

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
 Data File : BG042139.D
 Acq On : 12 Aug 2019 10:41
 Operator : HP/JU
 Sample : K4161-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETOD7

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_G\METHODS\SOM-EPA-BG080319MA.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	3.143	4	9	30	rVB	1100353	1741332	63.28%	6.765%
2	3.408	50	54	65	rVB	15806	27641	1.00%	0.107%
3	4.071	162	167	172	rVB	7423	11061	0.40%	0.043%
4	4.165	180	183	188	rVB3	4114	5980	0.22%	0.023%
5	4.265	196	200	207	rVB6	3234	4886	0.18%	0.019%
6	6.392	557	562	565	rBV4	3618	4535	0.16%	0.018%
7	7.180	690	696	712	rBV2	69626	143790	5.23%	0.559%
8	7.344	717	724	735	rBV	205629	373611	13.58%	1.451%
9	7.556	751	760	772	rBV	258012	468961	17.04%	1.822%
10	8.026	831	840	851	rBV	238199	412827	15.00%	1.604%
11	8.737	953	961	976	rBV	209778	392072	14.25%	1.523%
12	9.189	1031	1038	1057	rBV	279432	512127	18.61%	1.990%
13	9.918	1155	1162	1177	rBV	238061	452725	16.45%	1.759%
14	10.470	1248	1256	1275	rBV	367689	766803	27.87%	2.979%
15	10.852	1310	1321	1330	rBV	329850	616682	22.41%	2.396%
