

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019609.D
 Acq On : 30 Mar 2019 08:56
 Operator : JU/SJ
 Sample : K2122-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5C1

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	21	23	33	rVB	35823	59589	1.18%	0.131%
2	6.757	635	641	656	rBV	409339	802010	15.92%	1.768%
3	6.928	665	670	691	rBV	331773	627852	12.47%	1.384%
4	7.110	694	701	718	rVB	493730	850467	16.89%	1.875%
5	7.575	774	780	789	rBV	509676	828741	16.45%	1.827%
6	8.292	896	902	921	rBV	476688	917181	18.21%	2.022%
7	8.745	971	979	996	rBV	447311	812012	16.12%	1.790%
8	9.075	1028	1035	1044	rVB	15935	25107	0.50%	0.055%
9	9.457	1094	1100	1115	rBV	375464	688223	13.66%	1.517%
10	9.992	1184	1191	1216	rBV	486644	1051073	20.87%	2.318%
11	10.351	1245	1252	1263	rBV	761724	1280312	25.42%	2.823%
12	10.522	1275	1281	1311	rBV	392618	994464	19.74%	2.193%
13	11.986	1525	1530	1535	rBV3	4206	9335	0.19%	0.021%
14	13.033	1702	1708	1711	rBV4	4796	6907	0.14%	0.015%
15	13.116	1717	1722	1725	rBV3	4104	5613	0.11%	0.012%
16	13.204	1731	1737	1743	rBV2	22127	29872	0.59%	0.066%
17	13.657	1808	1814	1819	rBV	1200886	1667698	33.11%	3.677%
18	13.704	1819	1822	1831	rVB	173383	260366	5.17%	0.574%
