

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023047.D
 Acq On : 08 Oct 2019 16:11
 Operator : JU
 Sample : K5056-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBAF1

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-BM092719MA.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	3.252	42	45	53	rVB	42302	61228	1.23%	0.121%
2	3.775	130	134	141	rVB5	6045	11796	0.24%	0.023%
3	3.987	166	170	176	rVB2	7645	12542	0.25%	0.025%
4	4.210	204	208	212	rVB4	7357	9446	0.19%	0.019%
5	4.616	273	277	283	rVB3	3530	6242	0.13%	0.012%
6	6.781	640	645	651	rBV2	7661	13923	0.28%	0.027%
7	6.946	666	673	685	rBV	771031	1276048	25.63%	2.515%
8	7.110	695	701	722	rBV	593713	961203	19.31%	1.894%
9	7.310	728	735	748	rVB	828069	1312179	26.36%	2.586%
10	7.775	807	814	822	rBV	690496	1056526	21.22%	2.082%
11	7.845	822	826	835	rVB	14721	24768	0.50%	0.049%
12	8.481	927	934	946	rBV	941574	1526374	30.66%	3.008%
13	8.928	1003	1010	1024	rBV	730965	1194148	23.99%	2.353%
14	9.369	1080	1085	1090	rBV2	6908	11518	0.23%	0.023%
15	9.645	1125	1132	1145	rVB	577629	968432	19.45%	1.909%
16	9.892	1165	1174	1184	rBV2	46547	82823	1.66%	0.163%
17	10.186	1215	1224	1236	rBV	976472	1600161	32.14%	3.154%