16	10.999	1339	1346	1357	rVB3	11898	28335	1.03%	0.110%
17	12.444	1586	1592	1599	rBV3	7263	13211	0.48%	0.051%
18	13.578	1780	1785	1791	rVB4	3817	5539	0.20%	0.022%
19	14.083	1864	1871	1876	rBV	813835	1233385	44.82%	4.792%
20	14.130	1876	1879	1894	rVB	65752	101261	3.68%	0.393%
21	14.377	1913	1921	1933	rBV	970851	1539502	55.94%	5.981%
22	14.589	1952	1957	1960	rVB	3481	4788	0.17%	0.019%
23	14.683	1965	1973	1982	rBV	560419	931286	33.84%	3.618%
24	14.888	2000	2008	2023	rBV2	44413	114810	4.17%	0.446%
25	15.493	2108	2111	2115	rVV3	2255	3279	0.12%	0.013%
26	15.534	2115	2118	2122	rVB3	2677	3327	0.12%	0.013%
27	15.681	2136	2143	2156	rBV	1289283	2012639	73.14%	7.819%
28	15.793	2156	2162	2173	rBV	327569	520012	18.90%	2.020%
29	15.916	2179	2183	2190	rVB2	14416	23163	0.84%	0.090%
30	16.040	2200	2204	2208	rBV3	3375	3911	0.14%	0.015%
31	16.181	2226	2228	2232	rVB3	2819	3312	0.12%	0.013%
32	16.240	2236	2238	2241	rBV2	2308	2810	0.10%	0.011%
33	16.316	2247	2251	2254	rBV4	5254	6981	0.25%	0.027%
34	16.398	2260	2265	2271	rVV2	23384	30745	1.12%	0.119%

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35	16.463	2273	2276	2280	rVB4	6075	8944	0.33%	0.035%
