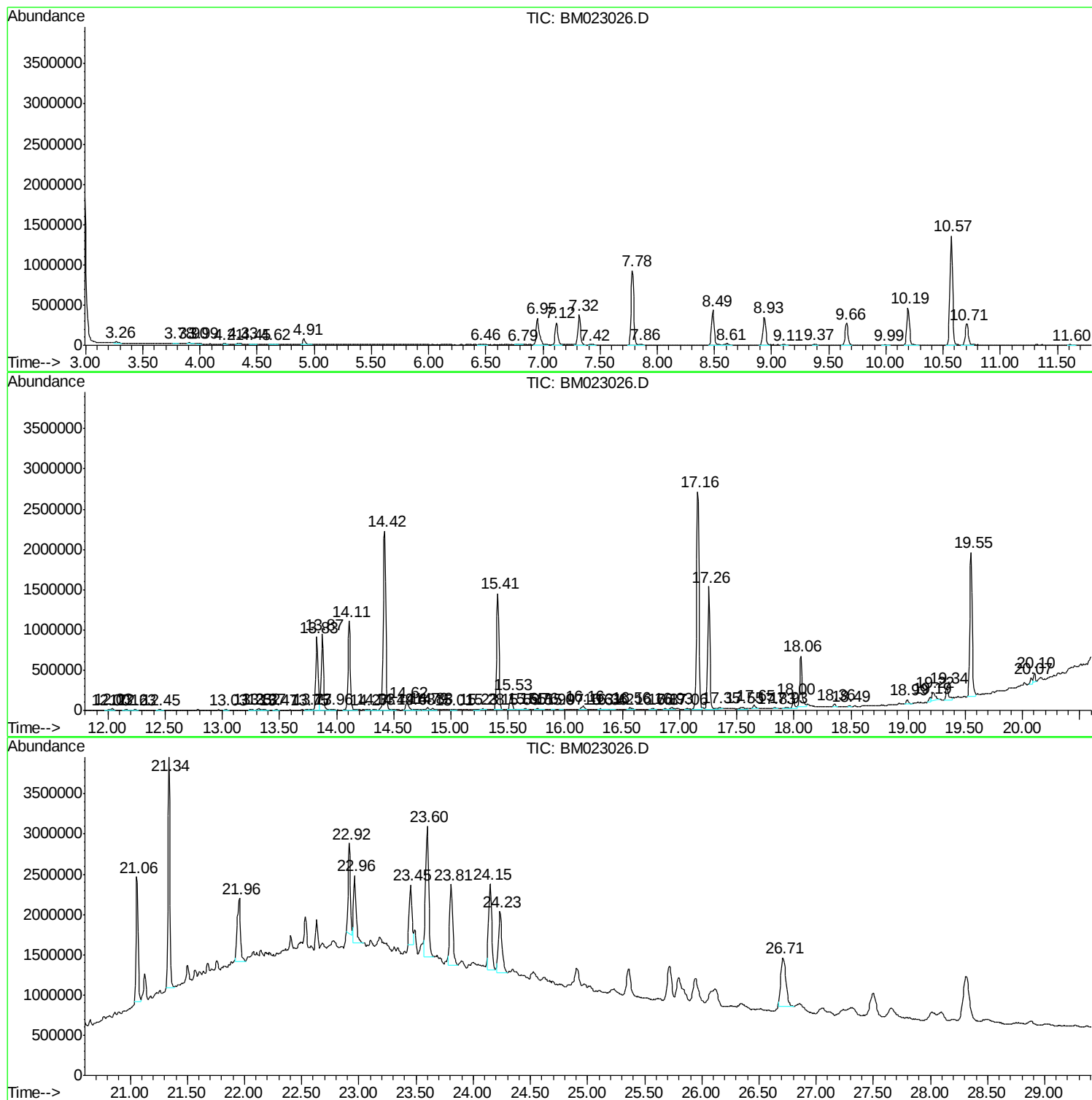
Sum of corrected areas: 51881868

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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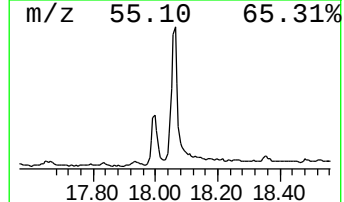
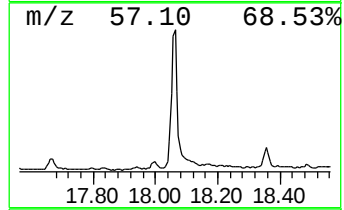
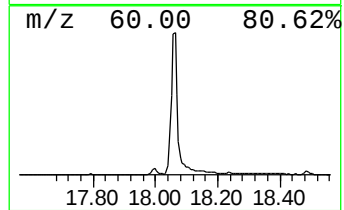
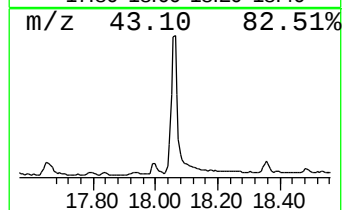
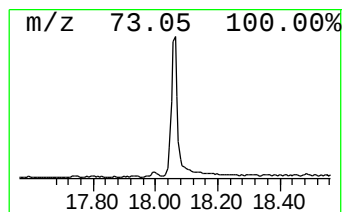
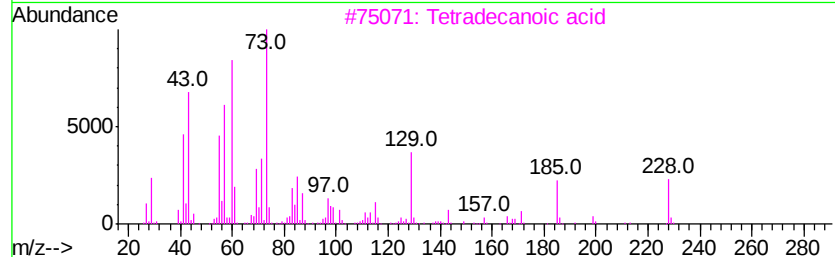
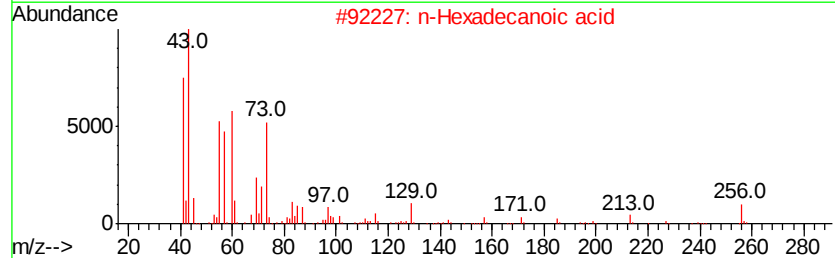
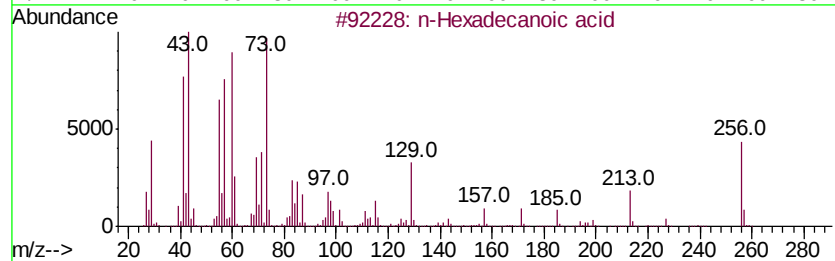
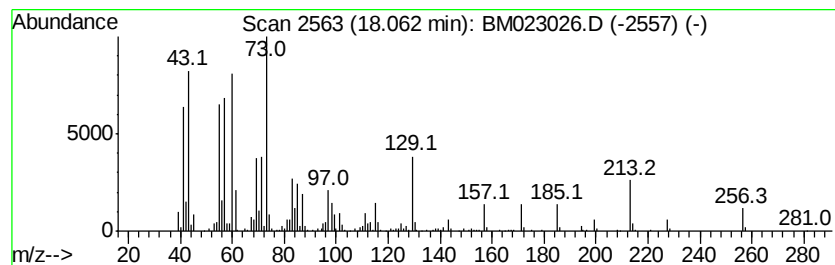
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.06	4.73 ng/ul	911463	Phenanthrene-d10		17.16	
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	94	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86	



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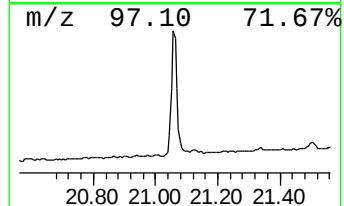
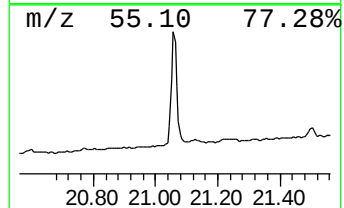
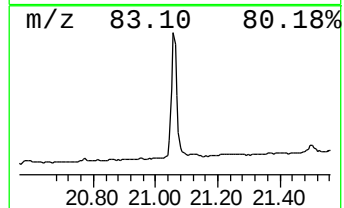
