

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025769.D
 Acq On : 25 Mar 2020 15:56
 Operator : CG/JU
 Sample : L1938-07
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB725

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-BM031420MA.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	3.140	40	43	55	rVB	49491	77576	1.47%	0.107%
2	3.846	159	163	169	rVB	95148	130893	2.48%	0.180%
3	4.063	196	200	205	rVB3	22554	31106	0.59%	0.043%
4	4.199	219	223	229	rBV6	16221	28576	0.54%	0.039%
5	4.740	310	315	322	rBV	25584	45126	0.86%	0.062%
6	5.663	470	472	478	rVB4	19843	26537	0.50%	0.037%
7	6.751	646	657	670	rVB	860906	1326475	25.15%	1.827%
8	6.916	679	685	692	rBV	605177	949322	18.00%	1.307%
9	7.104	711	717	729	rVB	877155	1347718	25.55%	1.856%
10	7.569	790	796	803	rBV	728345	1113516	21.11%	1.533%
11	8.275	909	916	925	rBV	1057226	1615898	30.63%	2.225%
12	8.710	981	990	1000	rBV	809575	1284911	24.36%	1.769%
13	8.892	1014	1021	1030	rBV2	69465	105996	2.01%	0.146%
14	9.187	1066	1071	1076	rVB	71322	103832	1.97%	0.143%
15	9.428	1104	1112	1121	rBV	648527	1038796	19.69%	1.430%
16	9.963	1195	1203	1211	rBV	1038245	1716360	32.54%	2.364%
17	10.334	1258	1266	1272	rBV	1021620	1638738	31.07%	2.257%
18	10.381	1272	1274	1281	rVB	31201	42534	0.81%	0.059%
19	10.469	1281	1289	1304	rBV	985303	1702698	32.28%	2.345%
20	11.928	1529	1537	1543	rBV2	22800	38584	0.73%	0.053%
21	12.004	1545	1550	1555	rBV	22924	34093	0.65%	0.047%
22	13.057	1722	1729	1733	rBV4	15779	29019	0.55%	0.040%
