

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019685.D
 Acq On : 02 Apr 2019 09:23
 Operator : JU/SJ
 Sample : K2068-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5J7

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	30	rVB	59803	82224	3.00%	0.224%
2	3.534	90	93	98	rVB2	11514	16923	0.62%	0.046%
3	3.628	105	109	117	rVB	49719	70529	2.57%	0.193%
4	3.716	118	124	131	rVB	41256	75321	2.74%	0.206%
5	3.816	138	141	148	rVB2	12131	18322	0.67%	0.050%
6	4.210	206	208	214	rVB2	10548	12420	0.45%	0.034%
7	4.369	232	235	240	rVB3	10651	15177	0.55%	0.041%
8	4.563	266	268	270	rBV3	2751	2818	0.10%	0.008%
9	4.710	289	293	294	rBV	56264	59735	2.18%	0.163%
10	4.734	294	297	311	rVB	265112	391330	14.26%	1.068%
11	5.581	438	441	444	rVB4	3851	3252	0.12%	0.009%
12	6.216	544	549	552	rBV5	1960	3037	0.11%	0.008%
13	6.440	585	587	592	rVB2	3081	4494	0.16%	0.012%
14	6.651	617	623	626	rBV5	4584	8164	0.30%	0.022%
15	6.763	636	642	659	rBV	483267	894048	32.57%	2.441%
16	6.928	664	670	692	rVV	432113	767160	27.95%	2.095%
17	7.110	694	701	717	rVB	591140	986593	35.95%	2.694%
18	7.404	747	751	755	rBV6	1955	3159	0.12%	0.009%
19	7.575	772	780	788	rBV	888036	1451653	52.89%	3.963%
20	7.745	807	809	812	rBV3	2467	2757	0.10%	0.008%