36	16.839	2336	2340	2344	rBV4	3744	4983	0.18%	0.019%
37	16.886	2344	2348	2357	rVB2	11310	18334	0.67%	0.071%
38	17.027	2365	2372	2378	rBV	19878	29208	1.06%	0.113%
39	17.115	2384	2387	2390	rVB2	2723	2759	0.10%	0.011%
40	17.191	2397	2400	2403	rBV3	3393	4536	0.16%	0.018%
41	17.221	2403	2405	2409	rVB3	2132	2879	0.10%	0.011%
42	17.350	2422	2427	2431	rVB5	2717	4305	0.16%	0.017%
43	17.438	2434	2442	2452	rBV2	745675	1155340	41.98%	4.489%
44	17.538	2452	2459	2469	rVB2	1392141	2178994	79.18%	8.465%
45	17.820	2499	2507	2517	rBV10	13137	40080	1.46%	0.156%
46	17.938	2522	2527	2532	rVB6	8179	14036	0.51%	0.055%
47	18.114	2549	2557	2562	rBV6	4828	10418	0.38%	0.040%
48	18.208	2570	2573	2578	rBV5	5526	9265	0.34%	0.036%
49	18.278	2581	2585	2589	rBV6	4422	7906	0.29%	0.031%
50	18.331	2589	2594	2603	rBV	192819	299727	10.89%	1.164%
51	18.443	2611	2613	2619	rVB6	5773	8497	0.31%	0.033%
52	18.613	2638	2642	2648	rBV2	45238	66034	2.40%	0.257%
53	18.666	2648	2651	2657	rVB3	8845	12052	0.44%	0.047%
54	18.813	2674	2676	2681	rVB5	4455	6690	0.24%	0.026%
