

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019714.D
 Acq On : 03 Apr 2019 05:04
 Operator : JU/SJ
 Sample : K2168-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF637

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	3.122	20	23	33	rVB	36239	54796	1.10%	0.108%
2	4.716	290	294	298	rBV2	6404	10112	0.20%	0.020%
3	4.763	298	302	309	rVB4	8244	15281	0.31%	0.030%
4	6.757	634	641	655	rBV	395038	776582	15.56%	1.536%
5	6.922	663	669	684	rBV	361135	657532	13.17%	1.301%
6	7.104	694	700	715	rVB	489721	828260	16.60%	1.638%
7	7.569	772	779	787	rBV	546661	894699	17.93%	1.770%
8	7.634	787	790	799	rVB5	11496	23575	0.47%	0.047%
9	8.286	894	901	913	rBV	562098	1041138	20.86%	2.060%
10	8.416	919	923	930	rVB3	6528	13061	0.26%	0.026%
11	8.739	971	978	997	rBV	475225	848957	17.01%	1.679%
12	9.063	1029	1033	1041	rVB	15371	22739	0.46%	0.045%
13	9.451	1092	1099	1110	rBV	403443	727246	14.57%	1.439%
14	9.751	1143	1150	1154	rBV6	3928	10321	0.21%	0.020%
15	9.986	1183	1190	1212	rBV	526113	1060998	21.26%	2.099%
16	10.345	1244	1251	1263	rBV	851512	1411604	28.28%	2.792%
17	10.516	1273	1280	1307	rBV	463514	1070134	21.44%	2.117%
18	10.933	1346	1351	1352	rBV3	4769	6792	0.14%	0.013%
19	10.957	1352	1355	1358	rVV2	3287	5451	0.11%	0.011%
20	11.957	1522	1525	1527	rBV2	4439	5257	0.11%	0.010%
21	12.527	1617	1622	1625	rBV4	5311	9045	0.18%	0.018%
22	13.651	1805	1813	1818	rBV	1297046	1843107	36.93%	3.646%
23	13.698	1818	1821	1833	rVB	264807	389101	7.80%	0.770%
24	13.921	1849	1859	1877	rBV	1427757	2112076	42.32%	4.178%
25	14.227	1905	1911	1923	rBV2	1328938	1971411	39.50%	3.900%
26	14.486	1949	1955	1980	rBV	211511	660726	13.24%	1.307%
27	14.657	1980	1984	1994	rVB	60047	106856	2.14%	0.211%
28	15.021	2043	2046	2050	rVB3	4199	5595	0.11%	0.011%
