

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019607.D
 Acq On : 30 Mar 2019 07:43
 Operator : JU/SJ
 Sample : K2122-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5B9

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	35	rVB	30675	58087	1.28%	0.129%
2	6.757	635	641	658	rBV	367874	727663	16.10%	1.614%
3	6.928	664	670	685	rBV	298711	573475	12.69%	1.272%
4	7.110	695	701	719	rVB	445426	783310	17.33%	1.738%
5	7.575	773	780	790	rBV	502160	830777	18.38%	1.843%
6	7.646	790	792	796	rVB3	5944	7450	0.16%	0.017%
7	8.293	895	902	923	rBV	439841	860155	19.03%	1.908%
8	8.745	972	979	997	rBV	399732	721318	15.96%	1.600%
9	9.075	1030	1035	1041	rVB2	15669	22874	0.51%	0.051%
10	9.457	1093	1100	1117	rBV	329725	606465	13.42%	1.345%
11	9.992	1184	1191	1211	rBV	444975	930410	20.58%	2.064%
12	10.351	1244	1252	1264	rBV	740694	1253415	27.73%	2.781%
13	10.522	1275	1281	1305	rBV	325640	843287	18.65%	1.871%
14	11.986	1523	1530	1531	rBV	3964	5236	0.12%	0.012%
15	13.033	1703	1708	1712	rBV4	4546	7452	0.16%	0.017%
16	13.657	1808	1814	1819	rBV	995658	1404213	31.06%	3.115%
17	13.704	1819	1822	1833	rVB	142003	221859	4.91%	0.492%
18	13.927	1854	1860	1872	rBV	1210024	1759773	38.93%	3.904%
19	14.116	1889	1892	1896	rBV5	4483	5902	0.13%	0.013%
20	14.192	1899	1905	1906	rBV3	3934	5676	0.13%	0.013%
21	14.233	1906	1912	1924	rVB2	1094653	1649338	36.48%	3.659%
22	14.492	1950	1956	1973	rBV2	151193	484398	10.72%	1.075%
23	14.674	1982	1987	1996	rVB4	11062	25645	0.57%	0.057%
24	15.074	2051	2055	2060	rVB	9981	11857	0.26%	0.026%
25	15.233	2076	2082	2094	rBV	1496716	2202058	48.71%	4.885%
26	15.380	2102	2107	2119	rBV	338571	554536	12.27%	1.230%
27	15.480	2120	2124	2128	rVB2	19154	29202	0.65%	0.065%
28	15.816	2175	2181	2186	rVB5	2962	7244	0.16%	0.016%