55	18.989	2704	2706	2710	rBV5	3118	4269	0.16%	0.017%
56	19.030	2710	2713	2718	rBV4	12813	15765	0.57%	0.061%
57	19.201	2737	2742	2745	rBV6	5611	11134	0.40%	0.043%
58	19.254	2748	2751	2755	rVB	21839	23073	0.84%	0.090%
59	19.465	2782	2787	2790	rBV2	25191	39180	1.42%	0.152%
60	19.600	2805	2810	2821	rBV2	71997	136864	4.97%	0.532%
61	19.712	2825	2829	2833	rVB	16667	27538	1.00%	0.107%
62	19.824	2842	2848	2860	rBV2	1764953	2625507	95.41%	10.200%
63	20.100	2892	2895	2899	rBV5	9050	9771	0.36%	0.038%
64	20.194	2907	2911	2914	rBV5	8394	10733	0.39%	0.042%
65	20.335	2932	2935	2936	rBV3	17243	17979	0.65%	0.070%
66	20.687	2992	2995	2998	rBV3	24614	26438	0.96%	0.103%
67	20.852	3019	3023	3027	rBV	46513	58792	2.14%	0.228%
68	21.369	3106	3111	3119	rBV2	160309	280478	10.19%	1.090%
69	21.721	3164	3171	3184	rBV	781361	1342203	48.77%	5.215%
70	21.921	3202	3205	3209	rVB2	25570	35718	1.30%	0.139%
71	22.544	3306	3311	3315	rBV2	57540	94498	3.43%	0.367%

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72	23.249	3427	3431	3440	rVB3	50639	99786	3.63%	0.388%
73	24.077	3565	3572	3579	rBV2	67010	148105	5.38%	0.575%