19	13.927	1853	1860	1881	rBV	1397953	2061232	40.93%	4.545%
20	14.233	1906	1912	1922	rVB2	1135637	1738220	34.51%	3.833%
21	14.486	1948	1955	1981	rBV	220124	690246	13.70%	1.522%
22	14.662	1981	1985	1993	rVV2	53456	96895	1.92%	0.214%
23	14.739	1996	1998	2005	rVB4	5520	9721	0.19%	0.021%
24	15.080	2051	2056	2060	rVB	10090	12599	0.25%	0.028%
25	15.239	2076	2083	2101	rVB	1740410	2596845	51.56%	5.726%
26	15.380	2101	2107	2119	rBV	446863	723320	14.36%	1.595%
27	15.480	2119	2124	2129	rVB3	21511	35749	0.71%	0.079%
28	15.939	2199	2202	2205	rBV3	7428	11050	0.22%	0.024%
29	15.986	2205	2210	2215	rBV	18853	35797	0.71%	0.079%
30	16.351	2269	2272	2277	rVB3	3721	5176	0.10%	0.011%
31	16.404	2277	2281	2289	rBV2	16230	30914	0.61%	0.068%
32	16.739	2334	2338	2342	rBV4	4522	5977	0.12%	0.013%
33	16.786	2342	2346	2350	rVB2	6903	9830	0.20%	0.022%
34	16.904	2362	2366	2368	rVV3	5963	7868	0.16%	0.017%

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35	16.992	2375	2381	2389	rBV2	1482147	2136619	42.42%	4.711%
36	17.092	2392	2398	2409	rBV	2034540	2861677	56.82%	6.310%
37	17.380	2443	2447	2452	rVB5	7184	11372	0.23%	0.025%
38	17.474	2460	2463	2467	rVB5	4917	6879	0.14%	0.015%
39	17.545	2471	2475	2481	rVB2	20405	25212	0.50%	0.056%