23	13.622	1820	1825	1830	rVV	1809667	2482446	47.06%	3.418%
24	13.669	1830	1833	1840	rVV	125962	180082	3.41%	0.248%
25	13.892	1864	1871	1883	rVB	2167389	3187665	60.43%	4.390%
26	14.204	1918	1924	1931	rBV	1525311	2218996	42.07%	3.056%
27	14.269	1931	1935	1939	rVB2	32822	45951	0.87%	0.063%
28	14.410	1954	1959	1973	rBV	792130	1172904	22.24%	1.615%
29	14.604	1987	1992	1996	rBV3	23065	37486	0.71%	0.052%
30	15.204	2088	2094	2100	rBV	2787806	3858784	73.15%	5.314%
31	15.257	2100	2103	2109	rVB2	44730	64640	1.23%	0.089%
32	15.327	2109	2115	2123	rBV	792188	1073619	20.35%	1.478%
33	15.445	2128	2135	2139	rVV2	30411	50913	0.97%	0.070%
34	15.704	2174	2179	2185	rVV4	14505	30213	0.57%	0.042%

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35	15.804	2191	2196	2202	rVB6	30036	40998	0.78%	0.056%
36	15.957	2219	2222	2225	rVV2	22556	33563	0.64%	0.046%
37	15.992	2225	2228	2233	rVV4	24752	31612	0.60%	0.044%
38	16.610	2329	2333	2341	rVB2	28367	59130	1.12%	0.081%
39	16.692	2341	2347	2353	rBV6	16743	44804	0.85%	0.062%
40	16.757	2353	2358	2359	rBV4	23163	32228	0.61%	0.044%
41	16.951	2386	2391	2395	rVV	1908778	2594393	49.18%	3.573%
42	16.992	2395	2398	2403	rVV	533125	710577	13.47%	0.979%
43	17.051	2403	2408	2420	rVB	2968818	4101766	77.76%	5.648%
44	17.151	2420	2425	2431	rBV6	13624	25575	0.48%	0.035%
45	17.357	2455	2460	2465	rBV	40054	63496	1.20%	0.087%
46	17.486	2478	2482	2487	rBV2	23465	30643	0.58%	0.042%
47	17.533	2487	2490	2495	rVB4	17060	24442	0.46%	0.034%
48	17.827	2536	2540	2544	rVV	90868	128655	2.44%	0.177%
