

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019643.D
 Acq On : 31 Mar 2019 05:35
 Operator : JU/SJ
 Sample : K2068-24
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5K5

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	28	rBV	26879	39019	0.91%	0.100%
2	3.716	120	124	130	rBV	19173	31565	0.73%	0.081%
3	4.216	203	209	213	rBV6	3992	8193	0.19%	0.021%
4	4.716	290	294	297	rBV	19612	29560	0.69%	0.076%
5	4.746	297	299	308	rVB	28118	46796	1.09%	0.120%
6	6.757	635	641	657	rBV	341795	656753	15.27%	1.678%
7	6.928	664	670	684	rBV	282210	538400	12.52%	1.375%
8	7.104	694	700	714	rBV	411699	701168	16.30%	1.791%
9	7.569	772	779	788	rBV	522336	861390	20.03%	2.200%
10	7.634	788	790	797	rVB6	5099	8755	0.20%	0.022%
11	8.287	895	901	918	rBV	451792	830687	19.31%	2.122%
12	8.416	918	923	932	rVB4	10503	21894	0.51%	0.056%
13	8.739	972	978	995	rBV	367300	678979	15.79%	1.734%
14	9.069	1026	1034	1039	rBV2	12463	18656	0.43%	0.048%
15	9.457	1093	1100	1113	rBV	307417	556297	12.93%	1.421%
16	9.986	1183	1190	1211	rBV	409394	843018	19.60%	2.153%
17	10.351	1243	1252	1262	rBV	808501	1308820	30.43%	3.343%
18	10.516	1273	1280	1302	rBV	333348	801590	18.64%	2.048%
19	11.975	1522	1528	1536	rBV4	3528	9905	0.23%	0.025%