40	17.609	2481	2486	2490	rBV6	14605	20701	0.41%	0.046%
41	17.886	2528	2533	2545	rBV	231554	386593	7.68%	0.852%
42	18.174	2578	2582	2588	rBV5	10908	19361	0.38%	0.043%
43	18.492	2635	2636	2641	rBV5	4256	5690	0.11%	0.013%
44	18.609	2653	2656	2659	rVB4	9039	8241	0.16%	0.018%
45	18.650	2659	2663	2668	rBV5	19461	31109	0.62%	0.069%
46	18.756	2677	2681	2687	rBV3	43104	53026	1.05%	0.117%
47	18.809	2687	2690	2694	rBV6	8723	12144	0.24%	0.027%
48	19.039	2724	2729	2731	rBV5	27110	43861	0.87%	0.097%
49	19.180	2745	2753	2754	rBV2	108468	182227	3.62%	0.402%
50	19.203	2754	2757	2761	rVB	137973	179520	3.56%	0.396%
51	19.292	2769	2772	2775	rVB2	18935	19075	0.38%	0.042%
52	19.362	2779	2784	2785	rBV	155825	185550	3.68%	0.409%
53	19.403	2785	2791	2798	rVB	2520872	3559230	70.67%	7.848%
54	19.739	2844	2848	2851	rBV	223451	234314	4.65%	0.517%
55	19.774	2851	2854	2860	rVB	287102	312696	6.21%	0.689%
56	19.909	2874	2877	2879	rBV3	24890	28615	0.57%	0.063%
57	20.133	2913	2915	2920	rVB5	24734	22978	0.46%	0.051%
58	20.433	2963	2966	2971	rBV3	24946	32610	0.65%	0.072%
59	20.715	3011	3014	3017	rBV2	97123	103787	2.06%	0.229%
60	20.750	3017	3020	3027	rVB	100009	109458	2.17%	0.241%
61	20.897	3041	3045	3055	rBV	1059514	1308941	25.99%	2.886%