74	24.765	3677	3689	3704	rBV	920489	2751839	100.00%	10.691%
75	24.988	3716	3727	3736	rBV2	464297	1399821	50.87%	5.438%
76	26.204	3927	3934	3944	rVB2	44042	129579	4.71%	0.503%
77	27.256	4111	4113	4114	rBV2	9752	6013	0.22%	0.023%
78	27.597	4165	4171	4172	rBV6	22787	42389	1.54%	0.165%

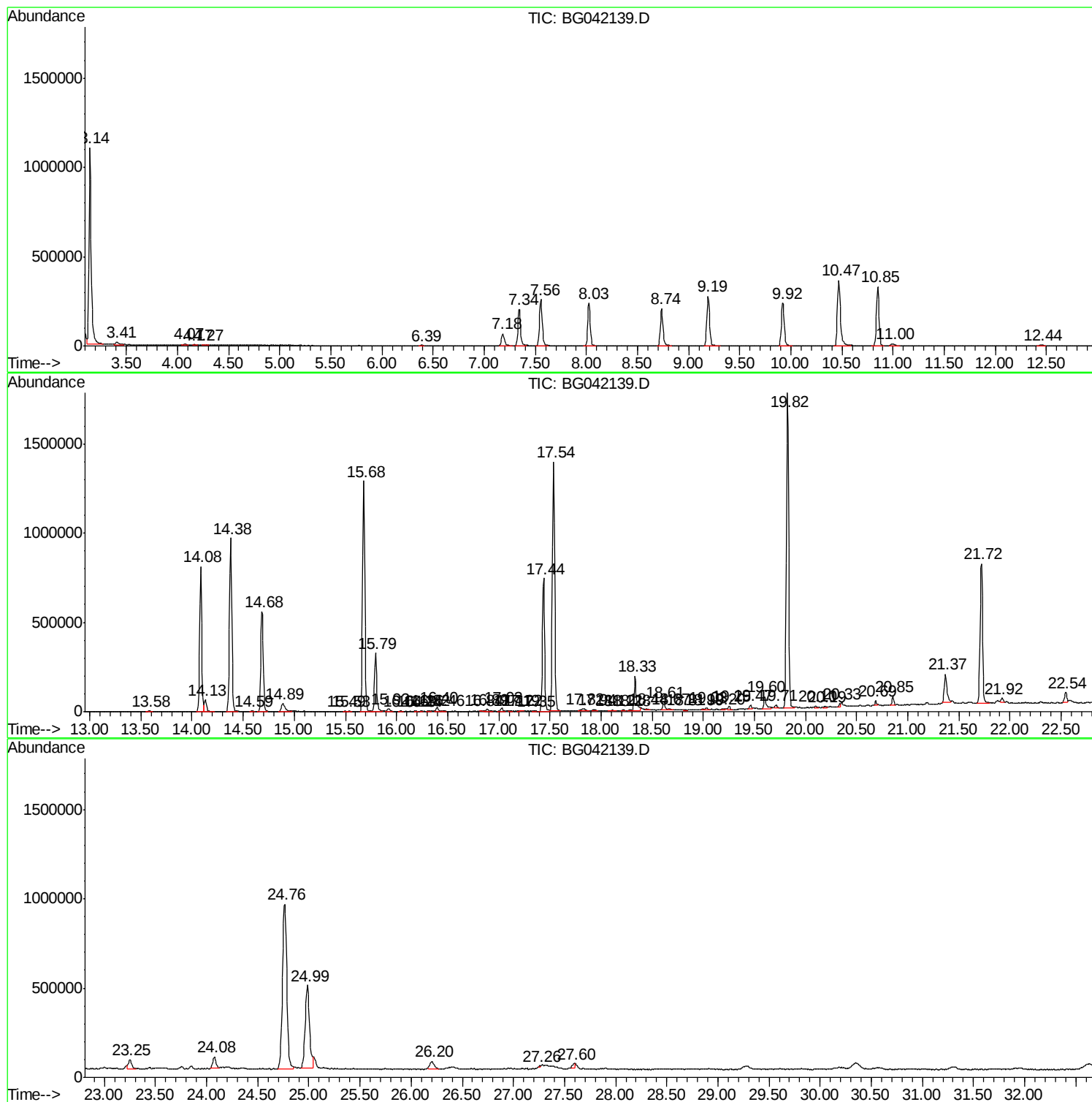
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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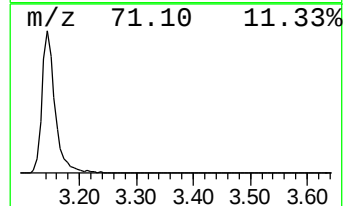
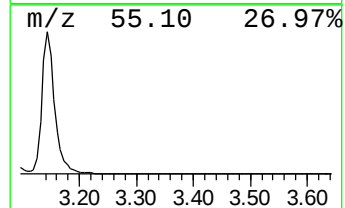
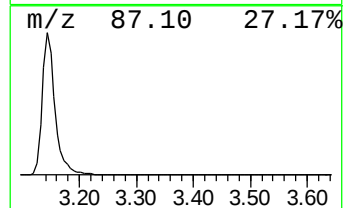
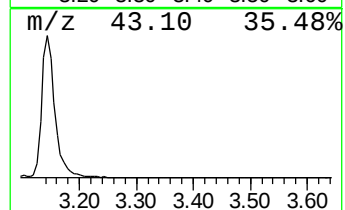
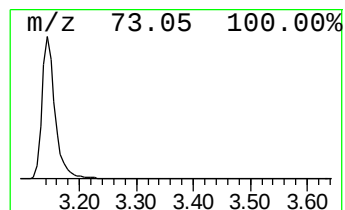
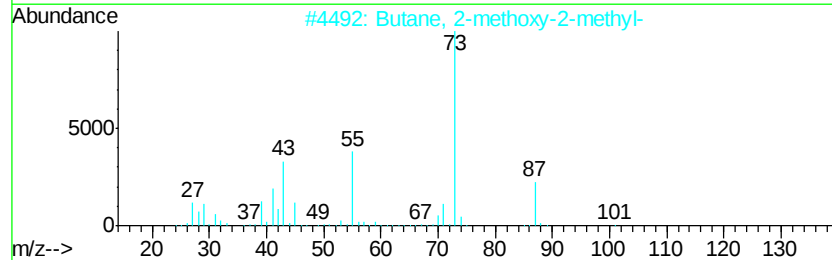
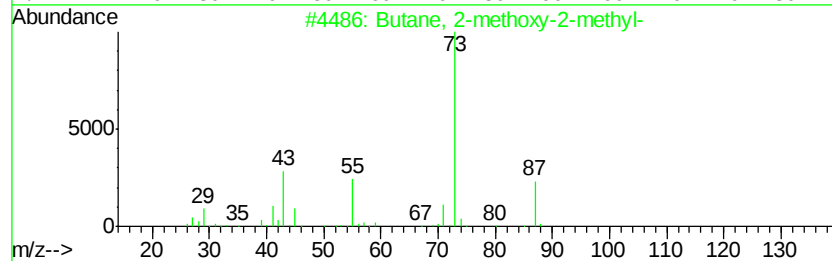
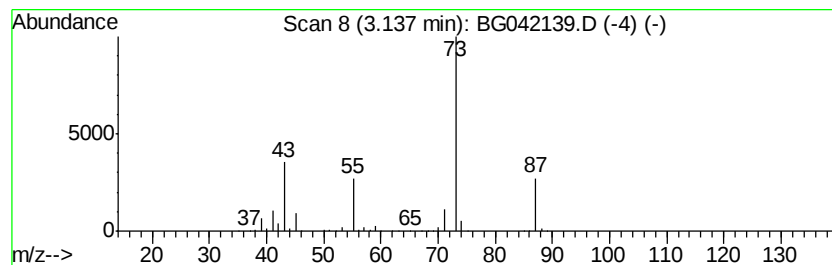
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	84.36 ng/ul	1741330	1,4-Dichlorobenzene-d4	8.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45	
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39	
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23	
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9	



