

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
 Data File : BM018162.D
 Acq On : 14 Dec 2018 11:13
 Operator : JU/SJ
 Sample : J6236-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9F17

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-BM121318MA.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	3.005	17	20	25	rVV6	3602	5285	0.19%	0.015%
2	3.105	34	37	43	rVB	23128	30431	1.10%	0.088%
3	3.387	81	85	89	rBV	9721	15656	0.57%	0.045%
4	3.510	105	106	113	rVB4	4986	4404	0.16%	0.013%
5	3.599	117	121	126	rBV	18524	25062	0.91%	0.072%
6	3.699	132	138	145	rVB	29251	48554	1.76%	0.140%
7	3.899	168	172	178	rVB	30196	46267	1.68%	0.134%
8	4.157	213	216	219	rBV3	5598	5921	0.21%	0.017%
9	4.199	221	223	230	rVB3	5445	8304	0.30%	0.024%
10	4.675	298	304	313	rBV	53157	94302	3.42%	0.273%
11	5.646	466	469	474	rBV3	3518	4231	0.15%	0.012%
12	5.940	512	519	525	rBV	36215	55769	2.02%	0.161%
13	6.634	633	637	641	rVB2	3220	4695	0.17%	0.014%
14	6.704	643	649	667	rVV2	398991	831519	30.19%	2.404%
15	6.863	670	676	688	rVV	361421	568786	20.65%	1.644%
16	7.045	701	707	717	rBV	451818	737444	26.77%	2.132%
17	7.504	779	785	795	rBV	576103	939186	34.10%	2.715%
18	7.575	795	797	803	rVB4	6503	8072	0.29%	0.023%
19	8.228	900	908	922	rBV	384888	689414	25.03%	1.993%