49	17.874	2544	2548	2553	rVV	146777	184750	3.50%	0.254%
50	17.945	2555	2560	2566	rVV2	44775	88500	1.68%	0.122%
51	18.015	2566	2572	2577	rVV3	124131	233094	4.42%	0.321%
52	18.057	2577	2579	2584	rVB2	62301	76838	1.46%	0.106%
53	18.180	2595	2600	2605	rVB5	44452	57999	1.10%	0.080%
54	18.333	2621	2626	2630	rVV	76494	120252	2.28%	0.166%
55	18.368	2630	2632	2638	rVB3	33166	43536	0.83%	0.060%
56	18.586	2665	2669	2672	rVV5	33335	44264	0.84%	0.061%
57	18.633	2674	2677	2681	rVV	37509	51401	0.97%	0.071%
58	18.674	2681	2684	2687	rVV2	32013	37464	0.71%	0.052%
59	18.751	2691	2697	2703	rBV2	106041	192065	3.64%	0.264%
60	18.815	2704	2708	2712	rVV2	67579	116183	2.20%	0.160%
61	18.845	2712	2713	2717	rVV	31882	28424	0.54%	0.039%
62	18.892	2717	2721	2730	rVV2	65046	120052	2.28%	0.165%
63	19.015	2737	2742	2749	rVB	1225111	1624772	30.80%	2.237%
64	19.086	2751	2754	2757	rBV2	30187	38353	0.73%	0.053%
65	19.351	2793	2799	2802	rBV	3847708	5274806	100.00%	7.264%
66	19.380	2802	2804	2812	rVV	1100965	1223722	23.20%	1.685%
67	19.456	2812	2817	2824	rVB3	48871	105349	2.00%	0.145%
68	19.562	2831	2835	2842	rBV	68290	100962	1.91%	0.139%
69	19.715	2854	2861	2867	rBV3	88277	226946	4.30%	0.313%
70	19.804	2872	2876	2878	rBV4	22738	28705	0.54%	0.040%
71	19.845	2879	2883	2885	rBV2	68622	101697	1.93%	0.140%

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72	19.880	2885	2889	2895	rVB	160316	240998	4.57%	0.332%
73	19.939	2896	2899	2902	rBV	60166	66741	1.27%	0.092%
74	19.980	2903	2906	2910	rVV2	101055	110073	2.09%	0.152%