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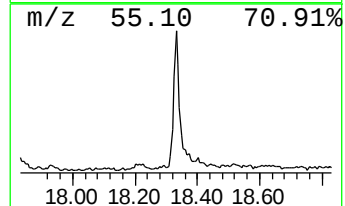
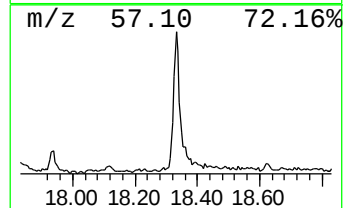
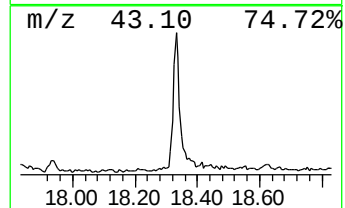
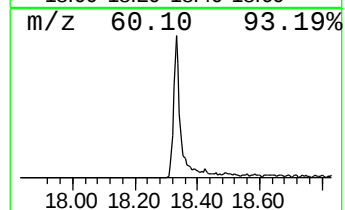
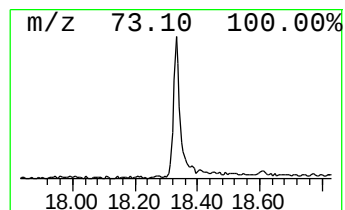
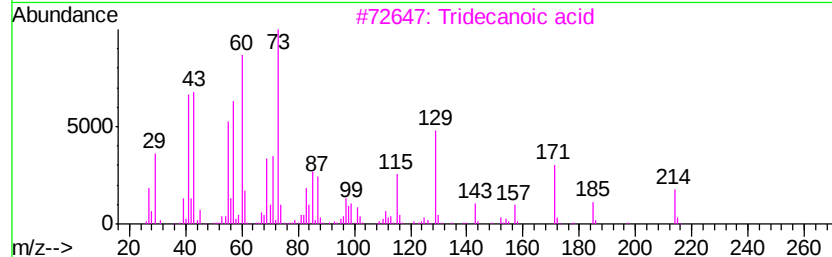
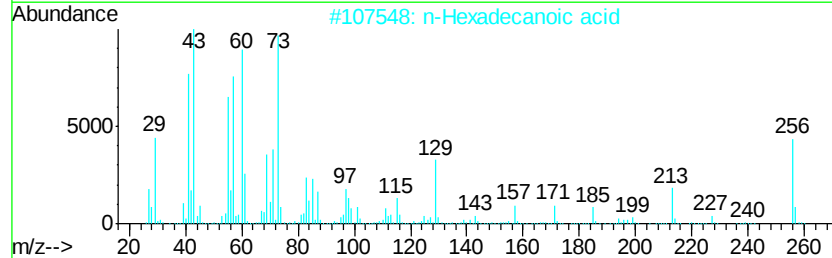
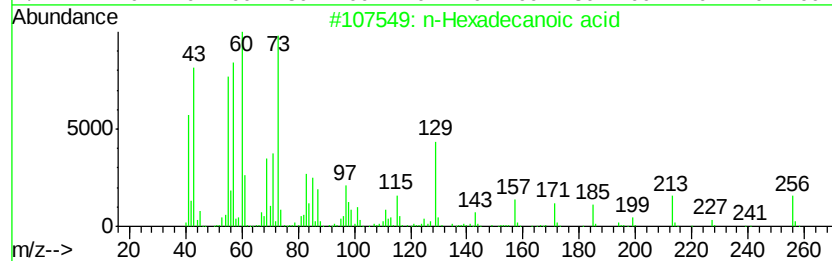
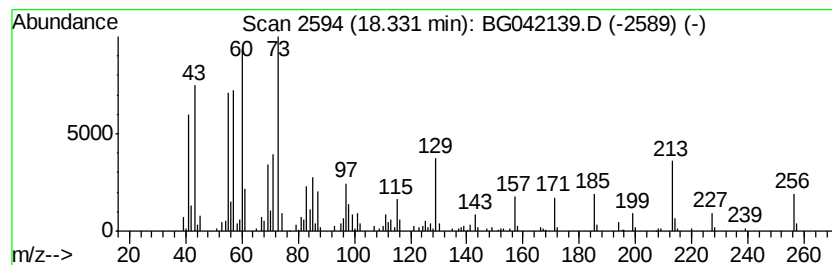
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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.
18.33	5.19 ng/ul	299727	Phenanthrene-d10	17.44

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		Tridecanoic acid	214	C13H26O2	000638-53-9	96
4		Tridecanoic acid	214	C13H26O2	000638-53-9	96
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76



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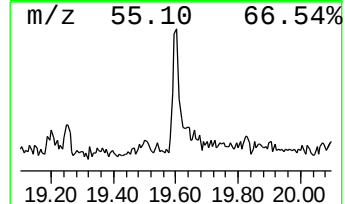
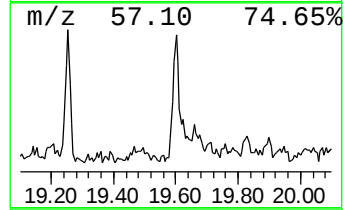
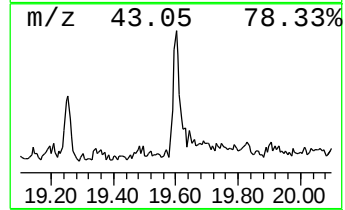
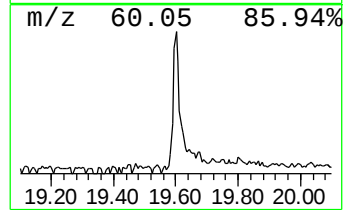
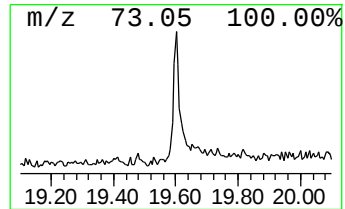
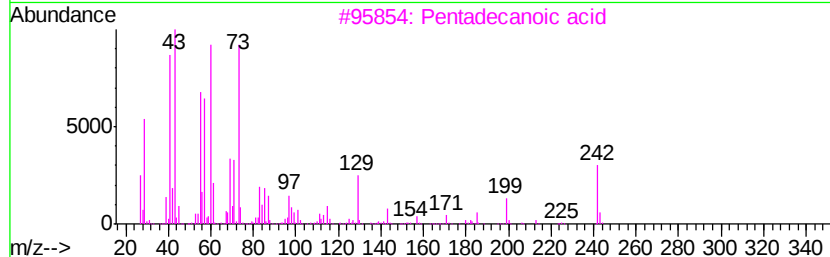
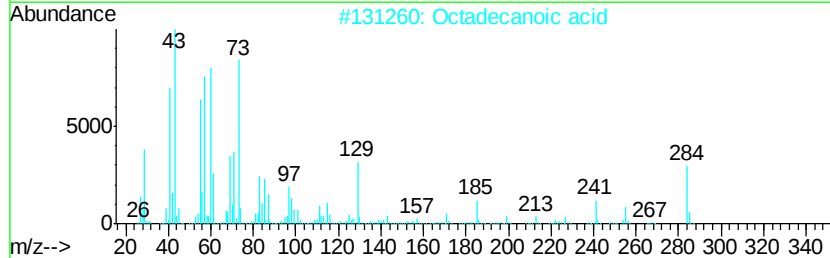
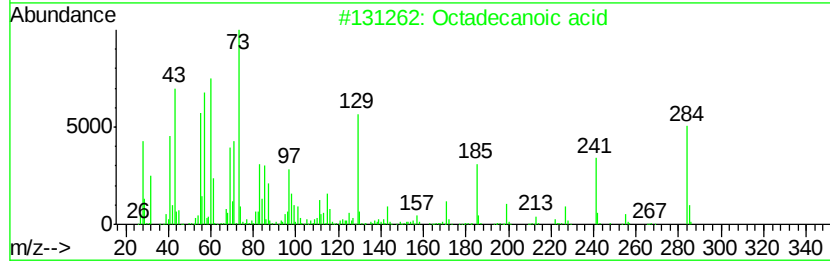