29	15.068	2050	2054	2059	rBV3	6692	9111	0.18%	0.018%
30	15.233	2075	2082	2099	rVB	1863570	2684704	53.79%	5.311%
31	15.380	2102	2107	2118	rVV	501951	779224	15.61%	1.541%
32	15.474	2120	2123	2128	rVB2	25958	32679	0.65%	0.065%
33	15.939	2199	2202	2209	rBV3	4820	8670	0.17%	0.017%
34	16.015	2212	2215	2219	rVB3	7836	8924	0.18%	0.018%

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35	16.404	2276	2281	2285	rBV5	8246	14238	0.29%	0.028%
36	16.733	2331	2337	2341	rBV3	6251	10713	0.21%	0.021%
37	16.780	2341	2345	2348	rVV3	7971	13335	0.27%	0.026%
38	16.809	2348	2350	2357	rVB5	10733	16775	0.34%	0.033%
39	16.992	2374	2381	2391	rBV	1713791	2396457	48.02%	4.741%
40	17.086	2391	2397	2414	rVB2	1943312	2860757	57.32%	5.659%
41	17.280	2425	2430	2435	rBV2	21763	28248	0.57%	0.056%
42	17.327	2435	2438	2442	rVV	33970	39714	0.80%	0.079%
43	17.380	2442	2447	2450	rVB5	4240	5111	0.10%	0.010%
44	17.468	2458	2462	2466	rBV5	5387	9207	0.18%	0.018%
45	17.656	2488	2494	2497	rVB5	3909	6319	0.13%	0.013%
46	17.880	2526	2532	2543	rBV	363349	615054	12.32%	1.217%
47	18.162	2577	2580	2584	rVB6	10078	12734	0.26%	0.025%
48	18.227	2587	2591	2597	rVB6	7991	14787	0.30%	0.029%
49	18.598	2651	2654	2658	rBV	45262	54190	1.09%	0.107%
50	18.645	2658	2662	2667	rVB	80271	88525	1.77%	0.175%
51	18.756	2677	2681	2683	rBV5	6117	9308	0.19%	0.018%
52	18.803	2686	2689	2693	rBV5	12680	16930	0.34%	0.033%
53	19.033	2723	2728	2736	rBV3	34422	74297	1.49%	0.147%
54	19.174	2747	2752	2767	rBV	268770	469273	9.40%	0.928%
55	19.286	2768	2771	2775	rVB	17997	22701	0.45%	0.045%
56	19.398	2784	2790	2797	rBV	2390528	3291145	65.94%	6.511%
57	19.733	2842	2847	2850	rBV	628394	681696	13.66%	1.349%
58	19.768	2850	2853	2861	rVB	1095196	1237968	24.80%	2.449%
59	19.927	2878	2880	2886	rVB5	26231	28157	0.56%	0.056%