75	20.033	2911	2915	2920	rBV2	125622	184621	3.50%	0.254%
76	20.174	2936	2939	2943	rVB	70514	74698	1.42%	0.103%
77	20.221	2943	2947	2952	rBV2	67792	103594	1.96%	0.143%
78	20.439	2980	2984	2987	rBV2	74741	105917	2.01%	0.146%
79	20.627	3013	3016	3023	rVB	90258	136667	2.59%	0.188%
80	20.792	3040	3044	3048	rVB2	93266	128333	2.43%	0.177%
81	20.833	3048	3051	3054	rBV	99371	105109	1.99%	0.145%
82	20.886	3054	3060	3071	rBV4	861388	1392496	26.40%	1.918%
83	21.145	3097	3104	3108	rBV2	2714758	4161821	78.90%	5.731%
84	21.180	3108	3110	3121	rVB	657192	804725	15.26%	1.108%
85	21.298	3127	3130	3133	rBV	91319	109954	2.08%	0.151%
86	21.333	3133	3136	3140	rVV	176670	197625	3.75%	0.272%
87	21.762	3205	3209	3217	rVB2	403867	545859	10.35%	0.752%
88	22.203	3281	3284	3292	rVB	289930	364648	6.91%	0.502%
89	22.421	3317	3321	3326	rVB2	310652	374317	7.10%	0.515%
90	22.662	3356	3362	3364	rBV	671984	1179199	22.36%	1.624%
91	22.692	3364	3367	3370	rVV	817445	1341958	25.44%	1.848%
92	22.727	3370	3373	3384	rVB3	521491	839690	15.92%	1.156%
93	23.115	3434	3439	3442	rBV	315054	563452	10.68%	0.776%
94	23.162	3442	3447	3452	rVV	2953508	5106496	96.81%	7.032%
95	23.203	3452	3454	3463	rVB2	512628	1147030	21.75%	1.580%
96	23.297	3464	3470	3475	rBV	1799965	3165199	60.01%	4.359%
97	23.844	3558	3563	3569	rVB2	532879	934093	17.71%	1.286%
98	23.915	3570	3575	3582	rVB2	363636	672071	12.74%	0.925%
99	24.539	3675	3681	3693	rVB	319159	938333	17.79%	1.292%
100	25.374	3817	3823	3826	rBV2	284636	649247	12.31%	0.894%