29	15.939	2199	2202	2206	rBV3	6615	11183	0.25%	0.025%
30	15.986	2206	2210	2223	rVB2	28579	68261	1.51%	0.151%
31	16.410	2277	2282	2287	rBV7	6527	10715	0.24%	0.024%
32	16.739	2334	2338	2342	rBV3	7078	8738	0.19%	0.019%
33	16.792	2342	2347	2351	rVV2	5415	9172	0.20%	0.020%
34	16.904	2361	2366	2371	rBV4	3711	7120	0.16%	0.016%

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35	16.992	2375	2381	2392	rBV2	1481139	1993781	44.10%	4.423%
36	17.092	2392	2398	2410	rBV	1734647	2427106	53.69%	5.384%
37	17.339	2436	2440	2442	rVB3	4787	5020	0.11%	0.011%
38	17.374	2442	2446	2453	rBV7	5636	11667	0.26%	0.026%
39	17.480	2460	2464	2466	rBV2	5666	7502	0.17%	0.017%
40	17.545	2471	2475	2480	rVV2	62847	77051	1.70%	0.171%
41	17.610	2482	2486	2488	rVV4	5458	6258	0.14%	0.014%
42	17.762	2509	2512	2517	rVB4	4751	6303	0.14%	0.014%
43	17.827	2517	2523	2526	rBV3	21782	30334	0.67%	0.067%
44	17.886	2526	2533	2550	rVV	249219	423171	9.36%	0.939%
45	18.174	2578	2582	2589	rBV6	13158	21393	0.47%	0.047%
46	18.262	2591	2597	2604	rBV6	117661	233152	5.16%	0.517%
47	18.392	2616	2619	2622	rVB5	4556	5799	0.13%	0.013%
48	18.433	2624	2626	2630	rVB4	25342	28769	0.64%	0.064%
49	18.510	2635	2639	2642	rVB6	3363	4863	0.11%	0.011%
50	18.545	2642	2645	2650	rBV4	13401	20994	0.46%	0.047%
51	18.657	2659	2664	2668	rBV2	63137	80430	1.78%	0.178%
52	18.757	2676	2681	2686	rVB	138603	171310	3.79%	0.380%
53	18.810	2686	2690	2694	rBV6	25415	34446	0.76%	0.076%
54	18.886	2699	2703	2708	rVB7	16241	21418	0.47%	0.048%
55	18.945	2709	2713	2715	rBV4	14046	13467	0.30%	0.030%
56	18.992	2716	2721	2723	rVV5	20693	32937	0.73%	0.073%
57	19.021	2723	2726	2730	rVV4	78626	115248	2.55%	0.256%
58	19.092	2734	2738	2744	rVV2	134940	189269	4.19%	0.420%