20	8.663	975	982	991	rBV	445658	736632	26.74%	2.130%
21	9.045	1040	1047	1052	rBV	20867	31340	1.14%	0.091%
22	9.375	1096	1103	1113	rBV	382967	645858	23.45%	1.867%
23	9.910	1187	1194	1212	rBV	493862	928938	33.73%	2.686%
24	10.275	1248	1256	1264	rBV	901265	1445422	52.48%	4.179%
25	10.433	1276	1283	1302	rBV	357226	743658	27.00%	2.150%
26	11.528	1465	1469	1475	rVB2	2764	5196	0.19%	0.015%
27	11.833	1515	1521	1526	rBV2	15650	31528	1.14%	0.091%
28	11.886	1526	1530	1538	rVB2	6530	13284	0.48%	0.038%
29	12.498	1628	1634	1636	rBV3	3040	4740	0.17%	0.014%
30	12.763	1673	1679	1681	rBV2	4675	5642	0.20%	0.016%
31	13.586	1813	1819	1824	rBV	1028532	1487775	54.01%	4.301%
32	13.633	1824	1827	1837	rVB	187436	275472	10.00%	0.796%
33	13.851	1858	1864	1876	rBV	1142102	1689693	61.34%	4.885%
34	14.069	1896	1901	1906	rBV4	4439	6541	0.24%	0.019%

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35	14.163	1909	1917	1930	rVV2	1287755	1933506	70.20%	5.590%
36	14.280	1932	1937	1941	rBV2	7445	10723	0.39%	0.031%
37	14.416	1954	1960	1986	rBV	237028	583844	21.20%	1.688%
38	14.621	1991	1995	2001	rVV6	17681	34163	1.24%	0.099%
39	14.686	2004	2006	2013	rVB4	3468	5108	0.19%	0.015%
40	14.980	2052	2056	2059	rBV2	10270	14455	0.52%	0.042%
41	15.021	2059	2063	2068	rVB3	7962	13532	0.49%	0.039%