21	7.898	830	835	839	rVB7	2512	3717	0.14%	0.010%
22	8.292	896	902	917	rBV	447797	810599	29.53%	2.213%
23	8.410	917	922	929	rVB	52071	90976	3.31%	0.248%
24	8.745	972	979	993	rBV	506324	911839	33.22%	2.490%
25	9.063	1029	1033	1038	rVB	32425	44641	1.63%	0.122%
26	9.457	1093	1100	1115	rBV	393477	676323	24.64%	1.847%
27	9.704	1139	1142	1146	rVV3	2785	5705	0.21%	0.016%
28	9.781	1152	1155	1160	rVB5	2085	2943	0.11%	0.008%
29	9.834	1160	1164	1171	rVB4	6036	10915	0.40%	0.030%
30	9.992	1184	1191	1204	rBV	558715	1104493	40.24%	3.016%
31	10.098	1205	1209	1217	rVB5	14299	39073	1.42%	0.107%
32	10.351	1245	1252	1264	rBV	1287134	2131680	77.67%	5.820%
33	10.522	1274	1281	1308	rBV	324721	818009	29.80%	2.233%
34	10.704	1310	1312	1316	rVB4	2770	3582	0.13%	0.010%

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35	11.551	1452	1456	1461	rVB3	3002	4079	0.15%	0.011%
36	11.763	1485	1492	1497	rVB7	3585	6901	0.25%	0.019%
37	11.910	1511	1517	1521	rBV3	12540	21692	0.79%	0.059%
38	11.957	1521	1525	1534	rVB2	6940	14124	0.51%	0.039%
39	12.551	1624	1626	1630	rBV2	3751	5421	0.20%	0.015%
40	12.816	1668	1671	1676	rBV2	7958	11608	0.42%	0.032%
41	12.939	1686	1692	1698	rBV4	4995	9136	0.33%	0.025%
42	13.022	1702	1706	1711	rBV2	3476	5092	0.19%	0.014%
