

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
 Data File : BG042127.D
 Acq On : 10 Aug 2019 16:38
 Operator : HP/JU
 Sample : K4184-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AA8

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	3.144	5	9	25	rVB	468797	797721	35.95%	3.479%
2	3.414	51	55	61	rVB	11869	18911	0.85%	0.082%
3	3.584	82	84	88	rVB3	3351	2562	0.12%	0.011%
4	3.696	101	103	105	rBV2	2618	2902	0.13%	0.013%
5	4.078	163	168	172	rVB4	3171	5760	0.26%	0.025%
6	4.172	178	184	190	rVB4	4708	8297	0.37%	0.036%
7	5.112	340	344	349	rVB3	3088	5000	0.23%	0.022%
8	6.099	508	512	516	rBV5	1958	2320	0.10%	0.010%
9	7.180	690	696	709	rBV2	47906	110487	4.98%	0.482%
10	7.345	716	724	735	rBV	154603	276521	12.46%	1.206%
11	7.556	752	760	771	rBV	190511	353152	15.91%	1.540%
12	8.026	833	840	849	rBV	267839	467577	21.07%	2.039%
13	8.091	849	851	857	rVB5	2652	4134	0.19%	0.018%
14	8.737	954	961	973	rBV	151934	285078	12.85%	1.243%
15	9.189	1030	1038	1056	rBV	205451	386994	17.44%	1.688%
16	9.636	1109	1114	1120	rVB3	2258	4422	0.20%	0.019%
17	9.924	1156	1163	1179	rBV	186657	350434	15.79%	1.528%
18	10.470	1248	1256	1272	rBV	275510	586689	26.44%	2.559%
19	10.852	1311	1321	1330	rBV	377084	694259	31.28%	3.028%
20	10.993	1340	1345	1352	rBV6	4785	9592	0.43%	0.042%