42	15.168	2080	2088	2098	rBV	1498035	2167923	78.71%	6.268%
43	15.239	2098	2100	2105	rVB4	4111	4769	0.17%	0.014%
44	15.316	2108	2113	2125	rBV	280423	447842	16.26%	1.295%
45	15.410	2125	2129	2134	rVB2	15473	21831	0.79%	0.063%
46	15.592	2157	2160	2166	rBV5	3588	4492	0.16%	0.013%
47	15.739	2180	2185	2191	rVB4	5958	11451	0.42%	0.033%
48	15.898	2208	2212	2214	rVV4	8334	12066	0.44%	0.035%
49	15.939	2217	2219	2228	rVB3	5916	10059	0.37%	0.029%
50	16.063	2235	2240	2242	rBV5	4161	6433	0.23%	0.019%
51	16.080	2242	2243	2249	rVB6	5821	5227	0.19%	0.015%
52	16.204	2260	2264	2269	rBV4	9701	19080	0.69%	0.055%
53	16.315	2279	2283	2286	rVB4	4825	5569	0.20%	0.016%
54	16.357	2286	2290	2296	rVB6	6048	11429	0.41%	0.033%
55	16.480	2305	2311	2318	rBV2	38665	54395	1.97%	0.157%
56	16.574	2322	2327	2330	rVB3	2672	5244	0.19%	0.015%
57	16.692	2343	2347	2349	rBV2	8192	11377	0.41%	0.033%
58	16.839	2368	2372	2380	rVV6	24230	42972	1.56%	0.124%
59	16.921	2380	2386	2397	rVV	1620873	2317408	84.13%	6.700%
60	17.021	2397	2403	2413	rVB2	1430746	2159330	78.39%	6.243%
61	17.121	2417	2420	2423	rBV5	8561	8980	0.33%	0.026%
62	17.157	2423	2426	2430	rVB6	5635	7704	0.28%	0.022%
63	17.233	2434	2439	2442	rBV5	8730	12717	0.46%	0.037%
64	17.280	2442	2447	2448	rBV4	3188	5601	0.20%	0.016%