43	13.116	1720	1722	1726	rVB3	2742	2839	0.10%	0.008%
44	13.351	1759	1762	1765	rVB3	2782	2937	0.11%	0.008%
45	13.527	1787	1792	1796	rVB5	5693	9756	0.36%	0.027%
46	13.657	1807	1814	1818	rBV	1130632	1611163	58.70%	4.399%
47	13.704	1818	1822	1832	rVB	183884	279915	10.20%	0.764%
48	13.927	1853	1860	1870	rVV	1216465	1813743	66.08%	4.952%
49	14.116	1887	1892	1895	rBV4	6949	9847	0.36%	0.027%
50	14.239	1906	1913	1924	rBV2	1565092	2438871	88.86%	6.659%
51	14.310	1924	1925	1933	rVB6	3380	4370	0.16%	0.012%
52	14.504	1951	1958	1975	rBV	139249	428433	15.61%	1.170%
53	14.669	1981	1986	1991	rBV8	11993	21804	0.79%	0.060%
54	14.945	2029	2033	2036	rVB4	2966	3209	0.12%	0.009%
55	15.021	2041	2046	2051	rBV3	7186	10773	0.39%	0.029%
56	15.074	2051	2055	2060	rVB3	9793	12953	0.47%	0.035%
57	15.133	2060	2065	2068	rBV5	4045	8455	0.31%	0.023%
58	15.239	2076	2083	2094	rBV	1507122	2194419	79.95%	5.991%
59	15.398	2105	2110	2118	rVB5	11837	21460	0.78%	0.059%
60	15.480	2118	2124	2130	rBV	17808	27393	1.00%	0.075%
61	15.698	2158	2161	2166	rBV5	2572	4456	0.16%	0.012%
62	15.792	2172	2177	2183	rBV5	5217	13333	0.49%	0.036%
63	15.939	2199	2202	2209	rVB4	9037	16846	0.61%	0.046%
64	15.998	2209	2212	2213	rBV3	2766	2860	0.10%	0.008%