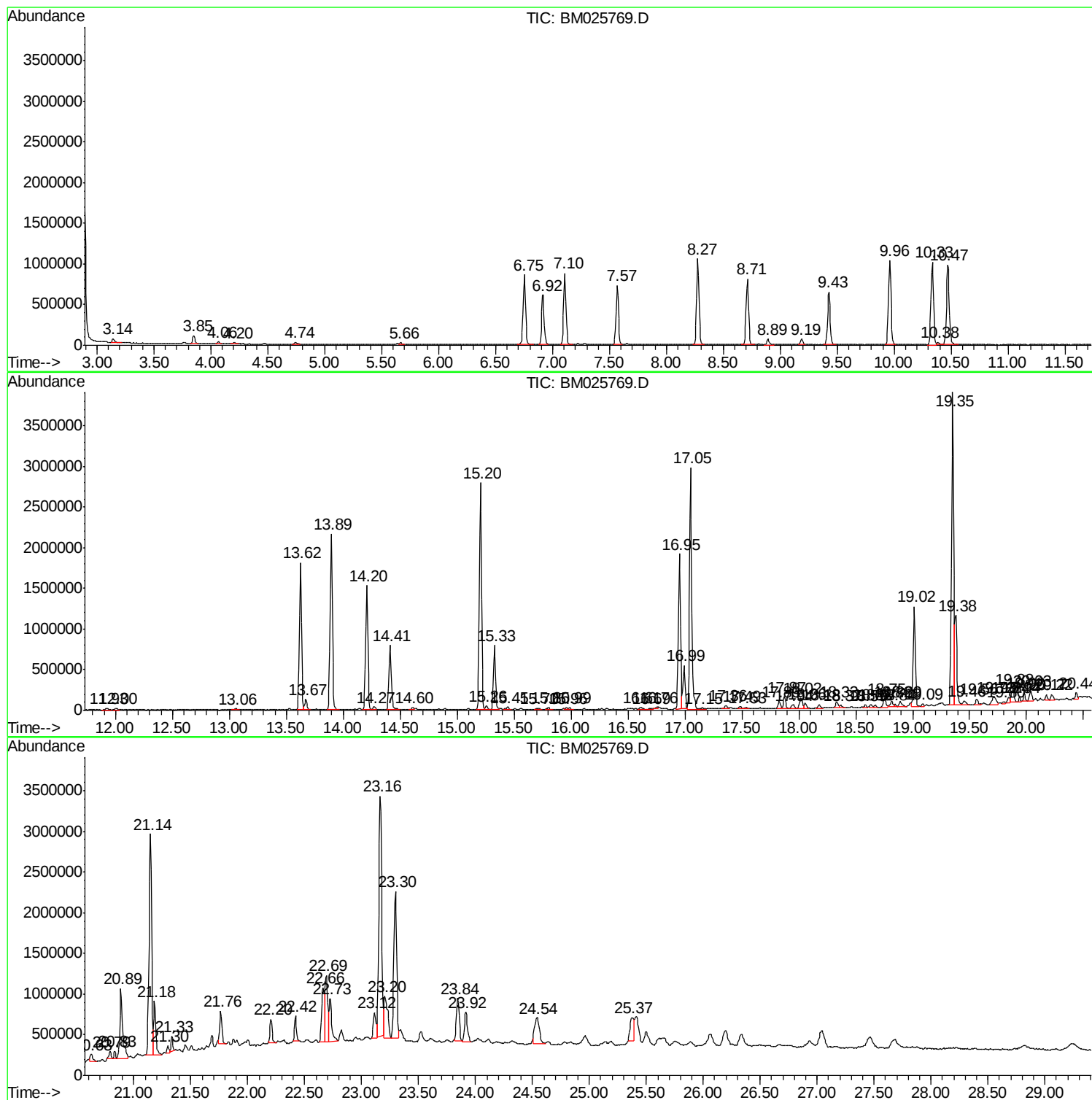
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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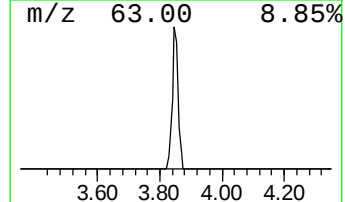
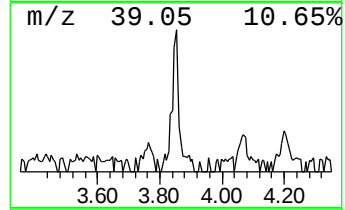
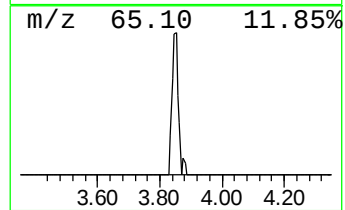
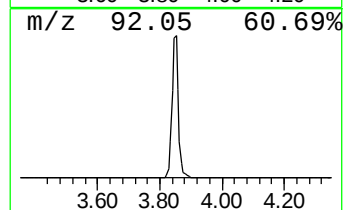
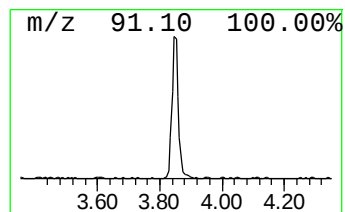
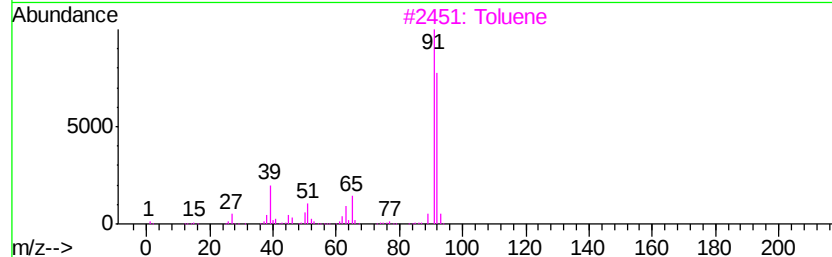
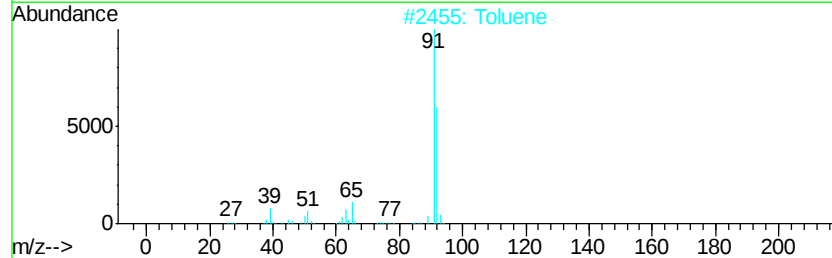
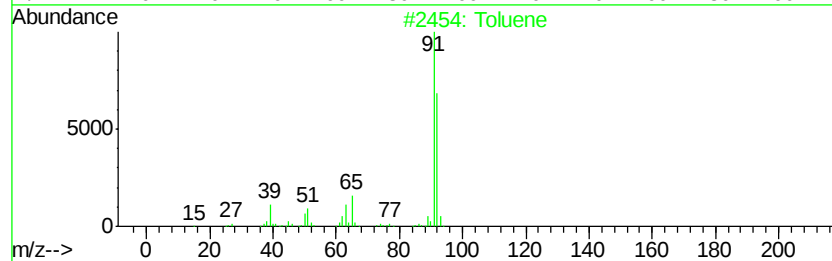
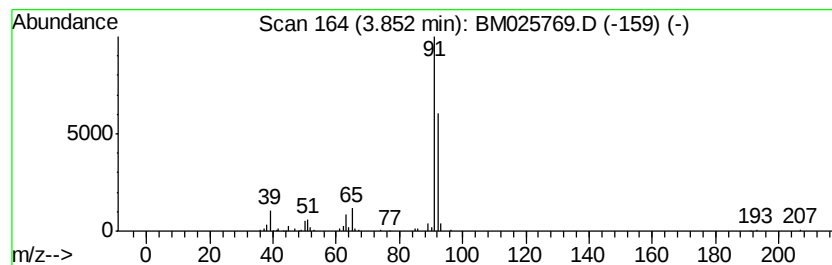
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	2.35 ng/ul	130893	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	94
3		Toluene	92	C7H8	000108-88-3	91
4		Toluene	92	C7H8	000108-88-3	91
5		Toluene	92	C7H8	000108-88-3	87



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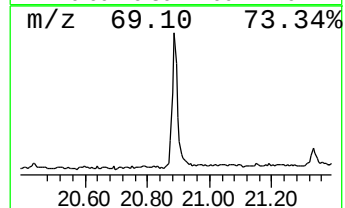
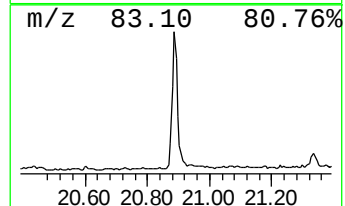
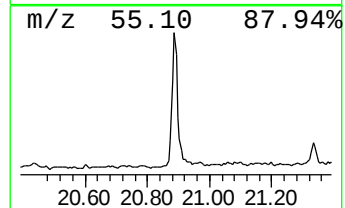
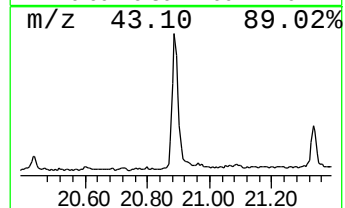
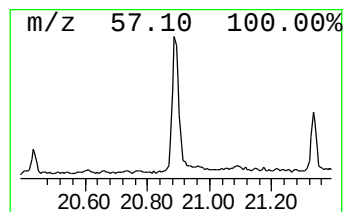
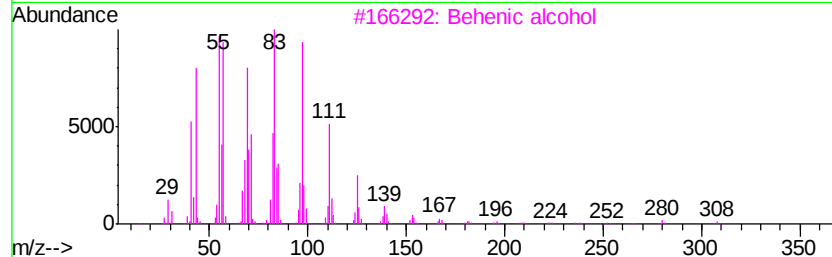
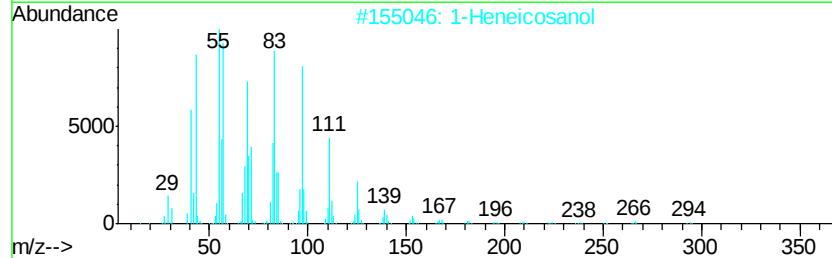
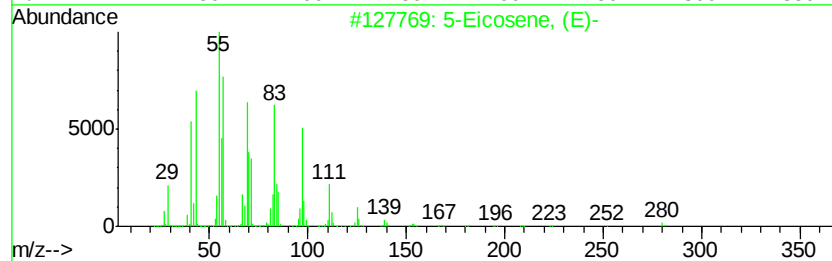
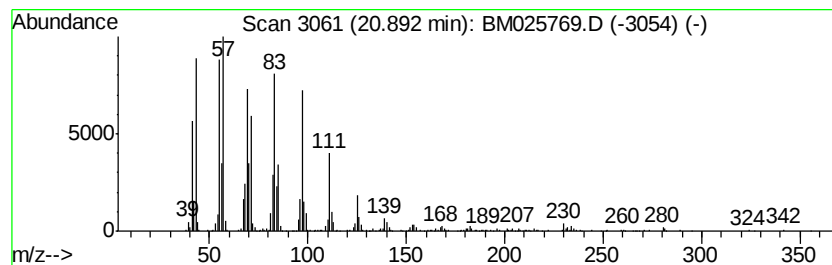
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.69 ng/ul	1392500	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



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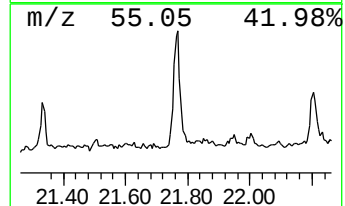
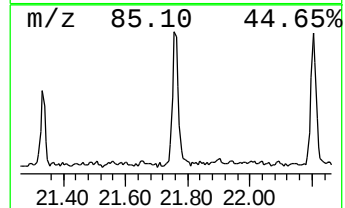
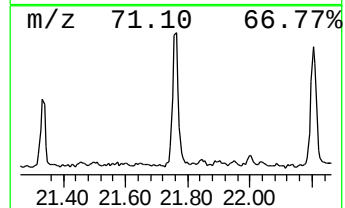