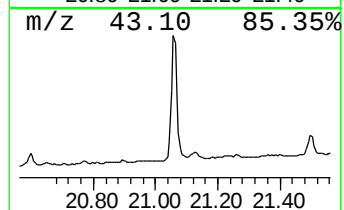
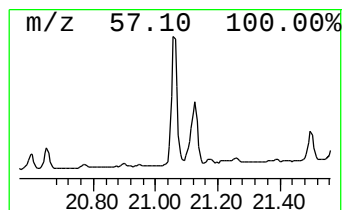
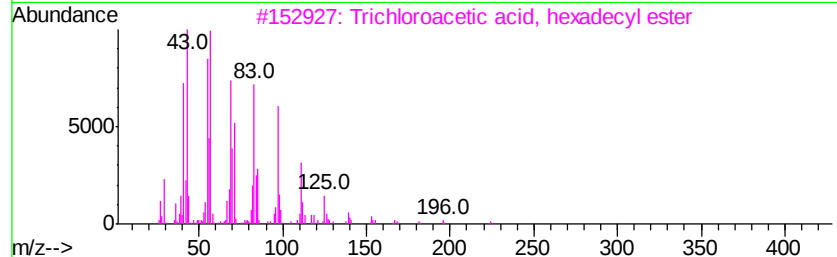
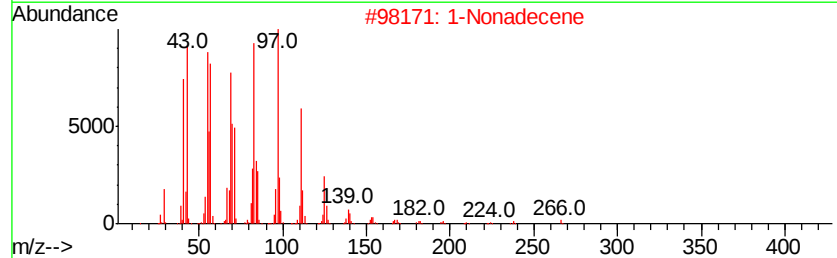
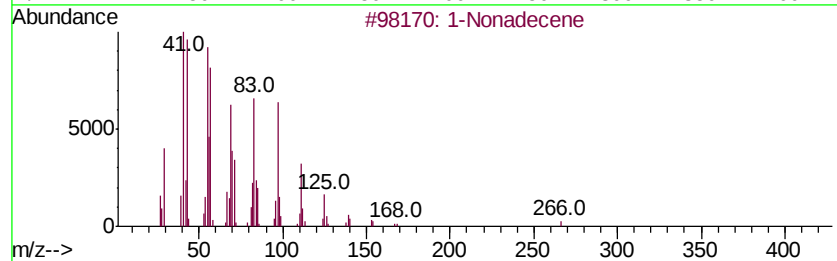
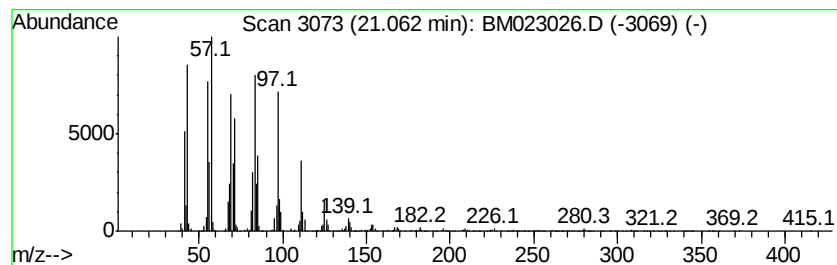
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	11.06 ng/ul	1941840	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		1-Nonadecene	266	C19H38	018435-45-5	97
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5		Trifluoroacetic acid, n-octadecyl ...	366	C20H37F3O2	079392-43-1	91



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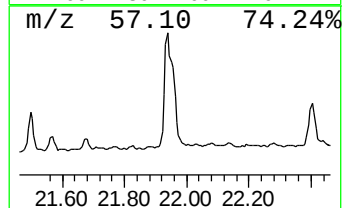
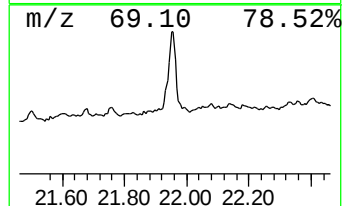
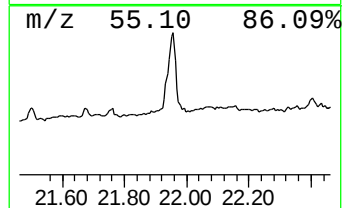
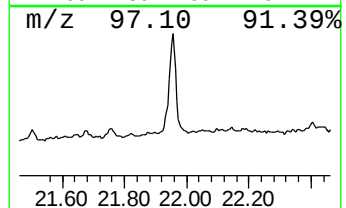
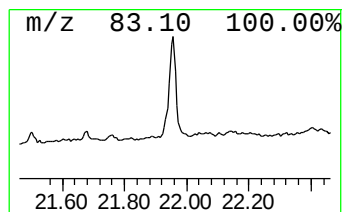
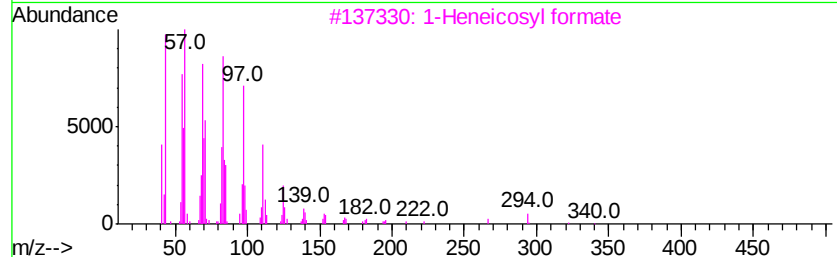
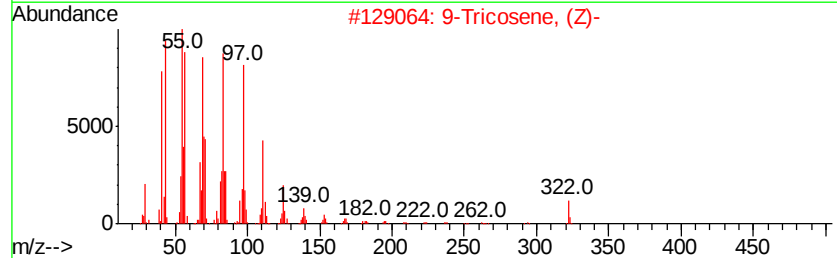
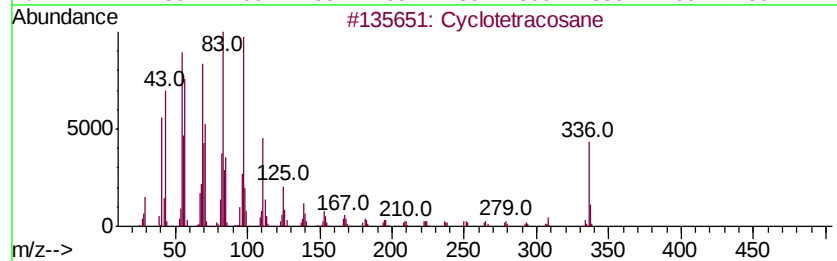
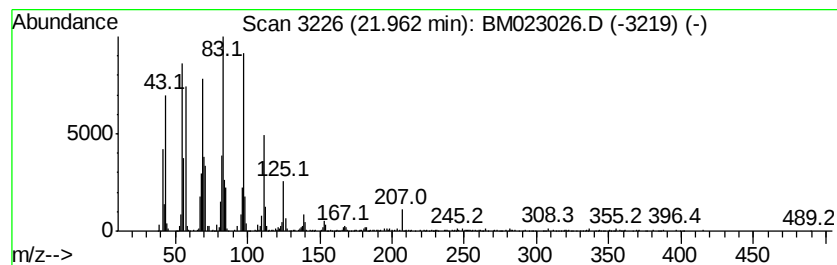