59	19.157	2744	2749	2752	rVV2	248968	369763	8.18%	0.820%
60	19.198	2752	2756	2764	rVV	736565	1023820	22.65%	2.271%
61	19.292	2768	2772	2775	rVV	21256	33347	0.74%	0.074%
62	19.362	2778	2784	2786	rVV	867395	1258194	27.83%	2.791%
63	19.404	2786	2791	2801	rVV	2168947	3605251	79.75%	7.998%
64	19.504	2805	2808	2815	rVB7	19833	30734	0.68%	0.068%
65	19.609	2822	2826	2830	rBV5	30739	37044	0.82%	0.082%
66	19.709	2840	2843	2844	rBV3	12064	10638	0.24%	0.024%
67	19.739	2844	2848	2851	rVV	89326	89648	1.98%	0.199%
68	19.774	2851	2854	2861	rVB	119930	145887	3.23%	0.324%
69	19.851	2863	2867	2872	rVB8	18397	31439	0.70%	0.070%
70	19.909	2874	2877	2879	rBV3	20126	23880	0.53%	0.053%
71	20.039	2897	2899	2903	rVB5	30059	26156	0.58%	0.058%

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72	20.133	2910	2915	2919	rBV	163947	203405	4.50%	0.451%
73	20.215	2927	2929	2933	rVB5	27303	23465	0.52%	0.052%
74	20.339	2948	2950	2954	rVB4	31249	32353	0.72%	0.072%
75	20.433	2962	2966	2969	rBV2	34137	39802	0.88%	0.088%
76	20.715	3011	3014	3016	rBV3	33362	34747	0.77%	0.077%
77	20.751	3017	3020	3024	rVB2	43368	48287	1.07%	0.107%
78	20.898	3041	3045	3056	rBV	693016	882643	19.52%	1.958%
79	21.103	3077	3080	3084	rBV	68216	76074	1.68%	0.169%
80	21.198	3091	3096	3110	rBV	2210188	2887099	63.86%	6.405%
81	21.333	3116	3119	3128	rBV	117927	161499	3.57%	0.358%
82	21.445	3135	3138	3142	rVB	83888	95259	2.11%	0.211%
83	21.762	3188	3192	3195	rBV	203287	251639	5.57%	0.558%
84	22.209	3264	3268	3276	rBV	326026	445625	9.86%	0.989%
85	22.333	3286	3289	3296	rVB	102919	135689	3.00%	0.301%
86	22.703	3348	3352	3357	rVB	403649	554299	12.26%	1.230%
87	23.262	3440	3447	3457	rBV	2424942	4520741	100.00%	10.029%
88	23.403	3464	3471	3484	rVB	1808946	3289245	72.76%	7.297%