60	20.427	2962	2965	2969	rBV4	44893	52905	1.06%	0.105%
61	20.709	3009	3013	3016	rBV	259389	281188	5.63%	0.556%
62	20.744	3016	3019	3026	rVB	485496	489989	9.82%	0.969%
63	20.897	3041	3045	3055	rBV	271125	382740	7.67%	0.757%
64	21.097	3076	3079	3084	rBV	190042	217662	4.36%	0.431%
65	21.197	3091	3096	3105	rBV	2463392	3125566	62.63%	6.183%
66	21.333	3115	3119	3123	rBV	271084	309540	6.20%	0.612%
67	21.580	3157	3161	3163	rBV	102730	127699	2.56%	0.253%
68	21.609	3163	3166	3169	rVB	197471	204742	4.10%	0.405%
69	21.756	3187	3191	3195	rBV	480891	552384	11.07%	1.093%
70	22.203	3263	3267	3274	rVB	751090	1007121	20.18%	1.992%
71	22.521	3318	3321	3325	rVB	137798	167358	3.35%	0.331%

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72	22.697	3346	3351	3358	rVB	847427	1173071	23.50%	2.321%
73	23.256	3439	3446	3459	rBV2	2464110	4990840	100.00%	9.873%
74	23.403	3464	3471	3481	rVB	1715653	3220885	64.54%	6.372%
75	23.868	3545	3550	3560	rVB	697268	1205820	24.16%	2.385%
76	24.591	3667	3673	3680	rVB	436660	918140	18.40%	1.816%

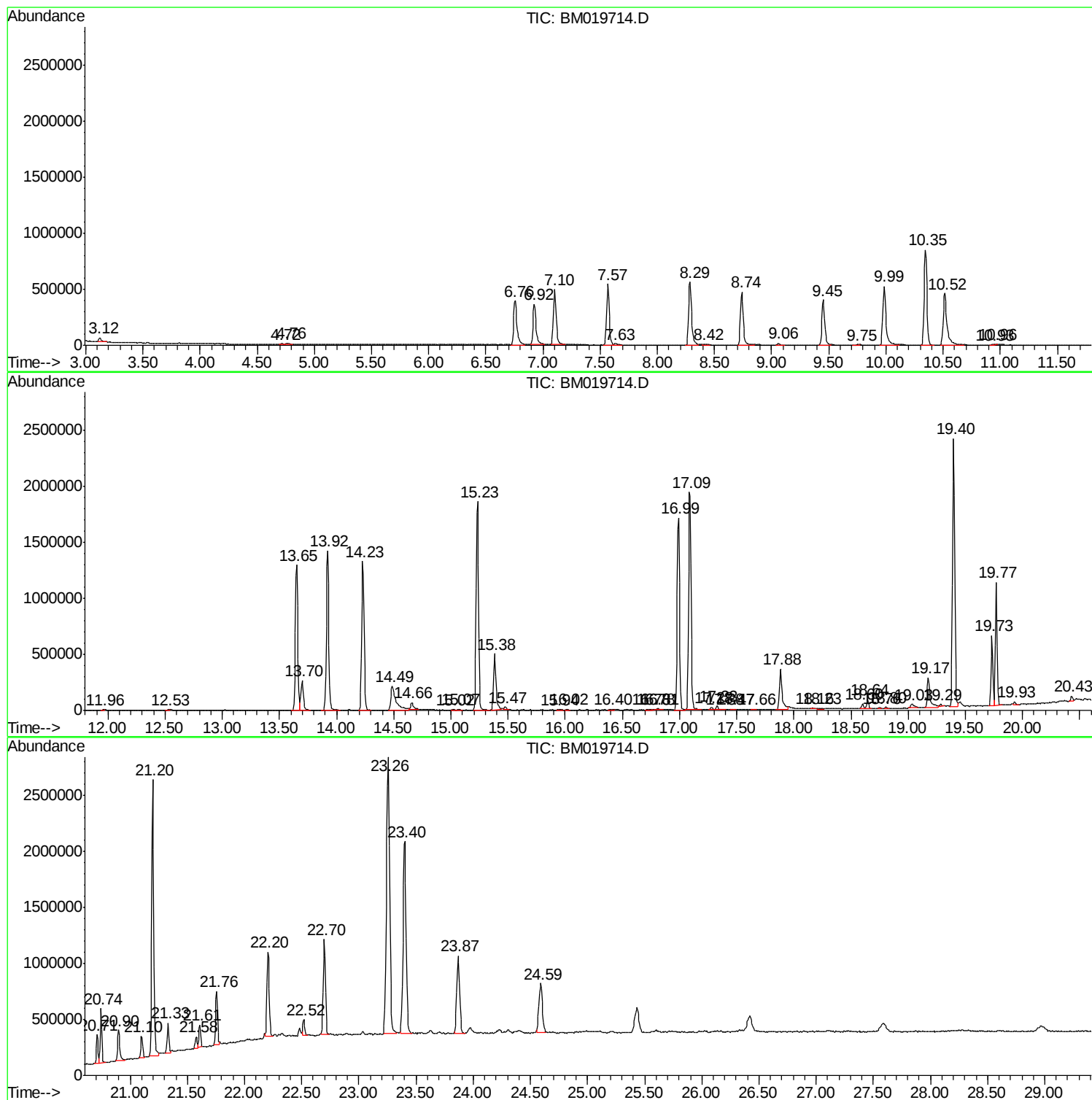
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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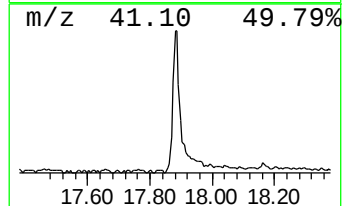
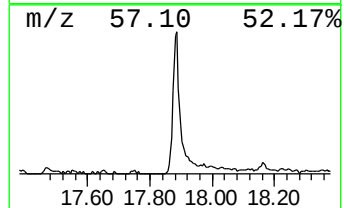
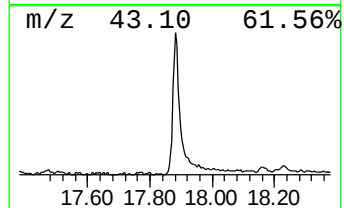
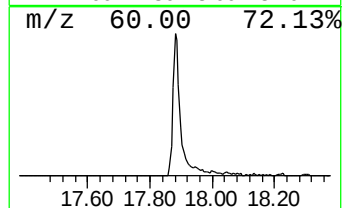
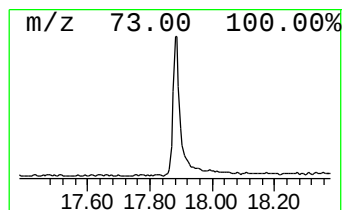
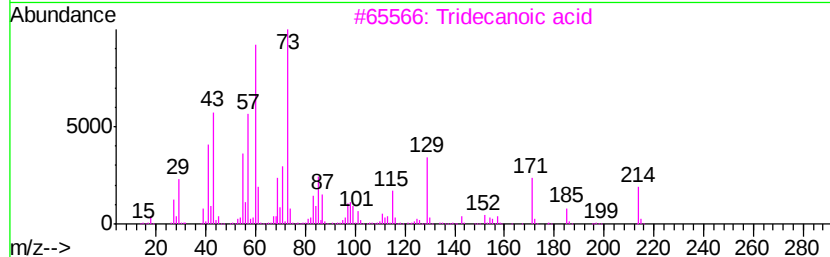
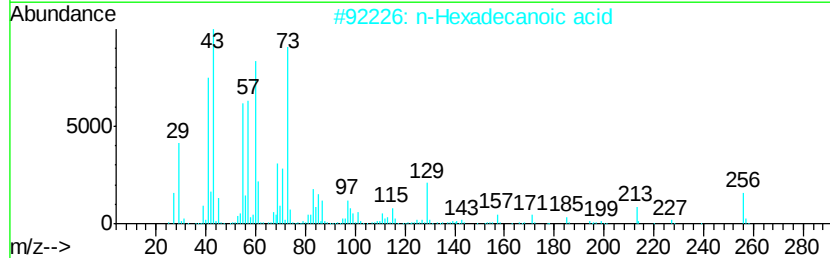
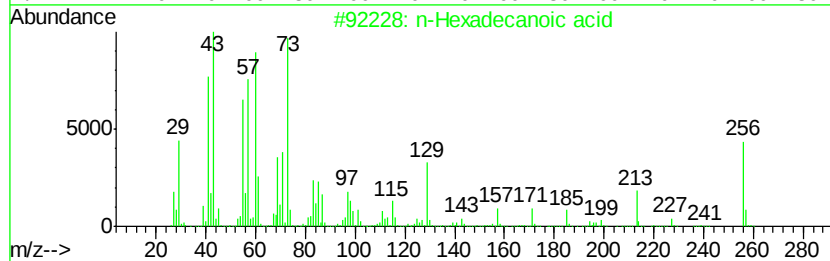
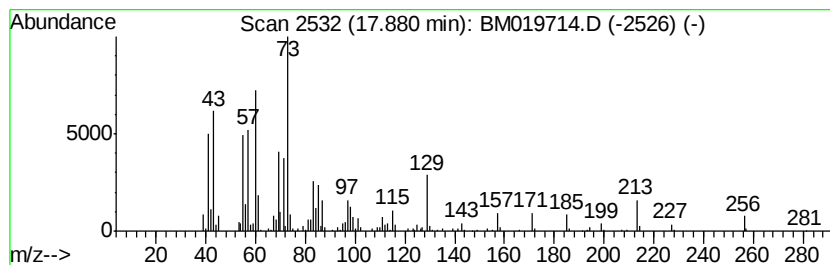
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.13 ng/ul	615054	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			Tridecanoic acid	214	C13H26O2	000638-53-9	72