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Peak Number 3 (DEL) Alkane: Cyclic21.96 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	8.74 ng/ul	1534580	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	99
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
4		1-Tricosene	322	C23H46	018835-32-0	90
5		1-Docosene	308	C22H44	001599-67-3	89



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Data File : BM023026.D
Acq On : 06 Oct 2019 14:15
Operator : JU
Sample : K5057-20
Misc :
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Instrument :
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ClientSampleId :
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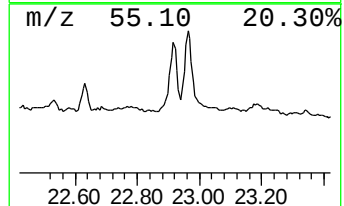
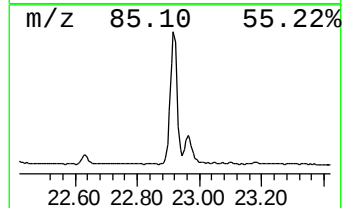
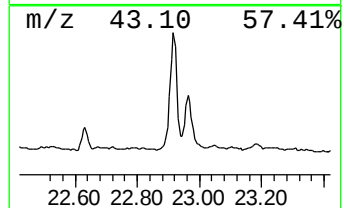
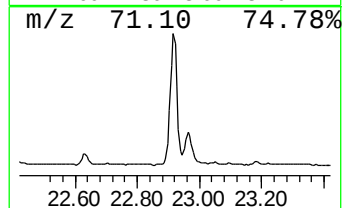
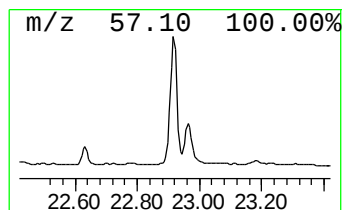
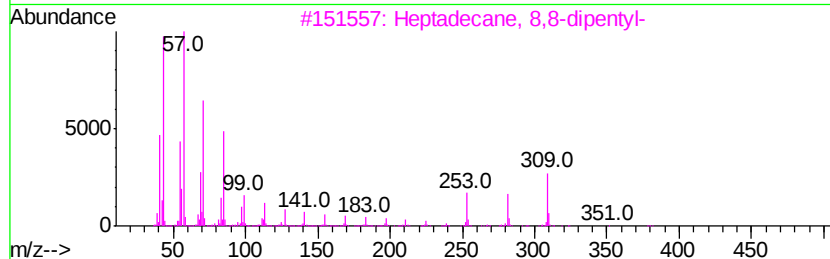
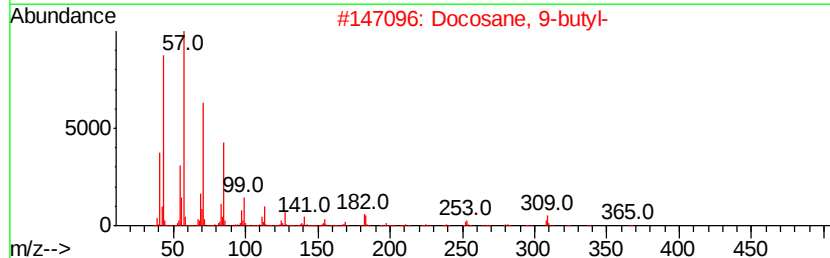