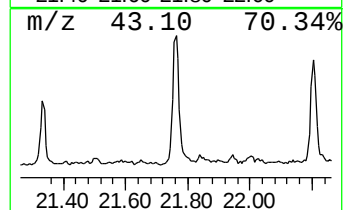
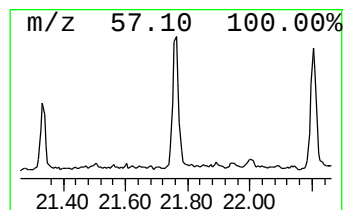
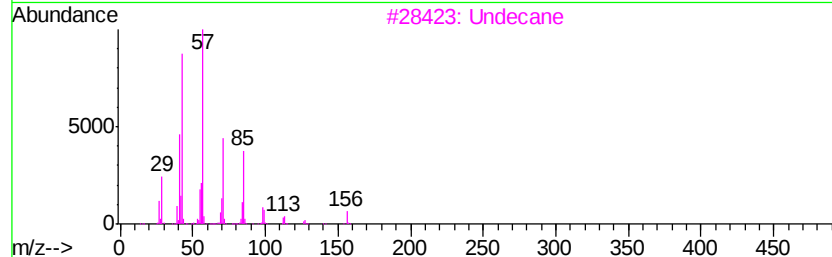
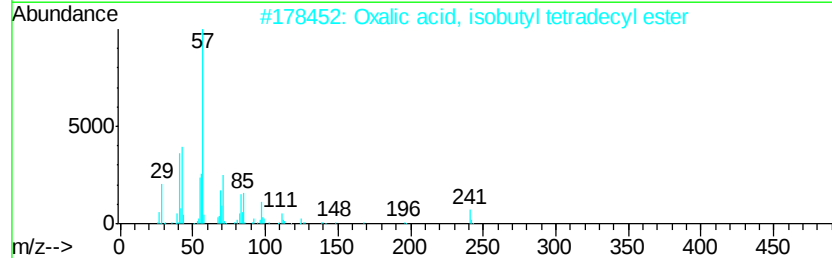
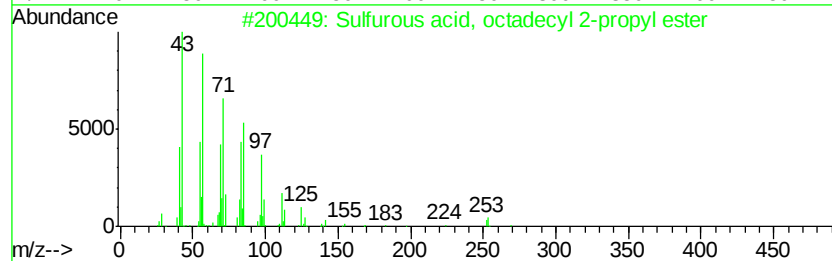
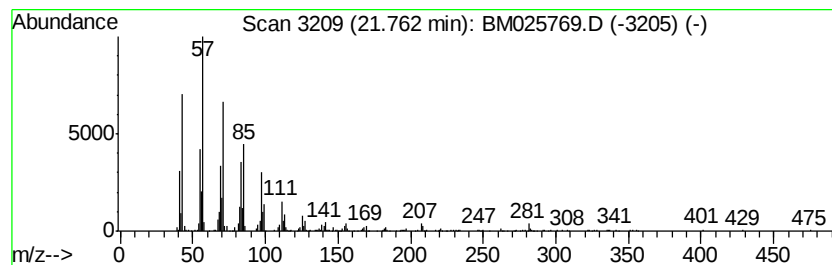
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Peak Number 3 Sulfurous acid, octadecyl 2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.62 ng/ul	545859	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83
3		Undecane	156	C11H24	001120-21-4	62
4		Heptadecane	240	C17H36	000629-78-7	62
5		Nonadecane	268	C19H40	000629-92-5	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
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Acq On : 25 Mar 2020 15:56
Operator : CG/JU
Sample : L1938-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

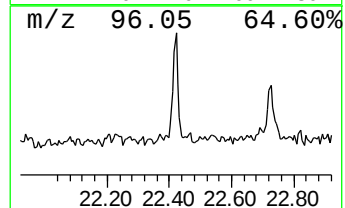
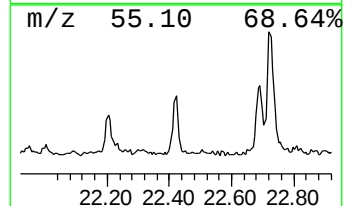
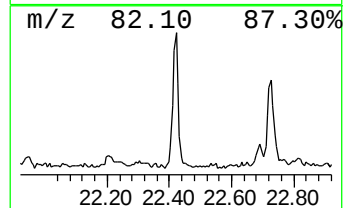
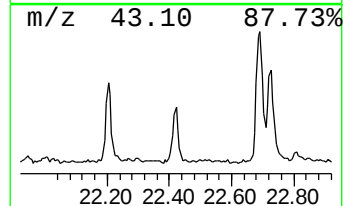
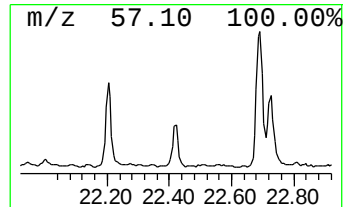
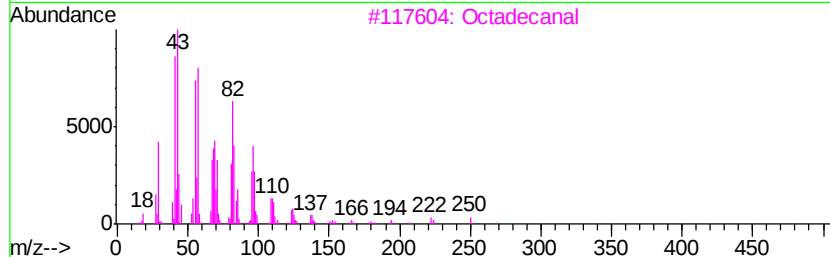
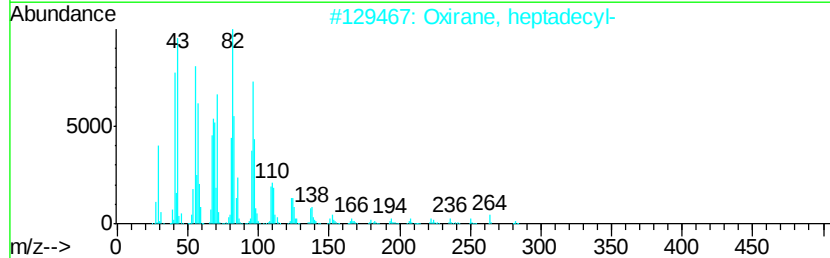
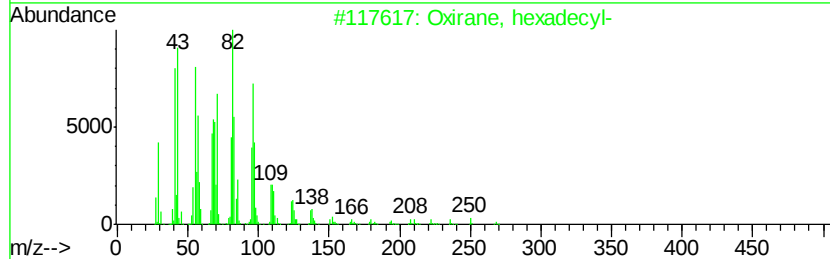
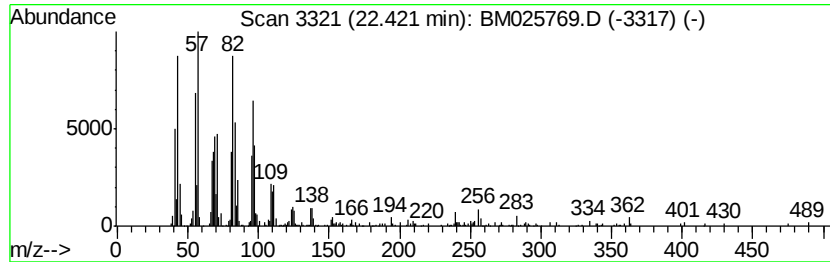
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.42	2.37 ng/ul	374317	Perylene-d12	23.30		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	90
2	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	90
3	Octadecanal		268	C18H36O	000638-66-4	90
4	Tetradecanal		212	C14H28O	000124-25-4	90