65	17.327	2451	2455	2457	rBV3	10939	13843	0.50%	0.040%
66	17.427	2469	2472	2477	rBV4	9762	11199	0.41%	0.032%
67	17.615	2500	2504	2508	rVB4	14030	18051	0.66%	0.052%
68	17.715	2517	2521	2528	rVB9	12748	22356	0.81%	0.065%
69	17.780	2528	2532	2536	rVB7	8282	11880	0.43%	0.034%
70	17.839	2536	2542	2552	rBV	315210	456849	16.59%	1.321%
71	18.080	2579	2583	2586	rVB4	6519	10391	0.38%	0.030%

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72	18.133	2586	2592	2597	rBV7	23366	44476	1.61%	0.129%
73	18.174	2597	2599	2603	rBV5	4838	5827	0.21%	0.017%
74	18.233	2607	2609	2612	rVB3	4022	4279	0.16%	0.012%
75	18.327	2623	2625	2632	rBV8	6591	10190	0.37%	0.029%
76	18.380	2632	2634	2637	rVB4	7030	7453	0.27%	0.022%
77	18.409	2637	2639	2644	rBV5	4965	8602	0.31%	0.025%
78	18.498	2652	2654	2658	rBV5	8201	10217	0.37%	0.030%
79	18.539	2658	2661	2664	rVV4	6717	8137	0.30%	0.024%
80	18.704	2687	2689	2693	rVB5	9046	10291	0.37%	0.030%
81	18.774	2697	2701	2703	rBV3	32295	47569	1.73%	0.138%
82	18.933	2724	2728	2731	rBV5	6349	10720	0.39%	0.031%
83	18.974	2731	2735	2736	rVV2	22035	30284	1.10%	0.088%
84	18.998	2736	2739	2742	rVV2	36554	60060	2.18%	0.174%
85	19.033	2742	2745	2749	rVB5	31967	46131	1.67%	0.133%
86	19.133	2756	2762	2769	rBV2	112723	195000	7.08%	0.564%