89	23.874	3546	3551	3560	rVB	391752	724648	16.03%	1.608%
90	23.974	3563	3568	3579	rVB	203430	427329	9.45%	0.948%
91	24.597	3669	3674	3681	rVB	260776	559149	12.37%	1.240%
92	25.438	3812	3817	3824	rBV3	147448	328335	7.26%	0.728%

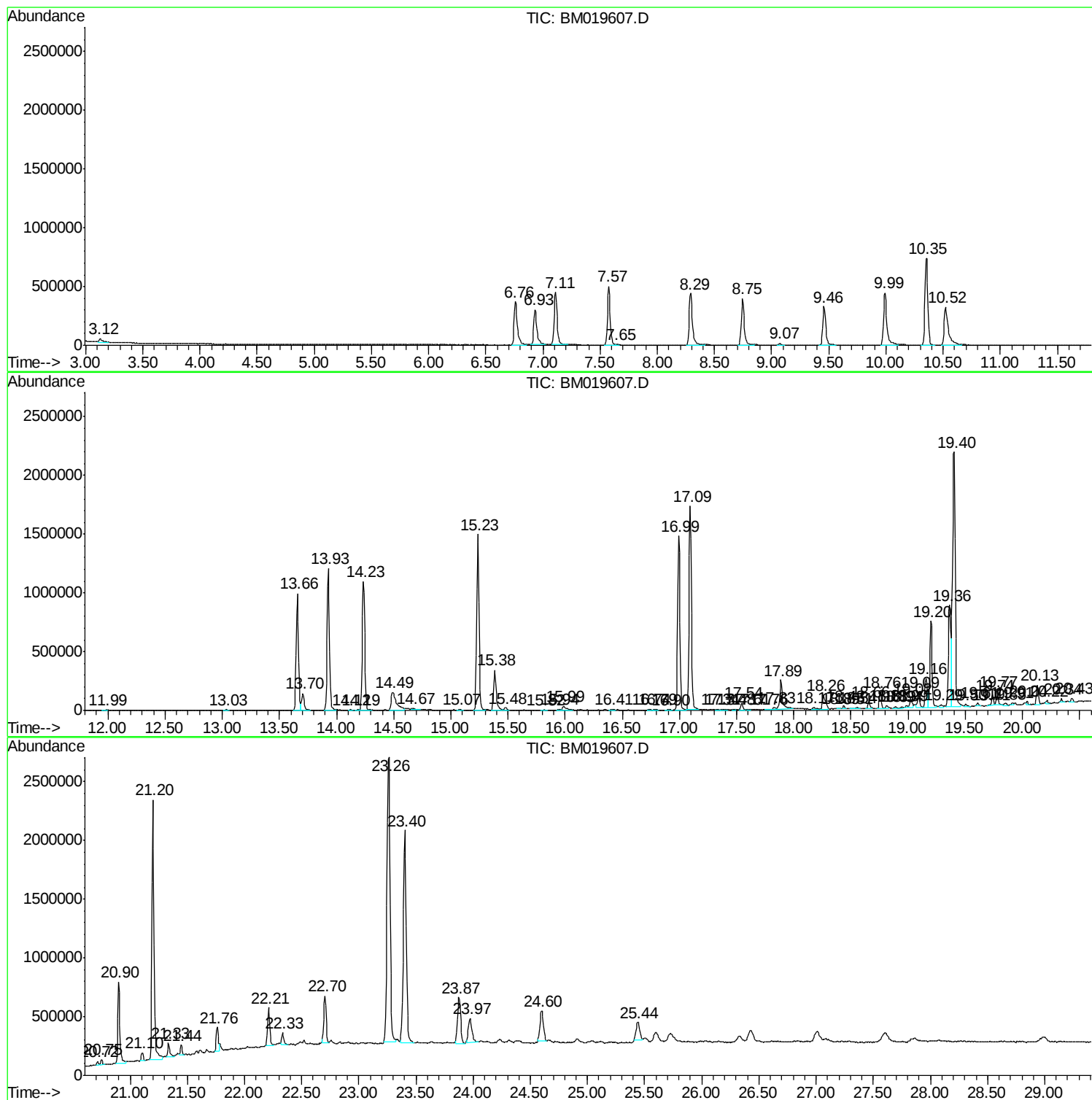
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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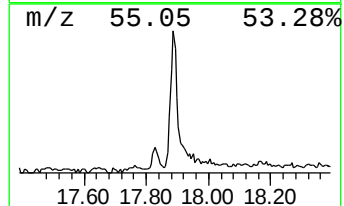
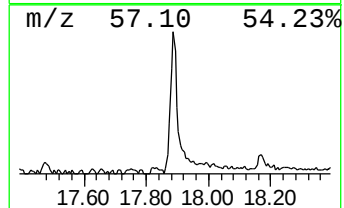
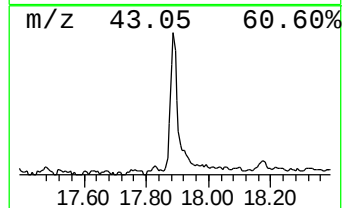
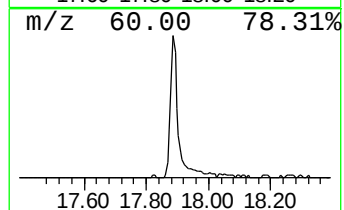
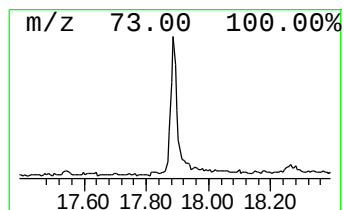
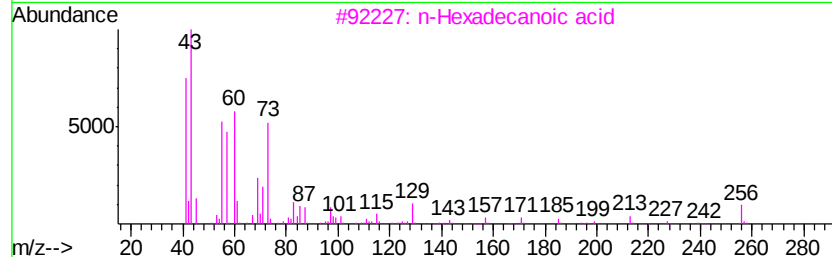
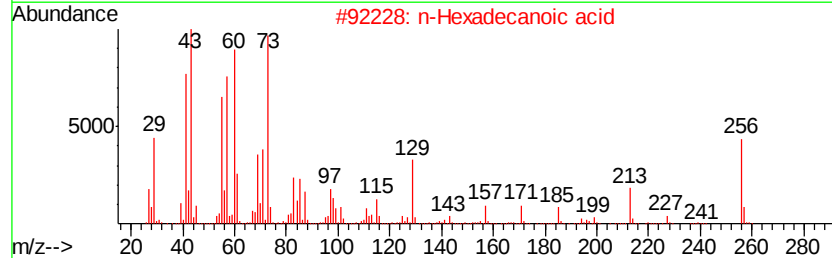
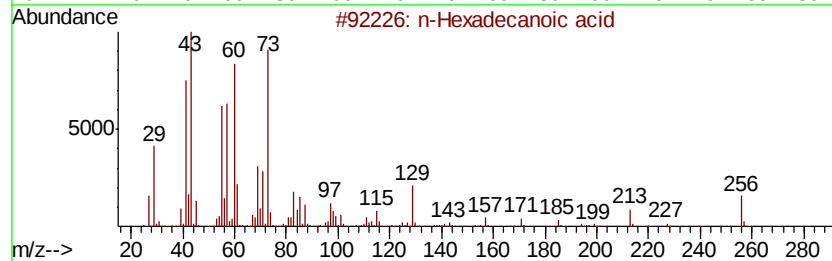
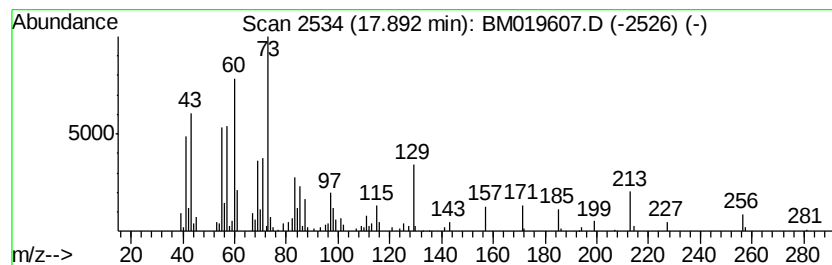
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	4.24 ng/ul	423171	Phenanthrene-d10		16.99	
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	97
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
4	Tridecanoic acid		214	C13H26O2	000638-53-9	72
5	Pentadecanoic acid		242	C15H30O2	001002-84-2	64



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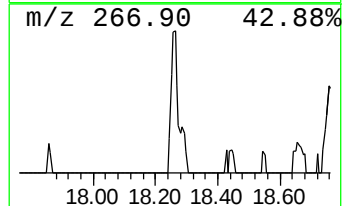
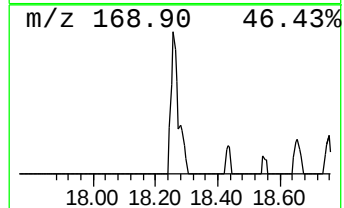
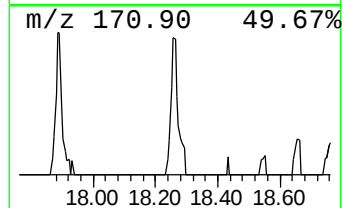
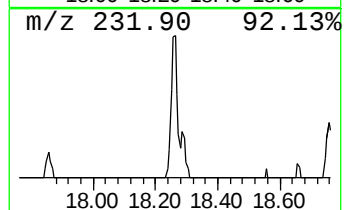
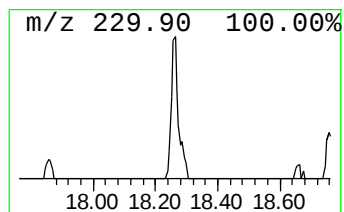
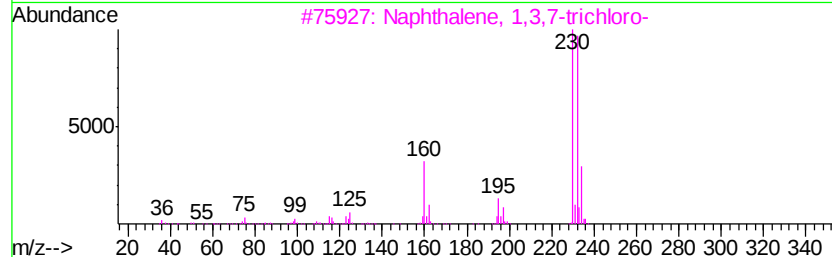
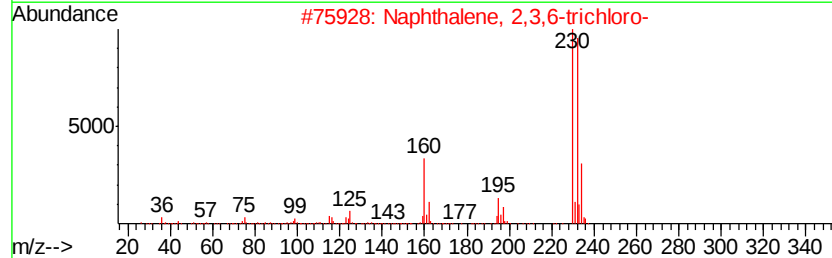
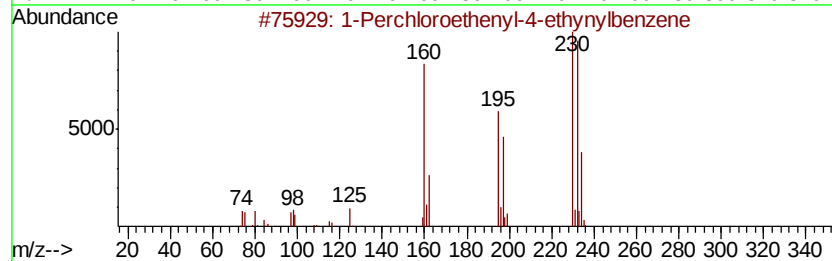
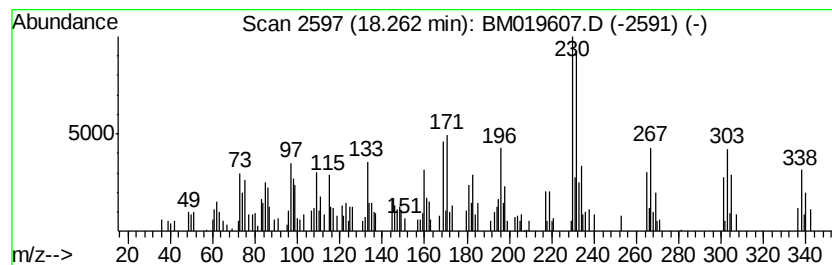
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.26	2.34 ng/ul	233152	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Perchloroethenyl-4-ethynylbenzene	230	C10H5Cl3	1000283-76-9	42
2		Naphthalene, 2,3,6-trichloro-	230	C10H5Cl3	055720-40-6	42