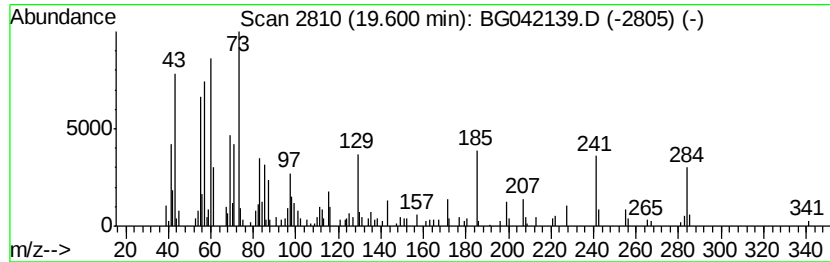
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.04 ng/ul	136864	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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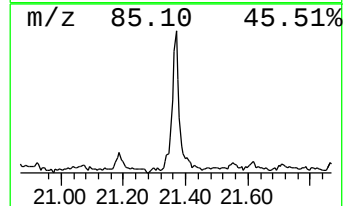
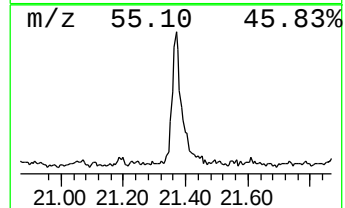
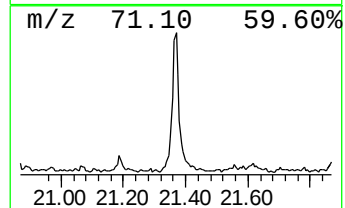
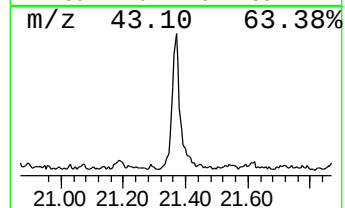
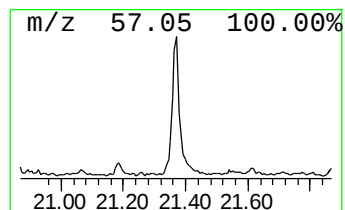
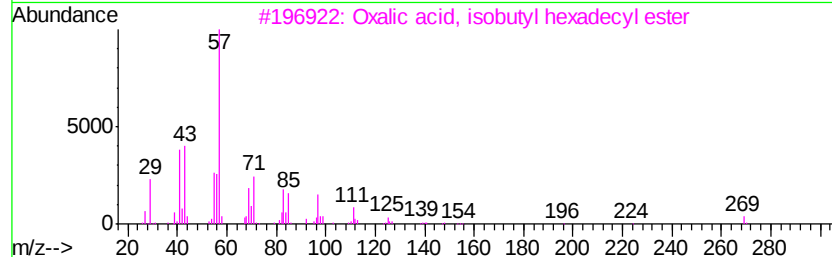
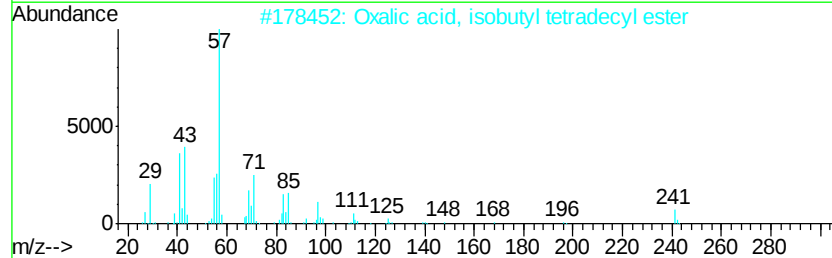
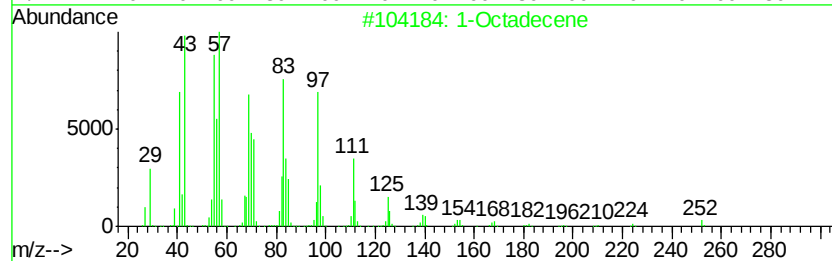
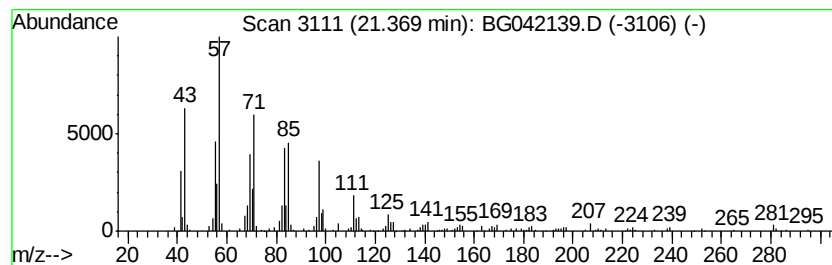
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.37 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.18 ng/ul	280478	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	95
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	90
4		1-Heptadecene	238	C17H34	006765-39-5	90
5		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042139.D
Acq On : 12 Aug 2019 10:41
Operator : HP/JU
Sample : K4161-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD7

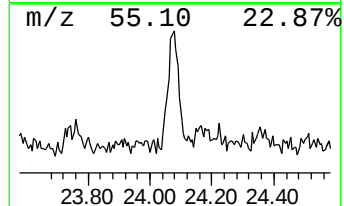