65	16.027	2213	2217	2220	rVB5	4667	5183	0.19%	0.014%
66	16.110	2228	2231	2233	rBV4	2468	3939	0.14%	0.011%
67	16.198	2242	2246	2247	rBV4	3699	3985	0.15%	0.011%
68	16.239	2249	2253	2257	rVV4	16111	24732	0.90%	0.068%
69	16.280	2257	2260	2263	rVB4	4770	6011	0.22%	0.016%
70	16.398	2276	2280	2284	rBV6	5331	7969	0.29%	0.022%
71	16.445	2286	2288	2289	rBV2	4988	3713	0.14%	0.010%

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72	16.545	2298	2305	2308	rBV2	15312	24483	0.89%	0.067%
73	16.668	2323	2326	2329	rBV4	4884	7888	0.29%	0.022%
74	16.739	2334	2338	2339	rVV3	4710	5685	0.21%	0.016%
75	16.757	2339	2341	2342	rBV	4780	3459	0.13%	0.009%
76	16.886	2360	2363	2368	rVB5	13602	20758	0.76%	0.057%
77	16.957	2373	2375	2376	rBV2	6282	5573	0.20%	0.015%
78	16.998	2376	2382	2388	rVV2	1551418	2173811	79.20%	5.935%
79	17.098	2392	2399	2409	rBV	1267053	1847587	67.32%	5.044%
80	17.274	2427	2429	2430	rBV2	4316	3338	0.12%	0.009%
81	17.333	2434	2439	2441	rVV6	6947	14506	0.53%	0.040%
82	17.374	2444	2446	2449	rVV4	6998	8084	0.29%	0.022%
83	17.474	2461	2463	2468	rVB6	7019	7663	0.28%	0.021%
84	17.780	2508	2515	2517	rBV6	14109	26818	0.98%	0.073%
85	17.827	2520	2523	2527	rBV5	13521	19495	0.71%	0.053%
86	17.886	2529	2533	2544	rBV	243078	404739	14.75%	1.105%