21	12.444	1586	1592	1600	rBV	5151	10960	0.49%	0.048%
22	13.296	1732	1737	1745	rVB5	2133	4156	0.19%	0.018%
23	13.537	1769	1778	1780	rBV3	1432	3077	0.14%	0.013%
24	13.578	1780	1785	1791	rVB2	2228	3163	0.14%	0.014%
25	14.084	1864	1871	1876	rBV	650180	978012	44.07%	4.266%
26	14.131	1876	1879	1890	rVB	199682	289090	13.03%	1.261%
27	14.378	1908	1921	1931	rBV2	750842	1200692	54.11%	5.237%
28	14.589	1951	1957	1962	rBV4	1794	3557	0.16%	0.016%
29	14.689	1962	1974	1986	rBV	674482	1078209	48.59%	4.703%
30	14.895	2002	2009	2020	rBV3	31794	82854	3.73%	0.361%
31	15.100	2040	2044	2048	rBV5	2009	3116	0.14%	0.014%
32	15.135	2048	2050	2056	rVB2	2108	3106	0.14%	0.014%
33	15.423	2093	2099	2106	rBV	18008	27233	1.23%	0.119%
34	15.482	2106	2109	2115	rVB4	2368	3908	0.18%	0.017%

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35	15.529	2115	2117	2122	rBV2	2450	4025	0.18%	0.018%
36	15.682	2136	2143	2154	rBV	1024924	1592385	71.76%	6.945%
37	15.799	2157	2163	2172	rBV	263041	422135	19.02%	1.841%
38	15.923	2178	2184	2191	rVB4	13793	21799	0.98%	0.095%
39	16.040	2200	2204	2206	rBV4	2586	3045	0.14%	0.013%
40	16.405	2261	2266	2270	rVV7	2982	4727	0.21%	0.021%
41	16.463	2272	2276	2281	rVB3	5424	8655	0.39%	0.038%
42	17.198	2396	2401	2403	rBV3	3993	5359	0.24%	0.023%