3		Naphthalene, 1,3,7-trichloro-	230	C10H5Cl3	055720-37-1	38
4		2,4,5,6-Tetrachloro-pyridin-3-yl...	230	C5H2Cl4N2	1000277-70-7	30
5		Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	30



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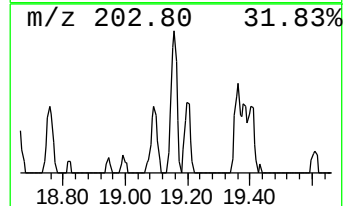
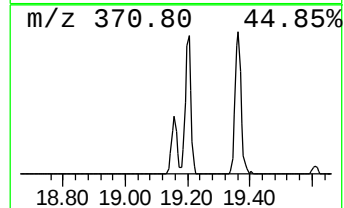
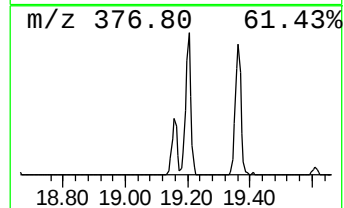
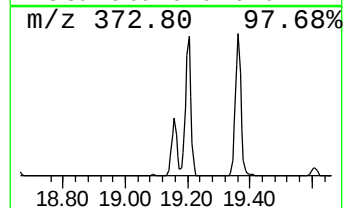
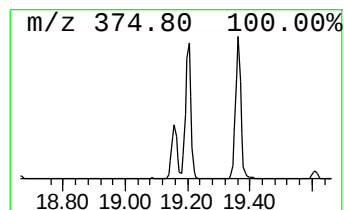
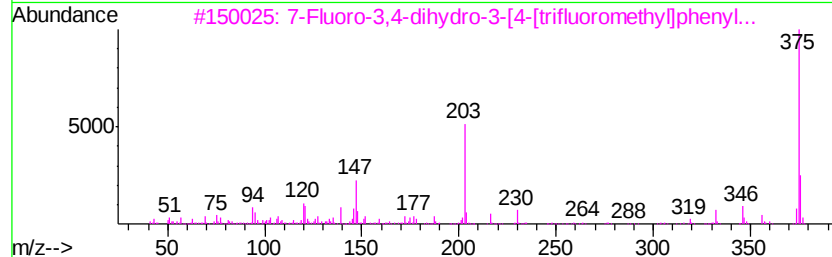
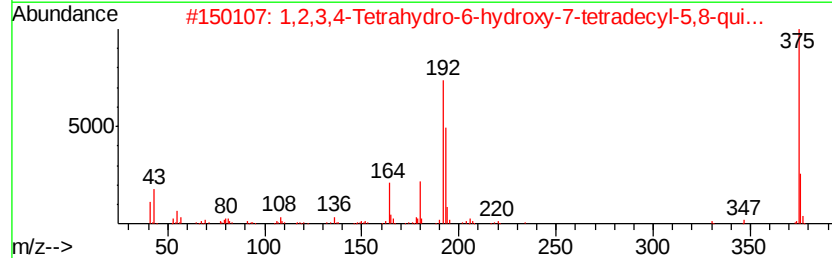
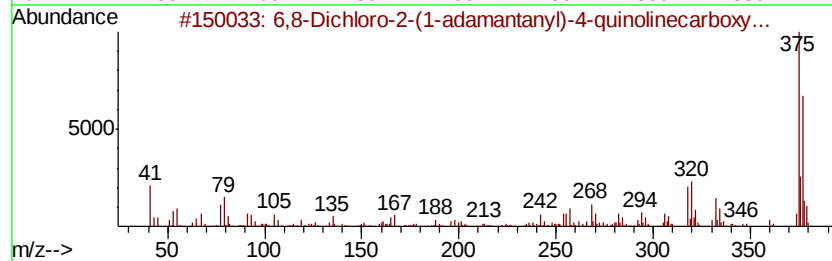
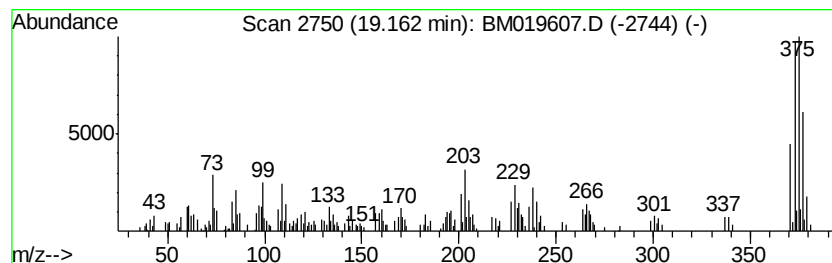
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.56 ng/ul	369763	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,8-Dichloro-2-(1-adamantanyl)-4...	375	C20H19Cl2N02	049647-91-8	25		
2	1,2,3,4-Tetrahydro-6-hydroxy-7-t...	375	C23H37N03	035089-13-5	14		
3	7-Fluoro-3,4-dihydro-3-[4-[trifl...	375	C20H13F4N02	144155-10-2	14		
4	1,3,5,7,9-Pentaethyl-1-chlorocyc...	404	C10H29Cl05Si5	073420-28-7	13		
5	3,9,11-Trichlorobenz[c]acridine-...	375	C18H8Cl3N02	034623-46-6	12		



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Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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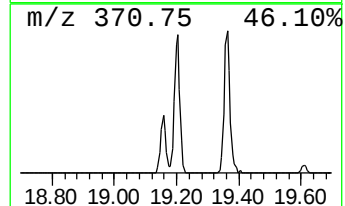
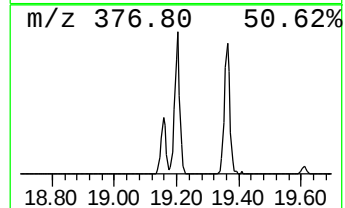
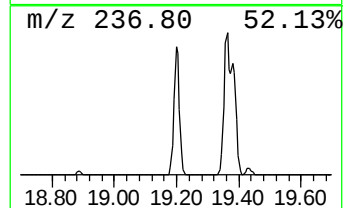
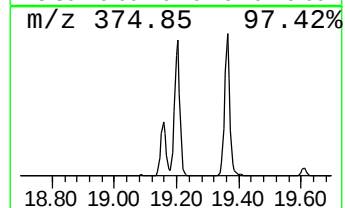
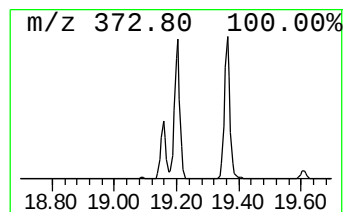
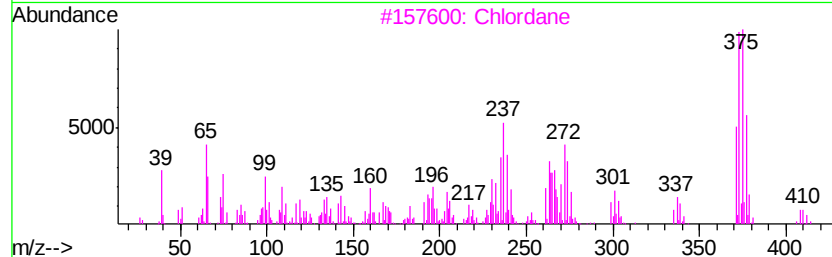
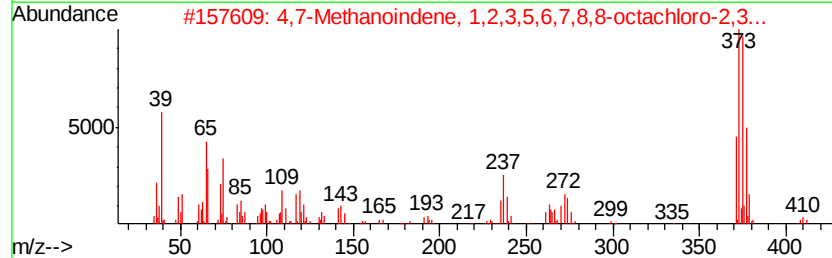
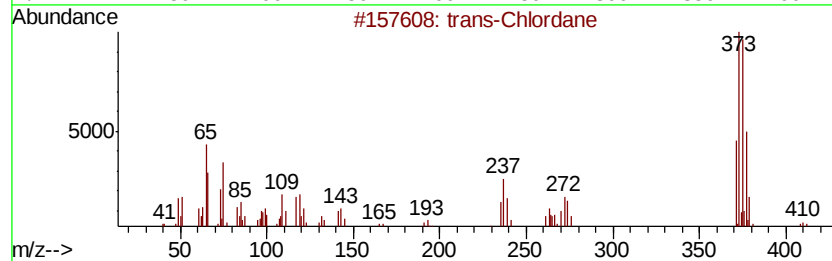
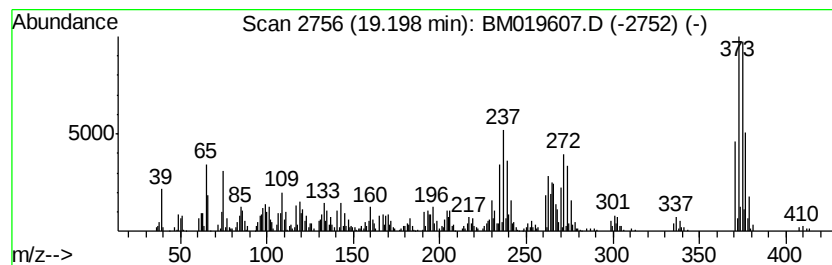
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 trans-Chlordane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	7.09 ng/ul	1023820	Chrysene-d12	21.20