18	10.563	1281	1288	1295	rBV	910281	1506101	30.25%	2.968%
19	10.698	1304	1311	1327	rBV	835840	1449778	29.12%	2.857%
20	12.157	1554	1559	1564	rBV2	13860	20034	0.40%	0.039%
21	12.245	1569	1574	1578	rBV3	6745	9231	0.19%	0.018%
22	12.692	1644	1650	1657	rBV	54635	80769	1.62%	0.159%
23	13.022	1702	1706	1710	rBV3	4629	6402	0.13%	0.013%
24	13.257	1741	1746	1749	rBV3	4266	6155	0.12%	0.012%
25	13.439	1772	1777	1782	rBV	8174	10060	0.20%	0.020%
26	13.633	1806	1810	1817	rBV	9529	15869	0.32%	0.031%
27	13.822	1836	1842	1847	rBV	1588049	2139809	42.98%	4.217%
28	13.869	1847	1850	1859	rVB	277796	363722	7.31%	0.717%
29	14.104	1880	1890	1899	rBV	1986989	2786717	55.98%	5.492%
30	14.322	1923	1927	1931	rVB4	3213	5112	0.10%	0.010%
31	14.410	1936	1942	1950	rVV	1332121	1961383	39.40%	3.866%
32	14.604	1969	1975	1991	rBV	701265	1016211	20.41%	2.003%
33	14.845	2008	2016	2029	rBV	578775	873375	17.54%	1.721%
34	14.957	2031	2035	2041	rVB	17344	34994	0.70%	0.069%

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35	15.221	2076	2080	2084	rBV3	6555	9402	0.19%	0.019%
36	15.274	2085	2089	2092	rVB3	5525	7560	0.15%	0.015%
37	15.404	2104	2111	2120	rBV	2401549	3357889	67.45%	6.618%