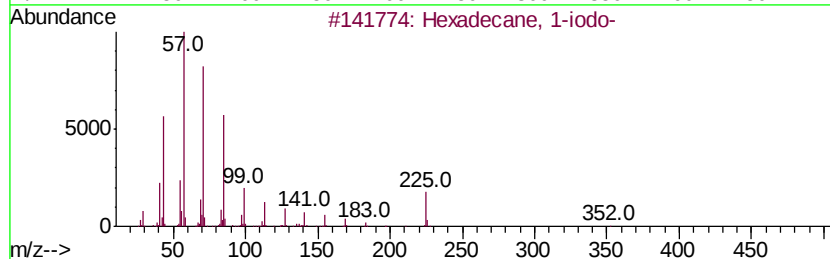
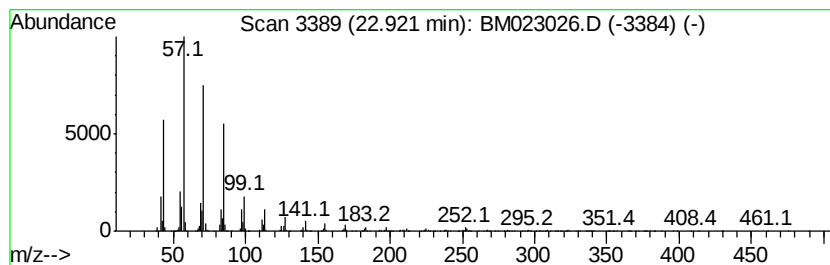
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.92	10.31 ng/ul	1586780	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	95
3		Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
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ClientSampleId :
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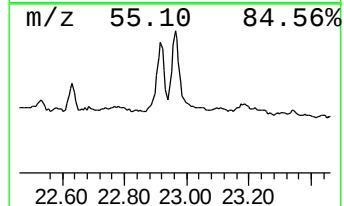
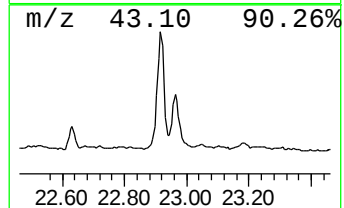
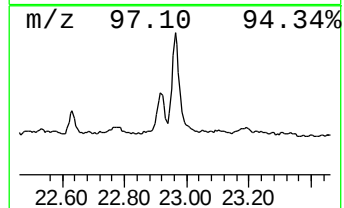
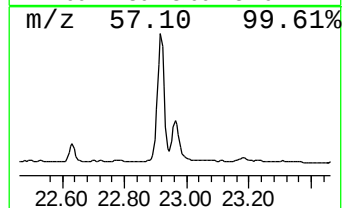
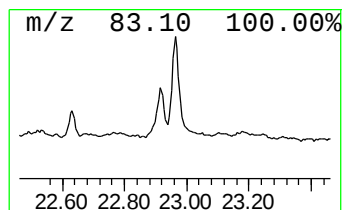
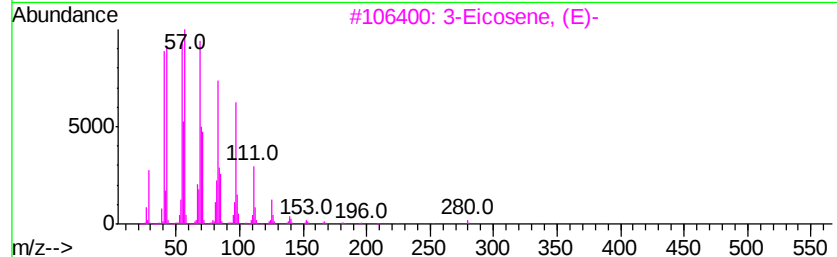
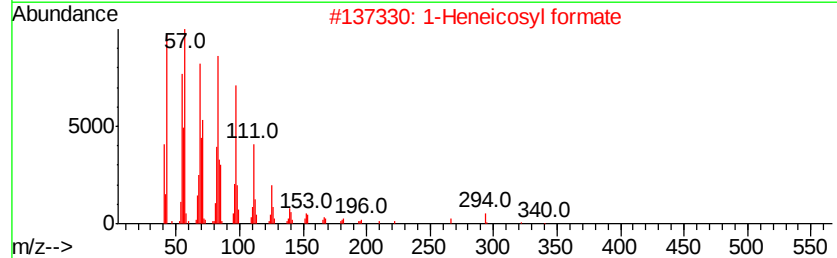
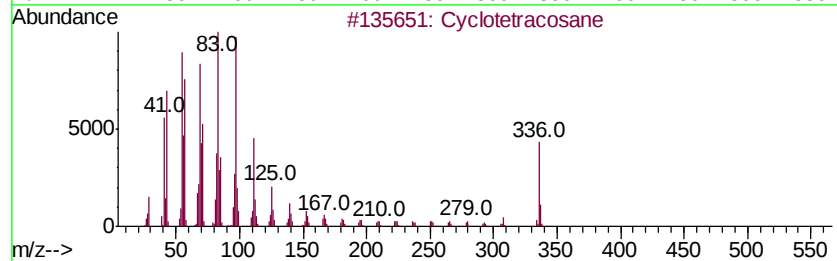
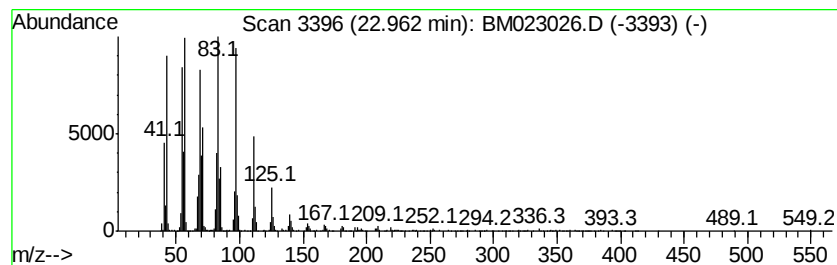
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic22.96 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	9.01 ng/ul	1385650	Perylene-d12	23.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4		1-Heptadecanol	256	C17H36O	001454-85-9	87