20	13.651	1807	1813	1818	rBV	888776	1281018	29.78%	3.272%
21	13.698	1818	1821	1833	rVB	107555	173535	4.03%	0.443%
22	13.921	1853	1859	1873	rBV	1008283	1504494	34.98%	3.843%
23	14.233	1905	1912	1922	rBV2	1143550	1713686	39.84%	4.378%
24	14.492	1949	1956	1977	rBV	145442	461482	10.73%	1.179%
25	14.668	1982	1986	1996	rVB5	9835	23758	0.55%	0.061%
26	15.021	2041	2046	2050	rBV2	3537	6134	0.14%	0.016%
27	15.068	2052	2054	2059	rVB3	4574	5894	0.14%	0.015%
28	15.233	2076	2082	2095	rBV	1377409	1974473	45.91%	5.044%
29	15.380	2102	2107	2119	rBV	257725	413044	9.60%	1.055%
30	15.474	2119	2123	2129	rVB2	15186	21894	0.51%	0.056%
31	15.945	2200	2203	2209	rVB6	4444	5335	0.12%	0.014%
32	16.021	2209	2216	2219	rBV5	4373	6989	0.16%	0.018%
33	16.786	2342	2346	2351	rBV	4379	6919	0.16%	0.018%
34	16.992	2375	2381	2392	rBV2	1484407	2096238	48.74%	5.355%

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35	17.092	2392	2398	2417	rVB	1630678	2259872	52.54%	5.773%
36	17.886	2528	2533	2545	rBV	252393	398068	9.26%	1.017%
37	18.168	2578	2581	2585	rBV4	5155	7711	0.18%	0.020%
38	18.568	2646	2649	2651	rBV3	3932	5329	0.12%	0.014%
39	18.751	2675	2680	2684	rBV6	4518	8201	0.19%	0.021%
40	18.809	2686	2690	2693	rBV2	12656	14799	0.34%	0.038%