87	19.221	2774	2777	2781	rVV2	22698	28479	1.03%	0.082%
88	19.280	2784	2787	2790	rVB4	31992	32259	1.17%	0.093%
89	19.333	2790	2796	2804	rBV2	1878308	2572859	93.41%	7.438%
90	19.474	2818	2820	2824	rVB5	29086	33571	1.22%	0.097%
91	19.898	2890	2892	2897	rVB4	26971	22784	0.83%	0.066%
92	20.333	2964	2966	2970	rBV4	34769	41981	1.52%	0.121%
93	20.868	3053	3057	3062	rBV	265176	327809	11.90%	0.948%
94	21.145	3098	3104	3109	rBV	2046276	2754434	100.00%	7.963%
95	21.727	3201	3203	3213	rVB3	77943	148479	5.39%	0.429%
96	22.174	3276	3279	3285	rVB3	148503	194915	7.08%	0.564%
97	22.656	3357	3361	3366	rBV2	225577	324850	11.79%	0.939%
98	23.168	3442	3448	3461	rVB	1165442	2345071	85.14%	6.780%
99	23.303	3465	3471	3480	rVB	1177840	2148930	78.02%	6.213%
100	23.803	3551	3556	3562	rVB	249836	444405	16.13%	1.285%

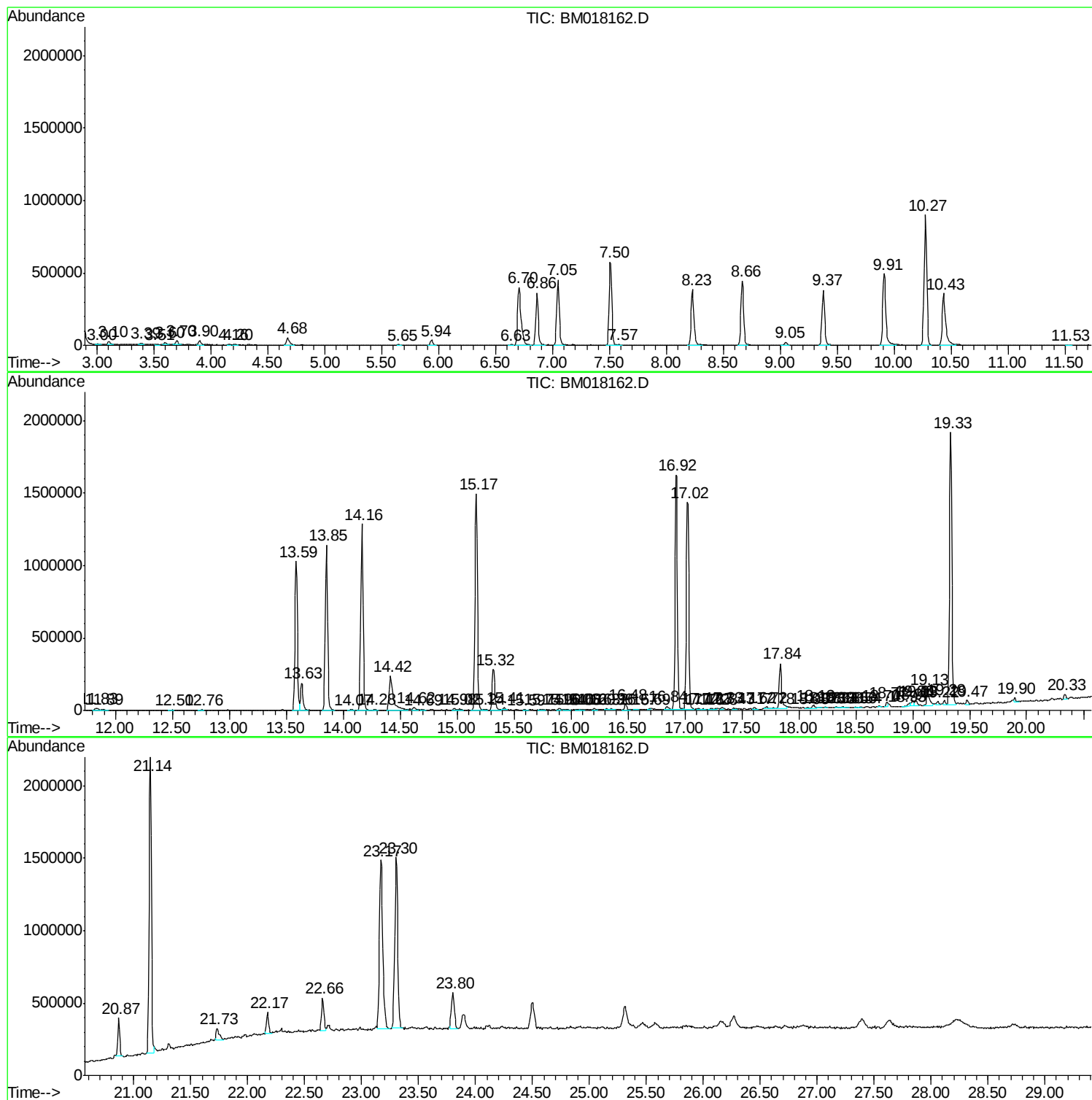
Sum of corrected areas: 34588882

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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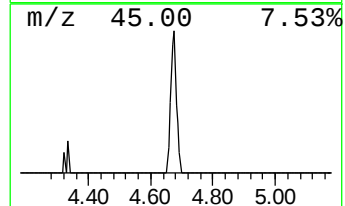
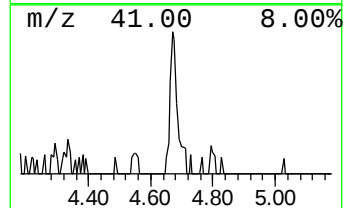
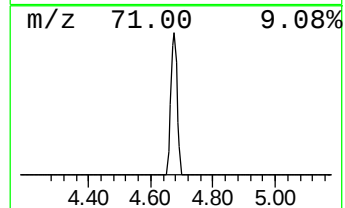
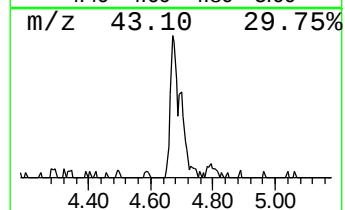
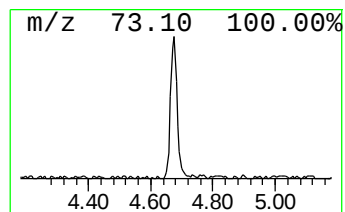
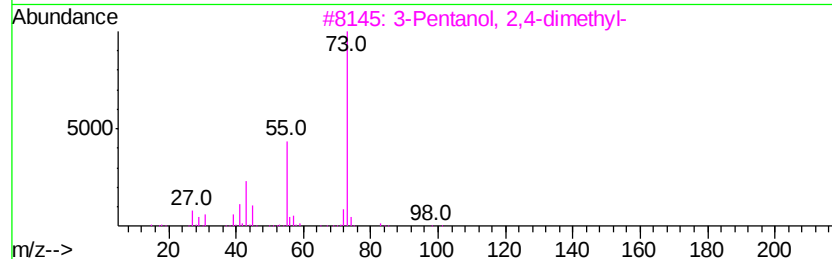
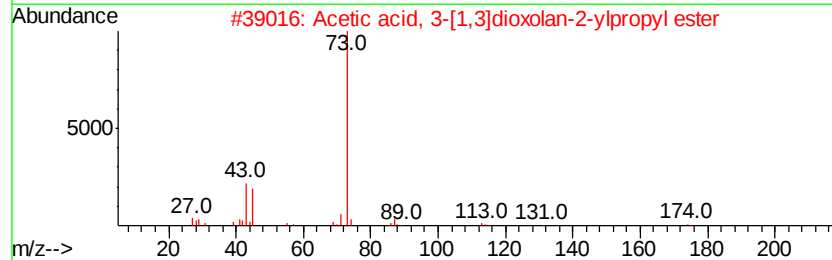