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Chlordane		406	C10H6Cl8	005103-74-2	99
2	4,7-Methanoindene, 1,2,3,5,6,7,8...		406	C10H6Cl8	1000017-10-9	99
3	Chlordane		406	C10H6Cl8	000057-74-9	91
4	cis-Chlordane		406	C10H6Cl8	005103-71-9	90
5	Chlordane		406	C10H6Cl8	000057-74-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
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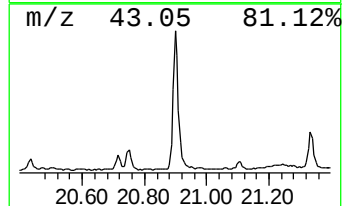
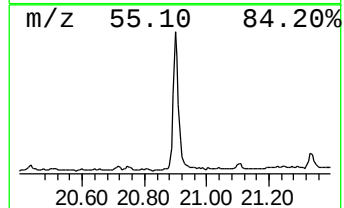
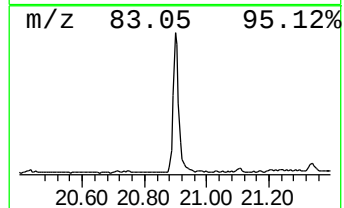
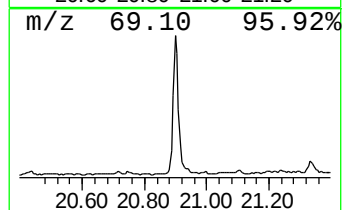
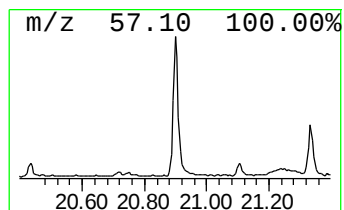
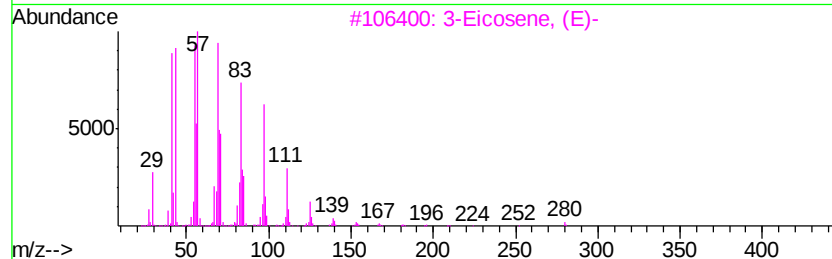
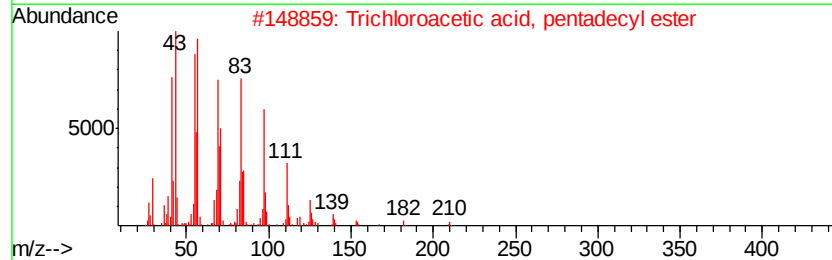
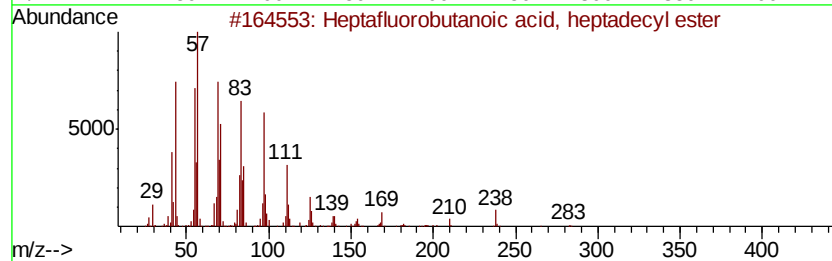
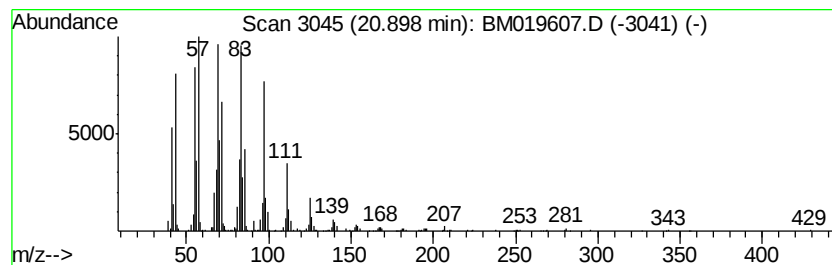
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Heptafluorobutanoic acid, h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.11 ng/ul	882643	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
Operator : JU/SJ
Sample : K2122-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

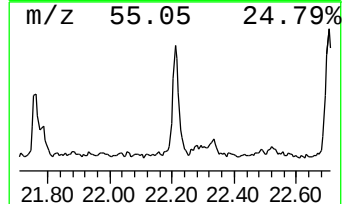
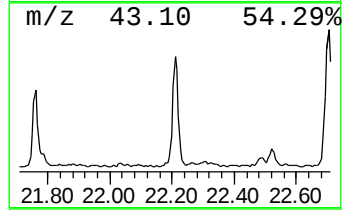
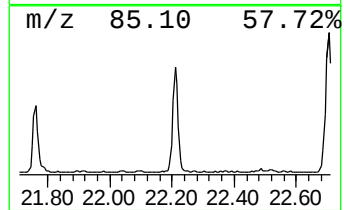
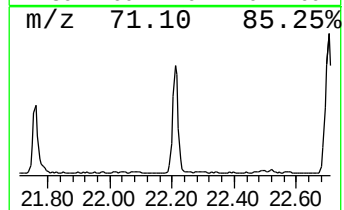
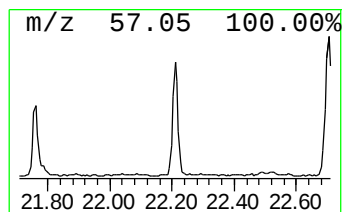
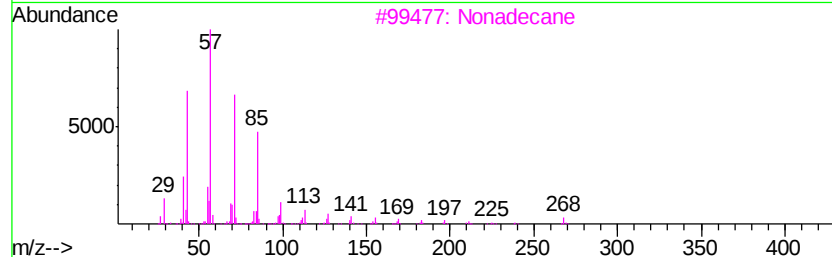
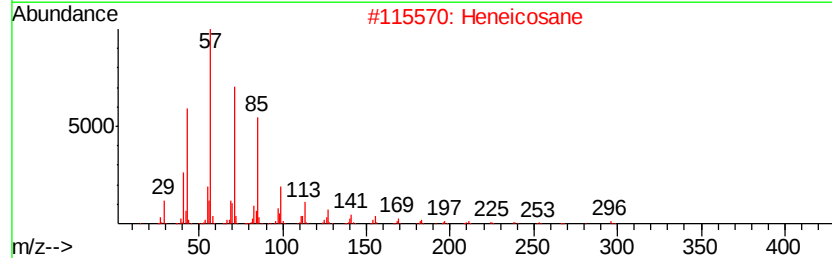
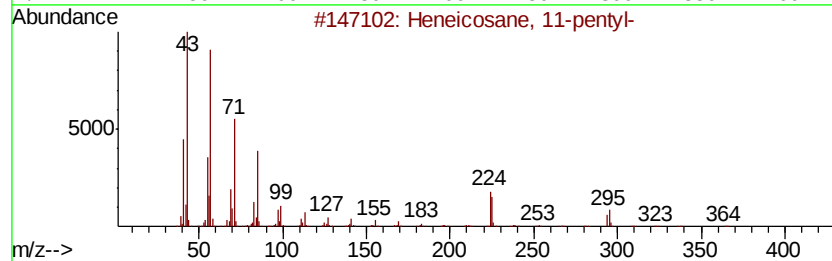
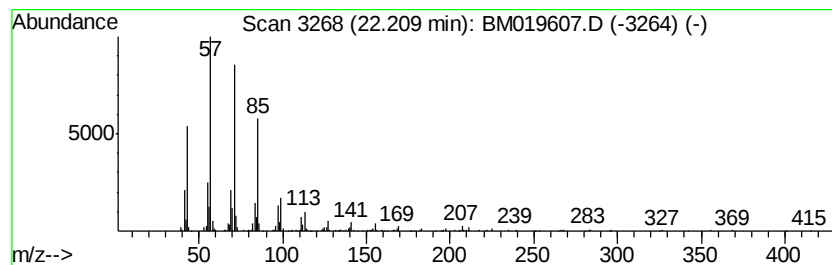
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.21	3.09 ng/ul	445625	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
Data File : BM019607.D
Acq On : 30 Mar 2019 07:43
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Instrument :