62	21.197	3091	3096	3110	rBV	2327111	3108718	61.72%	6.855%
63	21.339	3116	3120	3127	rBV3	89728	152153	3.02%	0.335%
64	21.580	3159	3161	3164	rBV3	47546	47358	0.94%	0.104%
65	21.609	3164	3166	3170	rVB	52120	51729	1.03%	0.114%
66	21.762	3188	3192	3194	rBV	154618	190096	3.77%	0.419%
67	22.209	3265	3268	3274	rVB	221716	288573	5.73%	0.636%
68	22.703	3348	3352	3358	rVB	309475	423618	8.41%	0.934%
69	23.262	3440	3447	3455	rBV2	2892847	5036548	100.00%	11.105%
70	23.403	3464	3471	3483	rVB	1893852	3514474	69.78%	7.749%
71	23.880	3547	3552	3559	rVB	319184	558610	11.09%	1.232%

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72	23.974	3563	3568	3578	rVB	328874	668114	13.27%	1.473%
73	24.597	3670	3674	3682	rVB	207013	422711	8.39%	0.932%

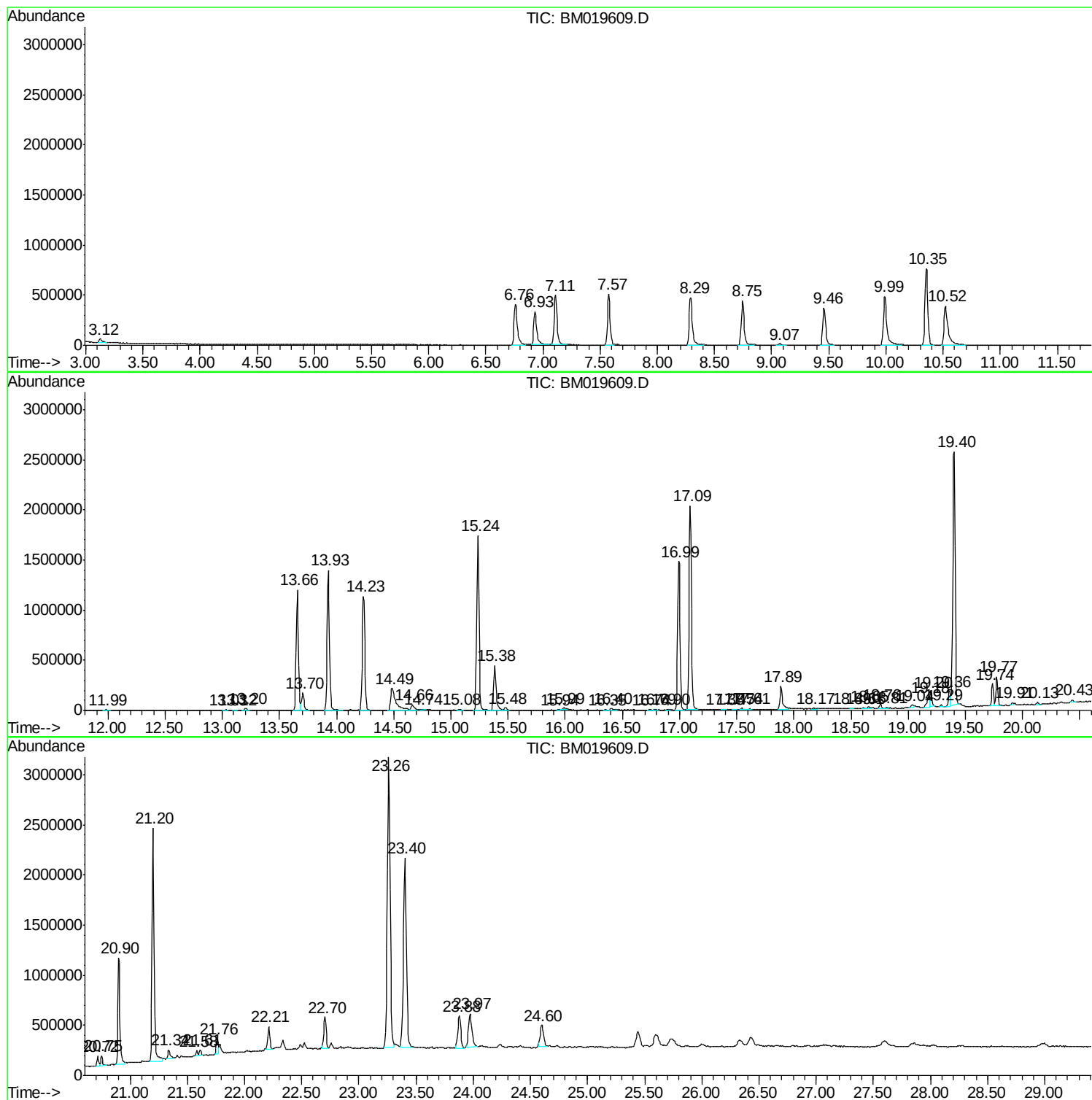
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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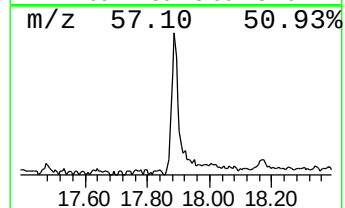
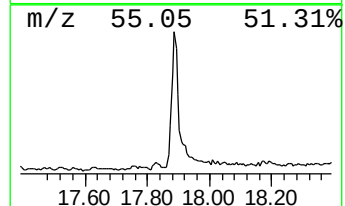
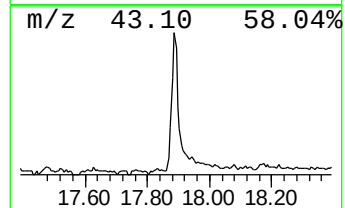
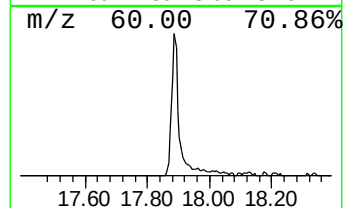
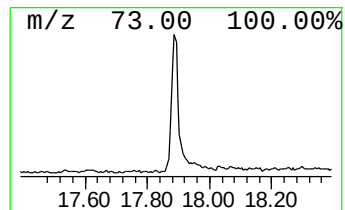
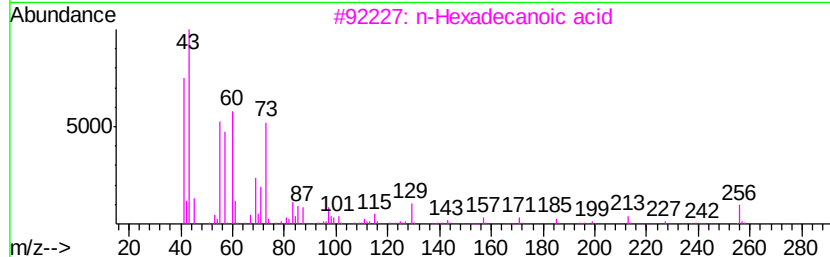
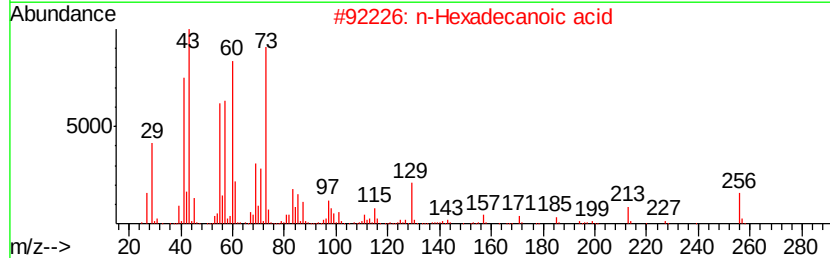