43	17.227	2403	2406	2412	rVB6	3940	7310	0.33%	0.032%
44	17.356	2426	2428	2431	rVB4	2097	2511	0.11%	0.011%
45	17.439	2435	2442	2452	rVV2	869474	1347481	60.72%	5.877%
46	17.539	2452	2459	2468	rVB	1137144	1753936	79.04%	7.650%
47	17.727	2488	2491	2493	rVB4	2171	2380	0.11%	0.010%
48	17.938	2523	2527	2530	rBV5	3403	4731	0.21%	0.021%
49	18.108	2553	2556	2558	rVB3	3176	3407	0.15%	0.015%
50	18.214	2570	2574	2575	rBV4	2803	3570	0.16%	0.016%
51	18.273	2583	2584	2588	rBV4	1868	2348	0.11%	0.010%
52	18.332	2589	2594	2602	rBV	120923	175157	7.89%	0.764%
53	18.578	2634	2636	2638	rVB3	2745	2429	0.11%	0.011%
54	18.631	2641	2645	2648	rBV5	6671	10221	0.46%	0.045%
55	18.667	2648	2651	2654	rBV5	4625	6380	0.29%	0.028%
56	18.725	2659	2661	2663	rVV3	2404	2388	0.11%	0.010%
57	18.796	2669	2673	2674	rBV4	2429	3038	0.14%	0.013%
58	18.866	2683	2685	2687	rBV3	3843	3609	0.16%	0.016%
59	19.254	2748	2751	2754	rBV3	12619	15490	0.70%	0.068%
60	19.466	2781	2787	2797	rBV2	23154	49067	2.21%	0.214%
61	19.601	2806	2810	2816	rBV3	28273	44826	2.02%	0.196%
62	19.718	2826	2830	2834	rVB2	11372	15466	0.70%	0.067%
63	19.824	2842	2848	2859	rBV	1484800	2200455	99.16%	9.597%
64	20.359	2936	2939	2943	rVB3	26406	32138	1.45%	0.140%
65	20.717	2998	3000	3001	rBV2	13812	12186	0.55%	0.053%