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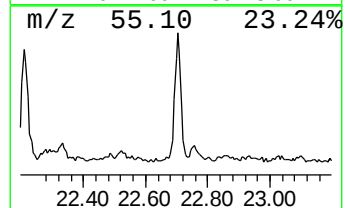
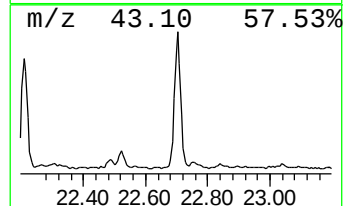
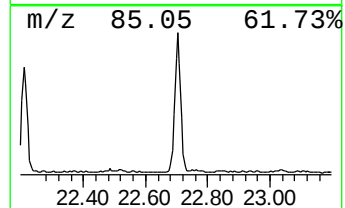
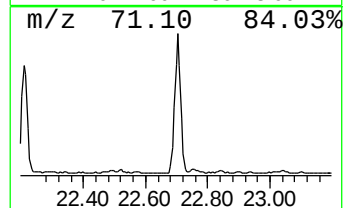
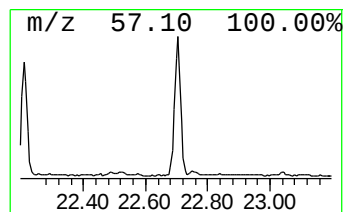
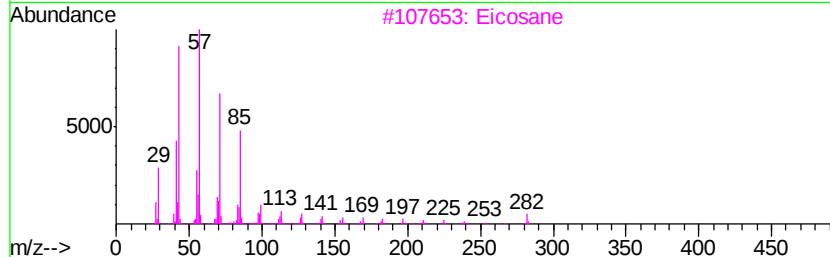
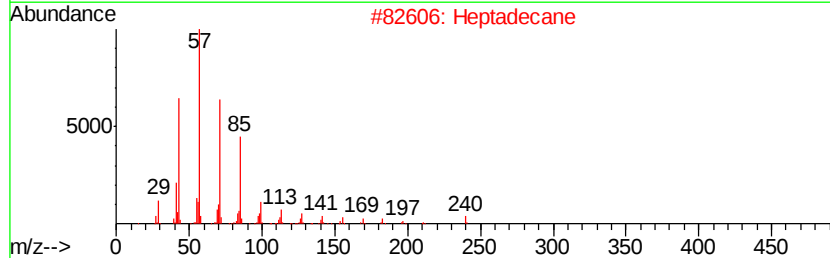
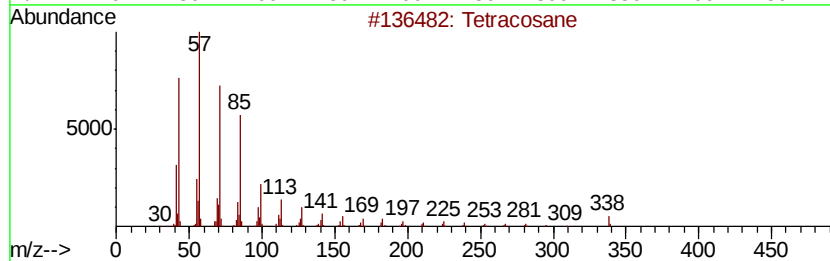
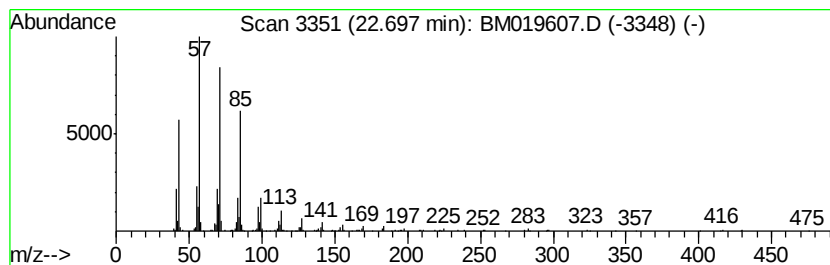
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.37 ng/ul	554299	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Eicosane	282	C20H42	000112-95-8	86
4		Heptacosane	380	C27H56	000593-49-7	81
5		Heneicosane	296	C21H44	000629-94-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
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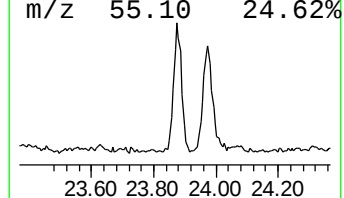
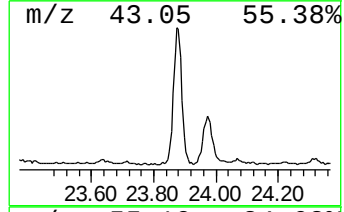
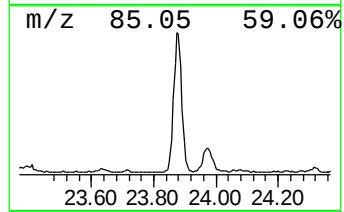
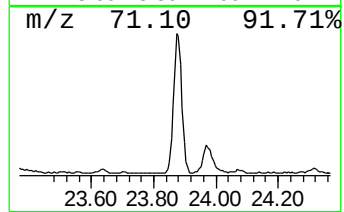
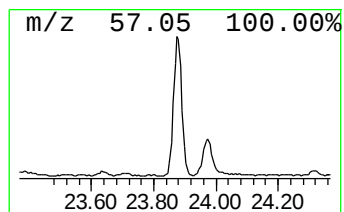
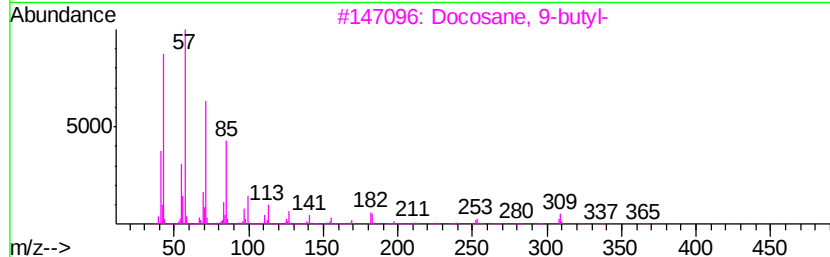
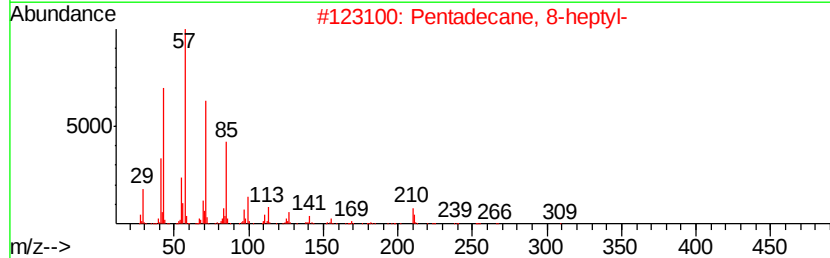
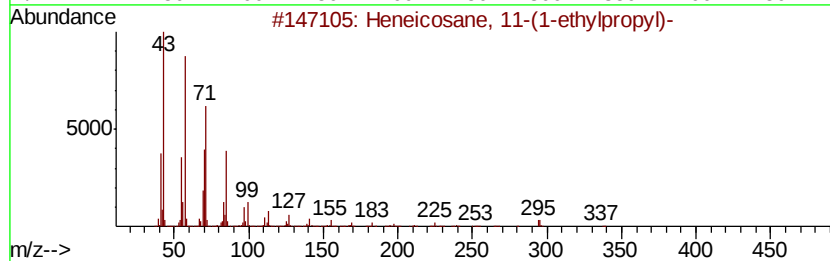
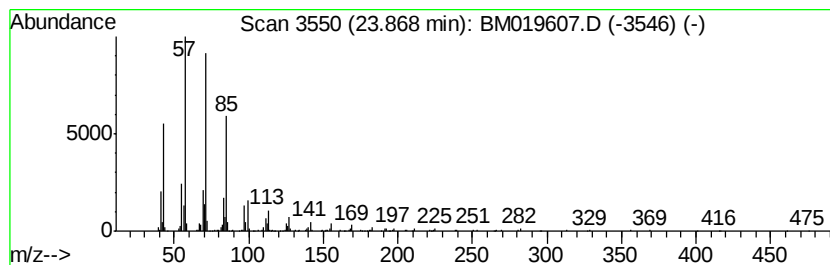
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	4.41 ng/ul	724648	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
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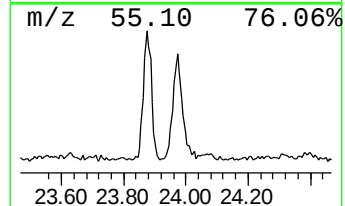
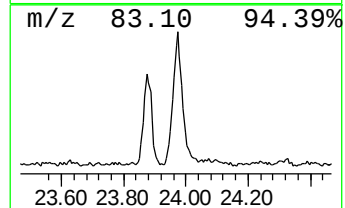
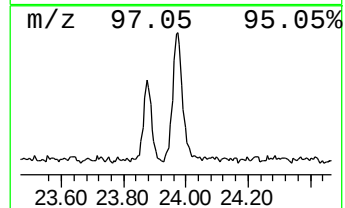
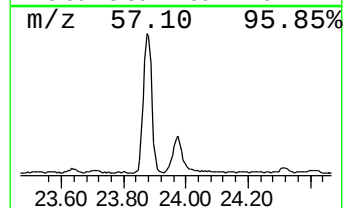
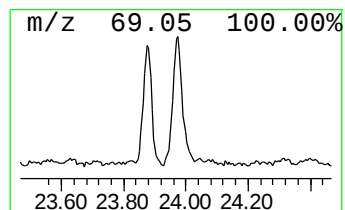
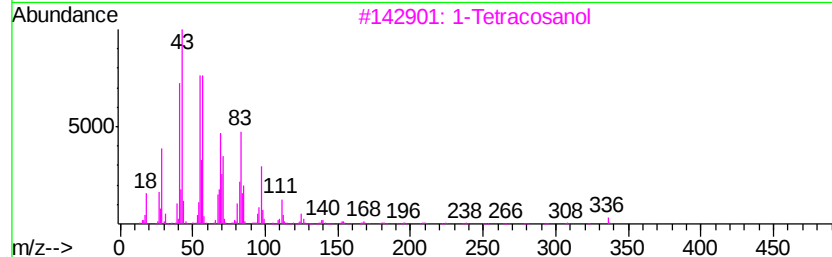
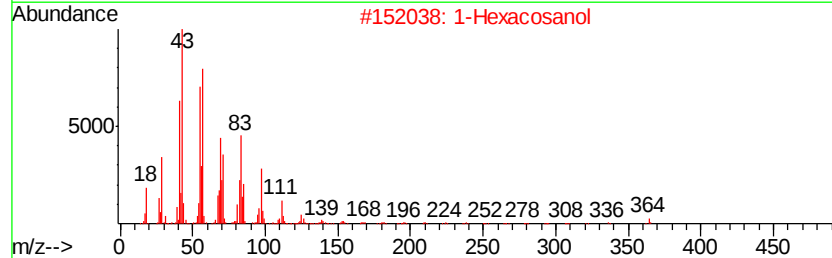
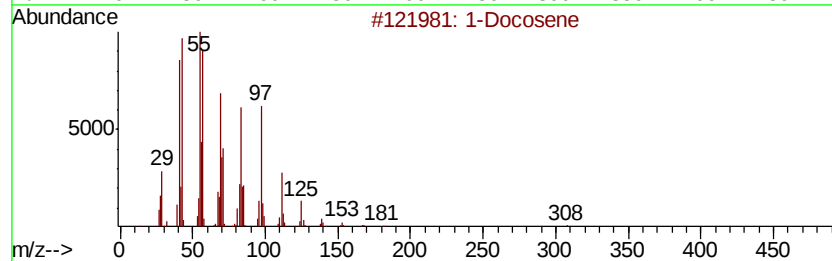
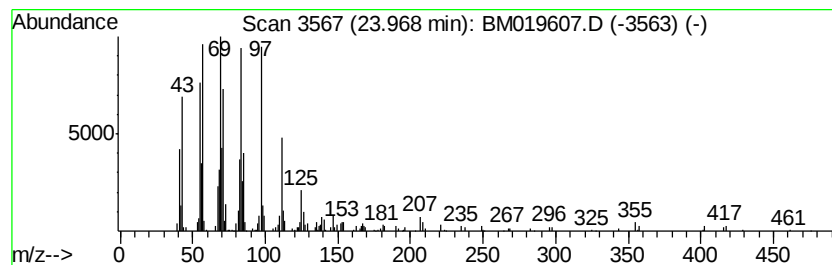