41	18.980	2713	2719	2721	rBV5	4106	7091	0.16%	0.018%
42	19.033	2724	2728	2731	rBV2	28374	45354	1.05%	0.116%
43	19.174	2748	2752	2761	rBV	115561	205074	4.77%	0.524%
44	19.286	2768	2771	2774	rBV2	15532	19663	0.46%	0.050%
45	19.398	2784	2790	2796	rBV	2187887	2828232	65.76%	7.225%
46	19.739	2846	2848	2851	rVB3	10195	7532	0.18%	0.019%
47	19.774	2852	2854	2857	rVV4	8707	7479	0.17%	0.019%
48	19.909	2874	2877	2878	rBV3	15904	15791	0.37%	0.040%
49	19.933	2878	2881	2886	rVB2	41823	49585	1.15%	0.127%
50	20.309	2943	2945	2947	rBV3	13285	13057	0.30%	0.033%
51	20.433	2962	2966	2970	rBV2	77634	86151	2.00%	0.220%
52	20.897	3041	3045	3056	rBV	627687	789299	18.35%	2.016%
53	21.103	3078	3080	3084	rVB	35922	34980	0.81%	0.089%
54	21.197	3091	3096	3108	rBV	2547332	3138870	72.98%	8.018%
55	21.333	3116	3119	3127	rBV	215282	223896	5.21%	0.572%
56	21.756	3188	3191	3195	rBV	281734	340696	7.92%	0.870%
57	22.209	3264	3268	3274	rBV	436211	541399	12.59%	1.383%
58	22.703	3347	3352	3357	rVB	432266	609989	14.18%	1.558%
59	23.256	3439	3446	3453	rBV2	2283001	4301059	100.00%	10.987%
60	23.403	3464	3471	3482	rVB2	1894990	3530856	82.09%	9.020%
61	23.874	3546	3551	3559	rVB	392290	696722	16.20%	1.780%
62	23.968	3563	3567	3577	rVB5	132874	293620	6.83%	0.750%