66	20.858	3020	3024	3027	rVB2	42157	51865	2.34%	0.226%
67	21.369	3106	3111	3122	rBV	185609	347673	15.67%	1.516%
68	21.722	3164	3171	3188	rBV2	918883	1553906	70.02%	6.777%
69	21.927	3201	3206	3211	rBV	87581	127048	5.72%	0.554%
70	22.544	3306	3311	3317	rBV	117856	208859	9.41%	0.911%
71	23.255	3426	3432	3440	rVB2	143599	281640	12.69%	1.228%

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72	23.449	3460	3465	3472	rVB2	37556	80639	3.63%	0.352%
73	24.084	3567	3573	3584	rVB2	134676	303568	13.68%	1.324%
74	24.771	3679	3690	3703	rVB	792680	2219186	100.00%	9.679%
75	24.994	3718	3728	3736	rBV	582604	1640073	73.90%	7.153%
76	26.217	3929	3936	3949	rVB3	88456	286862	12.93%	1.251%

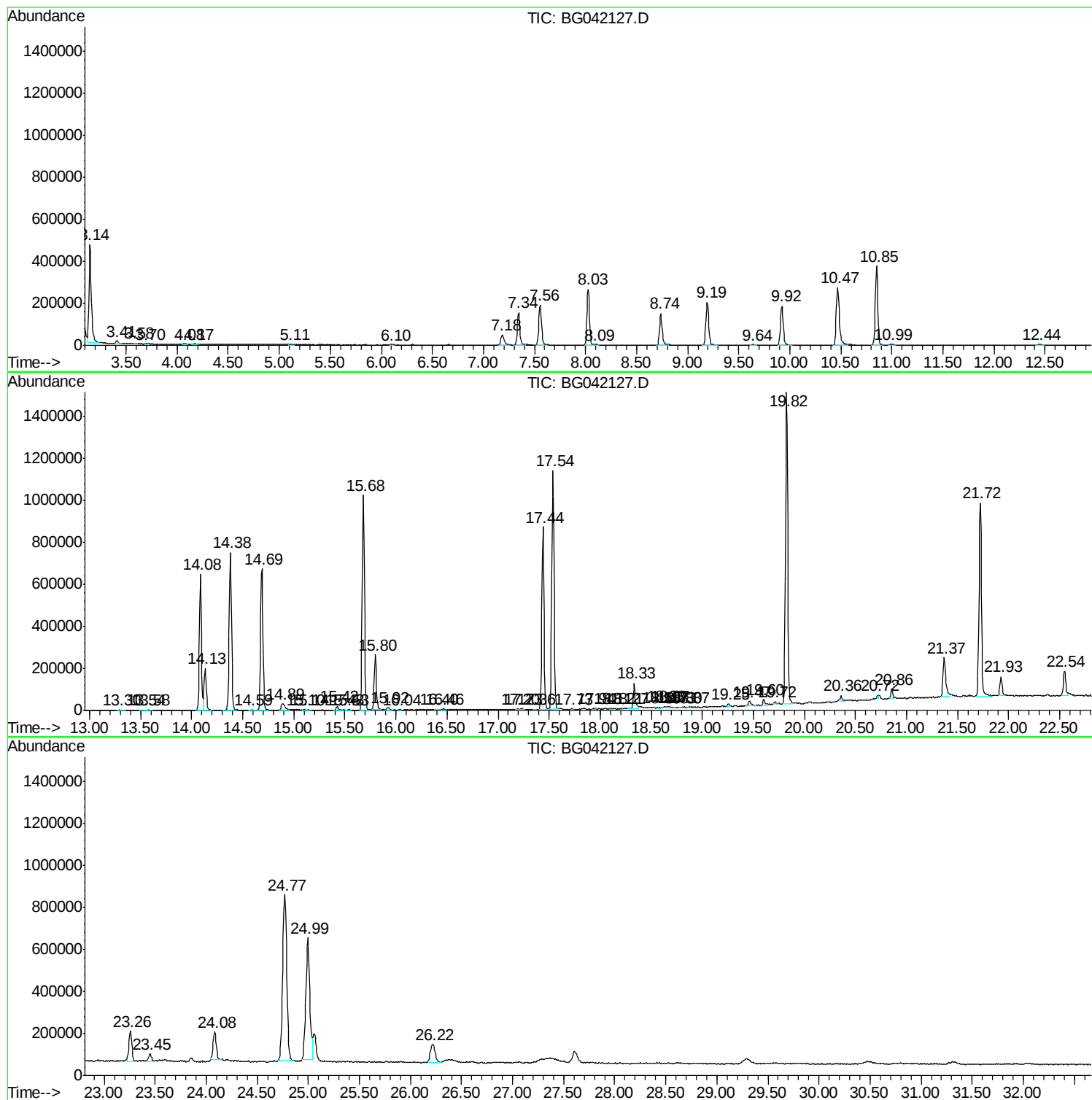
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
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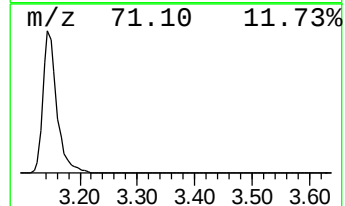
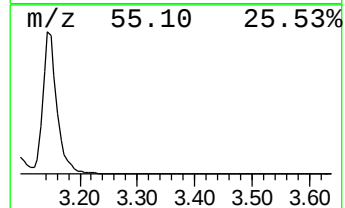
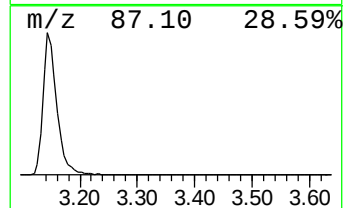
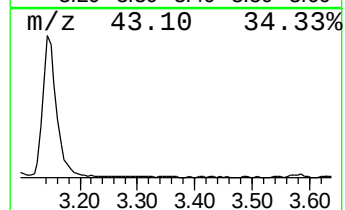
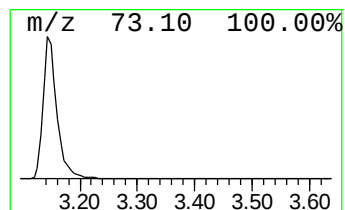
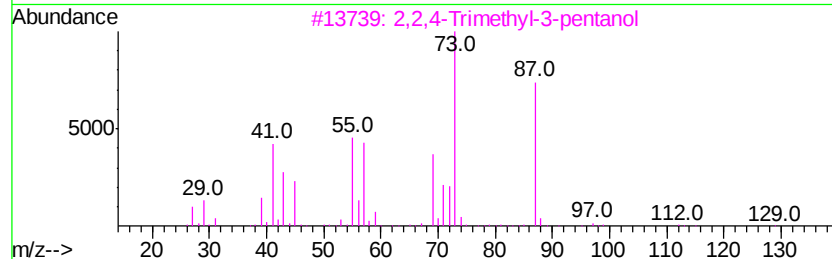
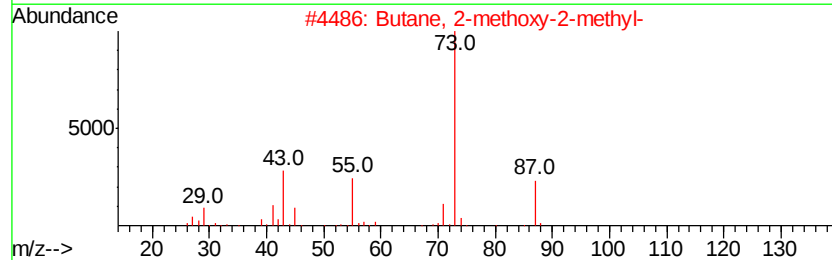
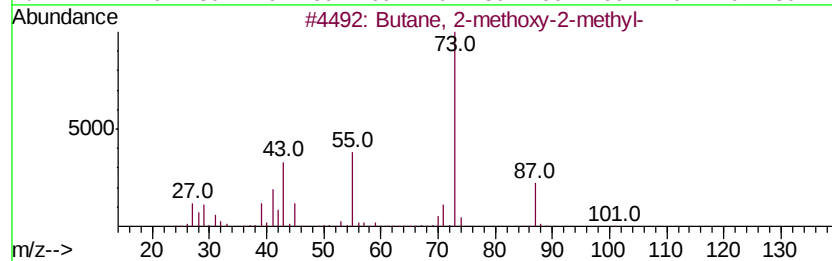
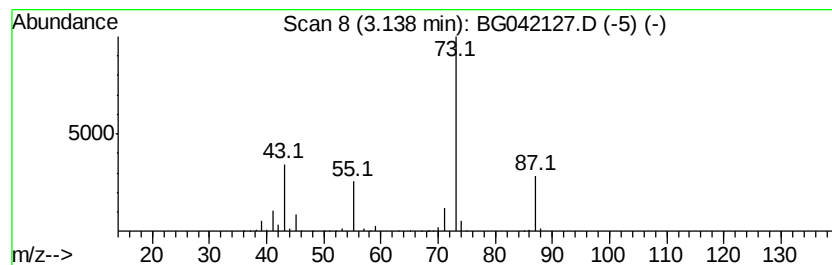