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Cyclic23.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	2.60 ng/ul	427329	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	76
2		1-Hexacosanol	382	C26H54O	000506-52-5	72
3		1-Tetracosanol	354	C24H50O	000506-51-4	72
4		Cyclotetracosane	336	C24H48	000297-03-0	72
5		1-Heptadecene	238	C17H34	006765-39-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
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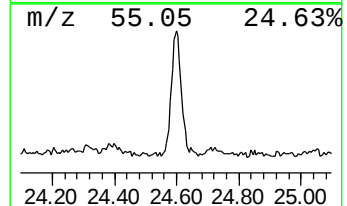
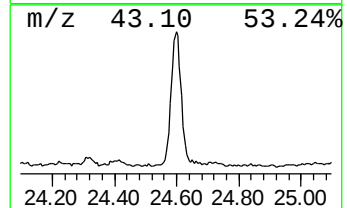
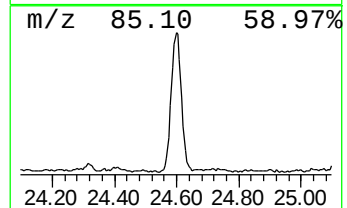
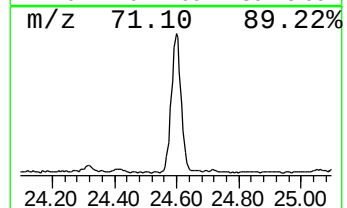
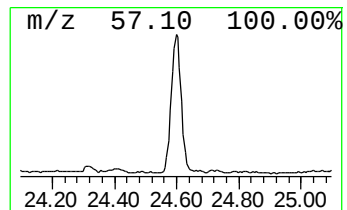
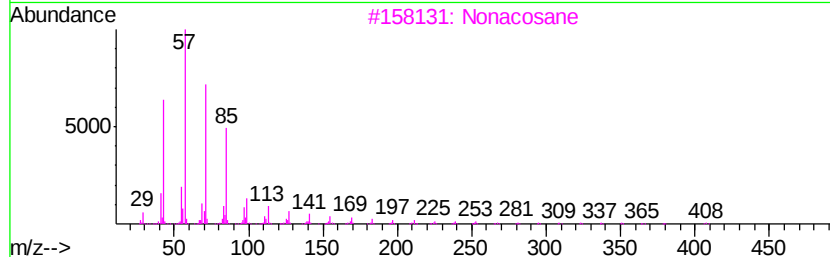
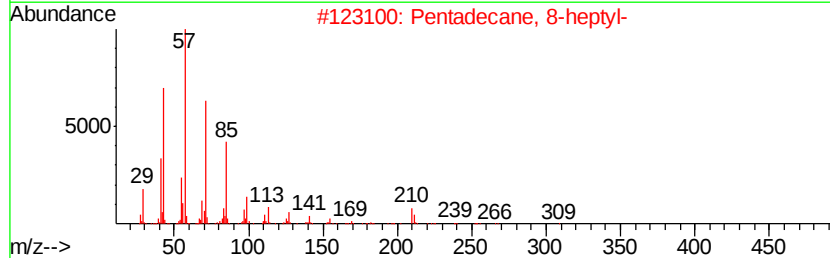
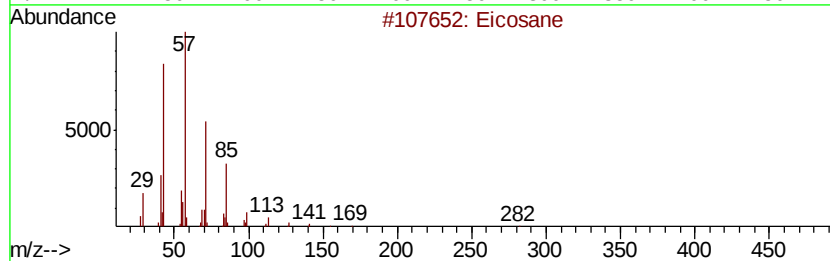
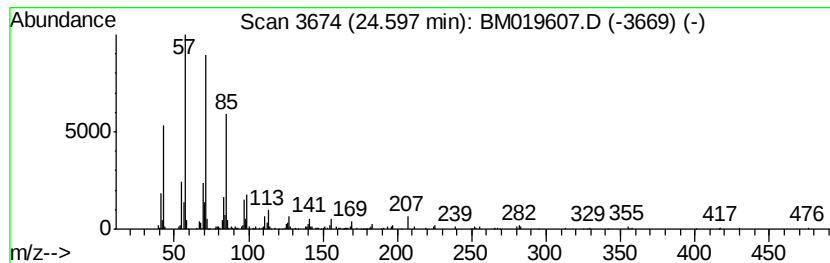
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.40 ng/ul	559149	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	92
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019607.D
 Acq On : 30 Mar 2019 07:43
 Operator : JU/SJ
 Sample : K2122-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5B9

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	4.2	ng/ul	423171	4	16.99	1993780	20.0
unknown-01	18.26	2.3	ng/ul	233152	4	16.99	1993780	20.0
unknown-02	19.16	2.6	ng/ul	369763	5	21.20	2887100	20.0
trans-Chlordane	19.20	7.1	ng/ul	1023820	5	21.20	2887100	20.0
Heptafluorobutano...	20.90	6.1	ng/ul	882643	5	21.20	2887100	20.0
(DEL) Alkane: Str...	22.21	3.1	ng/ul	445625	5	21.20	2887100	20.0
(DEL) Alkane: Str...	22.70	3.4	ng/ul	554299	6	23.40	3289250	20.0
(DEL) Alkane: Str...	23.87	4.4	ng/ul	724648	6	23.40	3289250	20.0
(DEL) Alkane: Cyc...	23.97	2.6	ng/ul	427329	6	23.40	3289250	20.0
(DEL) Alkane: Str...	24.60	3.4	ng/ul	559149	6	23.40	3289250	20.0