38	15.521	2124	2131	2140	rBV	647093	892078	17.92%	1.758%
39	15.645	2147	2152	2157	rBV	26734	35797	0.72%	0.071%
40	15.963	2201	2206	2208	rBV4	5881	7513	0.15%	0.015%
41	16.133	2231	2235	2238	rBV4	5313	6420	0.13%	0.013%
42	16.186	2241	2244	2250	rVB3	8775	12946	0.26%	0.026%
43	16.304	2260	2264	2269	rVB4	4896	8342	0.17%	0.016%
44	16.492	2289	2296	2300	rBV8	5240	10526	0.21%	0.021%
45	16.563	2300	2308	2318	rBV	152701	213054	4.28%	0.420%
46	16.780	2342	2345	2349	rVB4	5383	6156	0.12%	0.012%
47	16.904	2362	2366	2367	rBV2	5005	5141	0.10%	0.010%
48	16.921	2367	2369	2373	rVB5	5899	7951	0.16%	0.016%
49	17.151	2402	2408	2415	rBV2	1640906	2245175	45.10%	4.425%
50	17.251	2418	2425	2435	rBV	2442916	3400348	68.31%	6.702%
51	17.321	2435	2437	2443	rVB6	9346	14071	0.28%	0.028%
52	17.433	2452	2456	2459	rBV3	4124	5727	0.12%	0.011%
53	17.539	2469	2474	2481	rBV5	23284	40891	0.82%	0.081%
54	17.657	2491	2494	2499	rBV5	5101	7558	0.15%	0.015%
55	17.921	2534	2539	2546	rBV8	12232	24386	0.49%	0.048%
56	18.051	2556	2561	2571	rBV	449269	636975	12.80%	1.255%
57	18.380	2613	2617	2624	rVB4	20200	35232	0.71%	0.069%
58	18.480	2631	2634	2640	rVB3	19840	21489	0.43%	0.042%