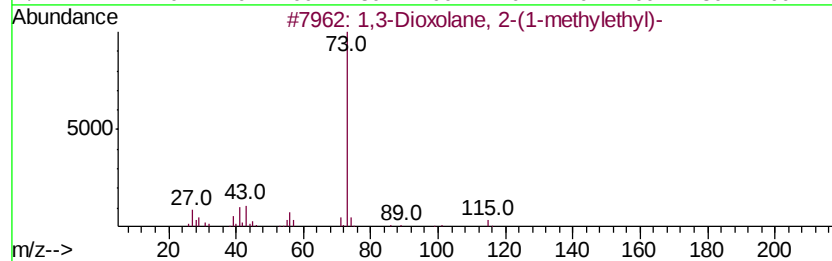
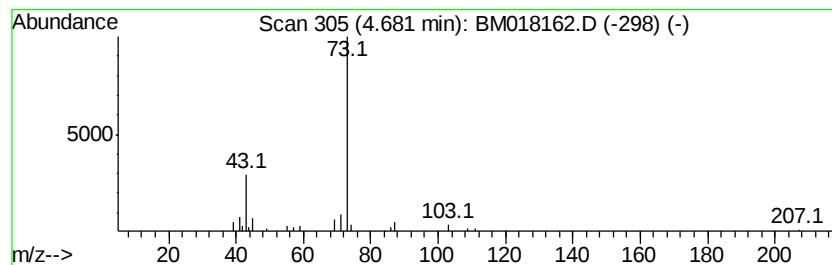
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.01 ng/ul	94302	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	43
2		Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	174	C8H14O4	1000186-02-3	38
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	28
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Butanoic acid, 2-hydroxy-2-methyl-	132	C6H12O3	032793-34-3	9



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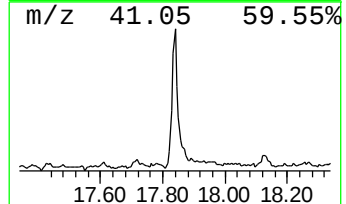
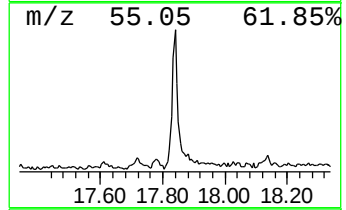
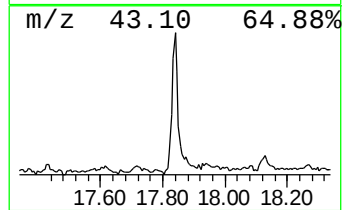
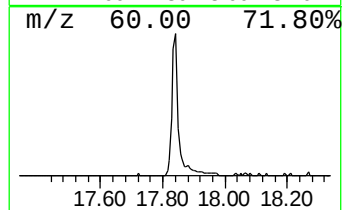
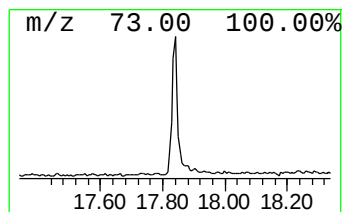
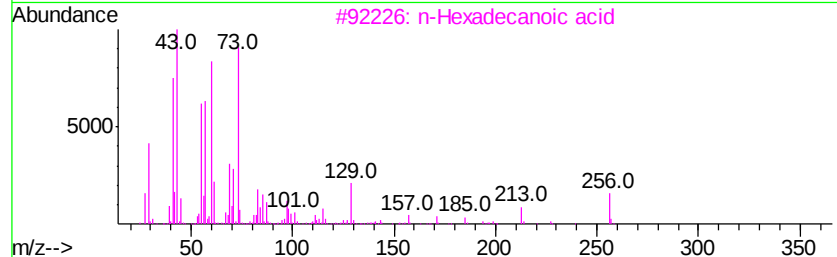
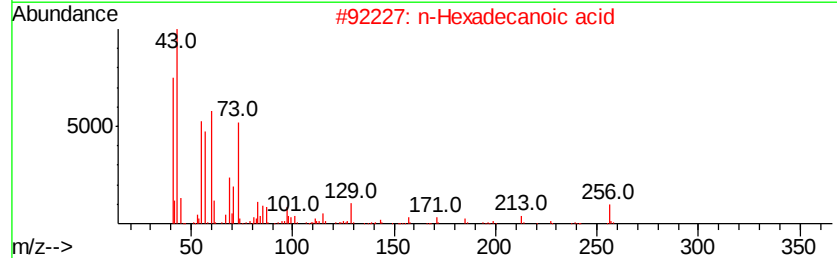
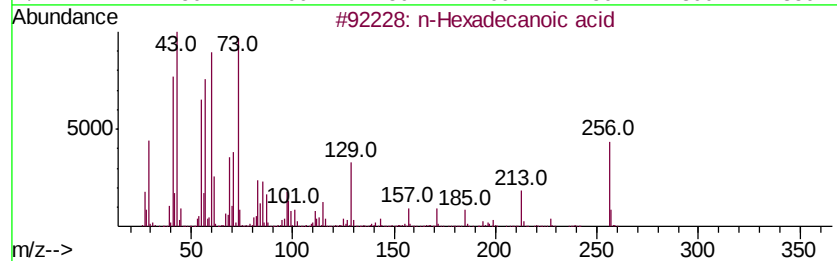
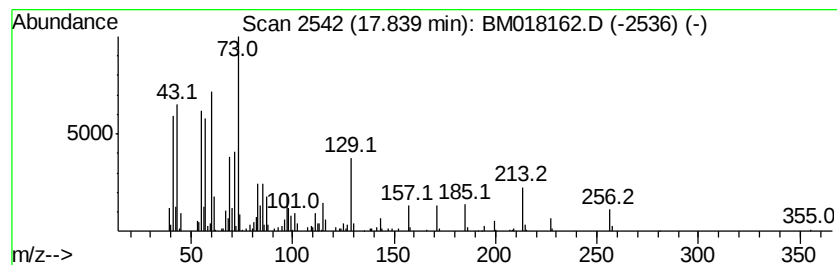
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.94 ng/ul	456849	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5		Tridecanoic acid	214	C13H26O2	000638-53-9	60



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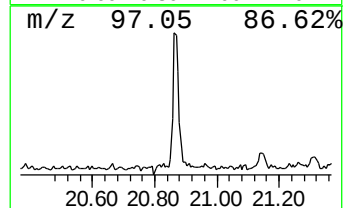
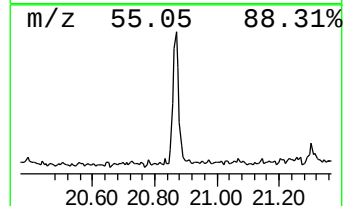
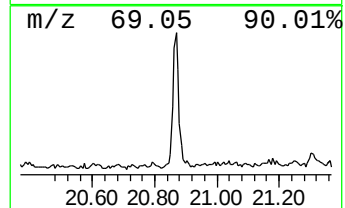