87	18.180	2578	2583	2589	rBV7	19605	44375	1.62%	0.121%
88	19.180	2749	2753	2761	rBV2	108480	210437	7.67%	0.575%
89	19.404	2786	2791	2802	rBV2	1273198	1858747	67.72%	5.075%
90	20.339	2947	2950	2954	rVB	183326	186171	6.78%	0.508%
91	20.909	3043	3047	3051	rVB	413664	499376	18.19%	1.363%
92	21.203	3093	3097	3102	rBV	1693220	2309969	84.16%	6.307%
93	22.215	3267	3269	3277	rVB	440421	556802	20.29%	1.520%
94	22.709	3350	3353	3359	rVB	514327	674339	24.57%	1.841%
95	23.274	3443	3449	3458	rVB3	1224564	2744584	100.00%	7.494%
96	23.415	3468	3473	3480	rVB	1275662	2370070	86.35%	6.471%

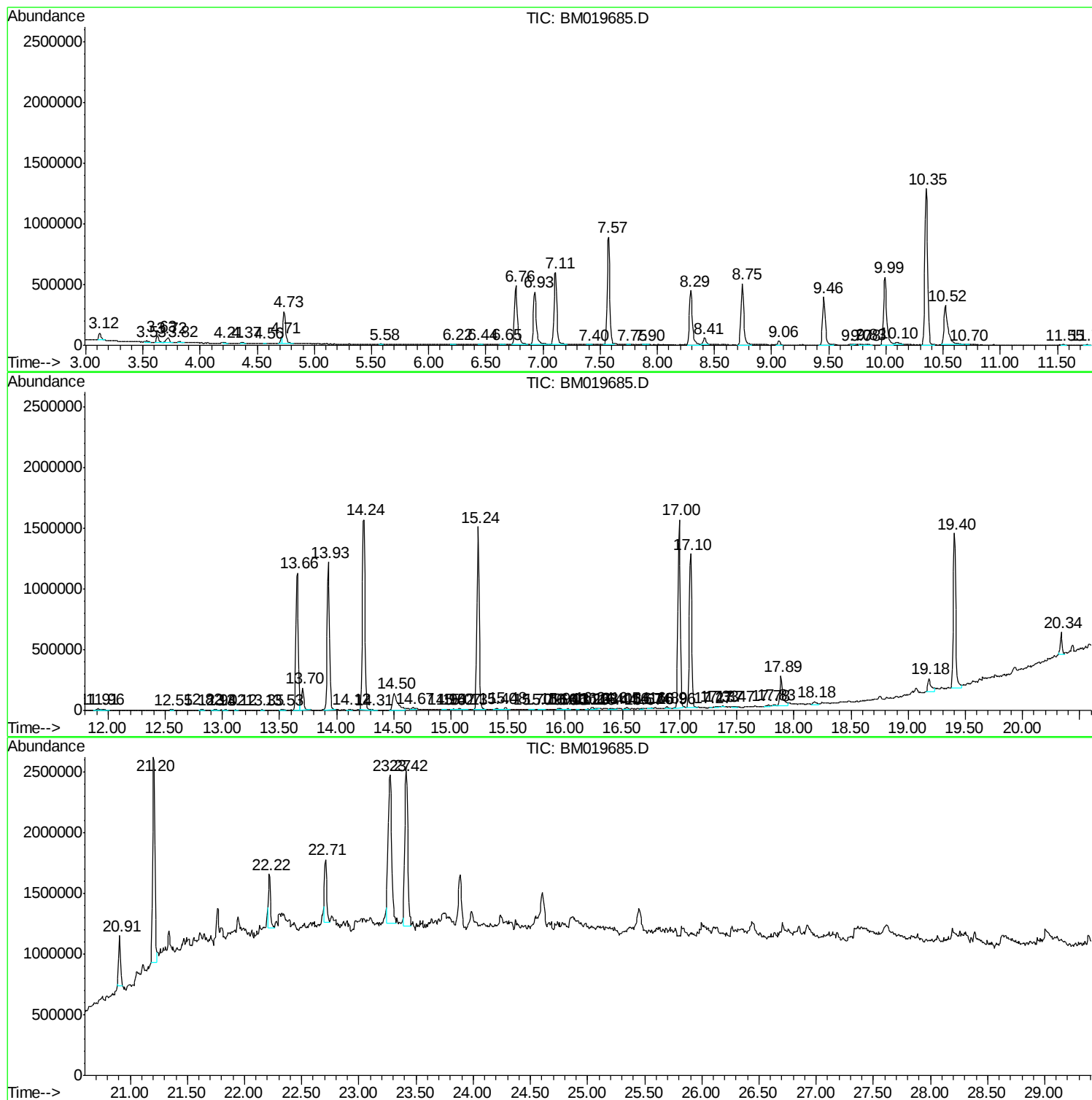
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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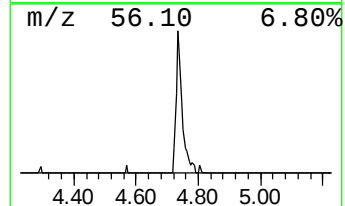
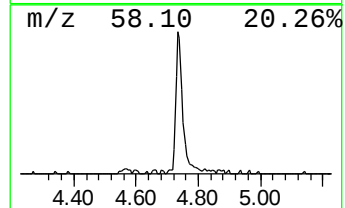
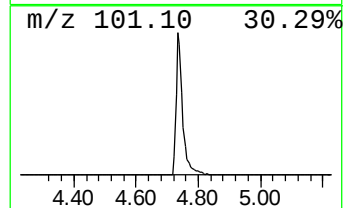
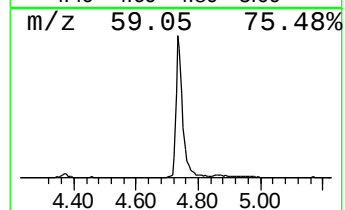
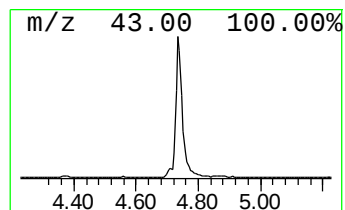
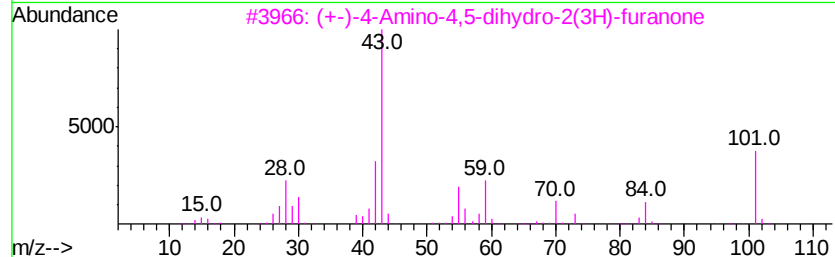
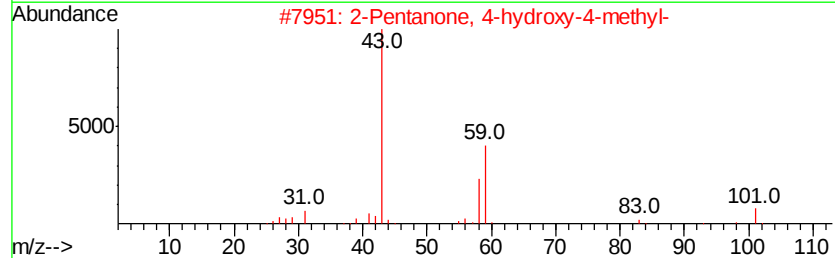
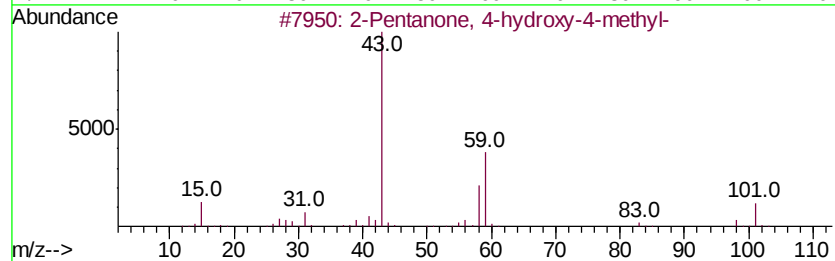
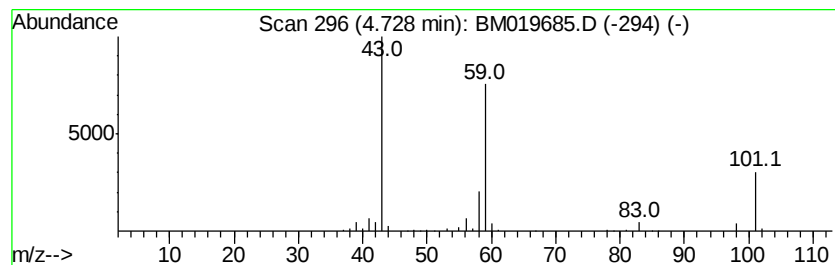
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	5.39 ng/ul	391330	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