63	24.591	3668	3673	3682	rVB	288460	600612	13.96%	1.534%
64	25.432	3813	3816	3825	rVB	173903	379325	8.82%	0.969%

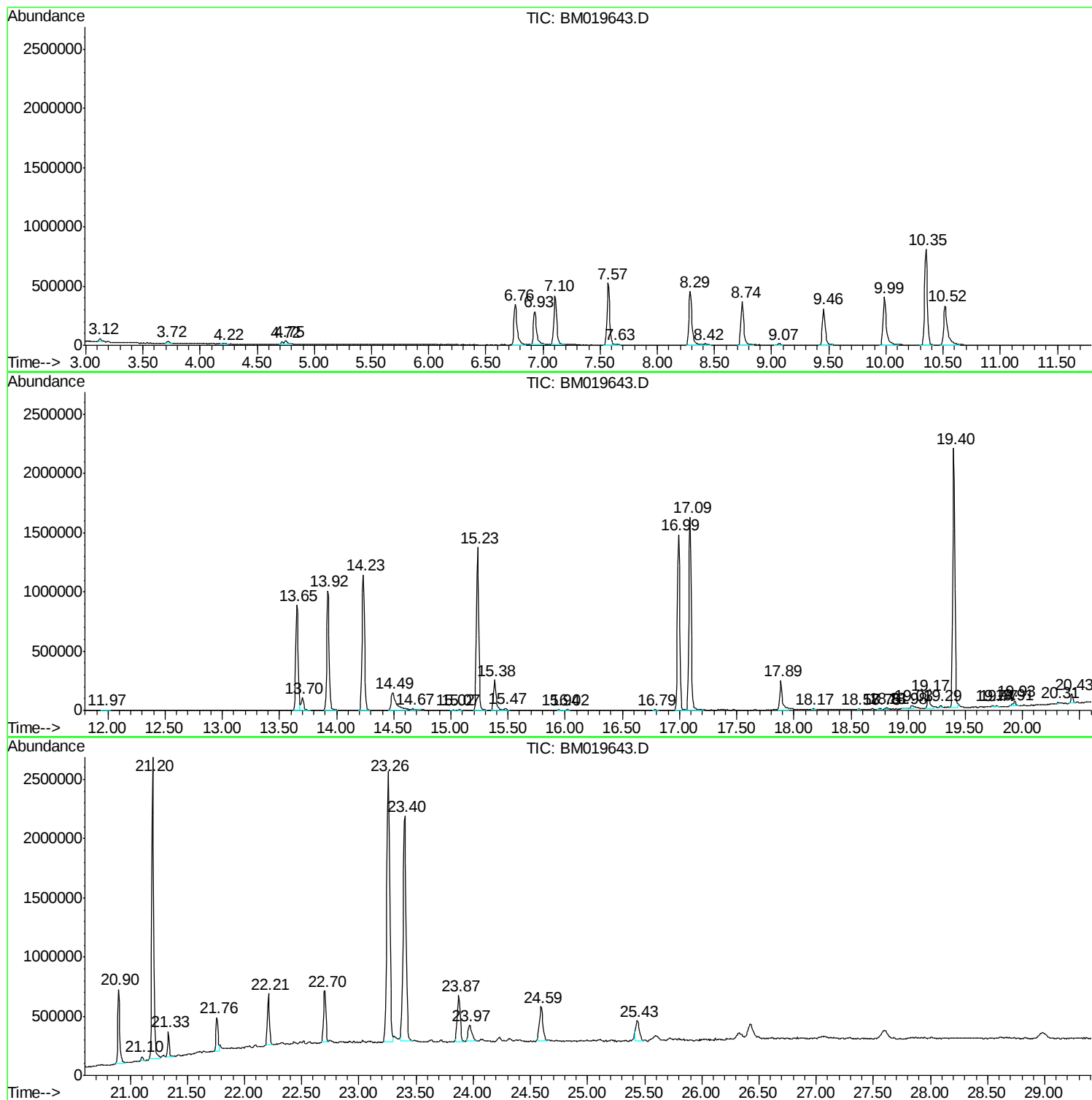
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Quant Title : SVOA CALIBRATION

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



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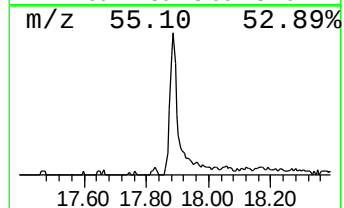
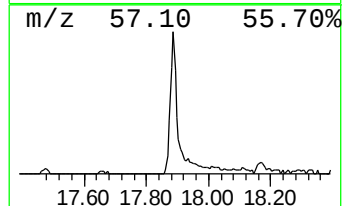
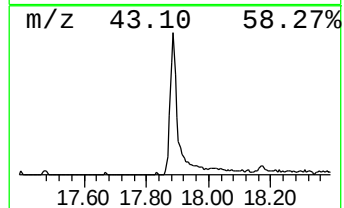
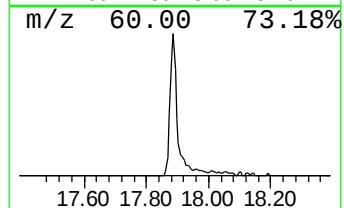
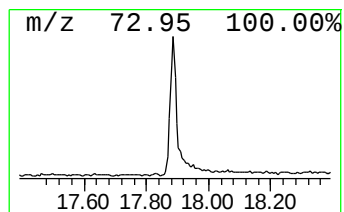
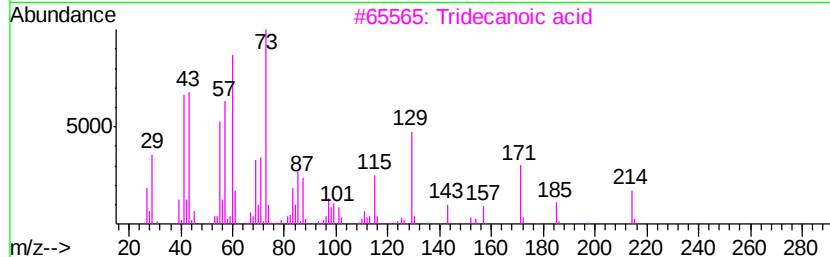
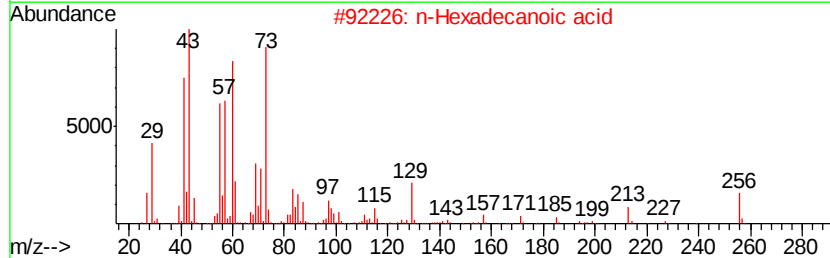
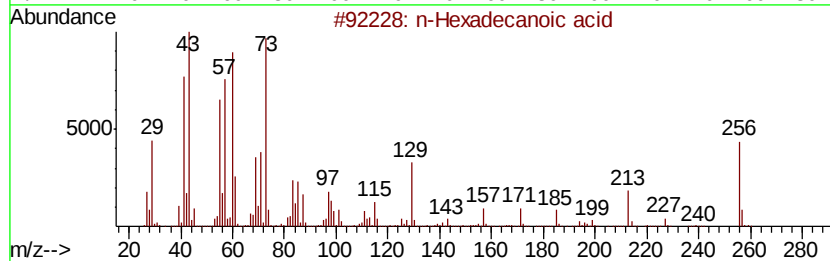
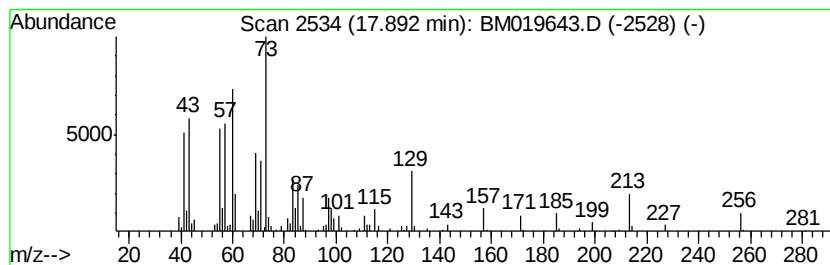
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	3.80 ng/ul	398068	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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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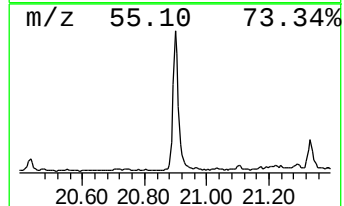
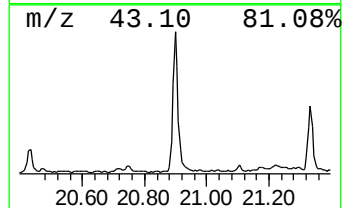
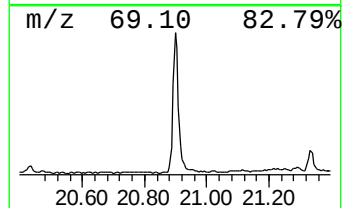
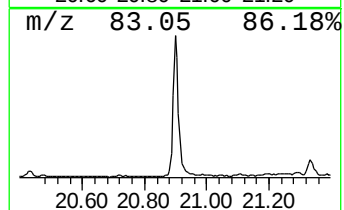
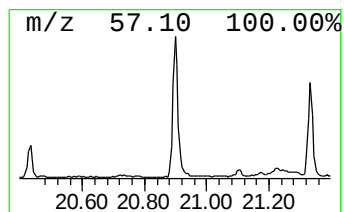
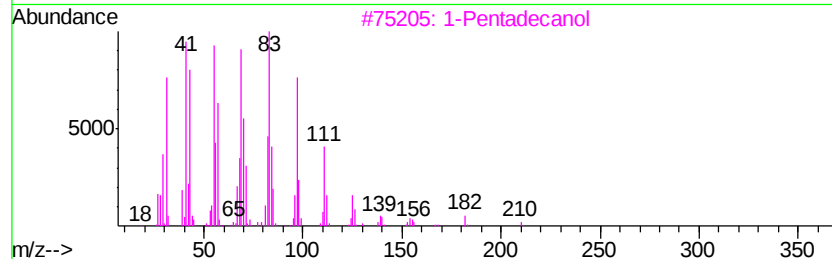
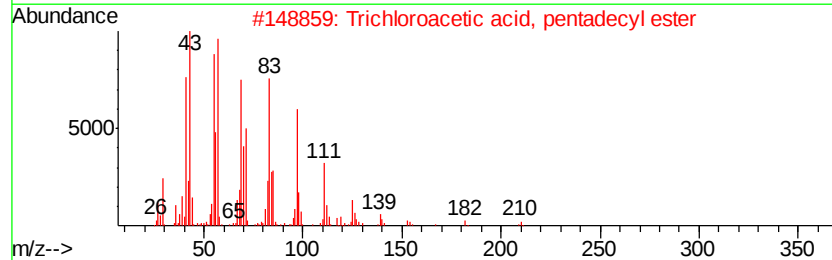