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	34.12 ng/ul	797721	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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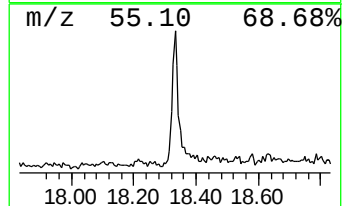
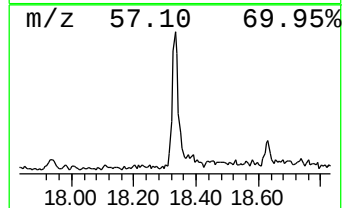
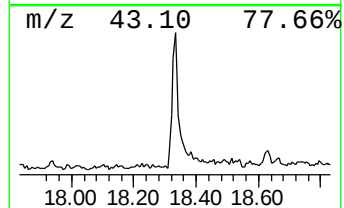
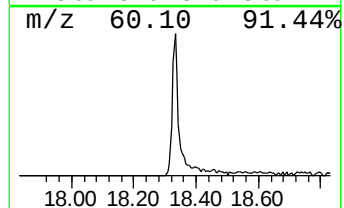
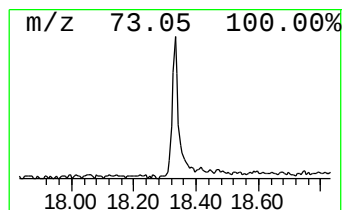
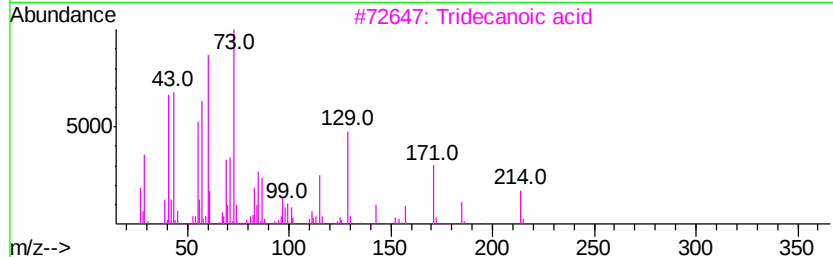
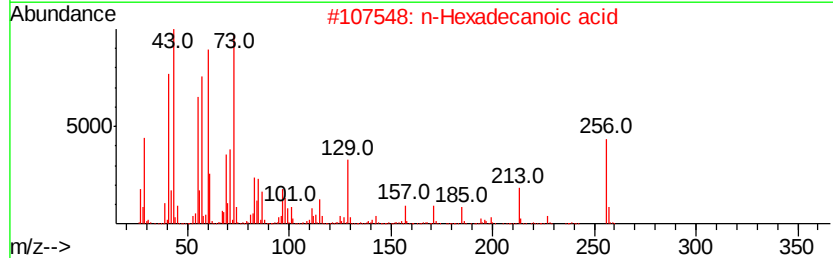
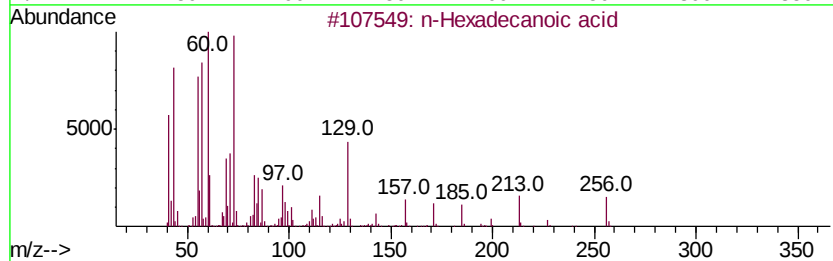
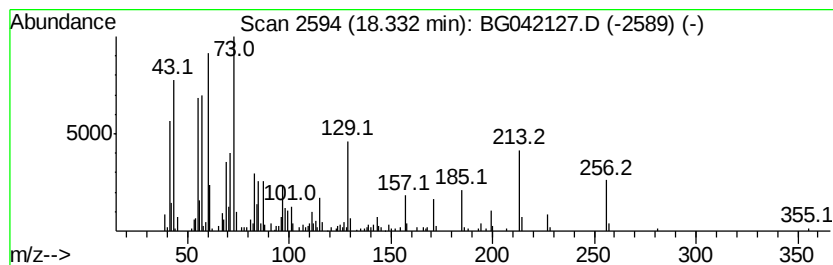
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.60 ng/ul	175157	Phenanthrene-d10	17.44

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	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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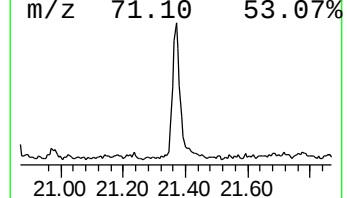
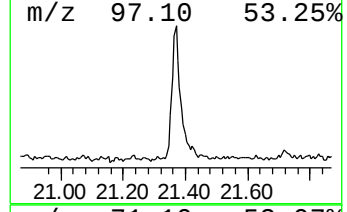
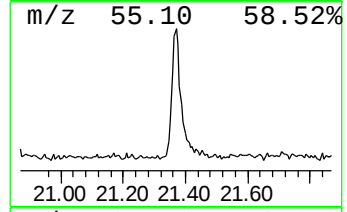
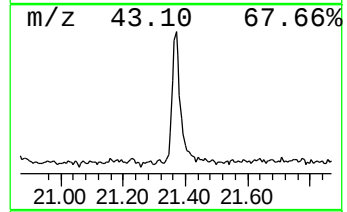
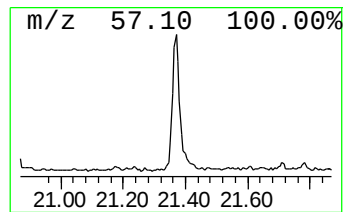
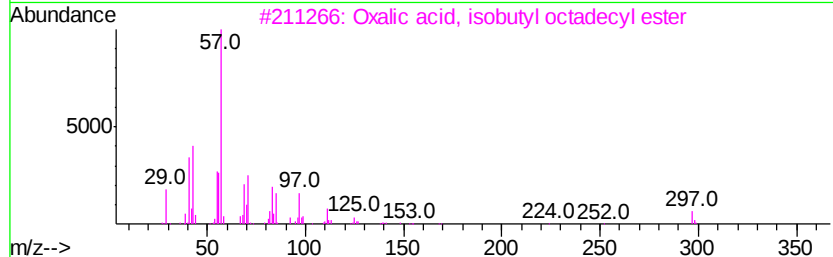
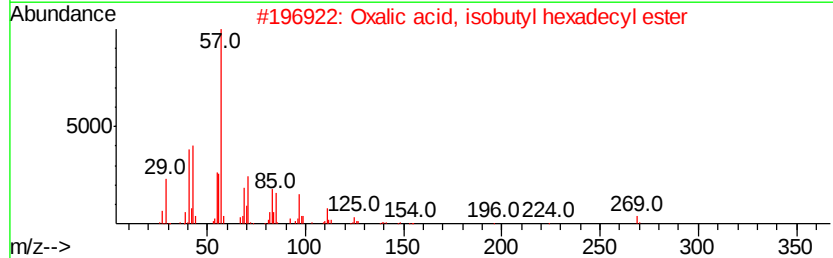
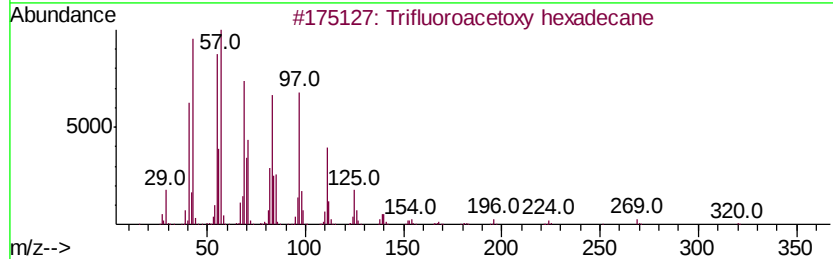
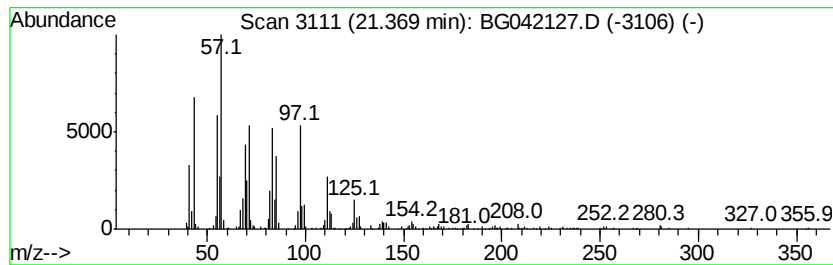
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.47 ng/ul	347673	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91



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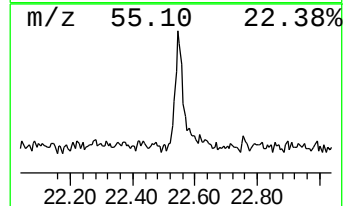