5		Cyclohexadecane	224	C16H32	000295-65-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM023026.D
Acq On : 06 Oct 2019 14:15
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Sample : K5057-20
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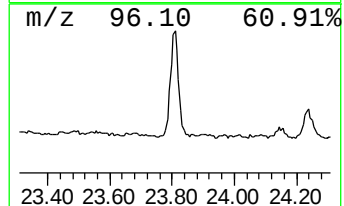
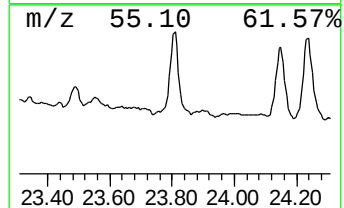
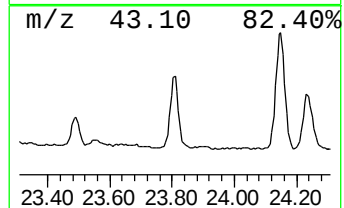
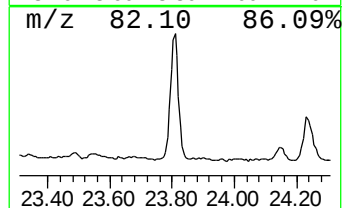
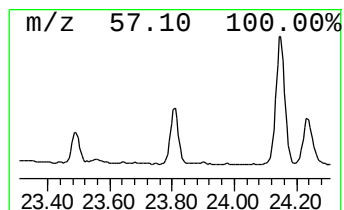
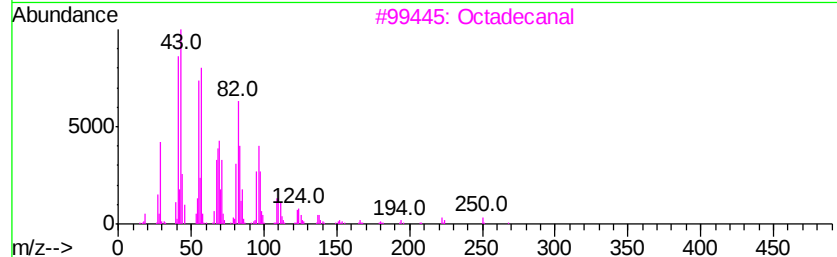
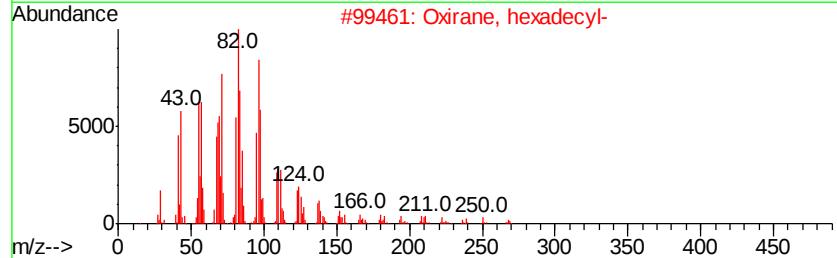
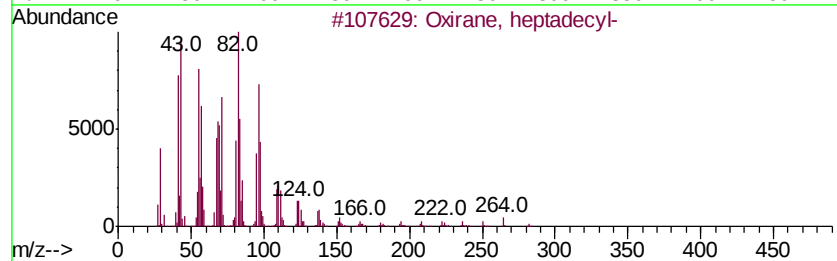
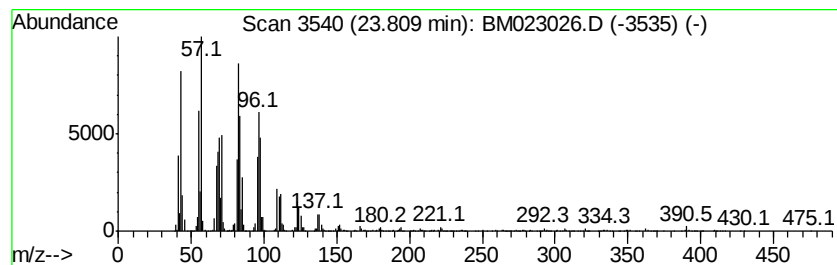
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Oxirane, heptadecyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	12.56 ng/ul	1932820	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM023026.D
Acq On : 06 Oct 2019 14:15