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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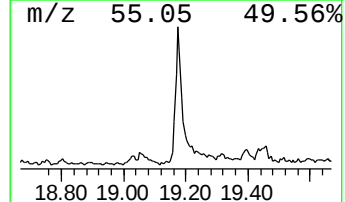
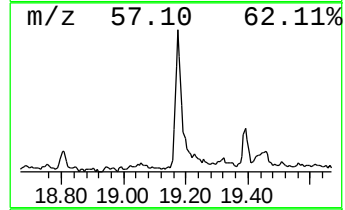
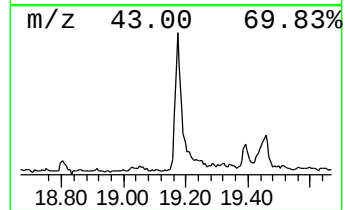
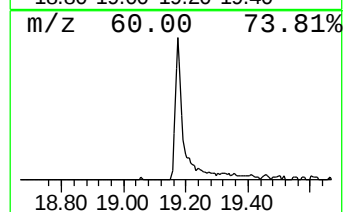
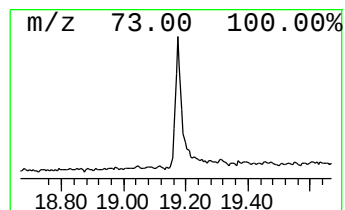
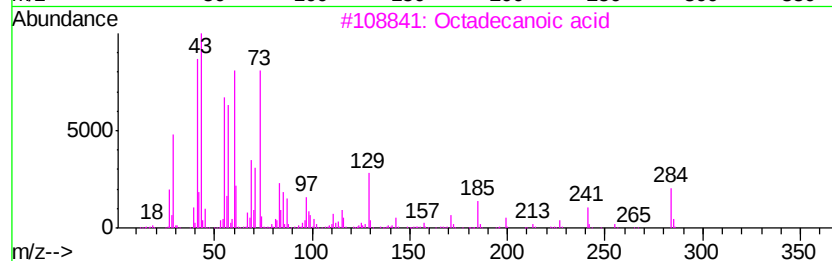
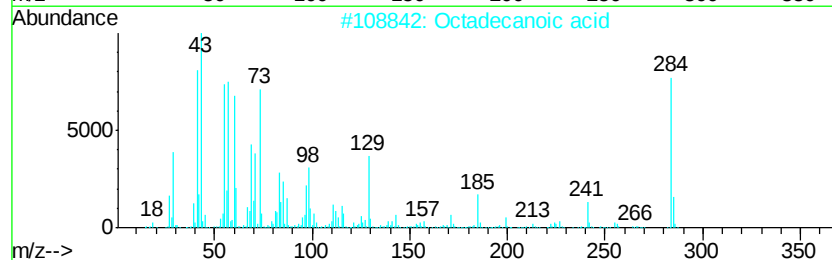
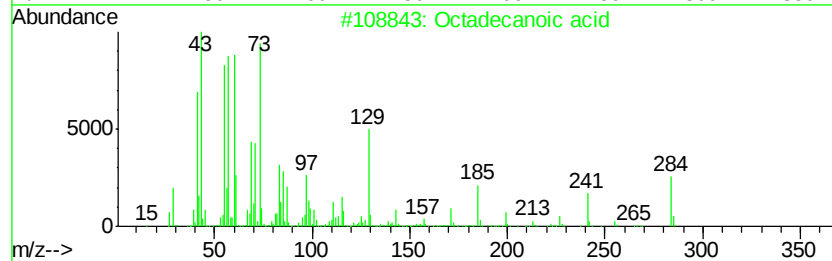
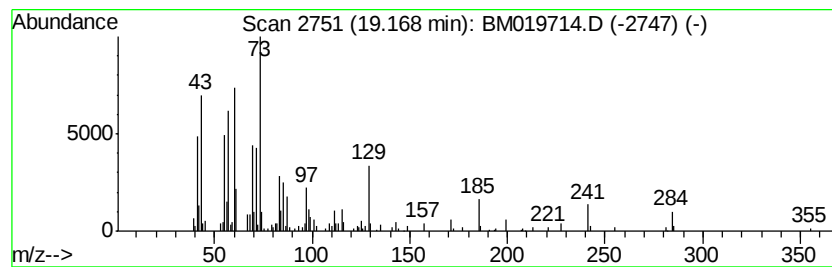
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.00 ng/ul	469273	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	94
3		Octadecanoic acid	284	C18H36O2	000057-11-4	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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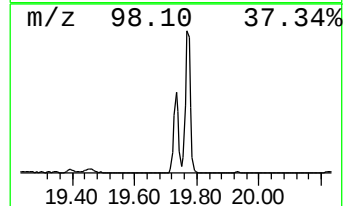
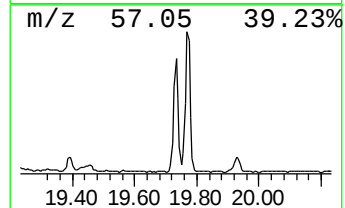
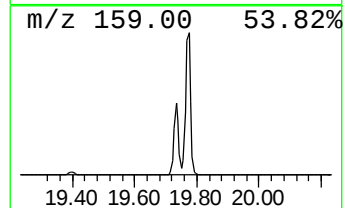
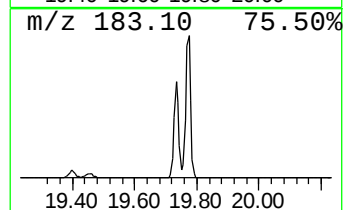
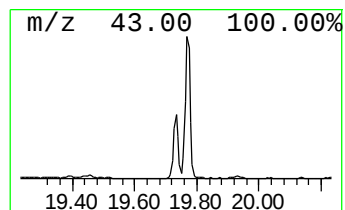
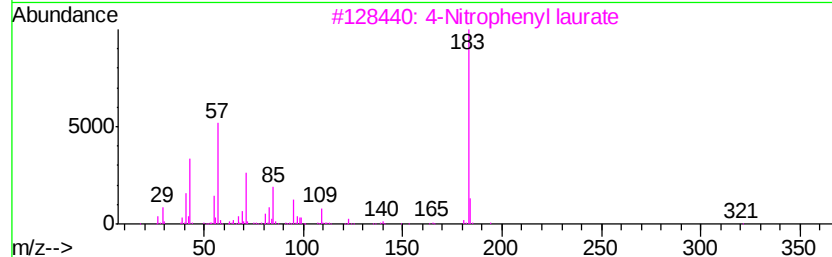
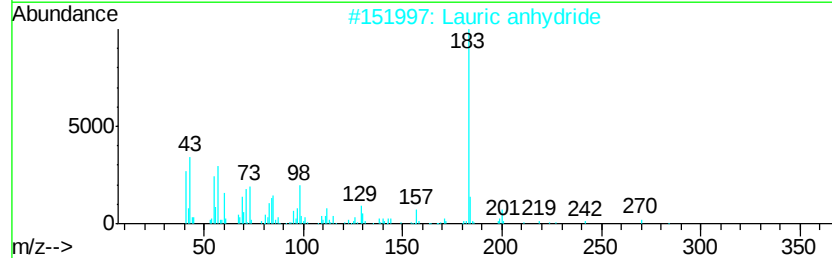
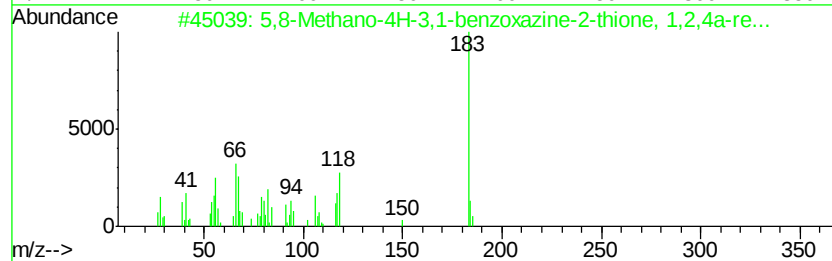
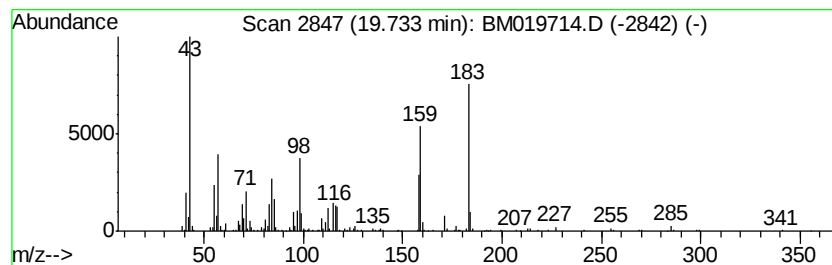
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	4.36 ng/ul	681696	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,8-Methano-4H-3,1-benzoxazine-2...	183	C9H13NOS	1000142-76-7	32
2		Lauric anhydride	382	C24H46O3	000645-66-9	32
3		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	30
4		4-Hydroxy-3-nitrobenzoic acid	183	C7H5NO5	000616-82-0	27
5		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	27



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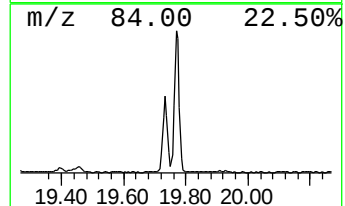
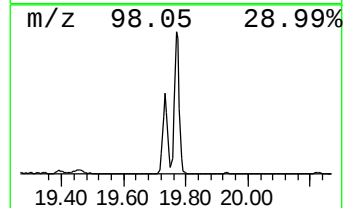
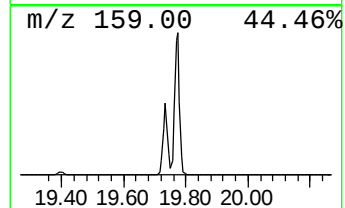
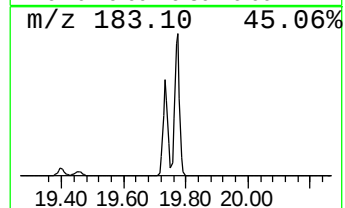