3			(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	35
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	16
5			5-Hexen-2-one	98	C6H10O	000109-49-9	9



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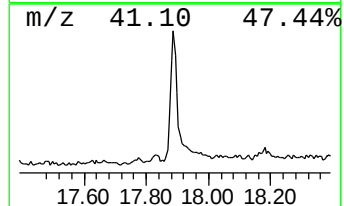
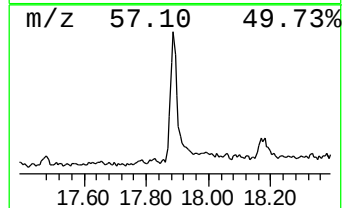
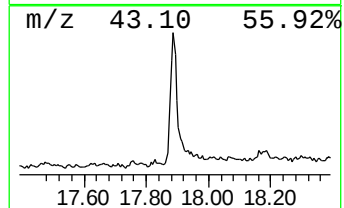
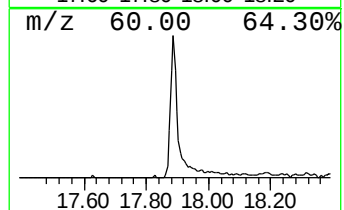
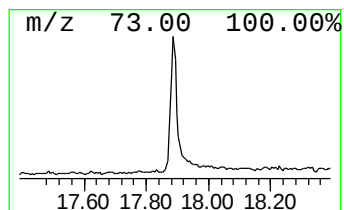
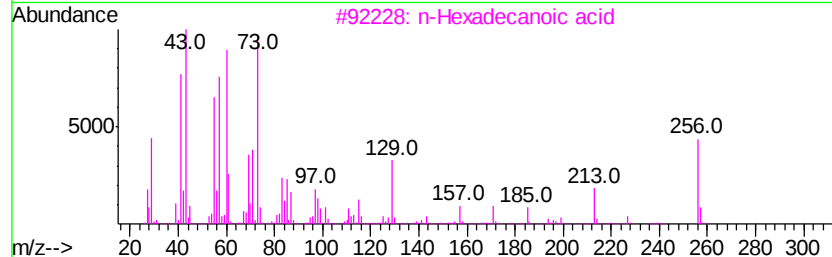
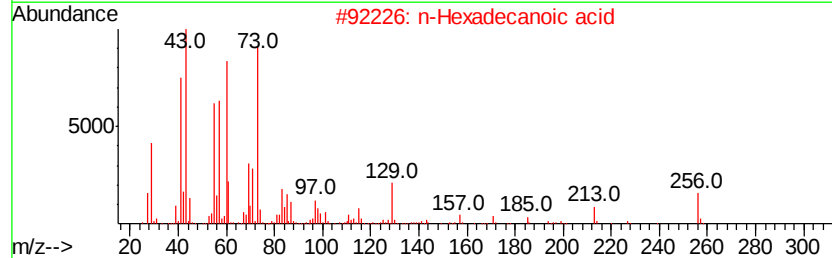
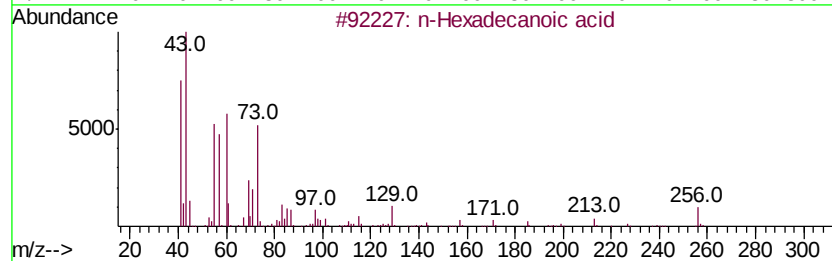
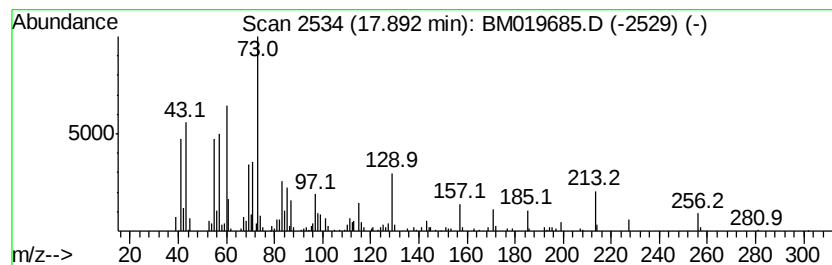
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.72 ng/ul	404739	Phenanthrene-d10	17.00

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	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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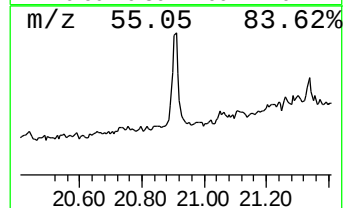
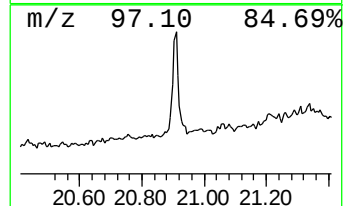
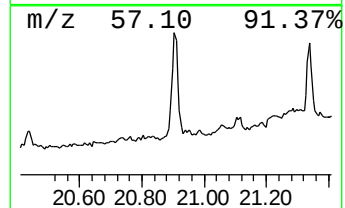
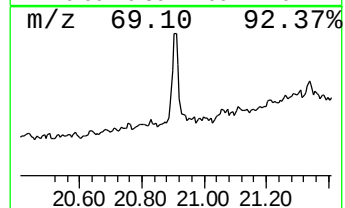
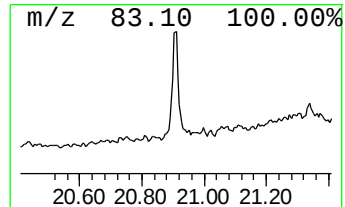
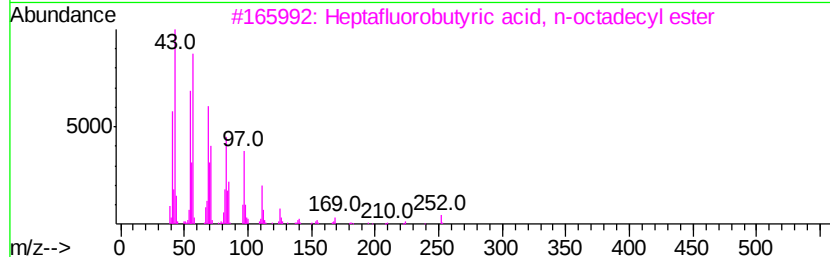
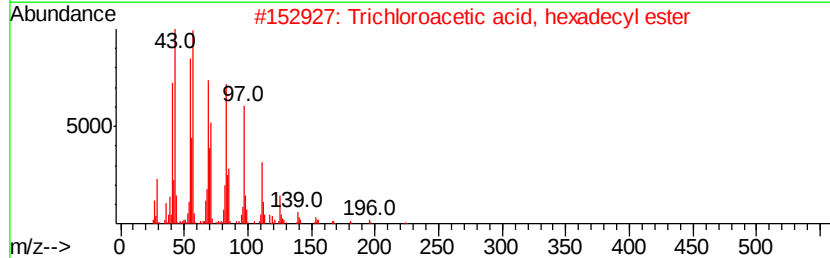
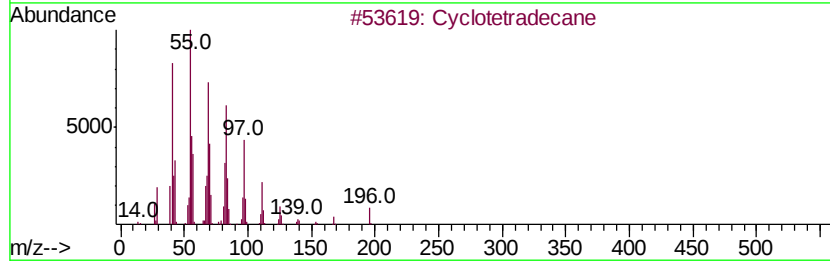
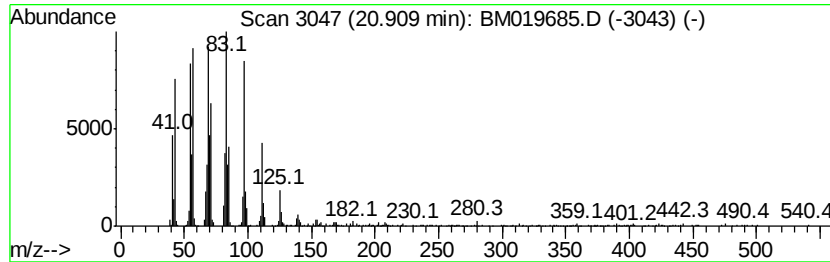