5	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025769.D
Acq On : 25 Mar 2020 15:56
Operator : CG/JU
Sample : L1938-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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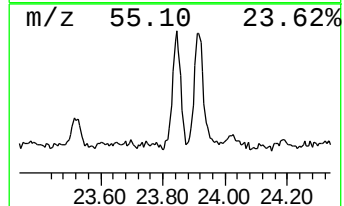
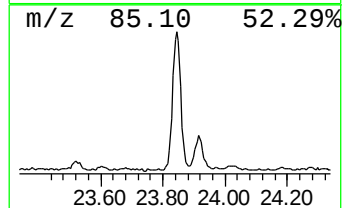
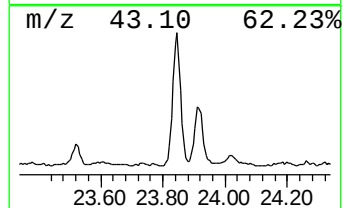
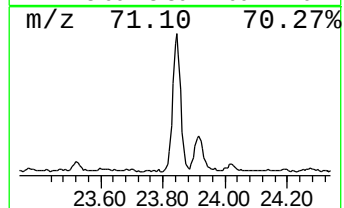
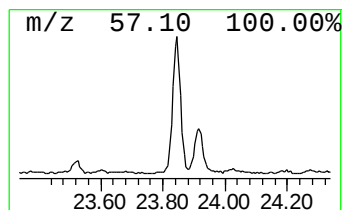
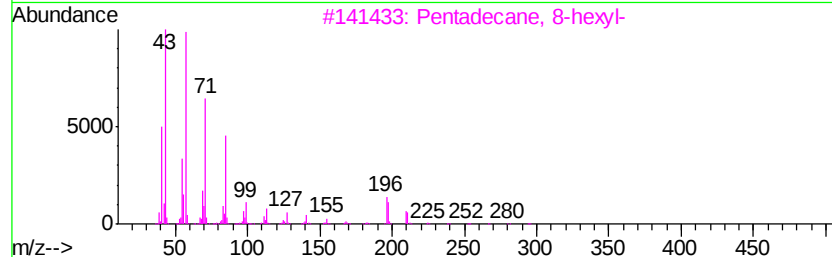
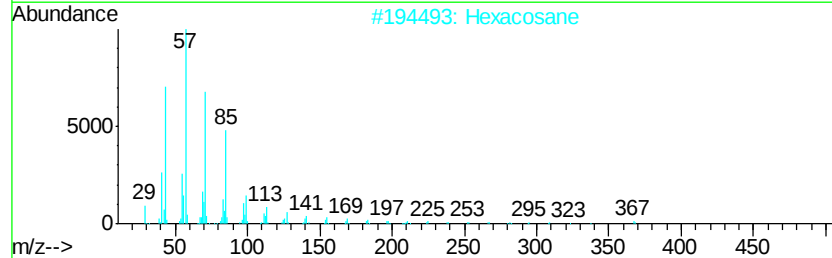
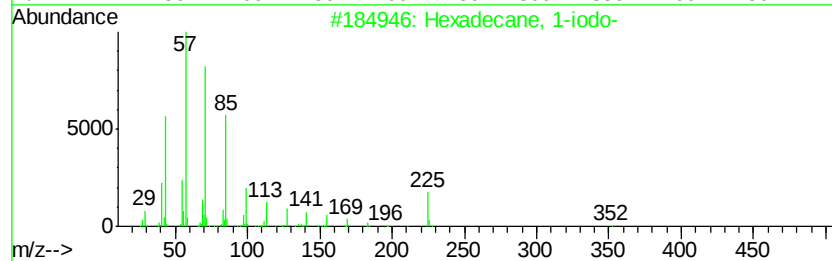
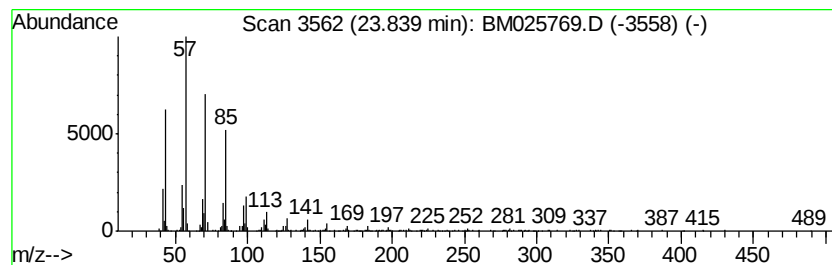
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	5.90 ng/ul	934093	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	94
2		Hexacosane	366	C26H54	000630-01-3	93
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025769.D
Acq On : 25 Mar 2020 15:56
Operator : CG/JU
Sample : L1938-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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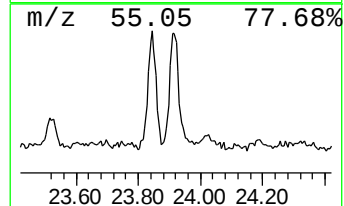
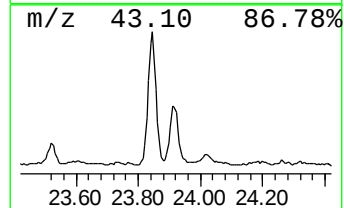
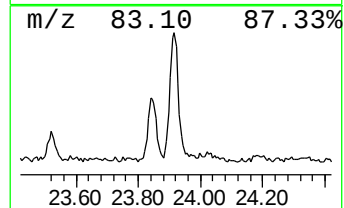
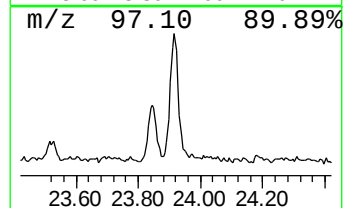
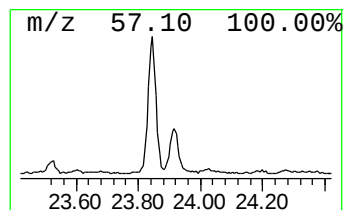
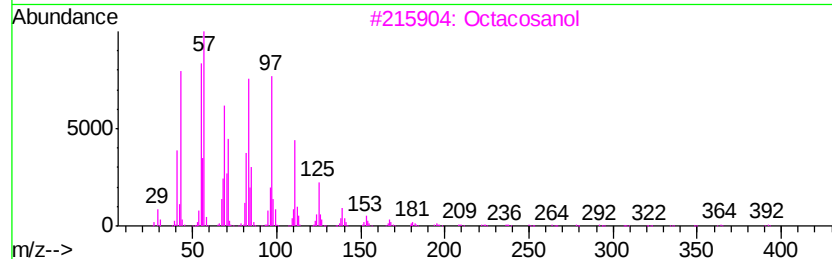
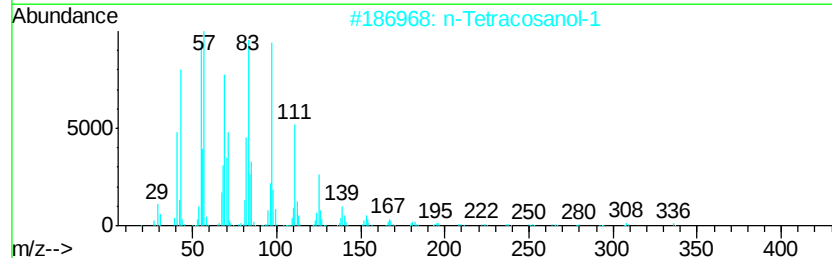
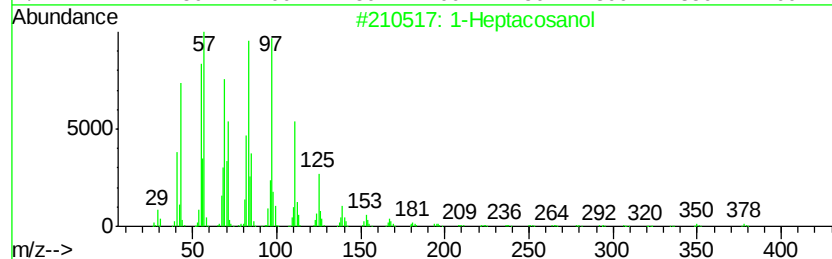
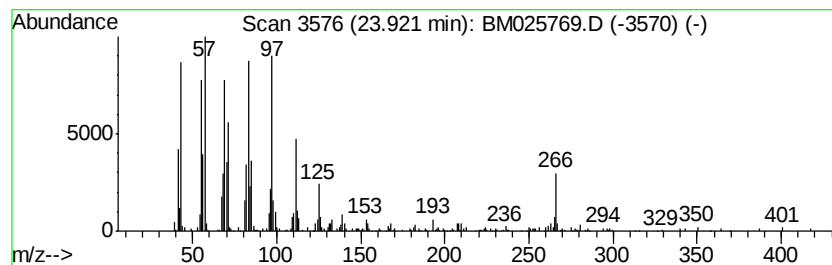
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.25 ng/ul	672071	Perylene-d12	23.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol		396	C27H56O	002004-39-9	93