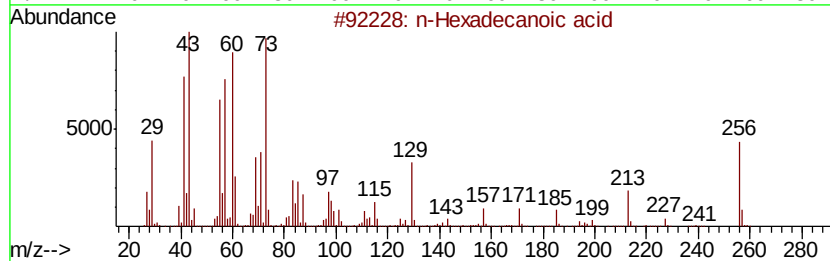
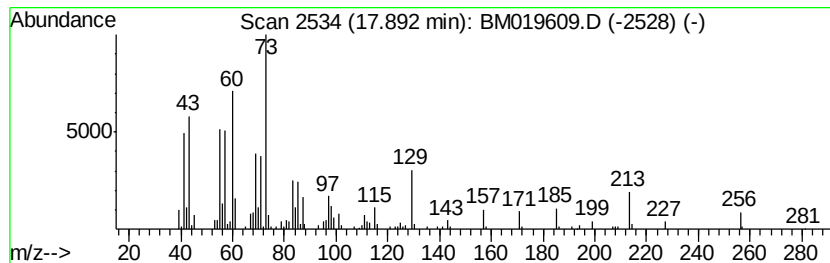
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Quant Title : SVOA CALIBRATION

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	3.62 ng/ul	386593	Phenanthrene-d10	16.99	
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	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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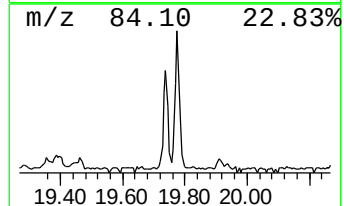
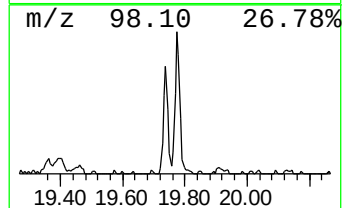
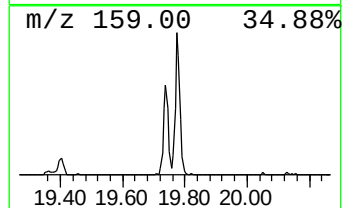
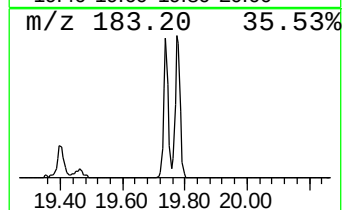
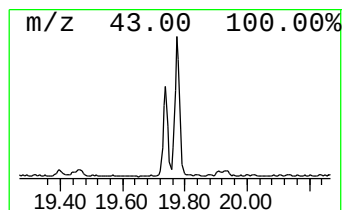
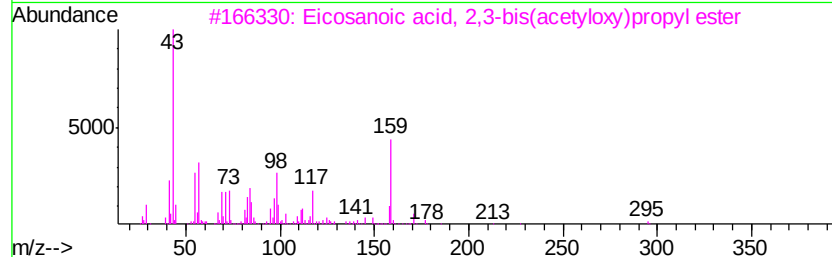
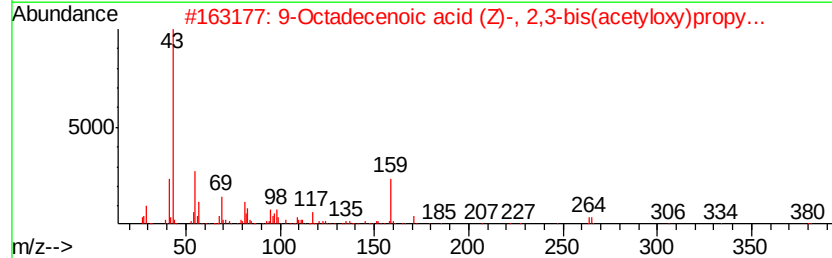
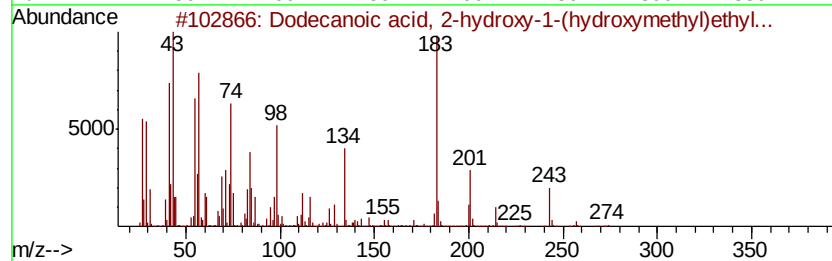
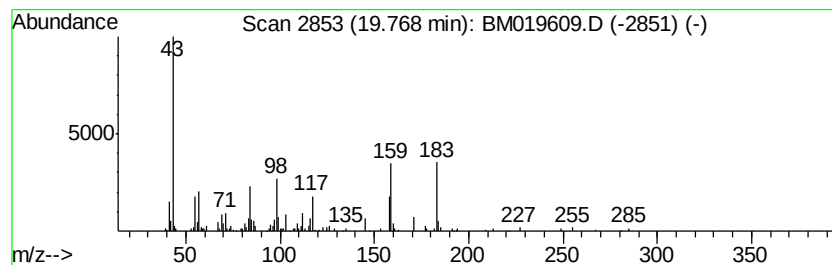
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.01 ng/ul	312696	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	16
2		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	12
3		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	10
4		1,2-Dicarbadodecaborane(12), 1-h...	230	C8H24B10	020740-05-0	9
5		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NOS	085333-98-8	9