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Peak Number 3 (DEL) Alkane: Cyclic20.91 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	4.32 ng/ul	499376	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclotetradecane	196 C14H28	000295-17-0 93
2		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
3		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 91
4		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
5		3-Eicosene, (E)-	280 C20H40	074685-33-9 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019685.D
Acq On : 02 Apr 2019 09:23
Operator : JU/SJ
Sample : K2068-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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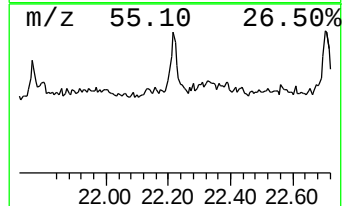
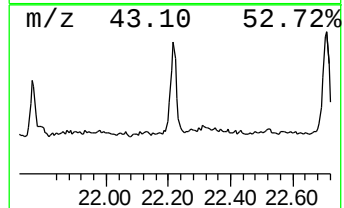
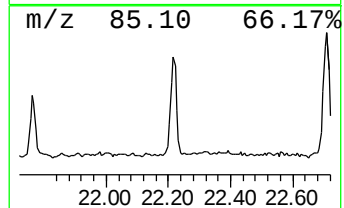
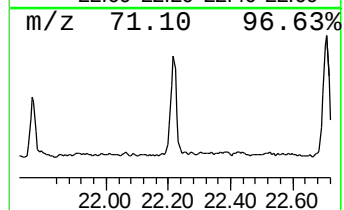
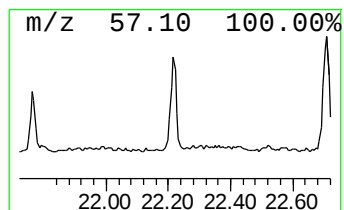
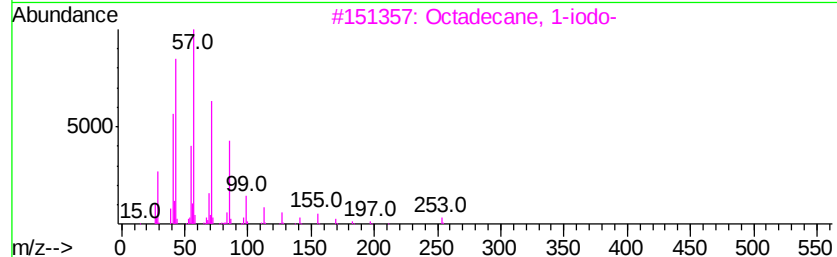
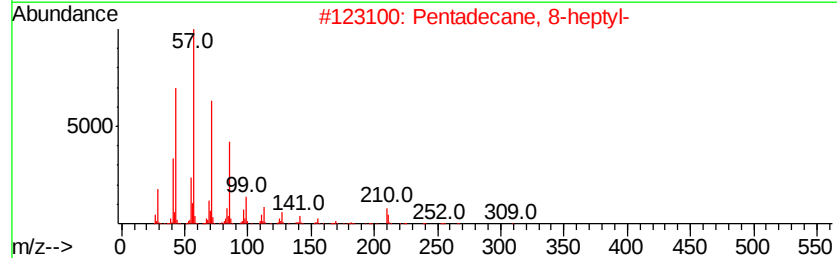
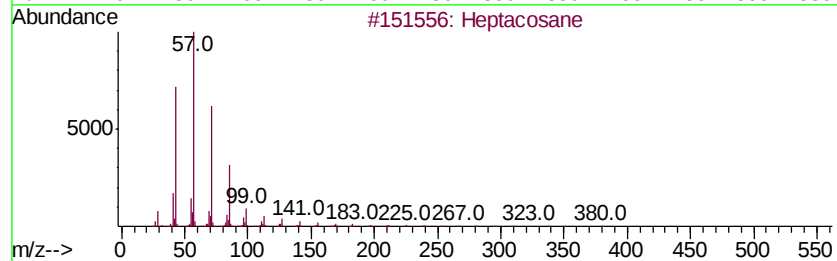
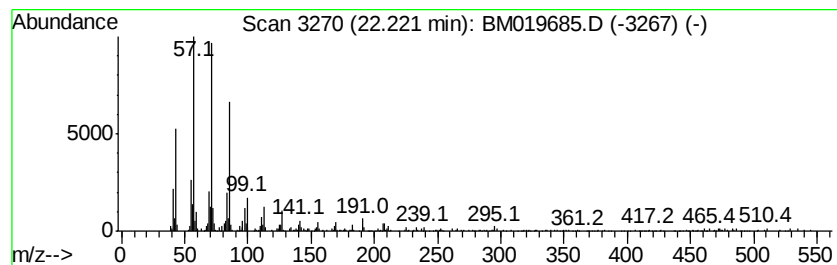
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Quant Title : SVOA CALIBRATION

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.