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	93
3	Octacosanol		410	C28H58O	000557-61-9	93
4	1-Nonadecene		266	C19H38	018435-45-5	93
5	Octacosyl acetate		452	C30H60O2	018206-97-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025769.D
Acq On : 25 Mar 2020 15:56
Operator : CG/JU
Sample : L1938-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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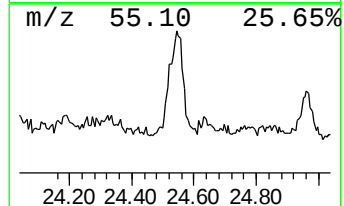
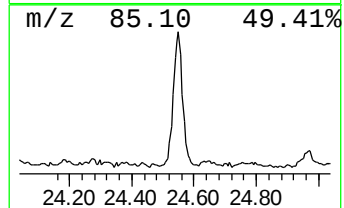
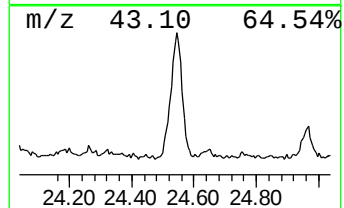
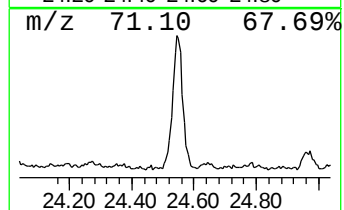
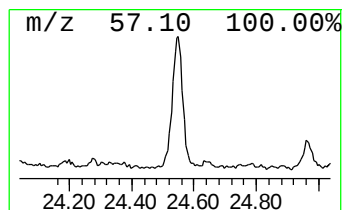
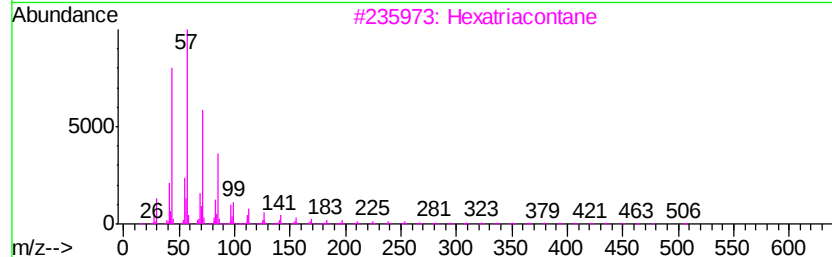
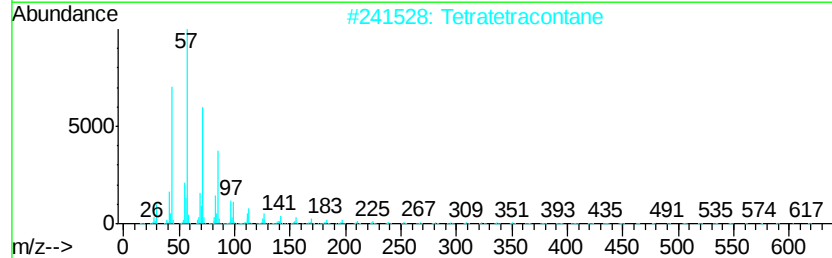
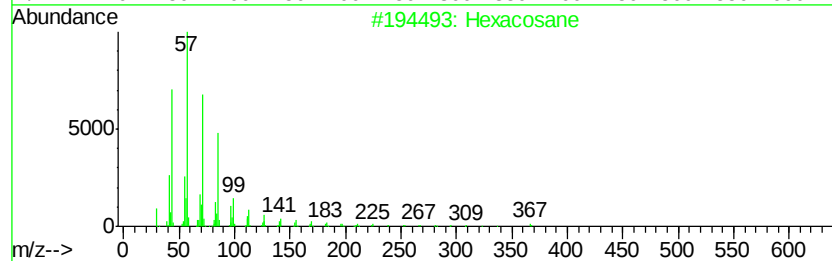
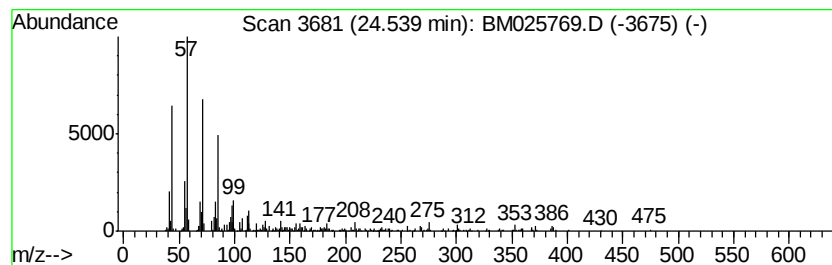
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	5.93 ng/ul	938333	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032320\
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Operator : CG/JU
Sample : L1938-07
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.85	2.4	ng/ul	130893	1	7.57	1113520	20.0
(DEL) Alkane: Str...	20.89	6.7	ng/ul	1392500	5	21.14	4161820	20.0
Sulfurous acid, o...	21.76	2.6	ng/ul	545859	5	21.14	4161820	20.0
Oxirane, hexadecyl-	22.42	2.4	ng/ul	374317	6	23.30	3165200	20.0
Hexadecane, 1-iodo-	23.84	5.9	ng/ul	934093	6	23.30	3165200	20.0
1-Heptacosanol	23.92	4.3	ng/ul	672071	6	23.30	3165200	20.0
(DEL) Alkane: Str...	24.54	5.9	ng/ul	938333	6	23.30	3165200	20.0