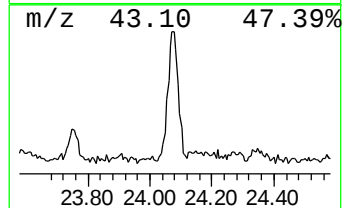
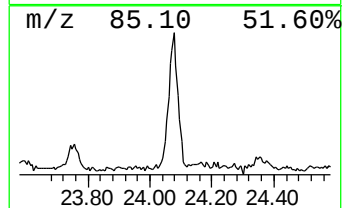
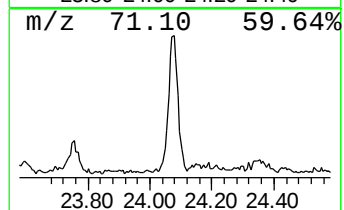
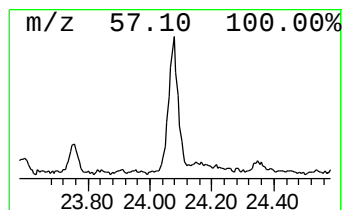
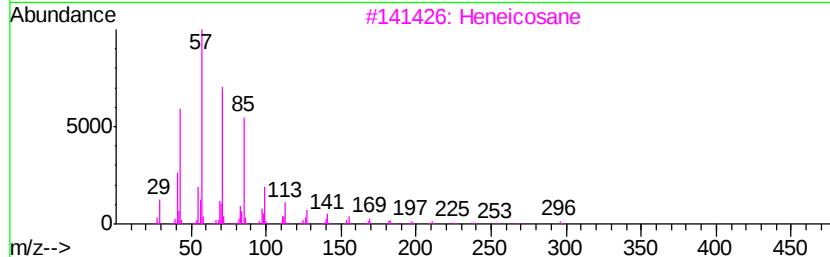
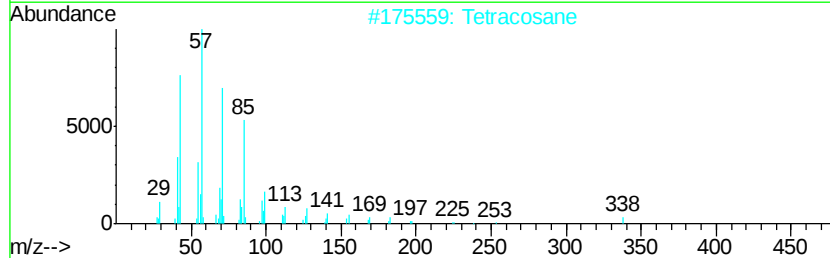
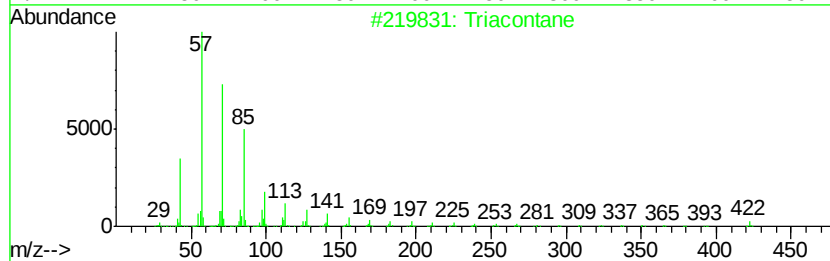
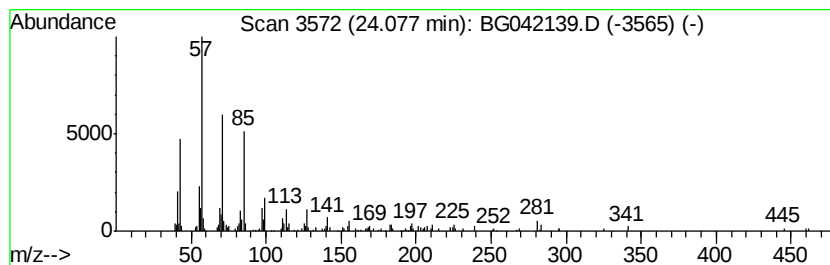
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.12 ng/ul	148105	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Tetracosane	338	C24H50	000646-31-1	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Tetracontane	563	C40H82	004181-95-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042139.D
Acq On : 12 Aug 2019 10:41
Operator : HP/JU
Sample : K4161-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETOD7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.14	84.4	ng/ul	1741330	1	8.03	412827	20.0
n-Hexadecanoic acid	18.33	5.2	ng/ul	299727	4	17.44	1155340	20.0
Octadecanoic acid	19.60	2.0	ng/ul	136864	5	21.72	1342200	20.0
(DEL) Alkane: Cyc...	21.37	4.2	ng/ul	280478	5	21.72	1342200	20.0
(DEL) Alkane: Str...	24.08	2.1	ng/ul	148105	6	24.98	1399820	20.0