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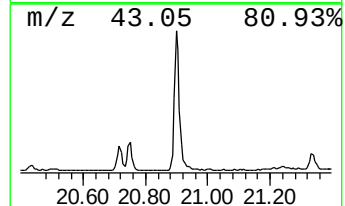
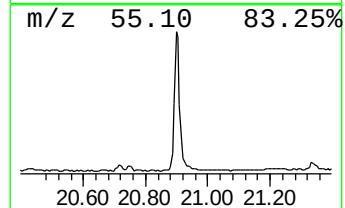
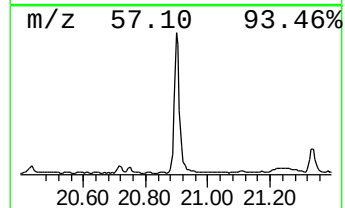
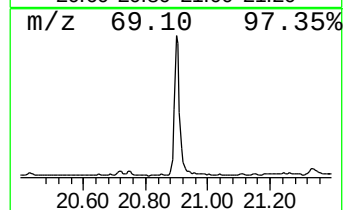
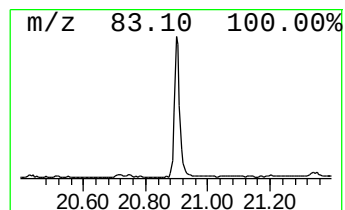
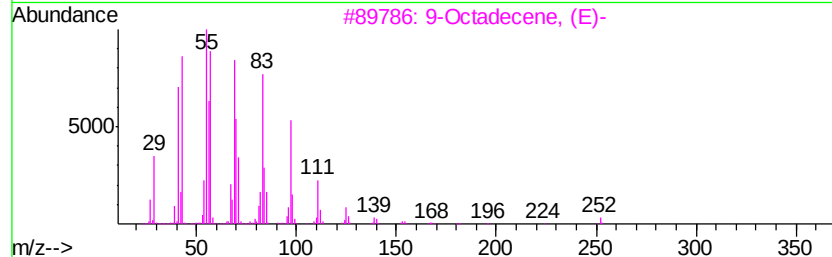
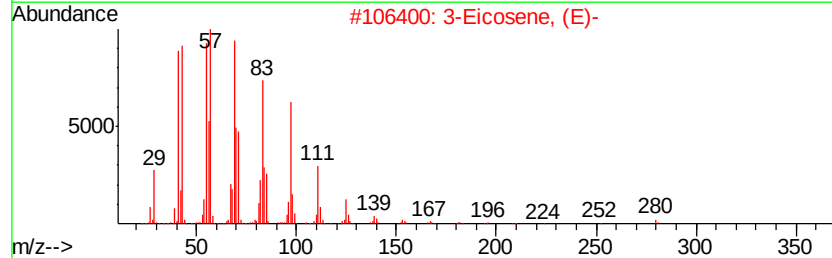
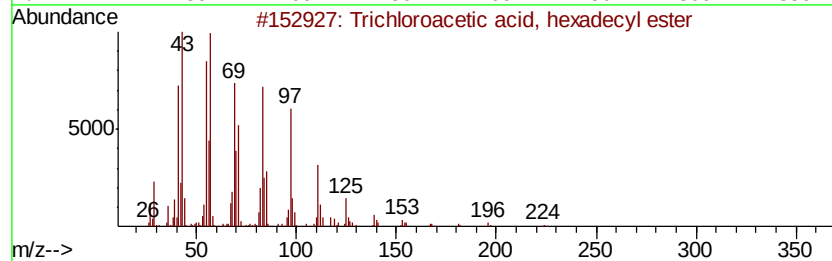
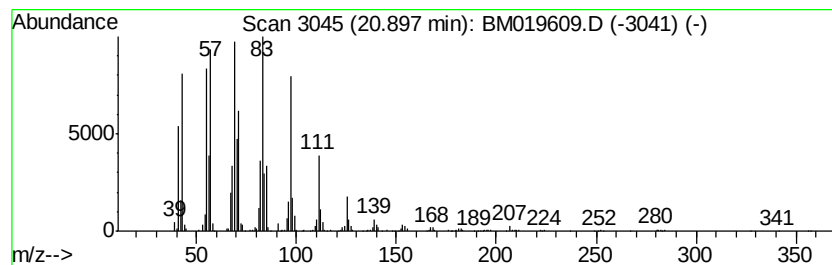
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	8.42 ng/ul	1308940	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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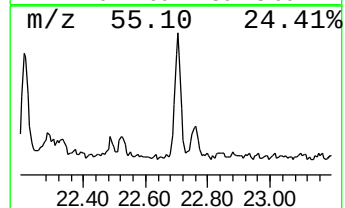
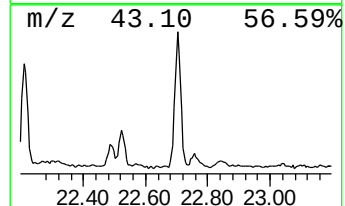
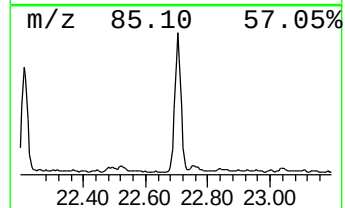
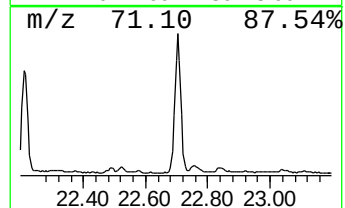
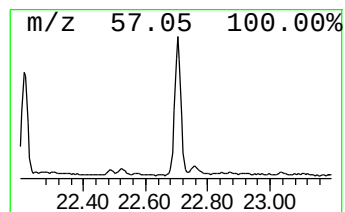
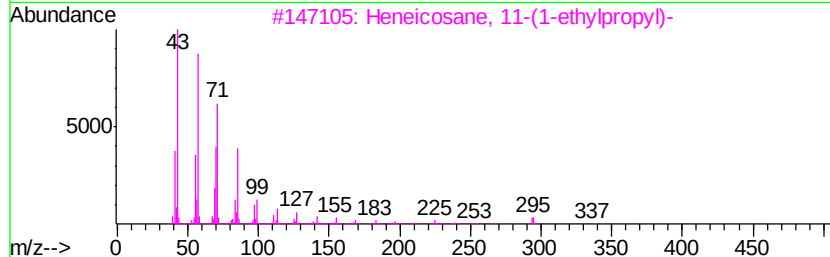
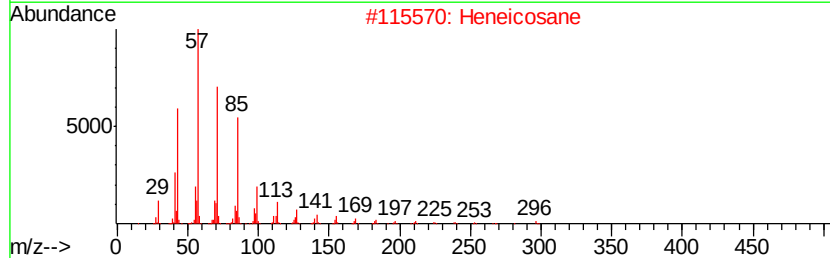
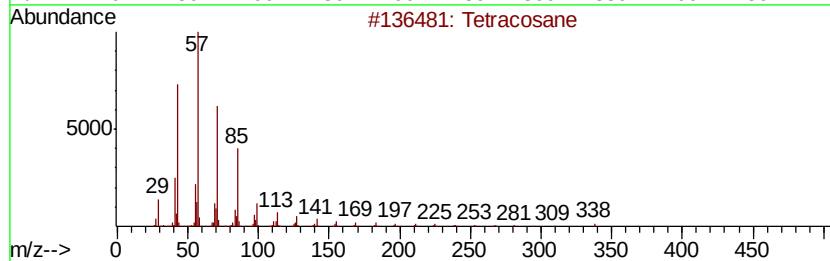
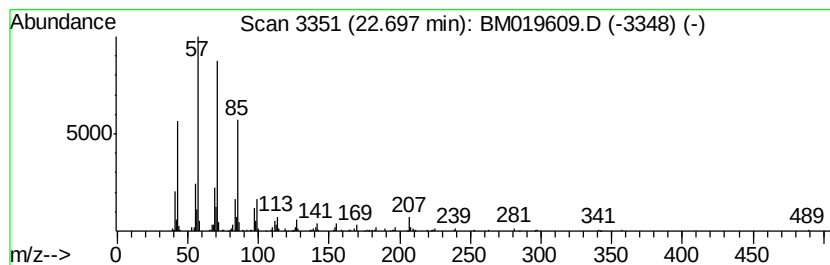
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.41 ng/ul	423618	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019609.D
Acq On : 30 Mar 2019 08:56
Operator : JU/SJ
Sample : K2122-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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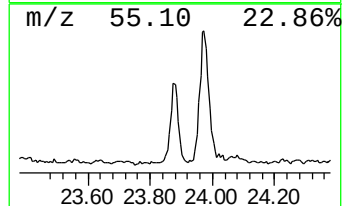