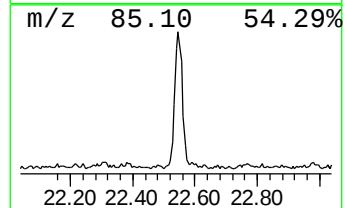
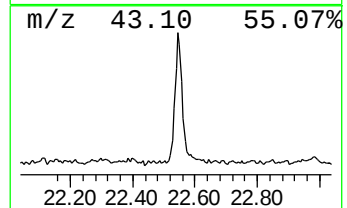
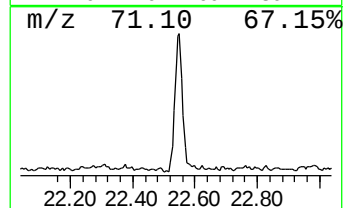
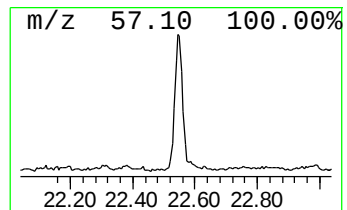
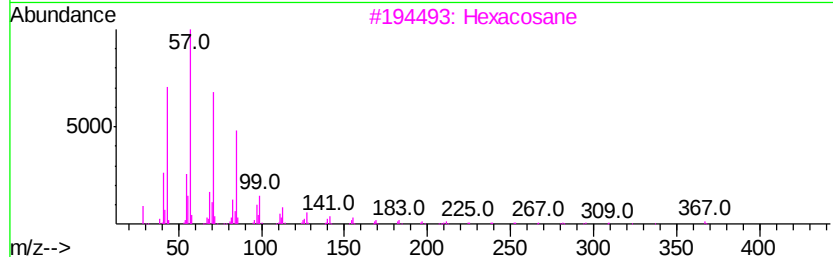
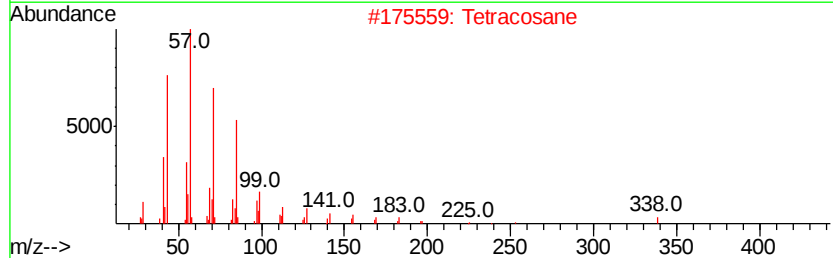
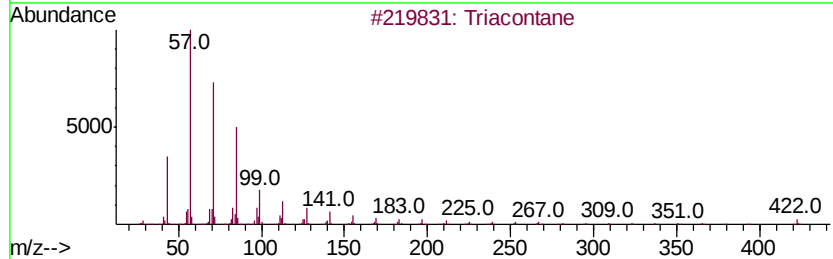
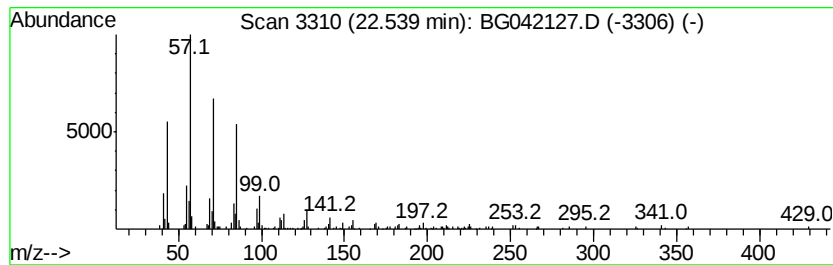
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.69 ng/ul	208859	Chrysene-d12	21.72

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		Hexacosane	366	C26H54	000630-01-3	90
4		Docosane	310	C22H46	000629-97-0	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042127.D
Acq On : 10 Aug 2019 16:38
Operator : HP/JU
Sample : K4184-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA8

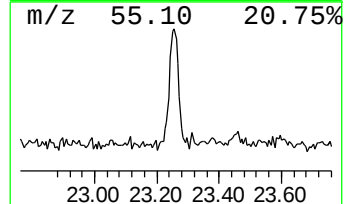
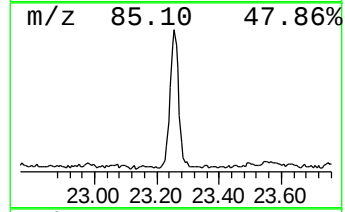
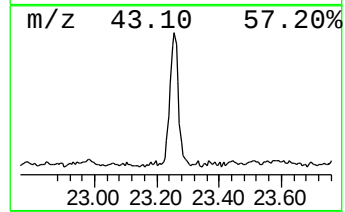
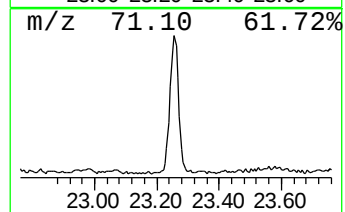
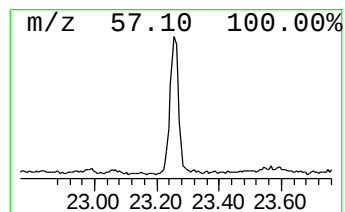
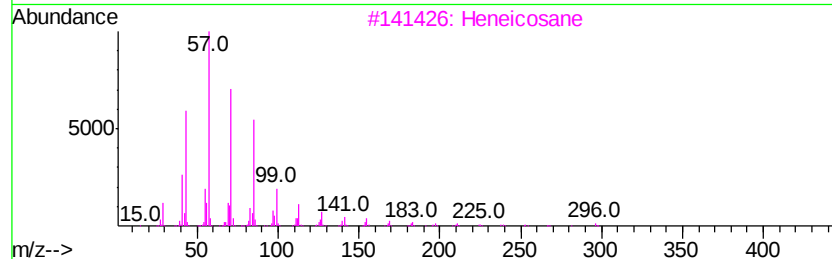
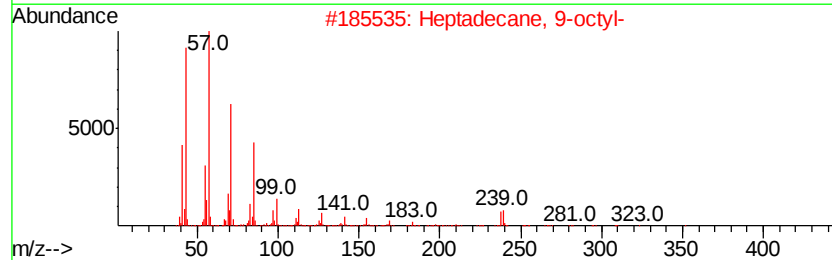
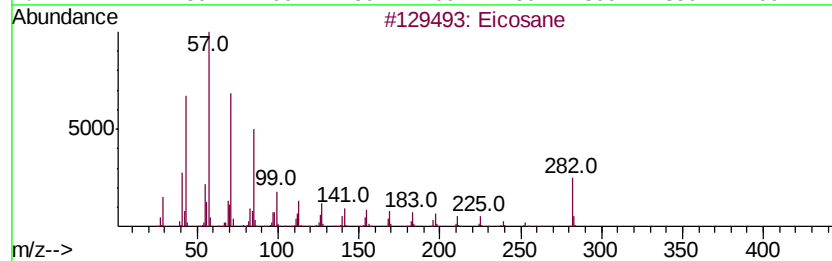
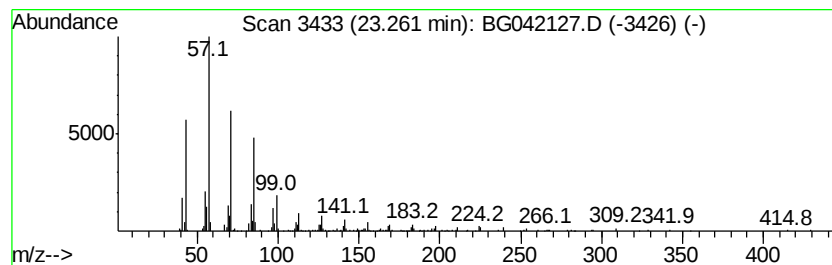
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Quant Title : SVOA CALIBRATION

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.