59	18.715	2672	2674	2678	rVB4	5365	6130	0.12%	0.012%
60	18.939	2710	2712	2717	rVV4	11534	13117	0.26%	0.026%
61	18.986	2718	2720	2727	rVB6	9473	11145	0.22%	0.022%
62	19.180	2749	2753	2756	rVV	30732	42710	0.86%	0.084%
63	19.209	2756	2758	2766	rVB3	17593	23837	0.48%	0.047%
64	19.333	2774	2779	2789	rBV	197549	293887	5.90%	0.579%
65	19.433	2793	2796	2801	rVB	26673	33531	0.67%	0.066%
66	19.545	2809	2815	2822	rBV	3262816	4279785	85.97%	8.435%
67	19.598	2822	2824	2830	rVB4	22986	31220	0.63%	0.062%
68	19.886	2870	2873	2876	rBV	55198	58140	1.17%	0.115%
69	19.927	2876	2880	2884	rVB	58263	68794	1.38%	0.136%
70	20.068	2901	2904	2906	rBV3	13637	17349	0.35%	0.034%
71	20.098	2907	2909	2915	rVB2	26819	30627	0.62%	0.060%

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72	20.598	2991	2994	2997	rVB	43854	47547	0.96%	0.094%
73	20.862	3036	3039	3042	rBV	82254	89310	1.79%	0.176%
74	20.892	3042	3044	3049	rVB2	53272	58474	1.17%	0.115%
75	21.056	3067	3072	3080	rBV	442479	687948	13.82%	1.356%
76	21.333	3114	3119	3125	rBV	2123400	2730527	54.85%	5.381%
77	21.497	3144	3147	3152	rVB2	105036	111186	2.23%	0.219%
78	21.933	3218	3221	3234	rVB	146872	218545	4.39%	0.431%
79	22.397	3297	3300	3305	rVB	178013	214785	4.31%	0.423%