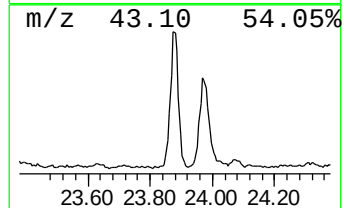
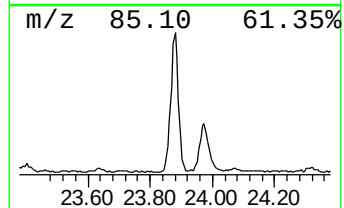
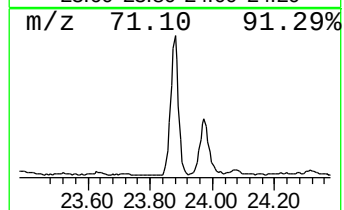
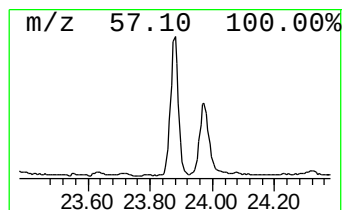
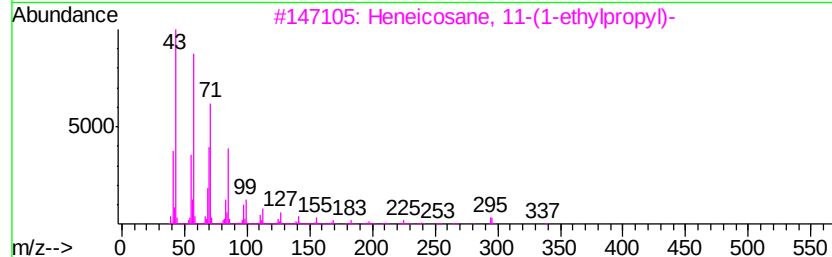
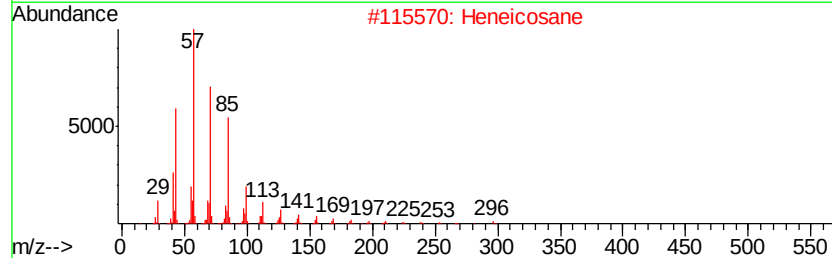
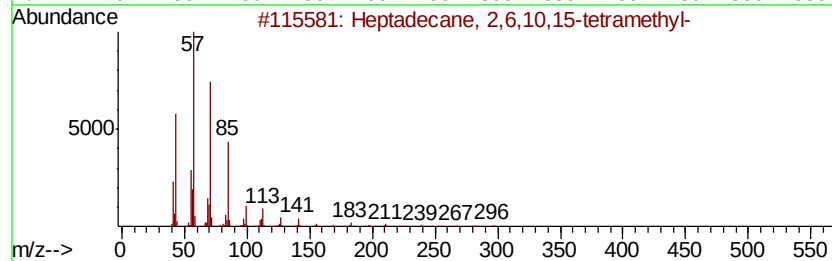
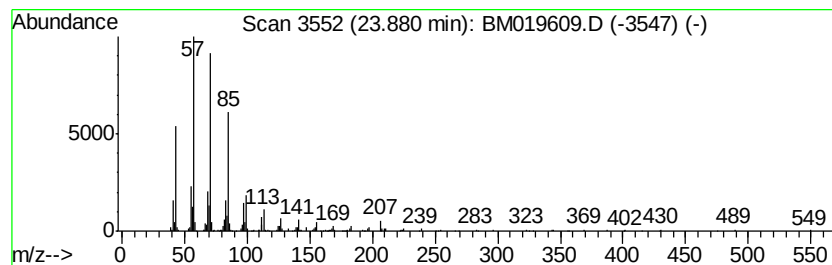
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.18 ng/ul	558610	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019609.D
Acq On : 30 Mar 2019 08:56
Operator : JU/SJ
Sample : K2122-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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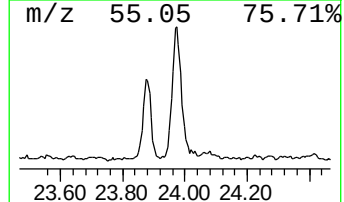
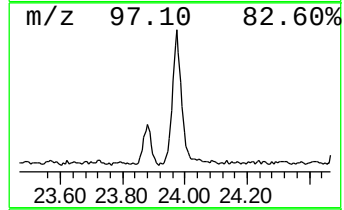
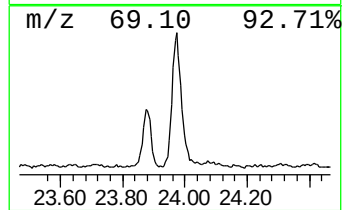
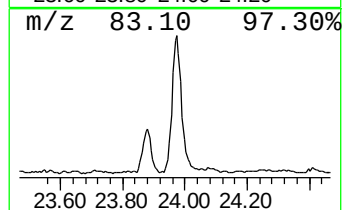
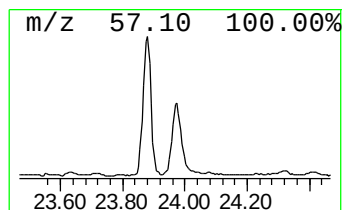
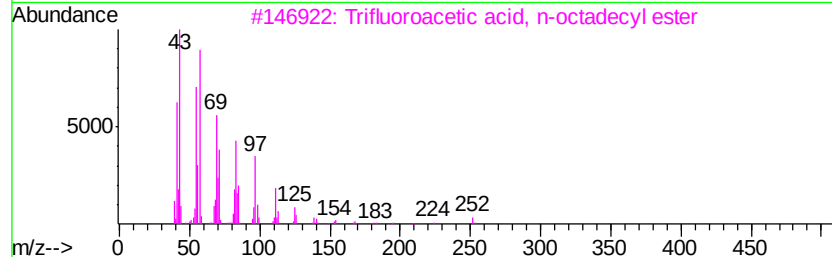
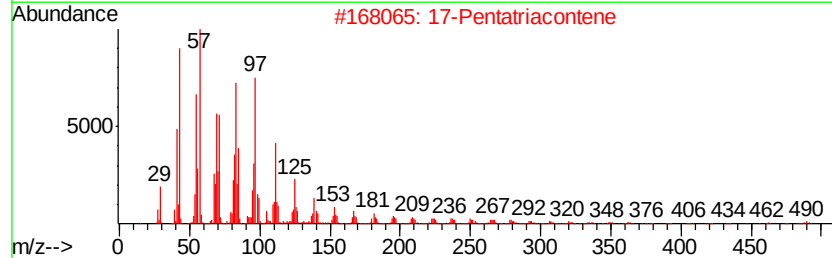
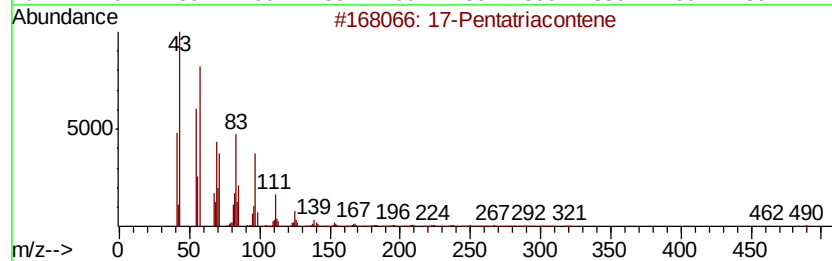
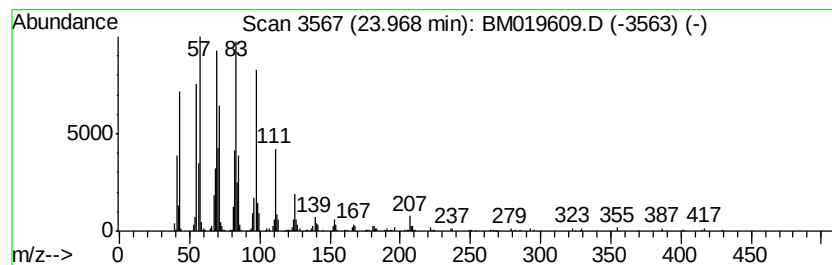
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Quant Title : SVOA CALIBRATION

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.