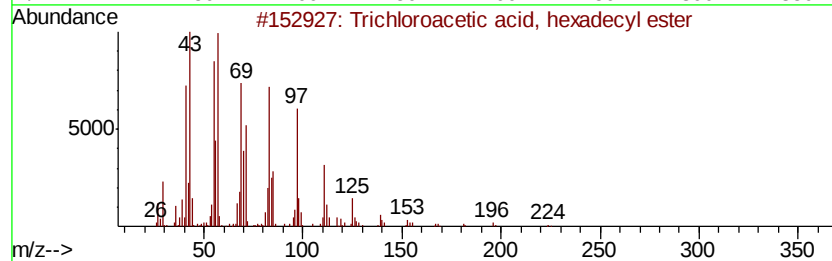
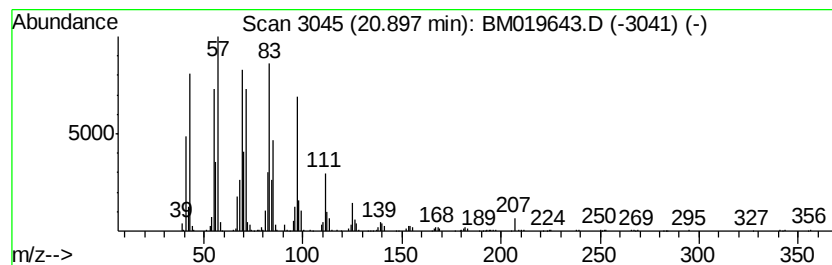
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.03 ng/ul	789299	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
3		1-Pentadecanol	228	C15H32O	000629-76-5	76
4		1-Octadecanol	270	C18H38O	000112-92-5	76
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70



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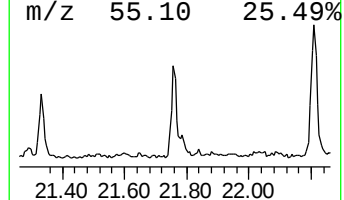
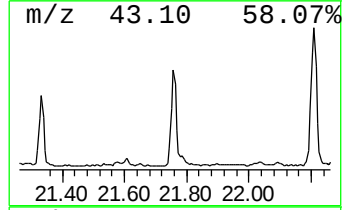
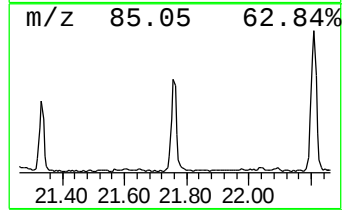
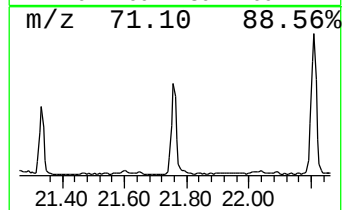
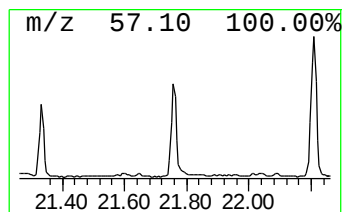
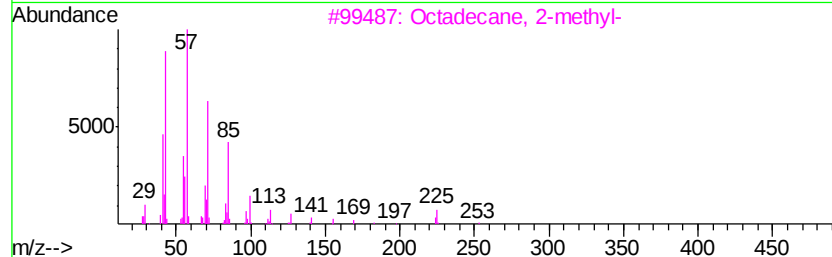
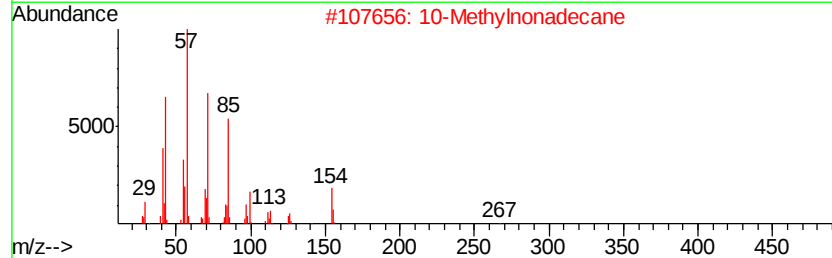
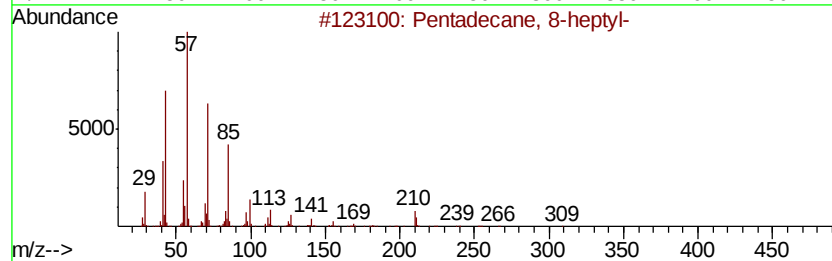
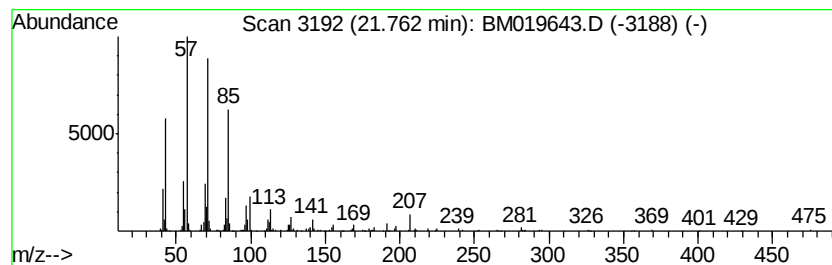
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.17 ng/ul	340696	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
2		10-Methylnonadecane	282	C20H42	056862-62-5	86
3		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81



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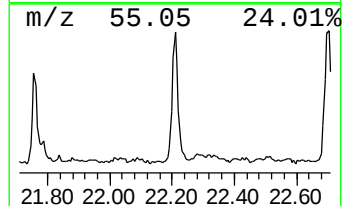
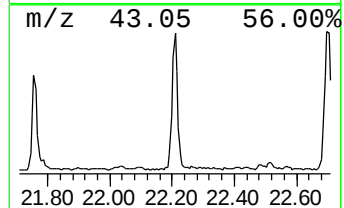
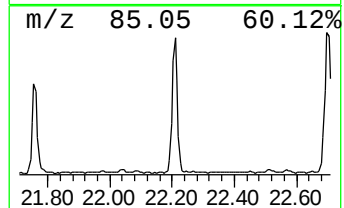