23.26	3.62 ng/ul	281640	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042127.D
Acq On : 10 Aug 2019 16:38
Operator : HP/JU
Sample : K4184-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA8

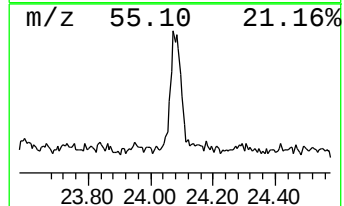
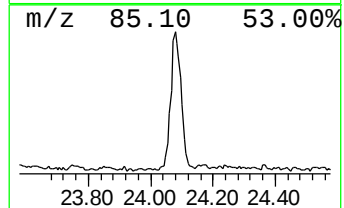
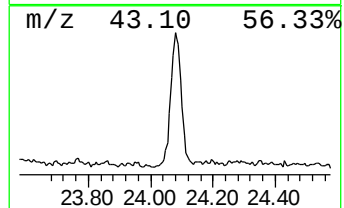
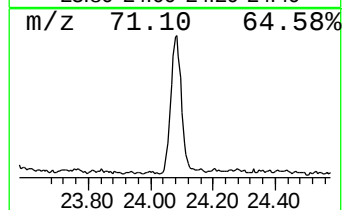
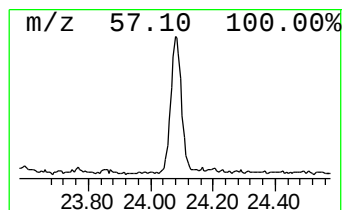
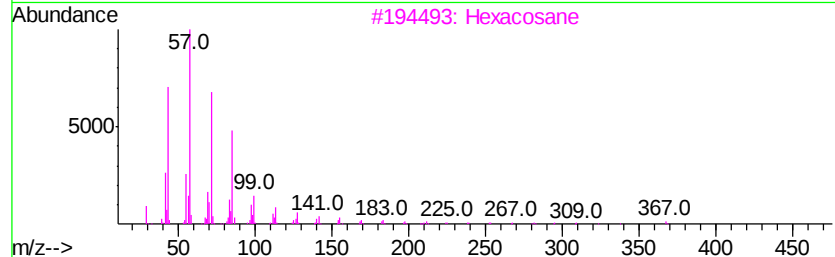
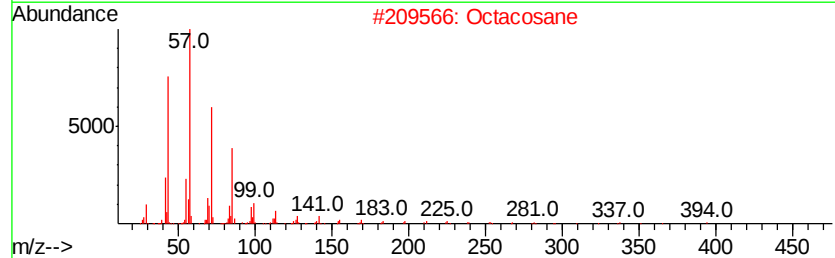
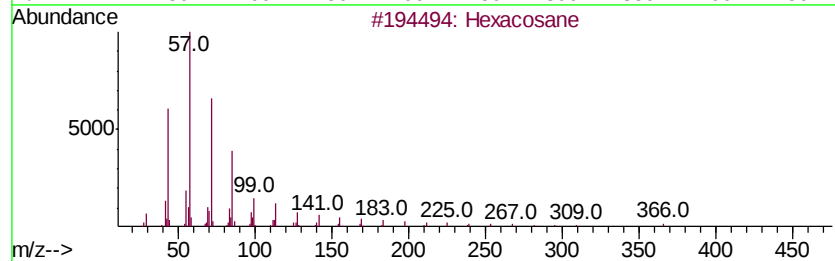
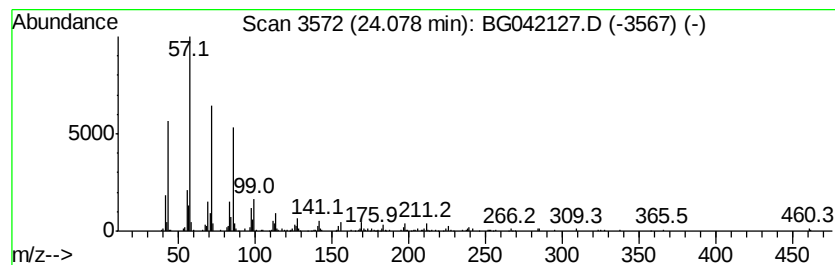
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	3.70 ng/ul	303568	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042127.D
Acq On : 10 Aug 2019 16:38
Operator : HP/JU
Sample : K4184-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA8

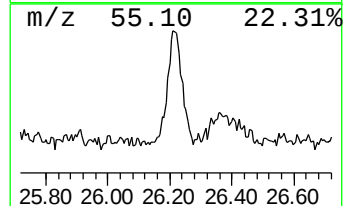
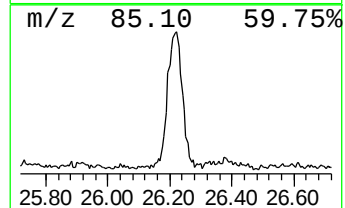
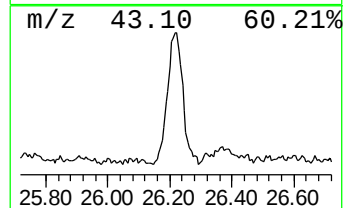
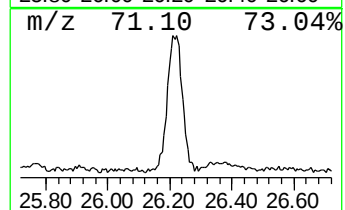