23.97	3.80 ng/ul	668114	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	95
2		17-Pentatriacontene	491	C35H70	006971-40-0	89
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	87
4		Cyclotetradecane	196	C14H28	000295-17-0	83
5		1-Docosene	308	C22H44	001599-67-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019609.D
Acq On : 30 Mar 2019 08:56
Operator : JU/SJ
Sample : K2122-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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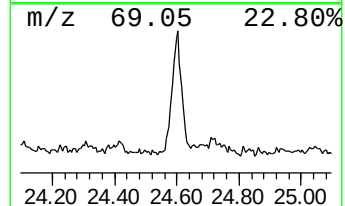
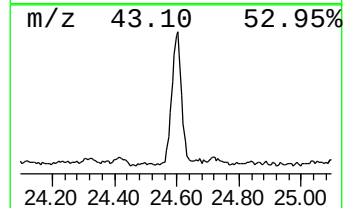
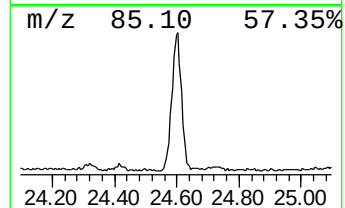
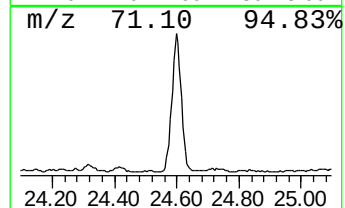
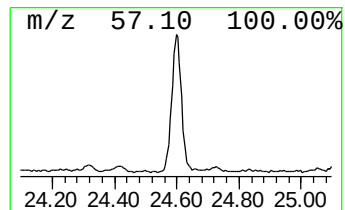
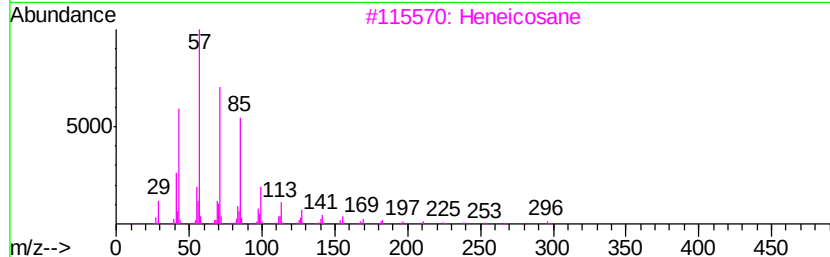
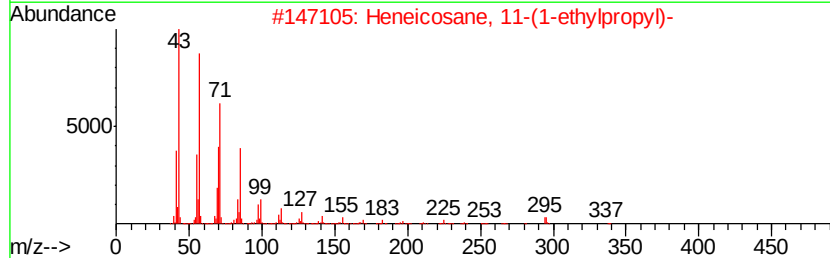
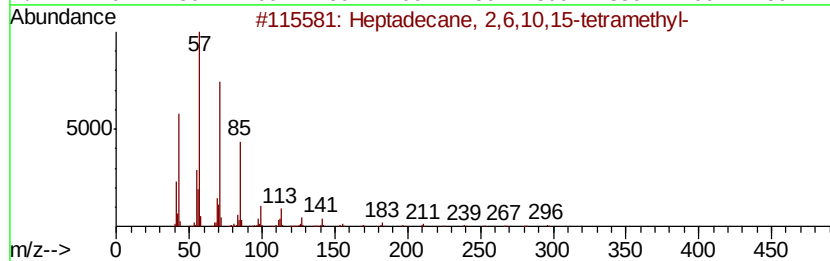
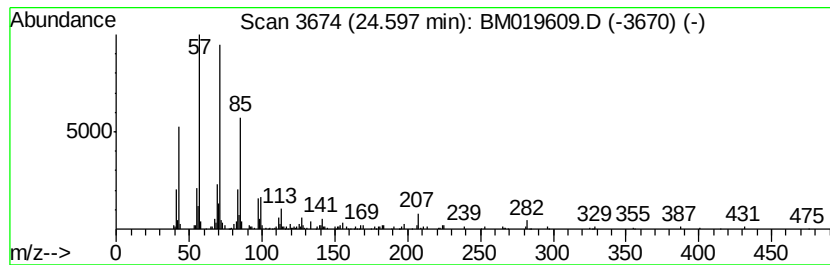
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	2.41 ng/ul	422711	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Heneicosane	296	C21H44	000629-94-7	86
4		Nonacosane	408	C29H60	000630-03-5	86
5		Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019609.D
Acq On : 30 Mar 2019 08:56
Operator : JU/SJ
Sample : K2122-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5C1

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	3.6	ng/ul	386593	4	16.99	2136620	20.0
unknown-01	19.77	2.0	ng/ul	312696	5	21.20	3108720	20.0
Trichloroacetic a...	20.90	8.4	ng/ul	1308940	5	21.20	3108720	20.0
(DEL) Alkane: Str...	22.70	2.4	ng/ul	423618	6	23.40	3514470	20.0
(DEL) Alkane: Str...	23.88	3.2	ng/ul	558610	6	23.40	3514470	20.0
(DEL) Alkane: Str...	23.97	3.8	ng/ul	668114	6	23.40	3514470	20.0
(DEL) Alkane: Str...	24.60	2.4	ng/ul	422711	6	23.40	3514470	20.0