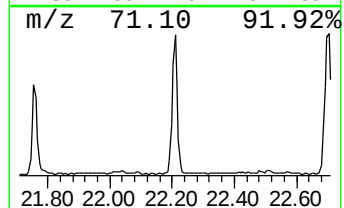
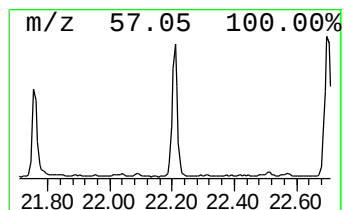
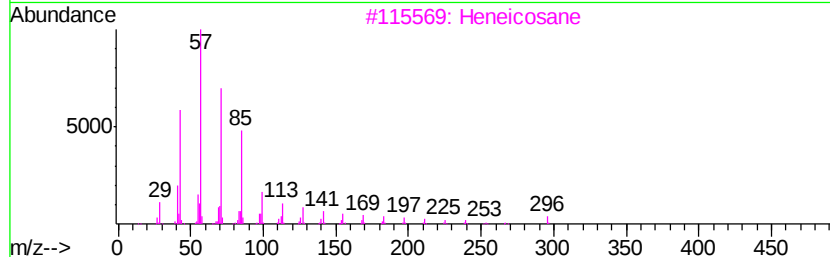
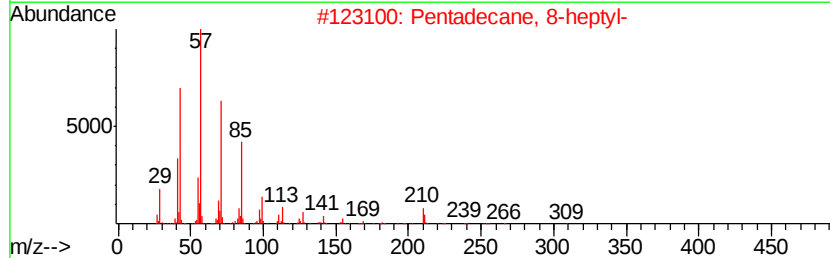
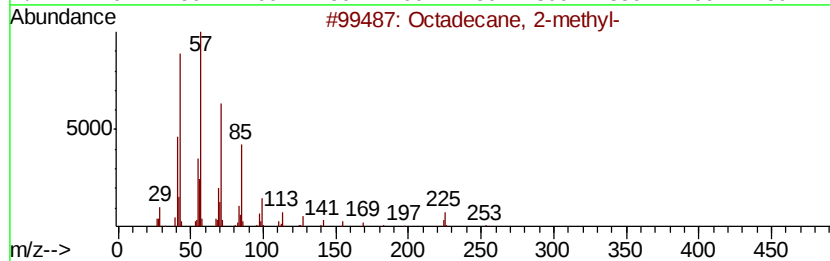
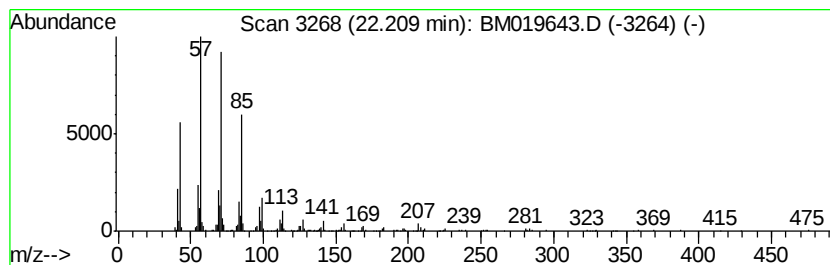
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	3.45 ng/ul	541399	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Heneicosane	296	C21H44	000629-94-7	86
4		Heptacosane	380	C27H56	000593-49-7	74
5		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	74



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BF5K5

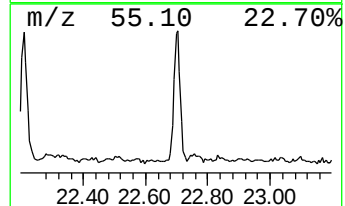
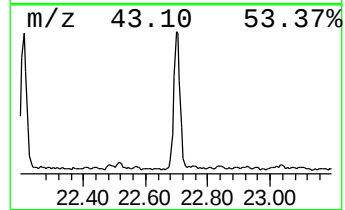
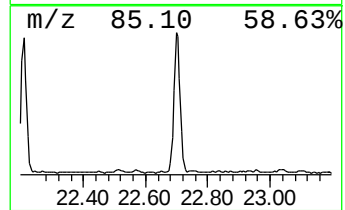
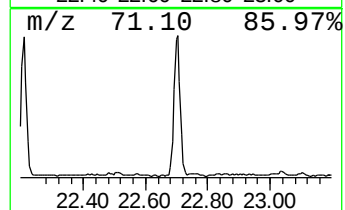
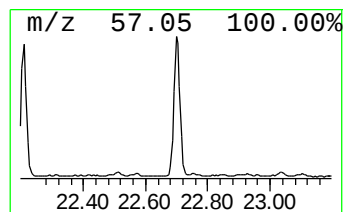
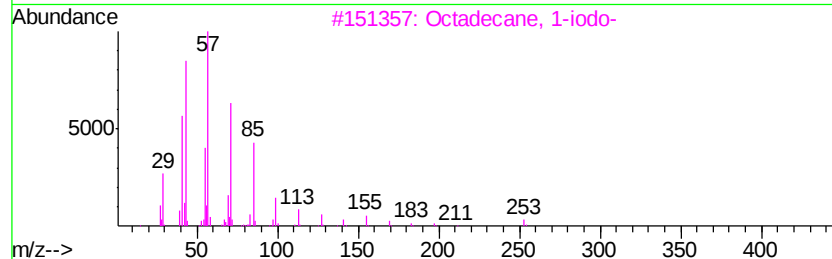
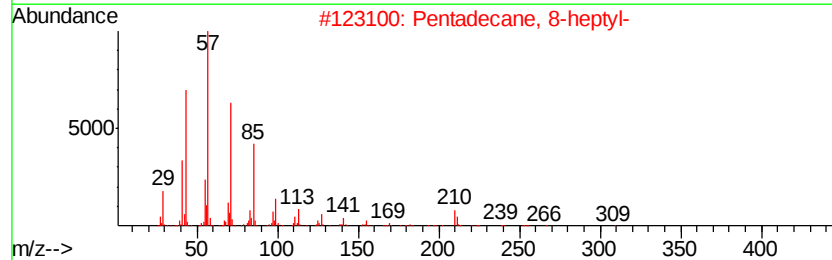
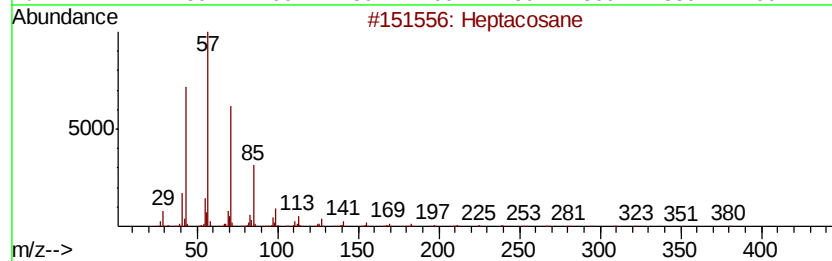
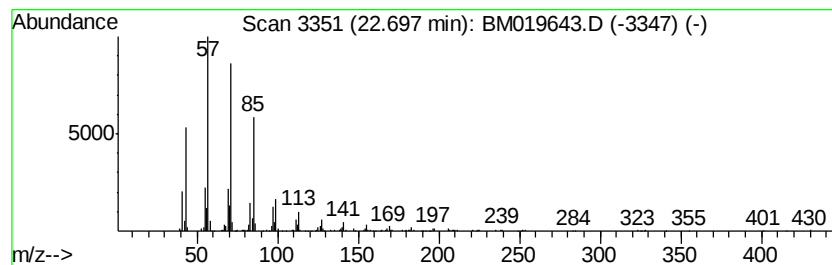
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.46 ng/ul	609989	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019643.D
Acq On : 31 Mar 2019 05:35
Operator : JU/SJ
Sample : K2068-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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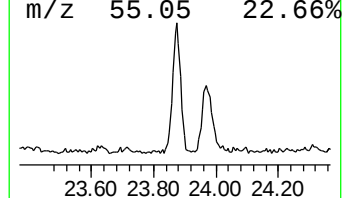