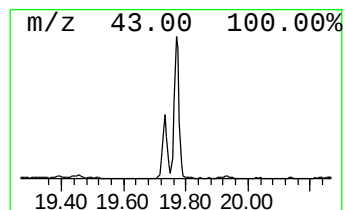
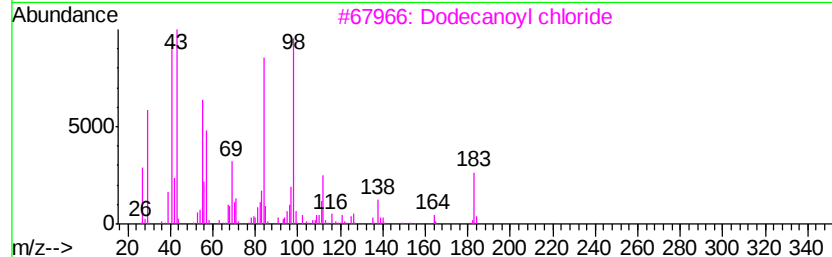
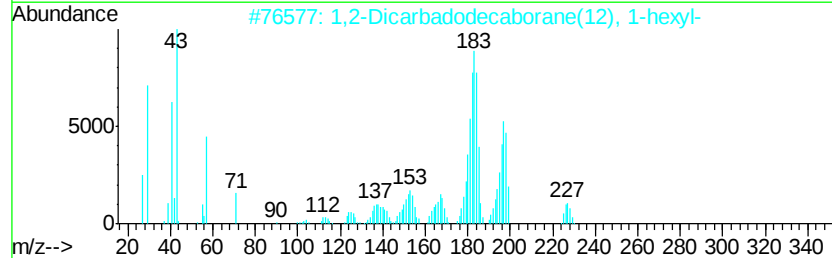
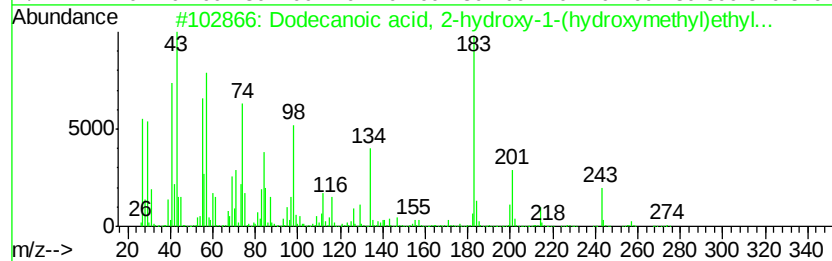
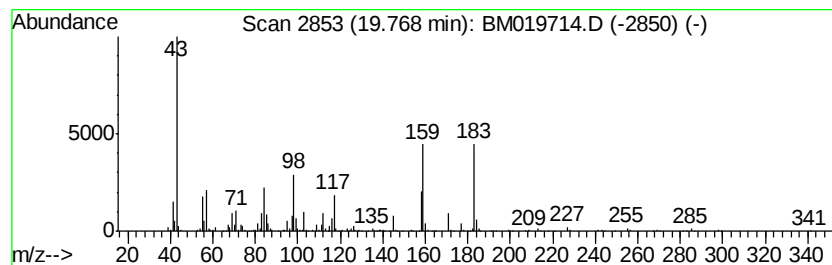
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	7.92 ng/ul	1237970	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	38
2		1,2-Dicarbadoecaborane(12), 1-h...	230	C8H24B10	020740-05-0	11
3		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	10
4		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9
5		Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
Acq On : 03 Apr 2019 05:04
Operator : JU/SJ
Sample : K2168-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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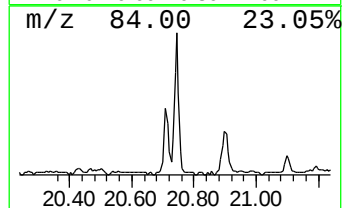
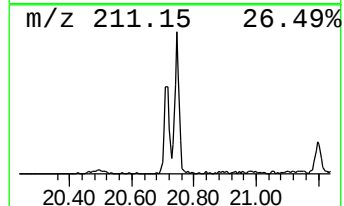
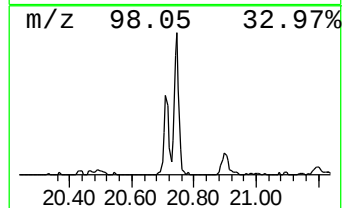
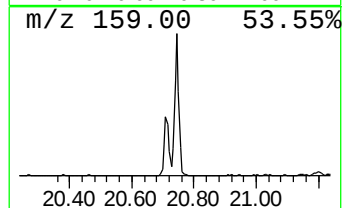
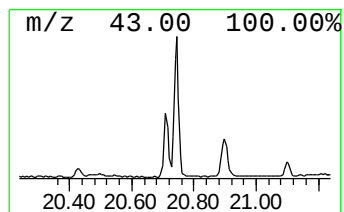
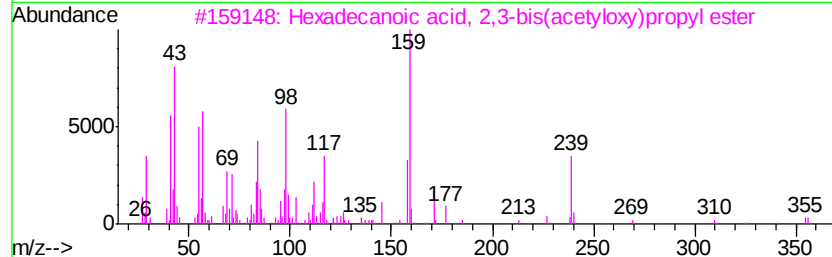
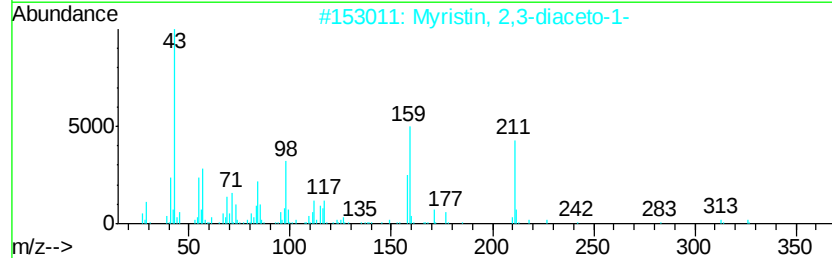
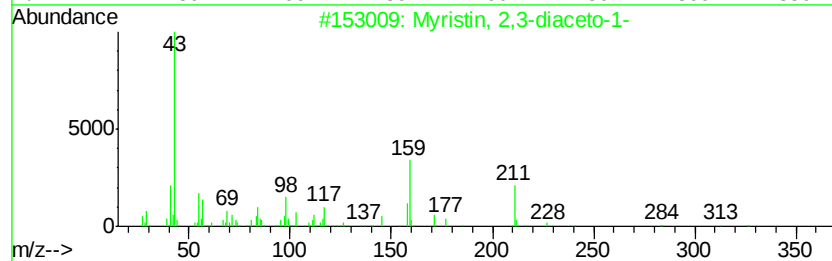
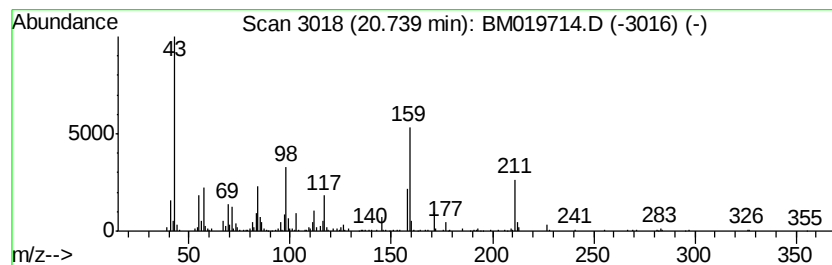
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Myristin, 2,3-diaceto-1- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.14 ng/ul	489989	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	83	
2	Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	64	
3	Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	52	
4	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	25	
5	2,3,4-Trifluorobenzoic acid, 2-o...	288	C15H19F3O2	1000282-58-1	14	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
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Sample : K2168-12
Misc :
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Instrument :