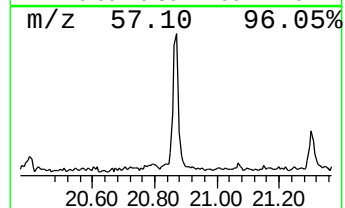
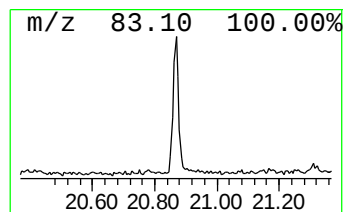
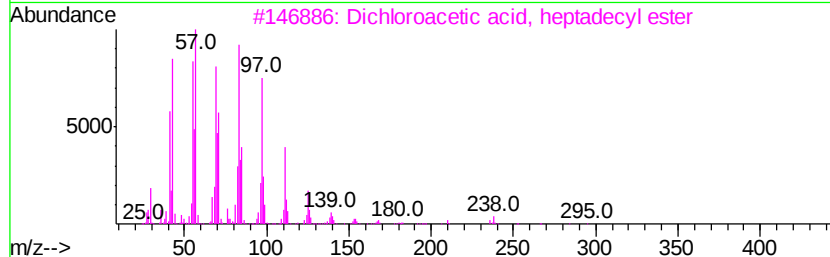
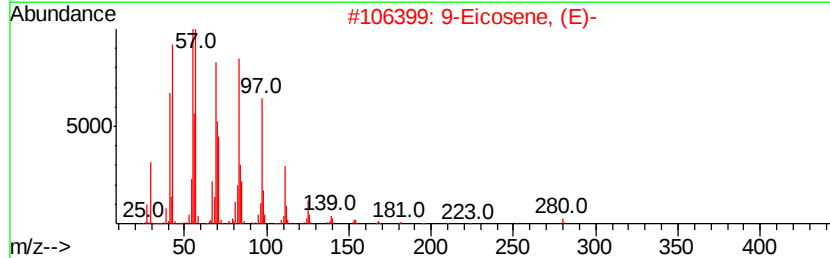
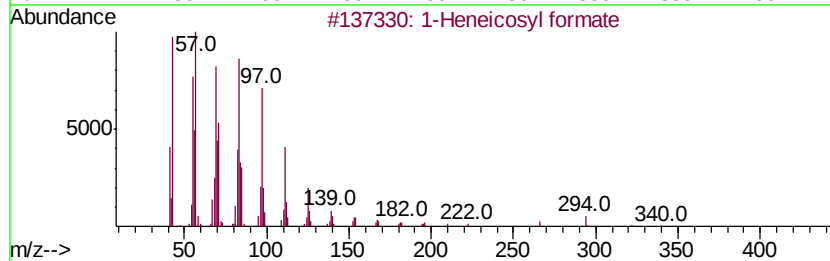
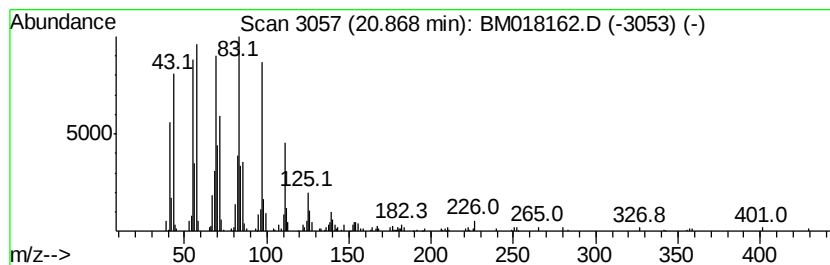
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.38 ng/ul	327809	Chrysene-d12	21.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
2	9-Eicosene, (E)-	280 C20H40	074685-29-3	93
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	91
4	Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1	91
5	Cyclopentadecane	210 C15H30	000295-48-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018162.D
Acq On : 14 Dec 2018 11:13
Operator : JU/SJ
Sample : J6236-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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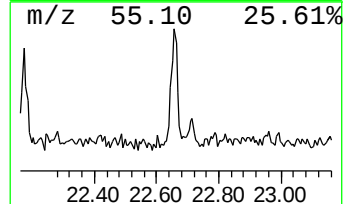
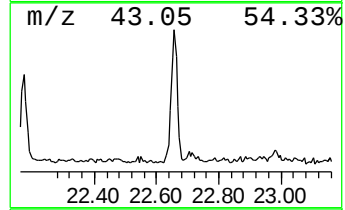
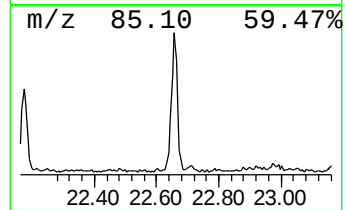
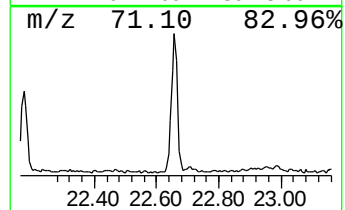
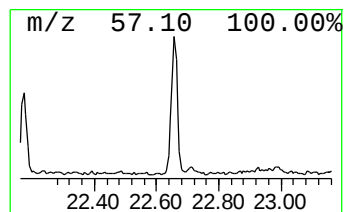
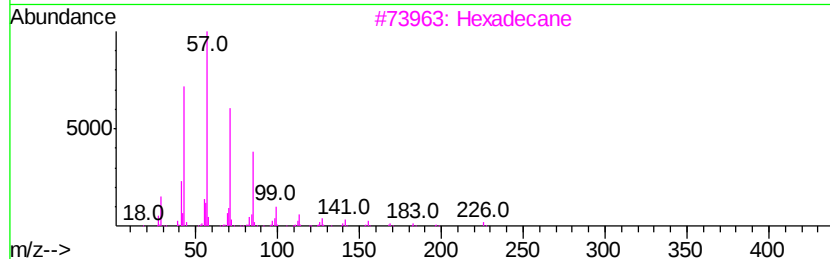
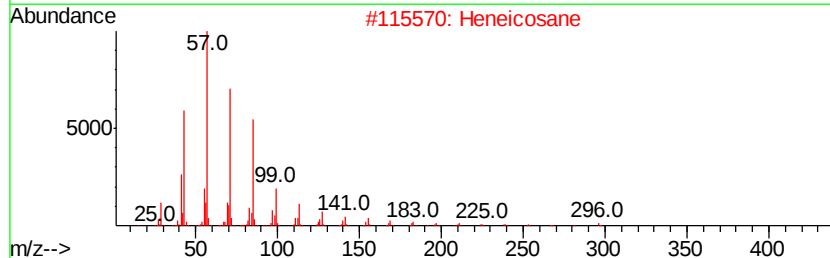
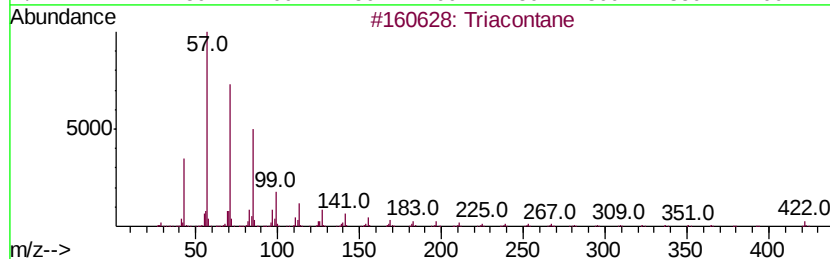
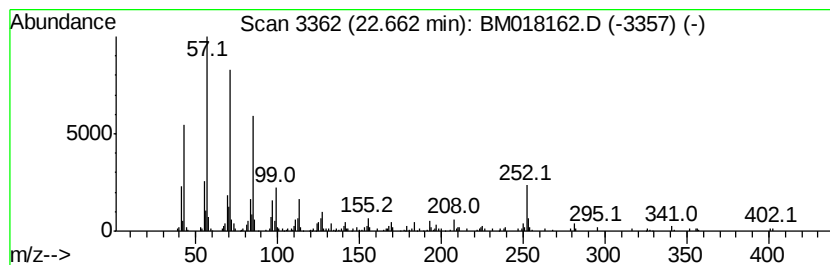
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	3.02 ng/ul	324850	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121318\