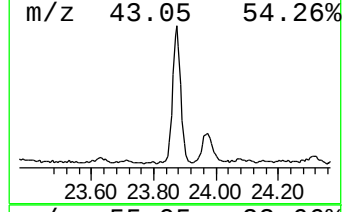
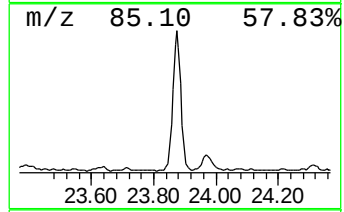
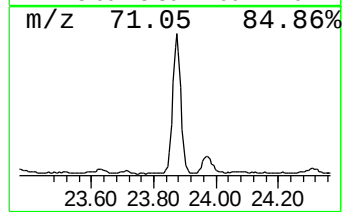
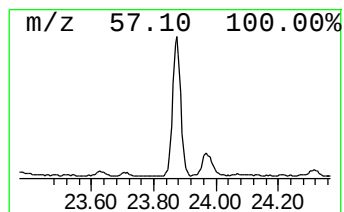
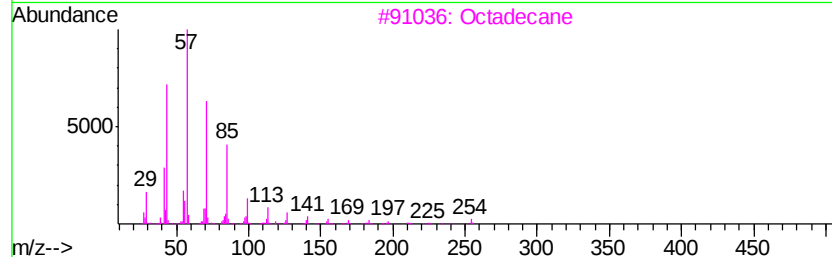
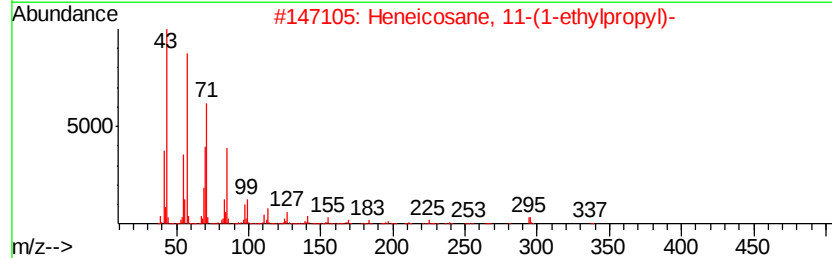
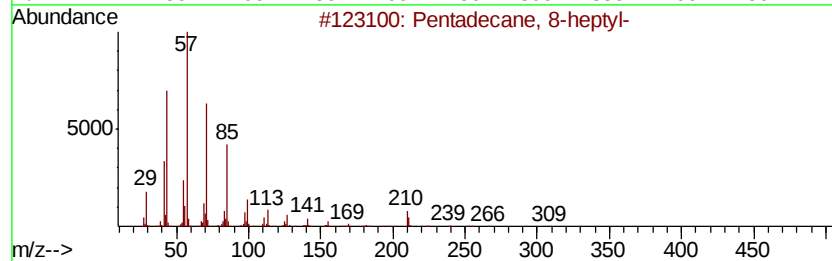
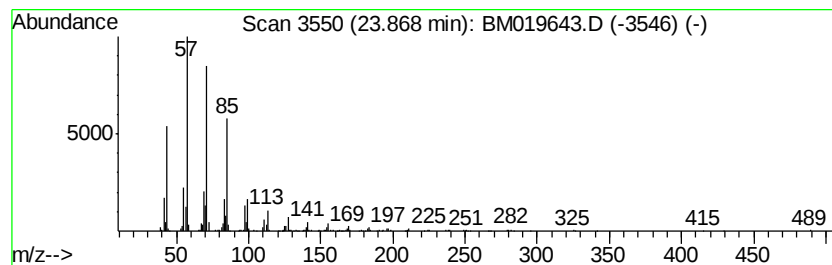
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	3.95 ng/ul	696722	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Octadecane	254	C18H38	000593-45-3	90
4		Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019643.D
Acq On : 31 Mar 2019 05:35
Operator : JU/SJ
Sample : K2068-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5K5

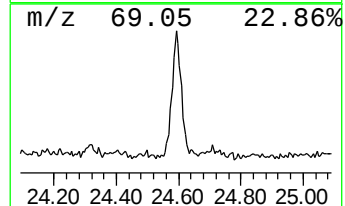
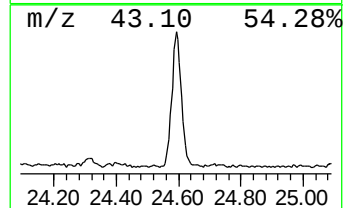
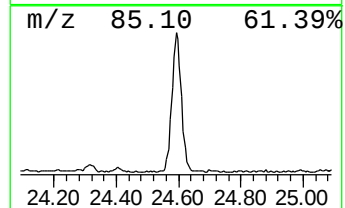
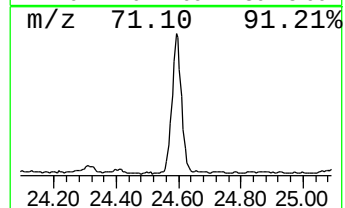
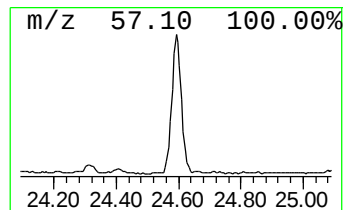
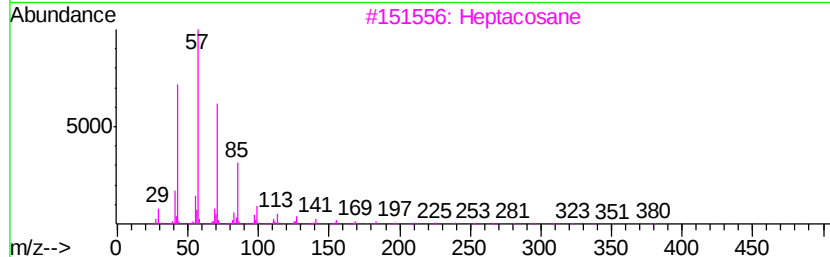
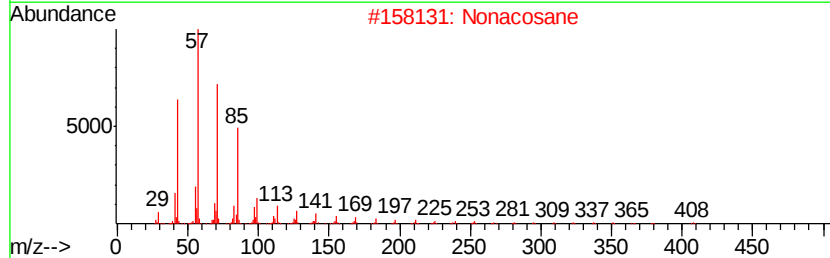
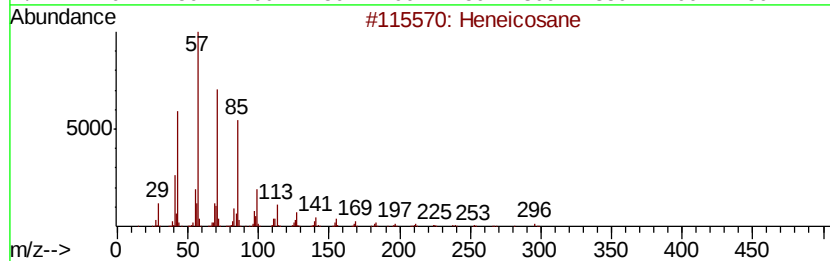
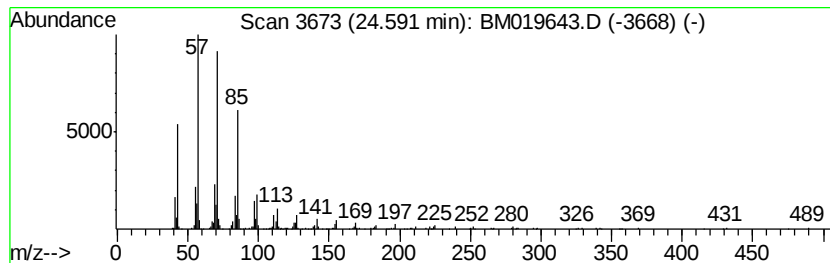
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Quant Title : SVOA CALIBRATION

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.