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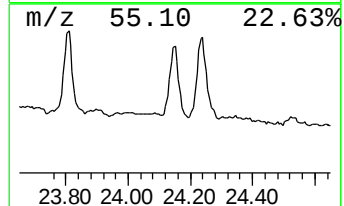
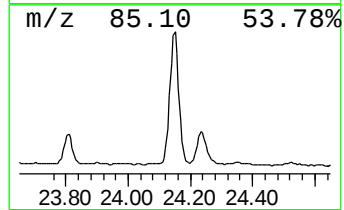
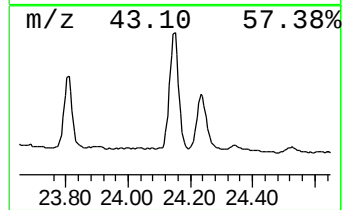
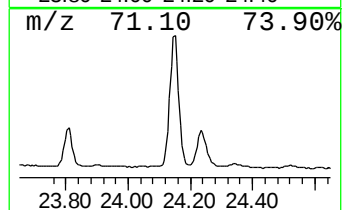
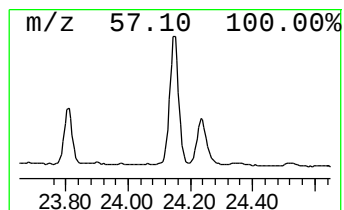
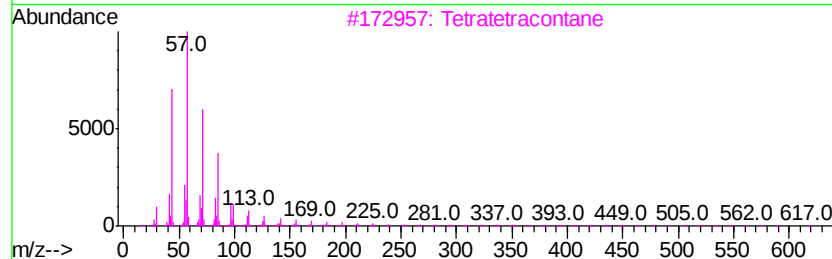
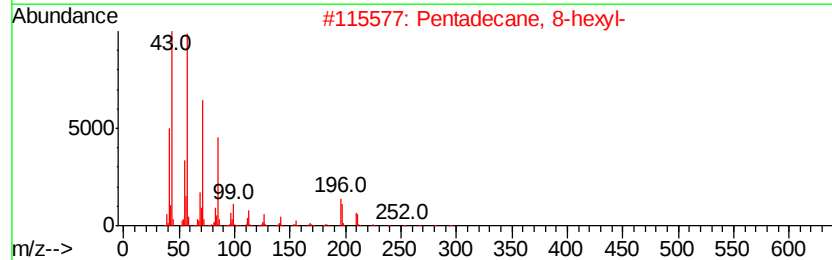
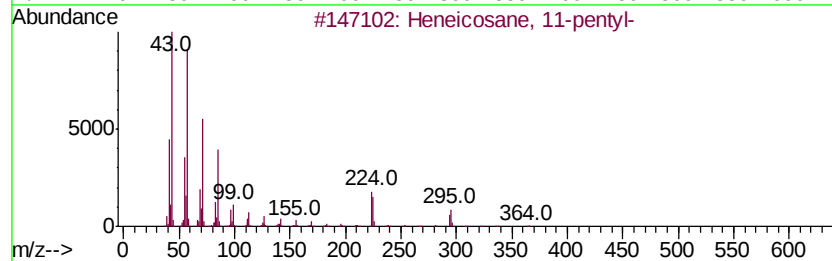
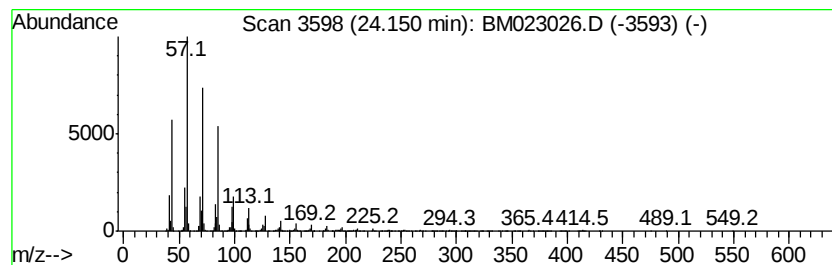
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	13.50 ng/ul	2077140	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
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Acq On : 06 Oct 2019 14:15
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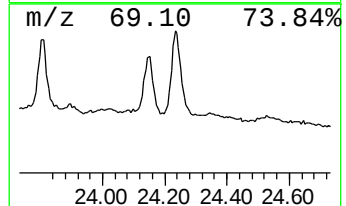
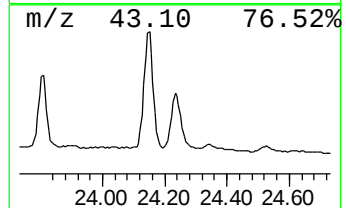
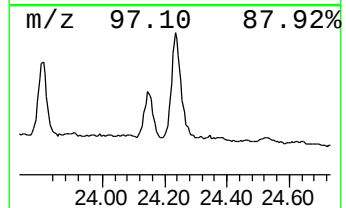
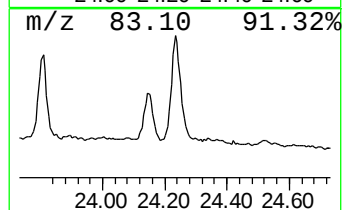
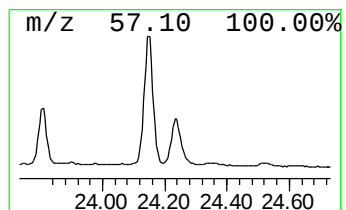
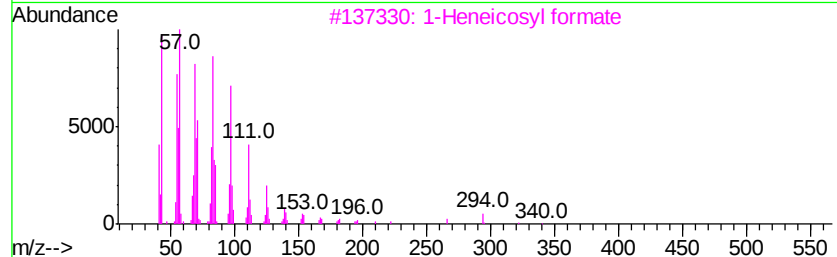
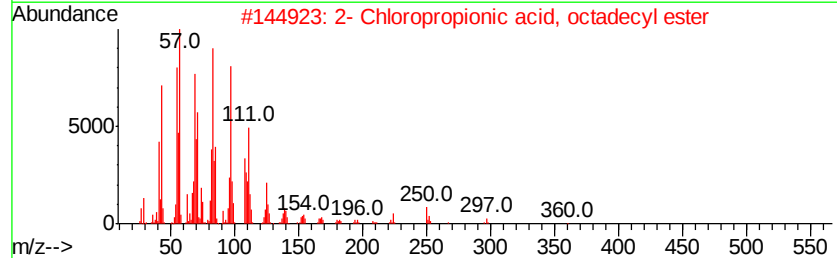
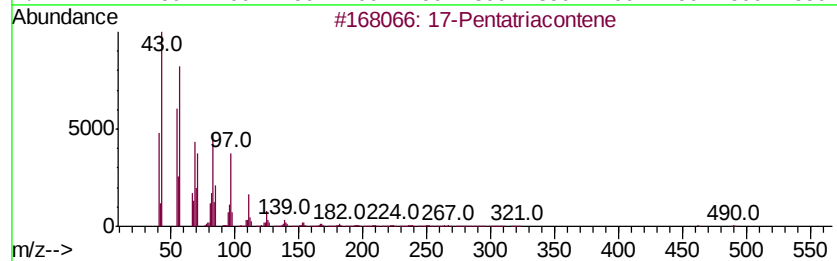