80	22.909	3383	3387	3392	rBV	211692	295549	5.94%	0.582%
81	23.444	3471	3478	3492	rVV	2549167	4978080	100.00%	9.811%
82	23.586	3496	3502	3519	rVB	1548077	2969642	59.65%	5.853%

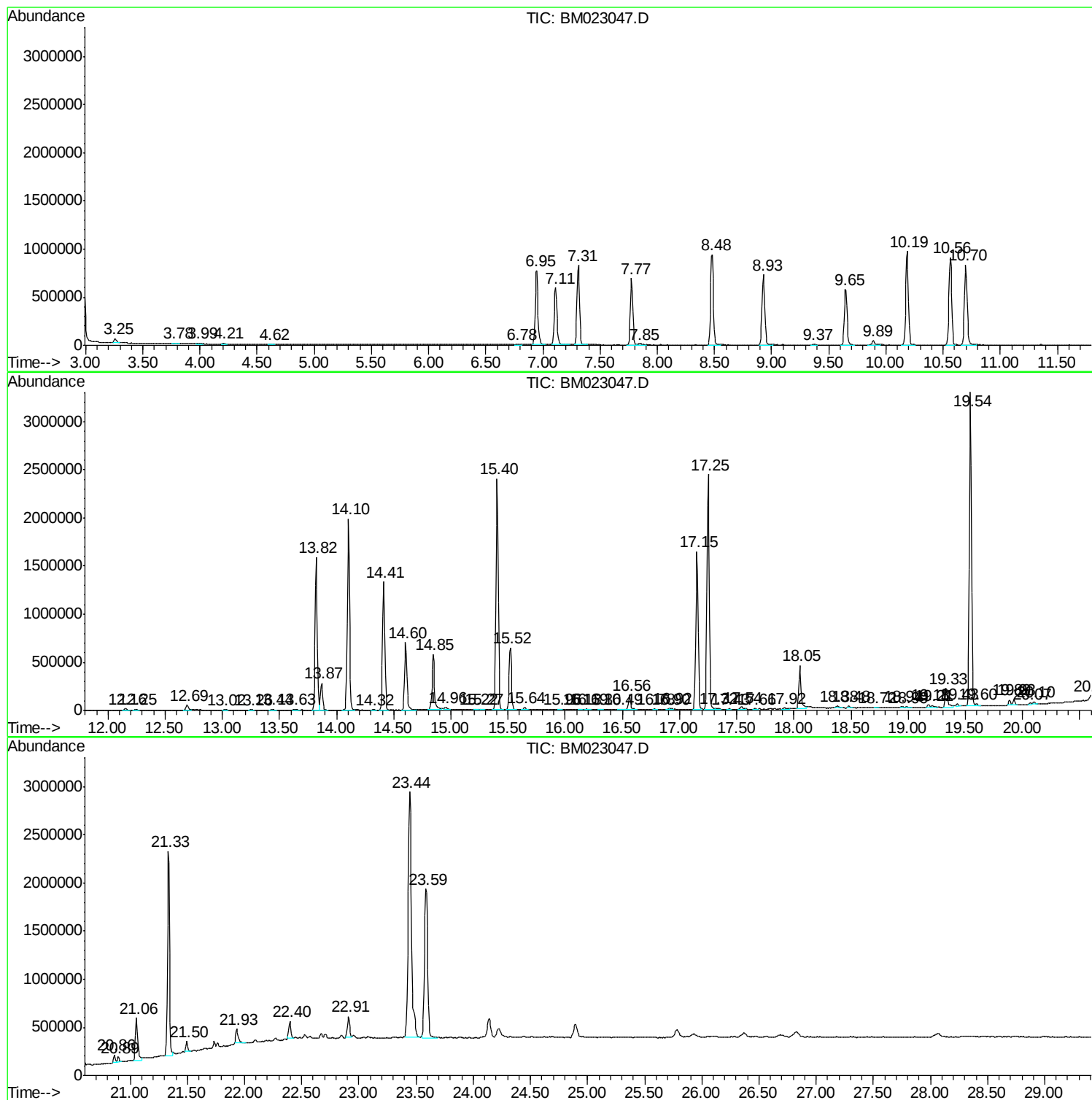
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : JU
Sample : K5056-15
Misc :
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Instrument :
BNA_M
ClientSampleId :
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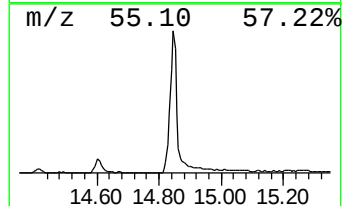
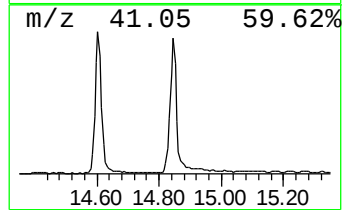
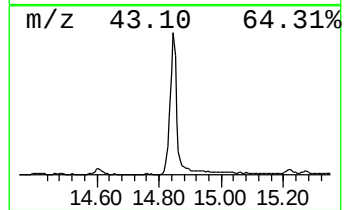
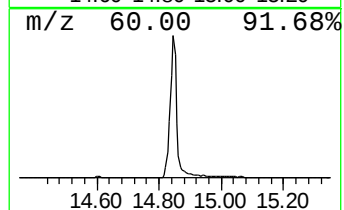
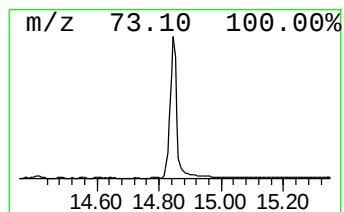
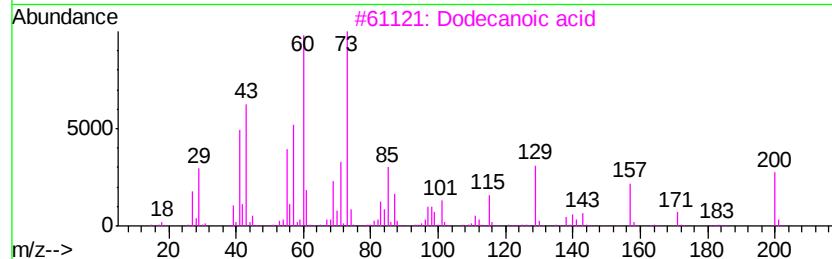
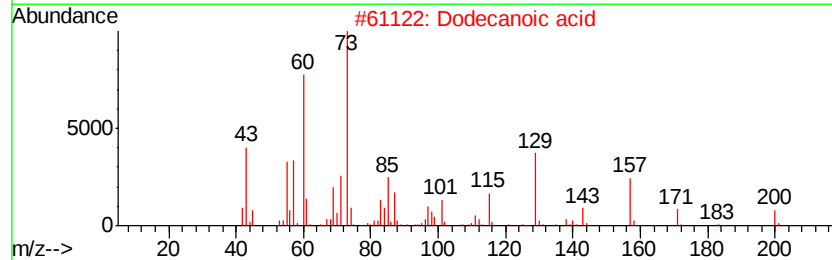
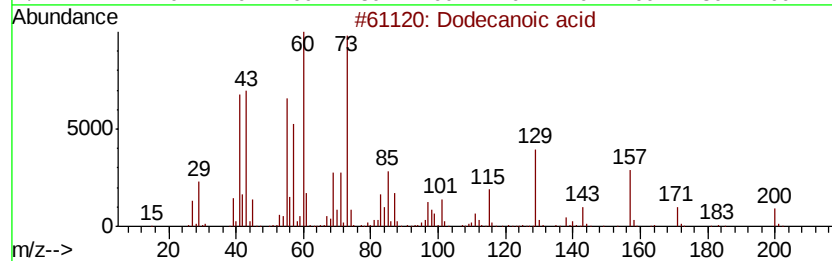
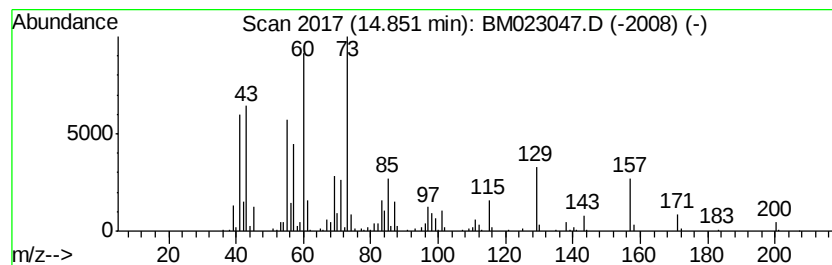
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.91 ng/ul	873375	Acenaphthene-d10	14.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid			200	C12H24O2	000143-07-7	97
2	Dodecanoic acid			200	C12H24O2	000143-07-7	91
3	Dodecanoic acid			200	C12H24O2	000143-07-7	91
4	Dodecanoic acid			200	C12H24O2	000143-07-7	90