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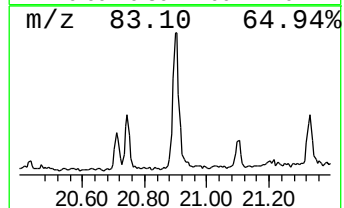
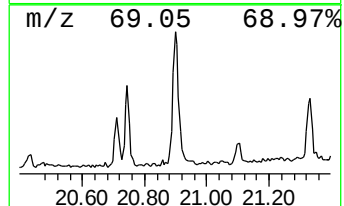
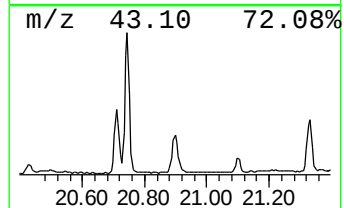
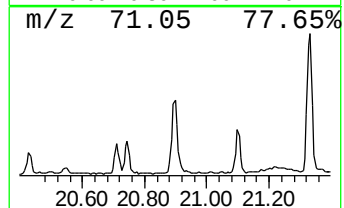
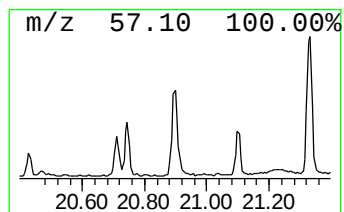
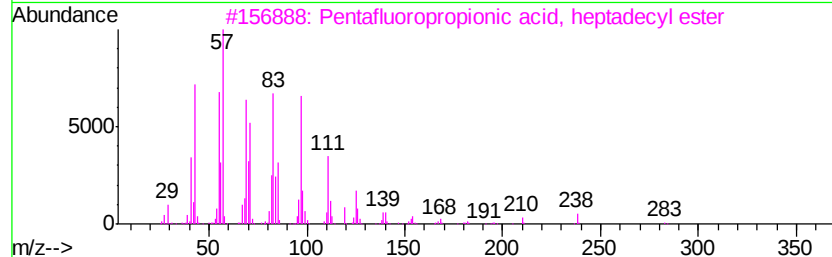
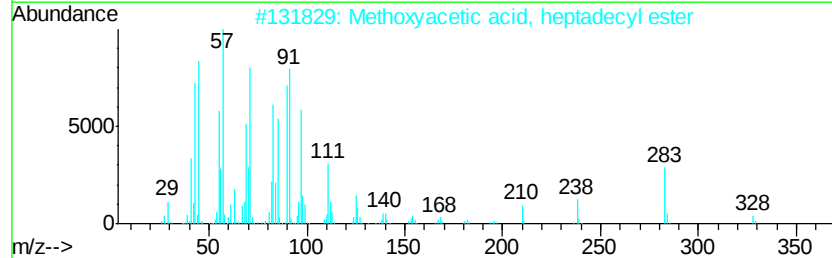
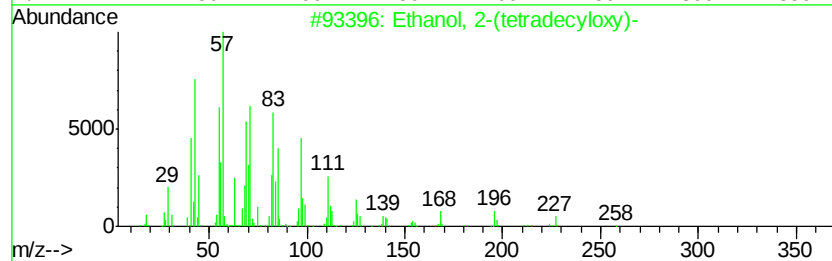
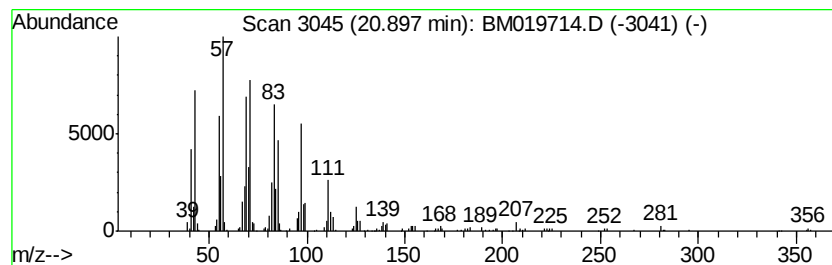
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.45 ng/ul	382740	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
5		E-7-Octadecene	252	C18H36	1000130-92-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
Acq On : 03 Apr 2019 05:04
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Sample : K2168-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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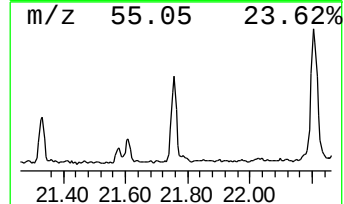
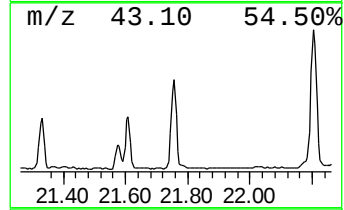
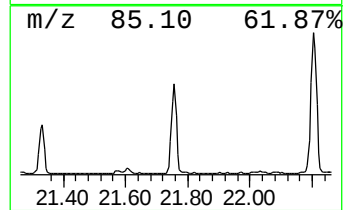
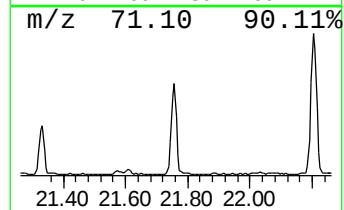
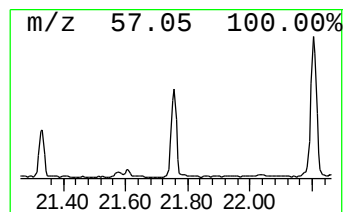
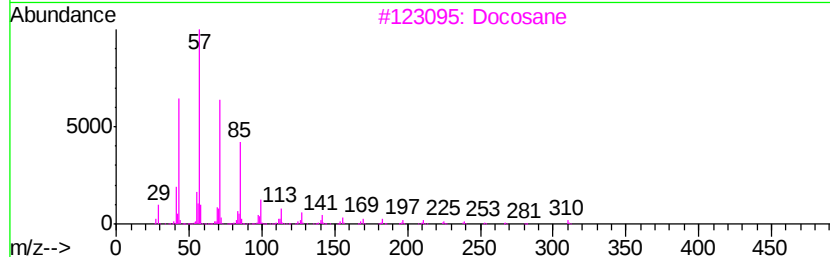
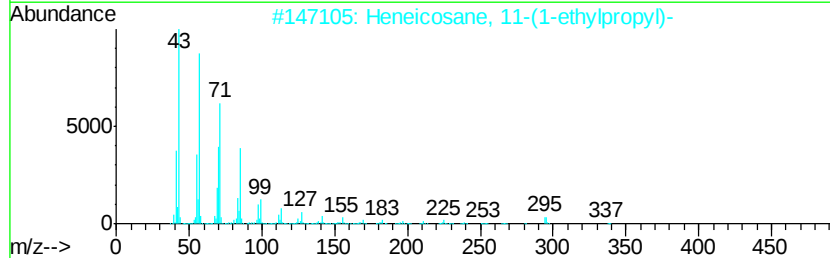
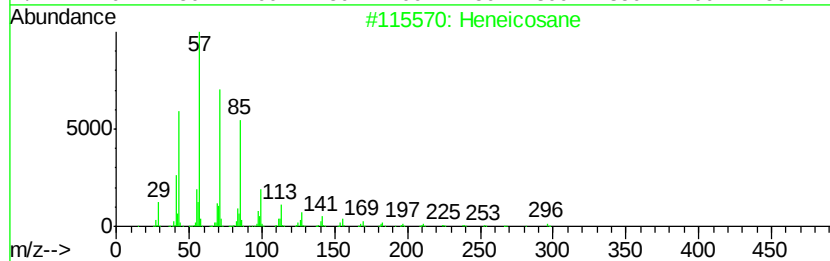
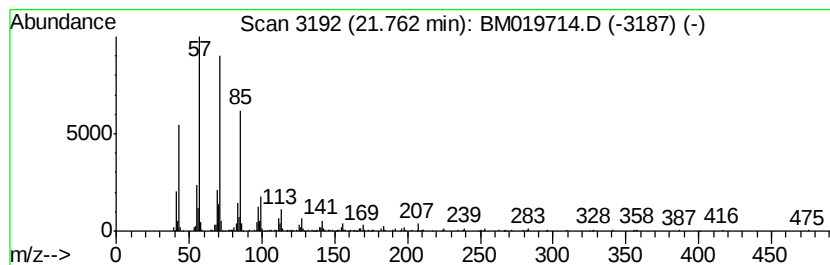
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.53 ng/ul	552384	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Docosane	310	C22H46	000629-97-0	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
Acq On : 03 Apr 2019 05:04
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Sample : K2168-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId :
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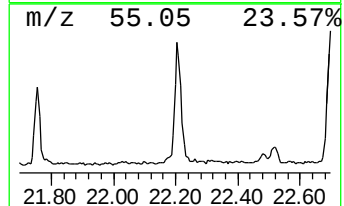
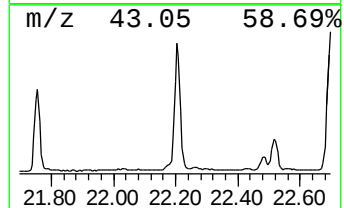
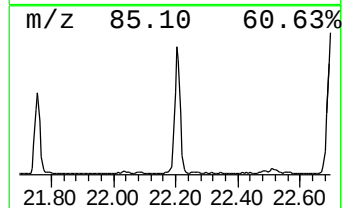