24.59	3.40 ng/ul	600612	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019643.D
Acq On : 31 Mar 2019 05:35
Operator : JU/SJ
Sample : K2068-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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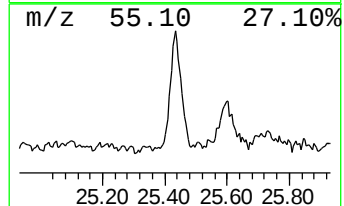
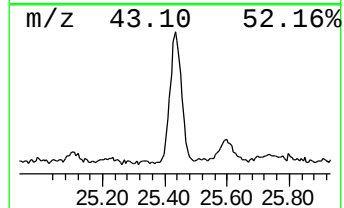
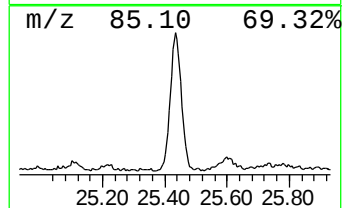
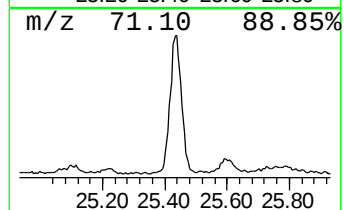
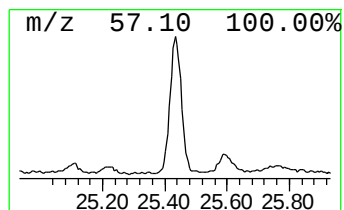
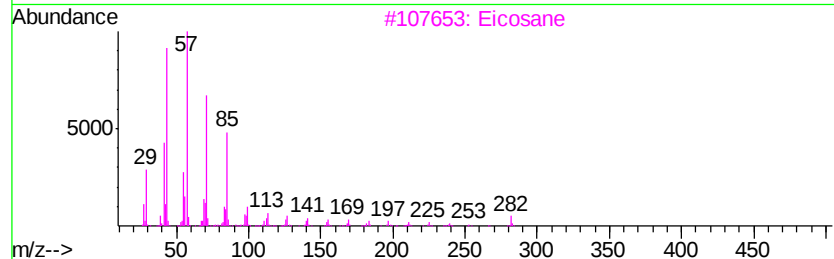
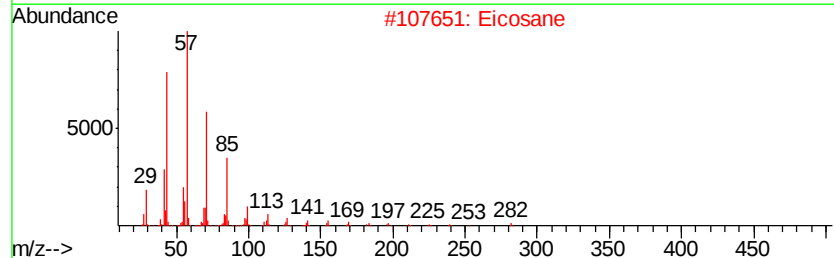
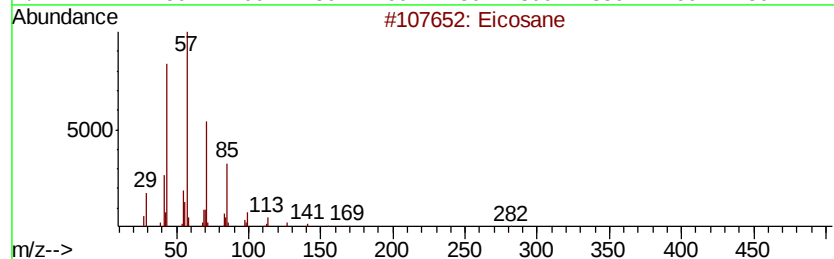
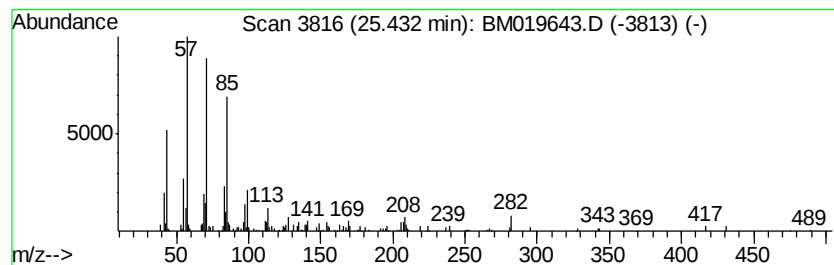
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.43	2.15 ng/ul	379325	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Heneicosane	296	C21H44	000629-94-7	83
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019643.D
Acq On : 31 Mar 2019 05:35
Operator : JU/SJ
Sample : K2068-24
Misc :
ALS Vial : 31 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	3.8	ng/ul	398068	4	16.99	2096240	20.0
Trichloroacetic a...	20.90	5.0	ng/ul	789299	5	21.20	3138870	20.0
(DEL) Alkane: Str...	21.76	2.2	ng/ul	340696	5	21.20	3138870	20.0
(DEL) Alkane: Str...	22.21	3.5	ng/ul	541399	5	21.20	3138870	20.0
(DEL) Alkane: Str...	22.70	3.5	ng/ul	609989	6	23.40	3530860	20.0
(DEL) Alkane: Str...	23.87	4.0	ng/ul	696722	6	23.40	3530860	20.0
(DEL) Alkane: Str...	24.59	3.4	ng/ul	600612	6	23.40	3530860	20.0
(DEL) Alkane: Str...	25.43	2.1	ng/ul	379325	6	23.40	3530860	20.0