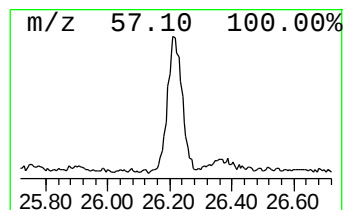
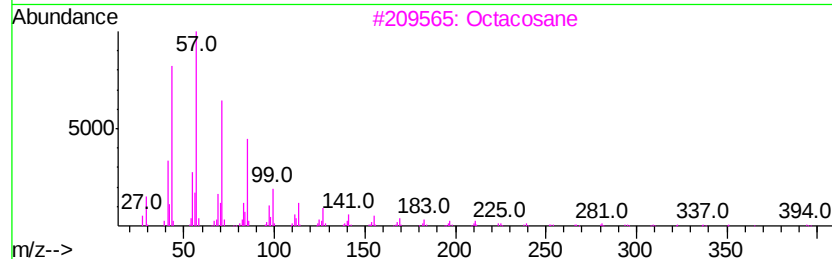
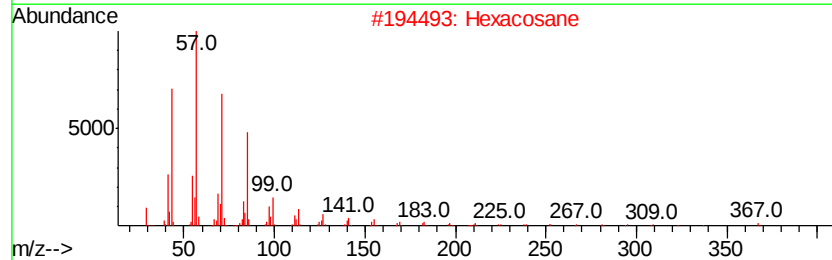
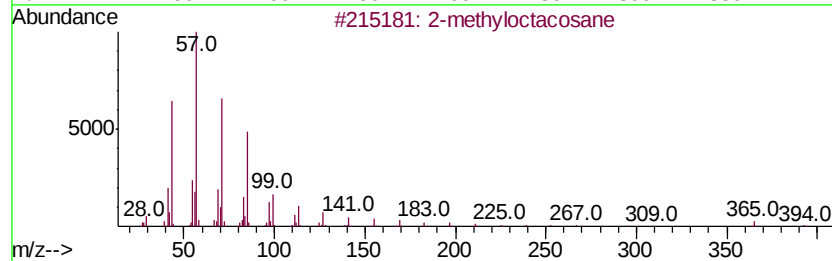
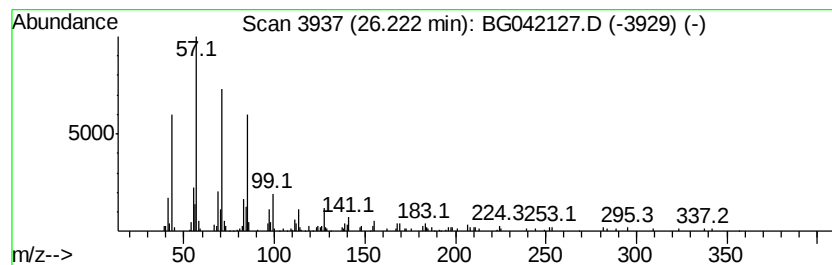
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	3.50 ng/ul	286862	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081019\
Data File : BG042127.D
Acq On : 10 Aug 2019 16:38
Operator : HP/JU
Sample : K4184-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA8

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	34.1	ng/ul	797721	1	8.03	467577	20.0
n-Hexadecanoic acid	18.33	2.6	ng/ul	175157	4	17.44	1347480	20.0
Trifluoroacetoxy ...	21.37	4.5	ng/ul	347673	5	21.72	1553910	20.0
(DEL) Alkane: Str...	22.54	2.7	ng/ul	208859	5	21.72	1553910	20.0
(DEL) Alkane: Str...	23.26	3.6	ng/ul	281640	5	21.72	1553910	20.0
(DEL) Alkane: Str...	24.08	3.7	ng/ul	303568	6	24.99	1640070	20.0
(DEL) Alkane: Str...	26.22	3.5	ng/ul	286862	6	24.99	1640070	20.0