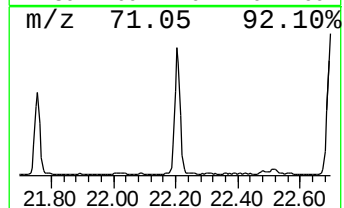
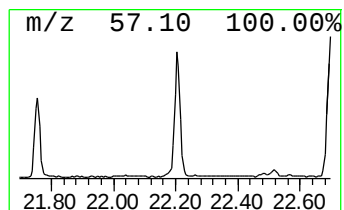
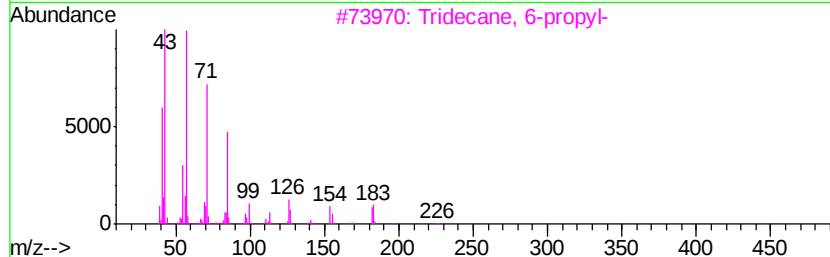
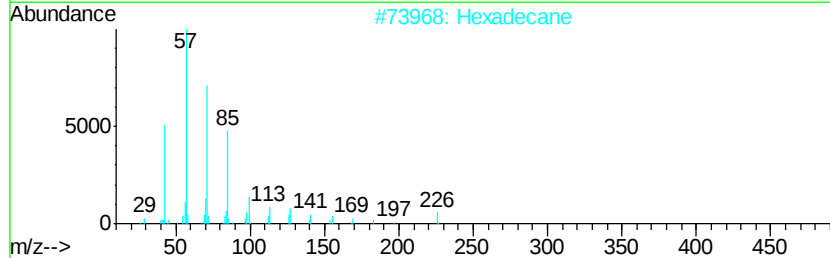
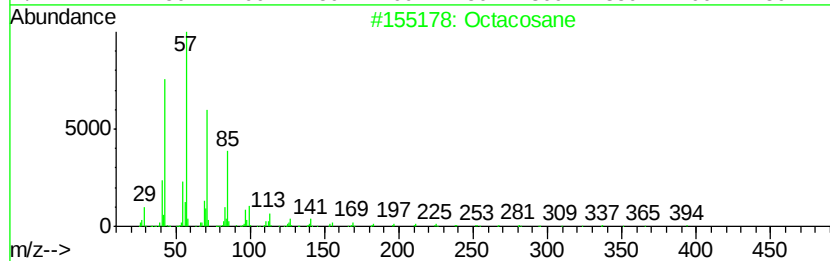
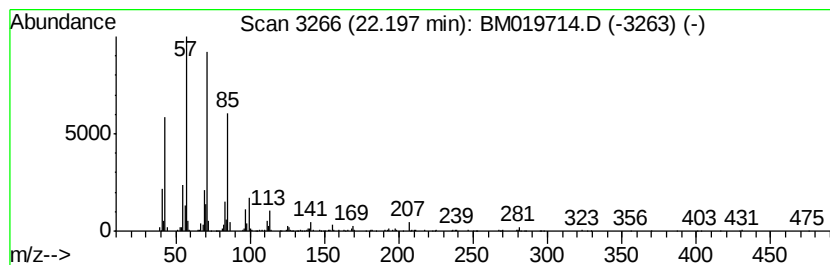
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	6.44 ng/ul	1007120	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4		Octadecane	254	C18H38	000593-45-3	86
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
Acq On : 03 Apr 2019 05:04
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Sample : K2168-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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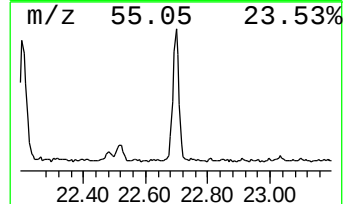
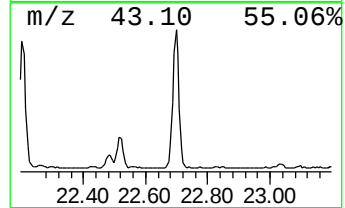
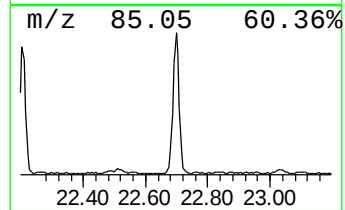
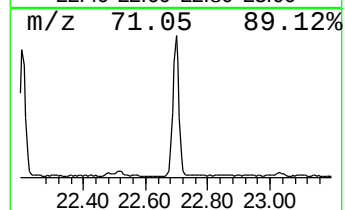
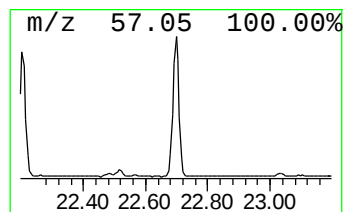
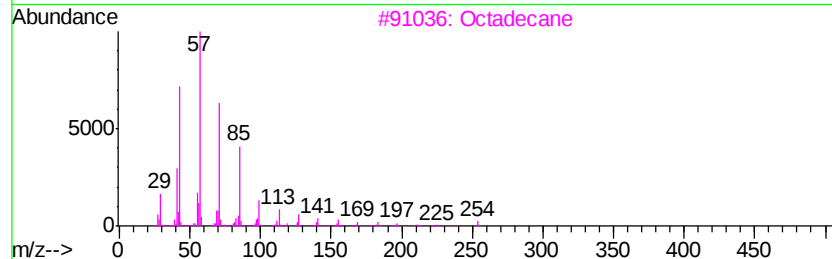
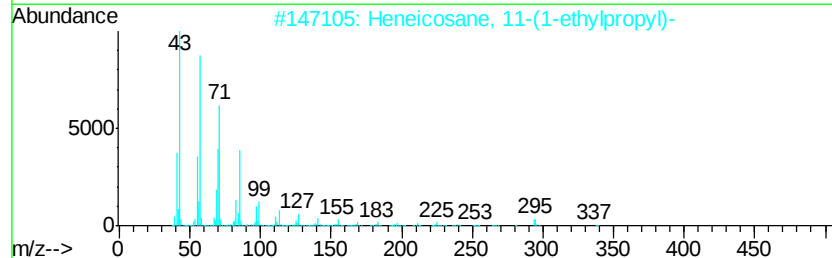
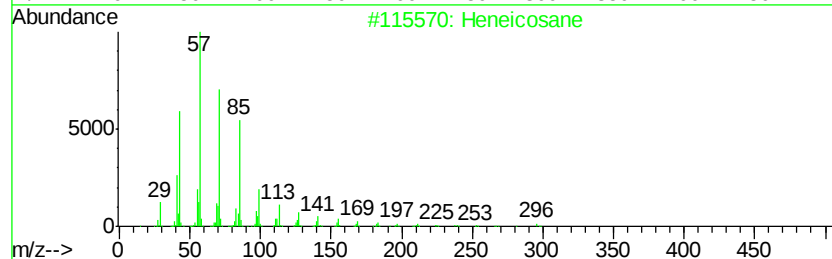
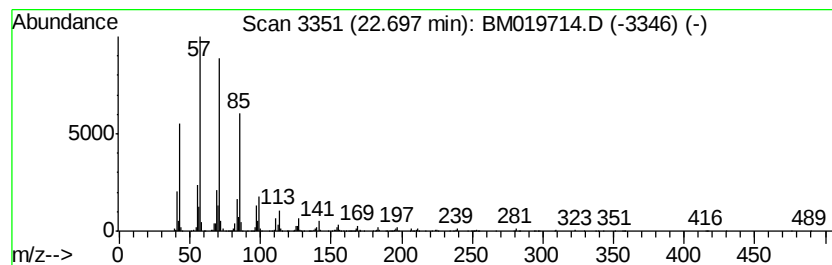
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	7.28 ng/ul	1173070	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



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Data File : BM019714.D
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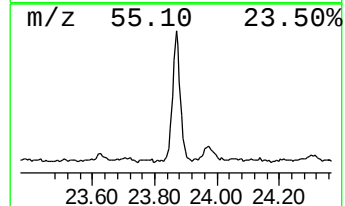
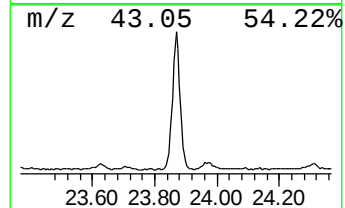
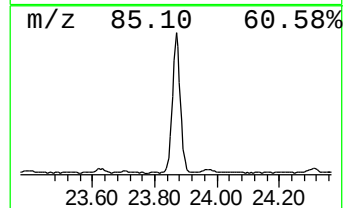
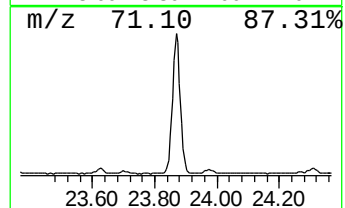
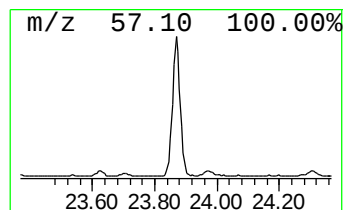
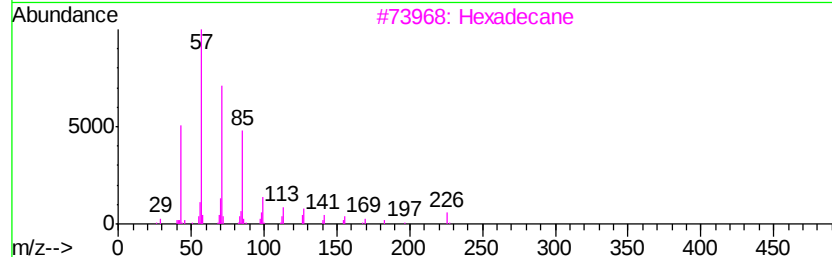
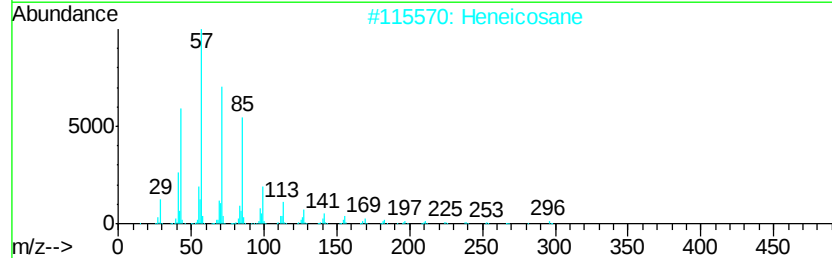
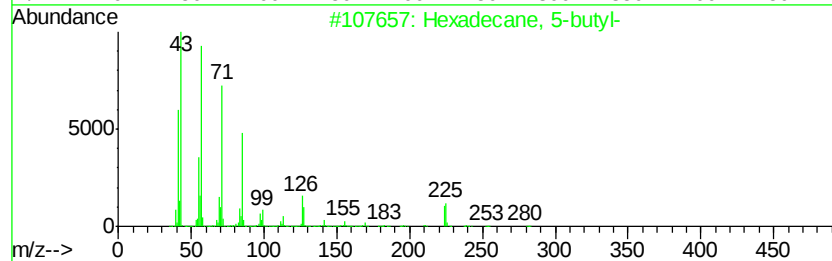
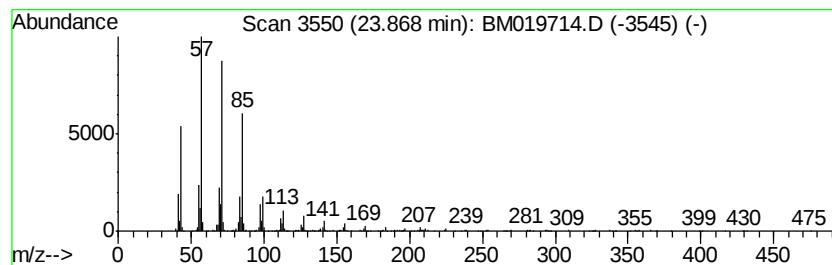
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	7.49 ng/ul	1205820	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