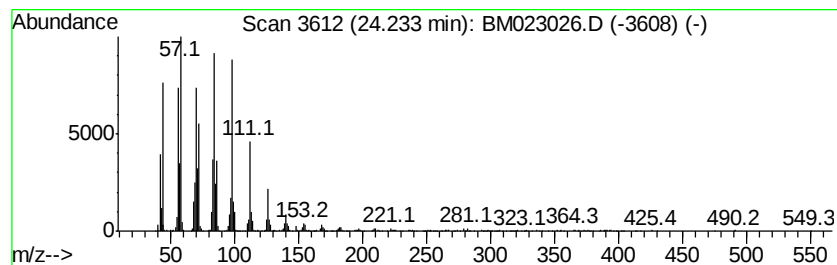
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Cyclic24.33 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	10.50 ng/ul	1615960	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	91
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	83
4		1-Docosene	308	C22H44	001599-67-3	81
5		17-Pentatriacontene	491	C35H70	006971-40-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
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Acq On : 06 Oct 2019 14:15
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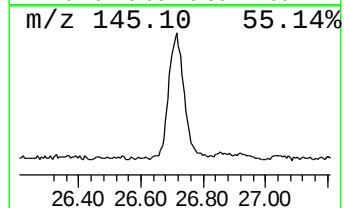
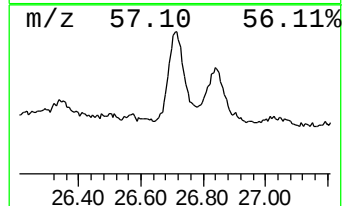
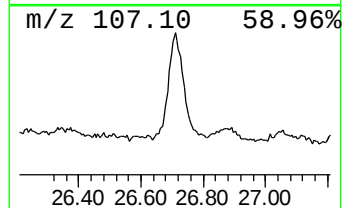
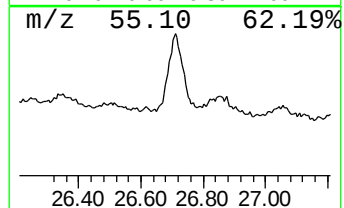
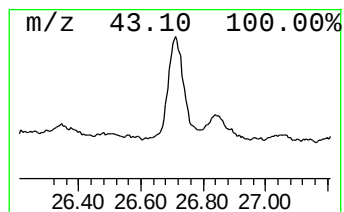
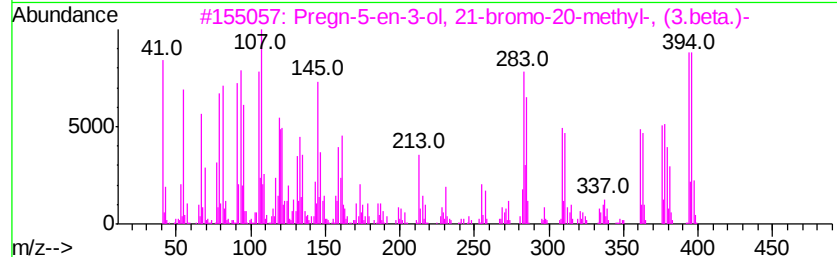
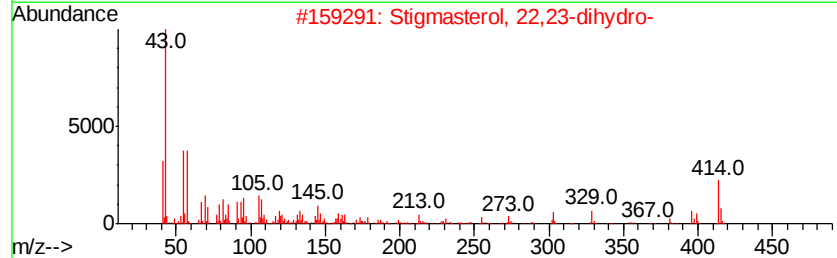
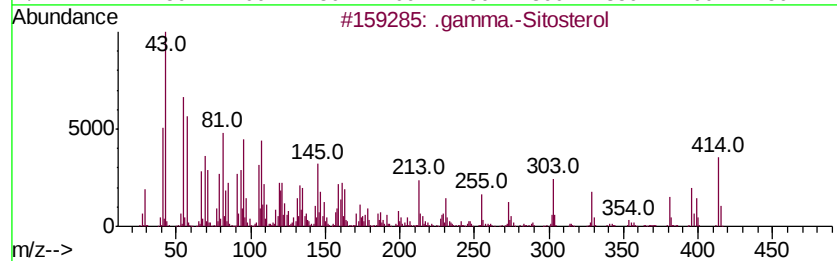
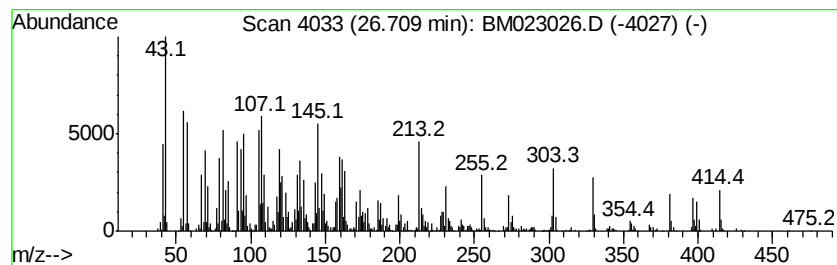
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.71	12.27 ng/ul	1887630	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	97
3		Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	91
4		.beta.-Sitosterol	414	C29H50O	000083-46-5	89
5		.gamma.-Sitosterol	414	C29H50O	000083-47-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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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(DEL) Alkane: Cyc...	21.06	11.1	ng/ul	1941840	5	21.34	3512960	20.0
(DEL) Alkane: Cyc...	21.96	8.7	ng/ul	1534580	5	21.34	3512960	20.0
Hexadecane, 1-iodo-	22.92	10.3	ng/ul	1586780	6	23.60	3077080	20.0
(DEL) Alkane: Cyc...	22.96	9.0	ng/ul	1385650	6	23.60	3077080	20.0
Oxirane, heptadecyl-	23.81	12.6	ng/ul	1932820	6	23.60	3077080	20.0
(DEL) Alkane: Str...	24.15	13.5	ng/ul	2077140	6	23.60	3077080	20.0
(DEL) Alkane: Cyc...	24.23	10.5	ng/ul	1615960	6	23.60	3077080	20.0
.gamma.-Sitosterol	26.71	12.3	ng/ul	1887630	6	23.60	3077080	20.0