22.22	4.82 ng/ul	556802	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	96
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019685.D
Acq On : 02 Apr 2019 09:23
Operator : JU/SJ
Sample : K2068-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BF5J7

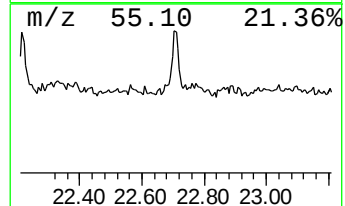
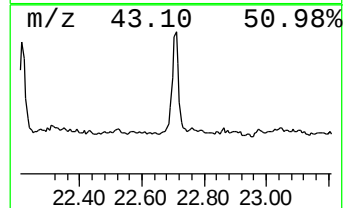
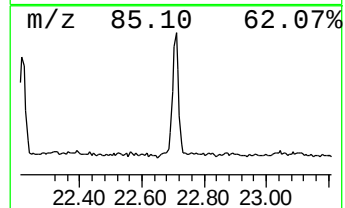
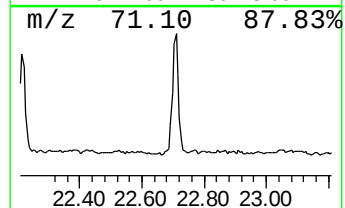
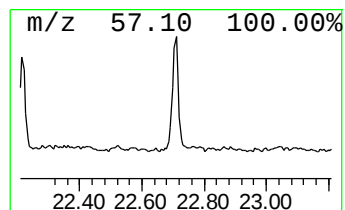
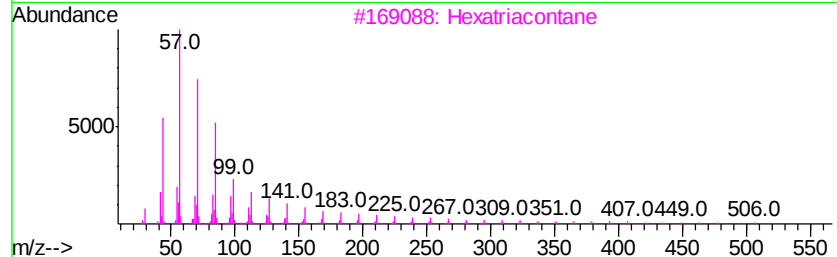
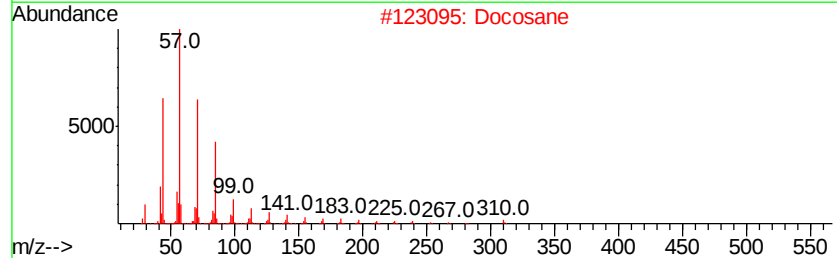
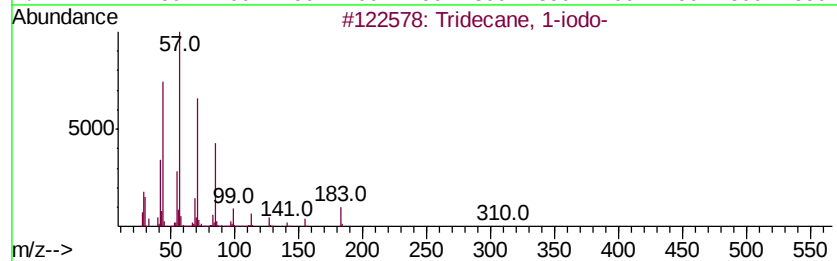
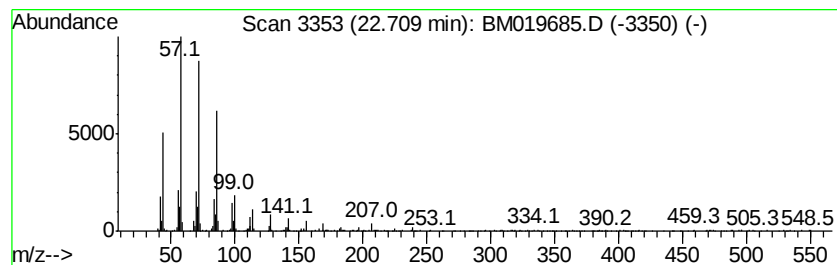
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Tridecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.71	5.69 ng/ul	674339	Perylene-d12	23.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	91
2	Docosane		310	C22H46	000629-97-0	91
3	Hexatriacontane		507	C36H74	000630-06-8	91
4	Tetratriacontane		479	C34H70	014167-59-0	87
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019685.D
Acq On : 02 Apr 2019 09:23
Operator : JU/SJ
Sample : K2068-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5J7

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
2-Pentanone, 4-hy...	4.73	5.4	ng/ul	391330	1	7.57	1451650	20.0
n-Hexadecanoic acid	17.89	3.7	ng/ul	404739	4	17.00	2173810	20.0
(DEL) Alkane: Cyc...	20.91	4.3	ng/ul	499376	5	21.20	2309970	20.0
(DEL) Alkane: Str...	22.22	4.8	ng/ul	556802	5	21.20	2309970	20.0
Tridecane, 1-iodo-	22.71	5.7	ng/ul	674339	6	23.41	2370070	20.0