Acq On : 03 Apr 2019 05:04
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Sample : K2168-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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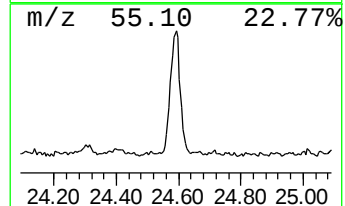
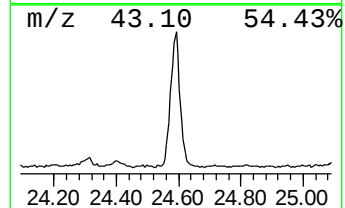
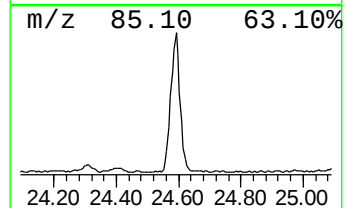
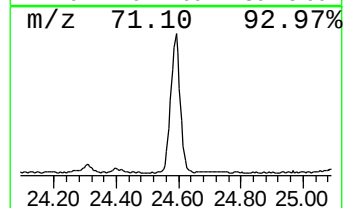
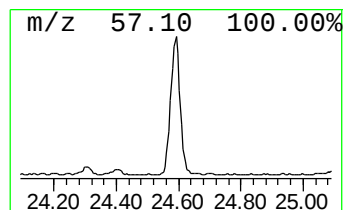
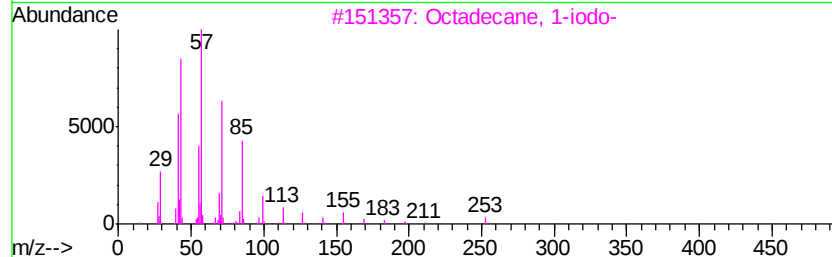
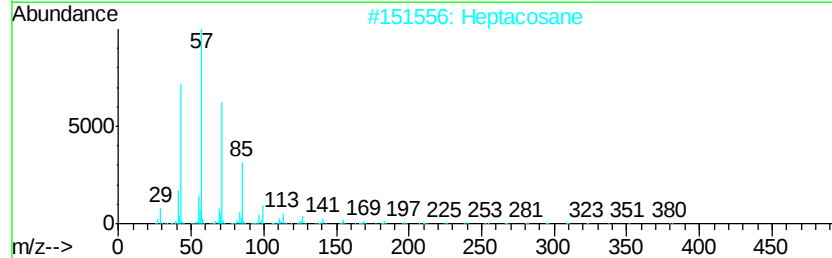
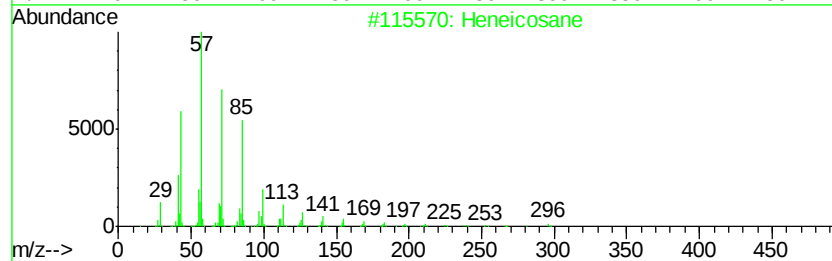
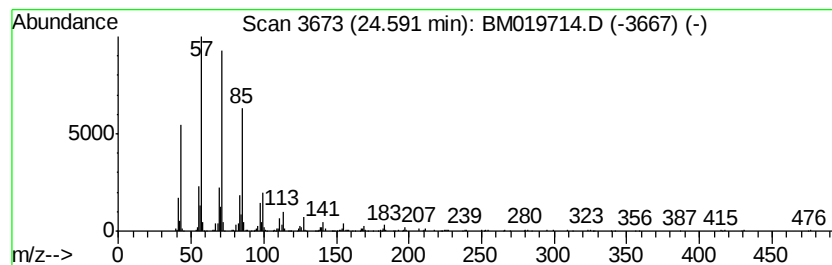
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.59	5.70 ng/ul	918140	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Heptacosane	380	C27H56	000593-49-7	87
3			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5			Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019714.D
Acq On : 03 Apr 2019 05:04
Operator : JU/SJ
Sample : K2168-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF637

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	17.88	5.1	ng/ul	615054	4	16.99	2396460	20.0
Octadecanoic acid	19.17	3.0	ng/ul	469273	5	21.20	3125570	20.0
unknown-01	19.73	4.4	ng/ul	681696	5	21.20	3125570	20.0
unknown-02	19.77	7.9	ng/ul	1237970	5	21.20	3125570	20.0
Myristin, 2,3-dia...	20.74	3.1	ng/ul	489989	5	21.20	3125570	20.0
Ethanol, 2-(tetra...	20.90	2.5	ng/ul	382740	5	21.20	3125570	20.0
(DEL) Alkane: Str...	21.76	3.5	ng/ul	552384	5	21.20	3125570	20.0
(DEL) Alkane: Str...	22.20	6.4	ng/ul	1007120	5	21.20	3125570	20.0
(DEL) Alkane: Str...	22.70	7.3	ng/ul	1173070	6	23.40	3220890	20.0
(DEL) Alkane: Str...	23.87	7.5	ng/ul	1205820	6	23.40	3220890	20.0
(DEL) Alkane: Str...	24.59	5.7	ng/ul	918140	6	23.40	3220890	20.0