5	Undecanoic acid			186	C11H22O2	000112-37-8	72



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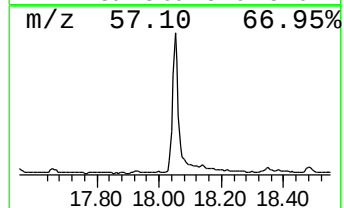
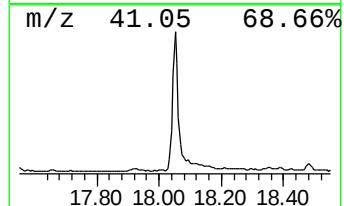
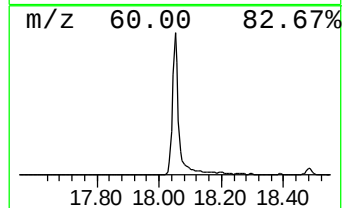
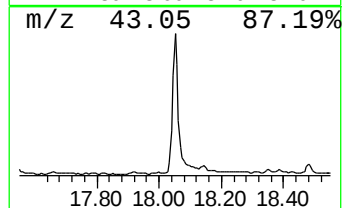
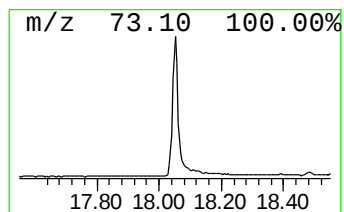
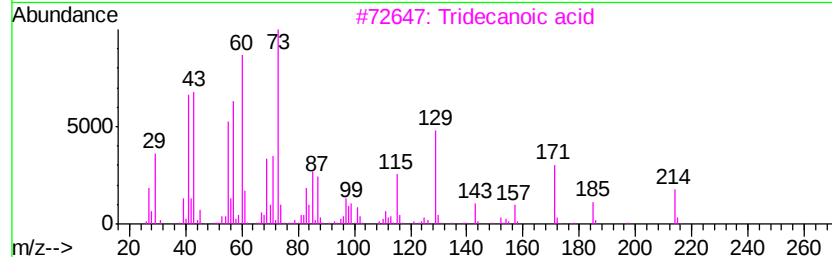
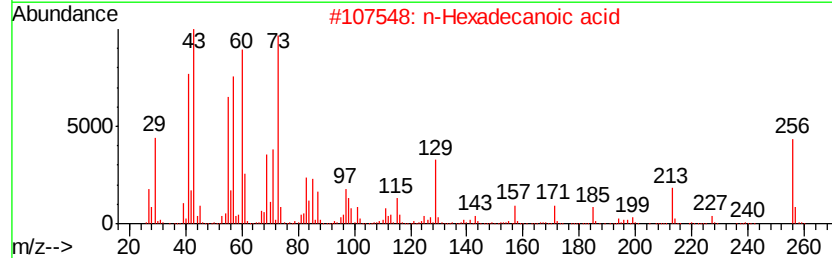
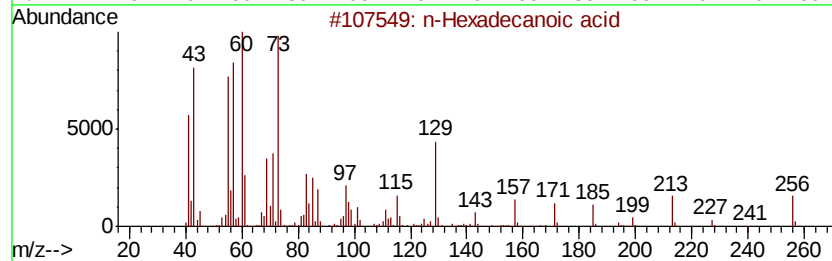
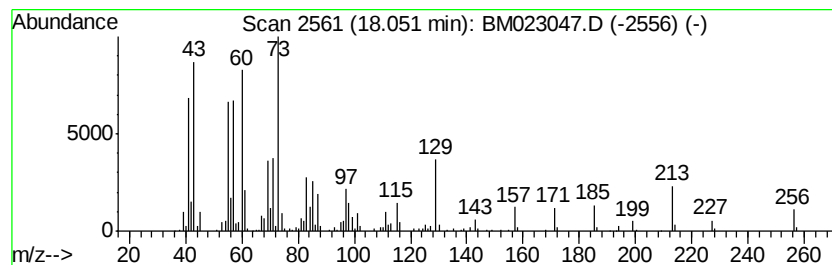
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	5.67 ng/ul	636975	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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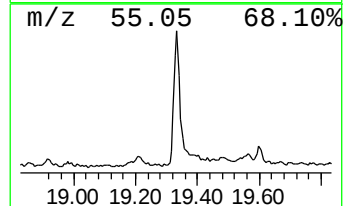
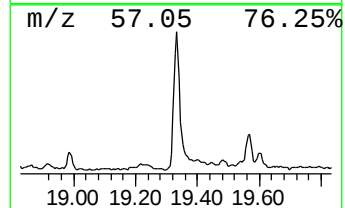
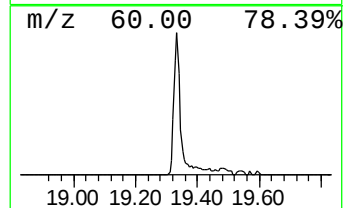
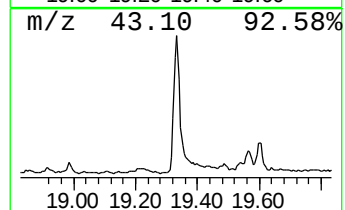
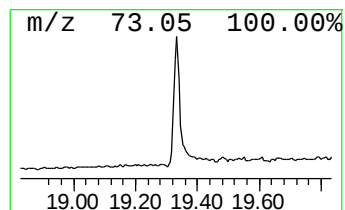
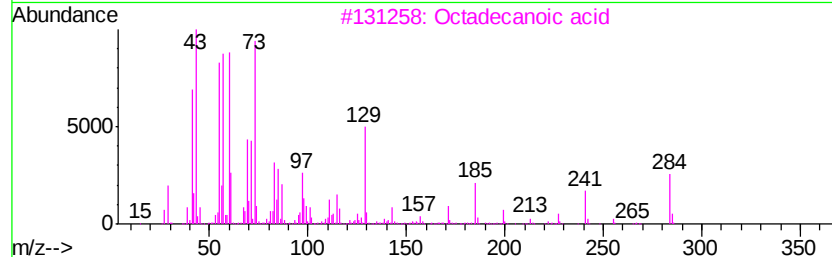
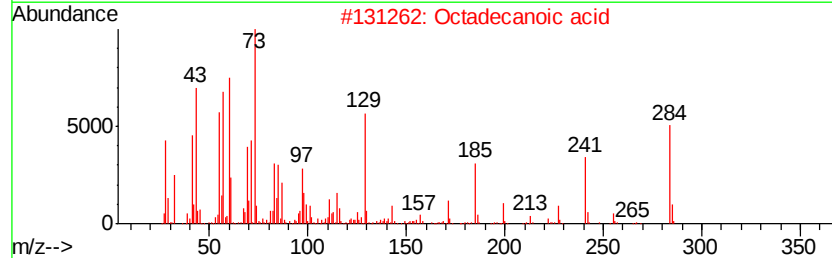
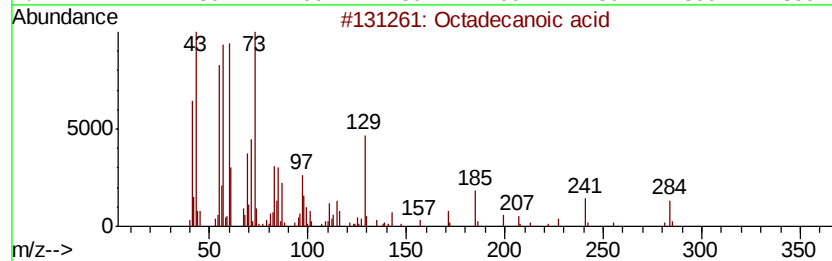
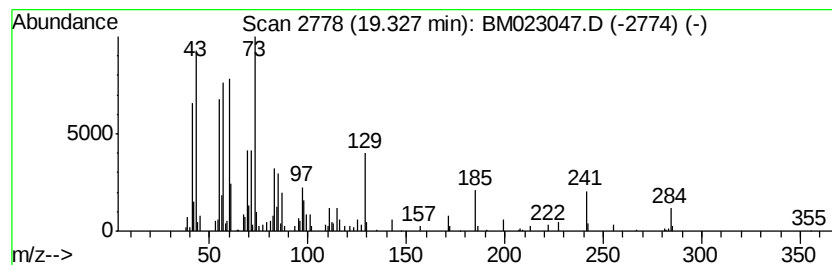
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.15 ng/ul	293887	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	98
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