Data File : BM018162.D
Acq On : 14 Dec 2018 11:13
Operator : JU/SJ
Sample : J6236-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F17

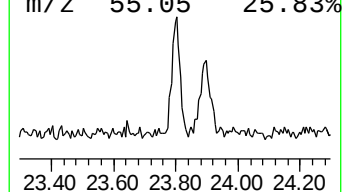
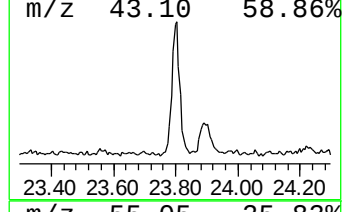
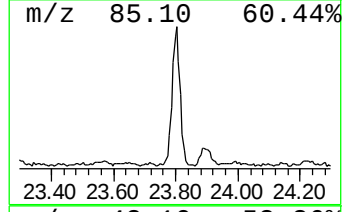
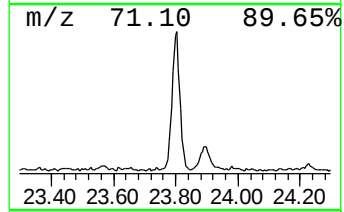
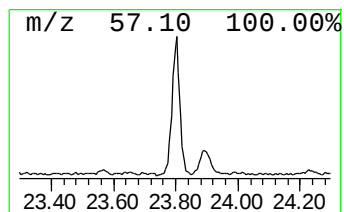
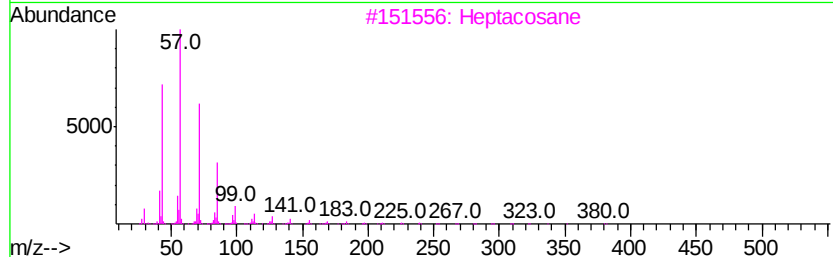
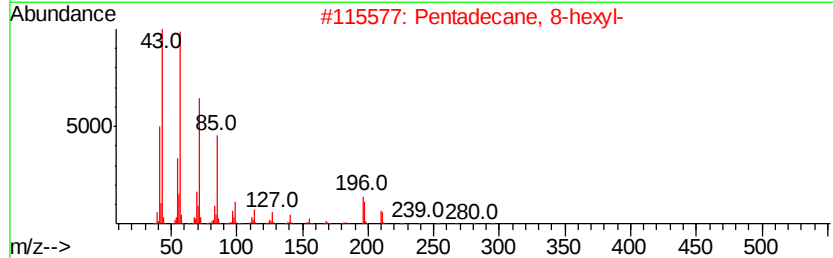
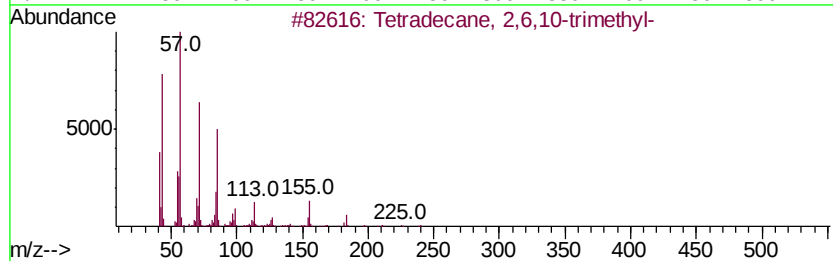
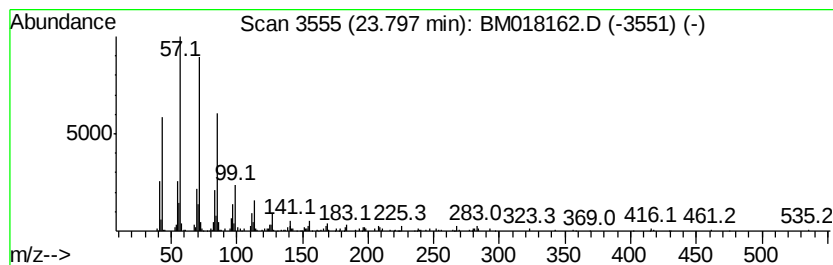
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	4.14 ng/ul	444405	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121318\
Data File : BM018162.D
Acq On : 14 Dec 2018 11:13
Operator : JU/SJ
Sample : J6236-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9F17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.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
unknown-01	4.68	2.0	ng/ul	94302	1	7.51	939186	20.0
n-Hexadecanoic acid	17.84	3.9	ng/ul	456849	4	16.93	2317410	20.0
1-Heneicosyl formate	20.87	2.4	ng/ul	327809	5	21.14	2754430	20.0
(DEL) Alkane: Str...	22.66	3.0	ng/ul	324850	6	23.30	2148930	20.0
(DEL) Alkane: Str...	23.80	4.1	ng/ul	444405	6	23.30	2148930	20.0