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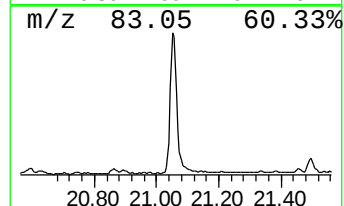
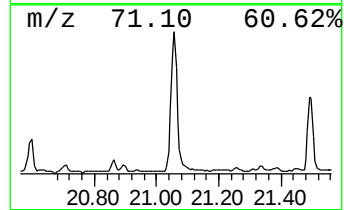
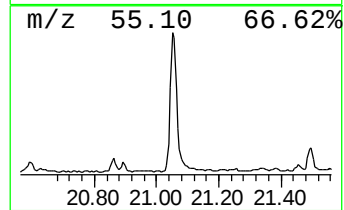
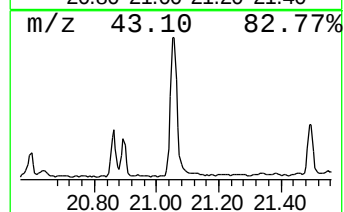
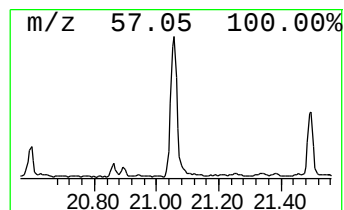
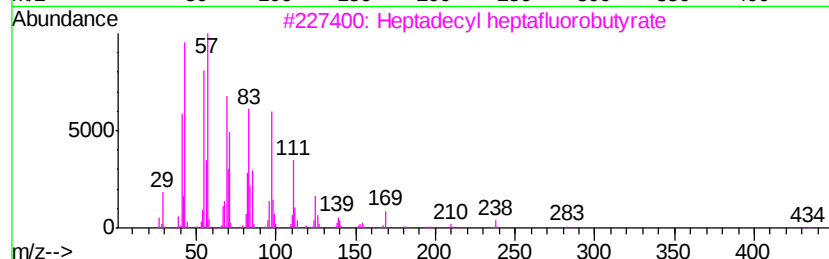
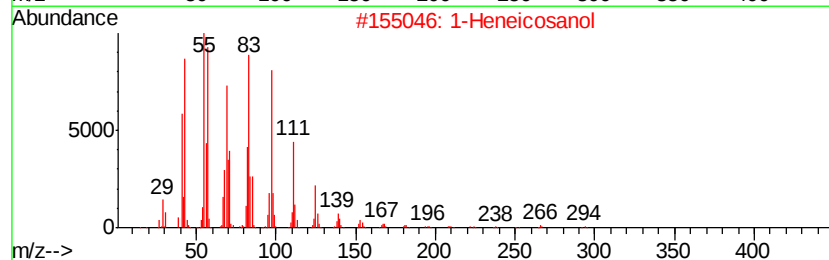
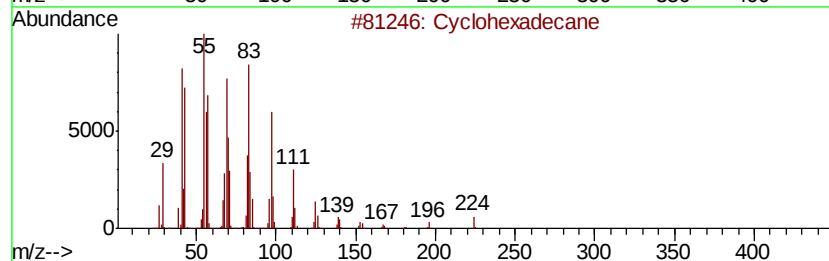
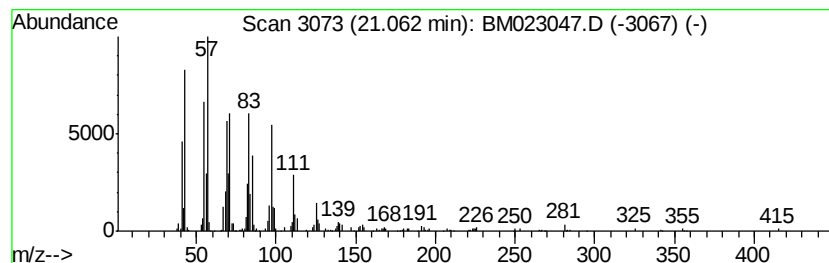
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.04 ng/ul	687948	Chrysene-d12	21.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexadecane	224	C16H32	000295-65-8	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	93
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100819\
Data File : BM023047.D
Acq On : 08 Oct 2019 16:11
Operator : JU
Sample : K5056-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAF1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Dodecanoic acid	14.85	8.9	ng/ul	873375	3	14.41	1961380	20.0
n-Hexadecanoic acid	18.05	5.7	ng/ul	636975	4	17.15	2245180	20.0
Octadecanoic acid	19.33	2.1	ng/ul	293887	5	21.33	2730530	20.0
(DEL) Alkane: Cyc...	21.06	5.0	ng/ul	687948	5	21.33	2730530	20.0