

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
 Data File : BG042222.D
 Acq On : 15 Aug 2019 10:29
 Operator : HP/JU
 Sample : K4183-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE9

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	4	9	30	rVB	1601055	2576853	100.00%	14.525%
2	3.409	51	54	60	rVB3	6941	12413	0.48%	0.070%
3	3.567	76	81	84	rBV4	1934	3680	0.14%	0.021%
4	3.943	142	145	148	rVB3	2280	3075	0.12%	0.017%
5	4.072	160	167	173	rBV2	12266	19772	0.77%	0.111%
6	4.266	197	200	205	rVB3	2598	3868	0.15%	0.022%
7	5.095	336	341	347	rBV2	5396	9499	0.37%	0.054%
8	6.393	557	562	566	rVB2	2466	4022	0.16%	0.023%
9	7.181	688	696	710	rBV2	111115	251083	9.74%	1.415%
10	7.339	717	723	734	rBV	88060	161417	6.26%	0.910%
11	7.551	752	759	772	rVB	131228	246064	9.55%	1.387%
12	8.021	832	839	848	rBV	216244	381658	14.81%	2.151%
13	8.738	954	961	977	rBV	142919	285873	11.09%	1.611%
14	8.861	977	982	991	rVB6	1979	4336	0.17%	0.024%
15	9.190	1031	1038	1049	rBV	117598	224129	8.70%	1.263%
16	9.631	1109	1113	1122	rVB5	2954	5586	0.22%	0.031%
17	9.924	1155	1163	1172	rBV	97346	191608	7.44%	1.080%
18	10.471	1248	1256	1272	rBV	146466	319792	12.41%	1.803%
19	10.847	1311	1320	1329	rBV	313306	567056	22.01%	3.196%
20	10.982	1337	1343	1358	rBV	101863	223970	8.69%	1.262%
21	12.457	1586	1594	1599	rBV5	2205	5061	0.20%	0.029%
22	14.084	1864	1871	1875	rBV	307034	492064	19.10%	2.774%
23	14.131	1875	1879	1888	rVB	109422	172479	6.69%	0.972%
24	14.378	1914	1921	1938	rBV	399203	647272	25.12%	3.649%
25	14.595	1954	1958	1964	rVB3	1681	2944	0.11%	0.017%
26	14.684	1966	1973	1986	rBV	542403	827167	32.10%	4.663%
27	14.895	2001	2009	2027	rBV2	44024	129342	5.02%	0.729%
28	15.107	2039	2045	2052	rVB7	3582	6700	0.26%	0.038%
29	15.677	2135	2142	2154	rBV	520558	821958	31.90%	4.633%
30	15.800	2158	2163	2171	rVV	72671	118302	4.59%	0.667%
31	15.923	2179	2184	2188	rBV2	6402	8331	0.32%	0.047%
32	16.370	2253	2260	2272	rBV3	8648	26785	1.04%	0.151%
33	16.458	2273	2275	2279	rVB2	1985	2651	0.10%	0.015%
34	16.675	2305	2312	2316	rBV3	3853	6111	0.24%	0.034%

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35	17.198	2396	2401	2404	rBV2	1996	3496	0.14%	0.020%
36	17.222	2404	2405	2412	rVB4	1952	2958	0.11%	0.017%
37	17.433	2435	2441	2451	rBV2	596260	963034	37.37%	5.429%
38	17.533	2451	2458	2472	rVB2	572358	864991	33.57%	4.876%
39	18.326	2588	2593	2602	rBV7	9982	24410	0.95%	0.138%
40	18.391	2602	2604	2609	rVB2	3186	4011	0.16%	0.023%
41	18.679	2647	2653	2657	rVV6	3090	6450	0.25%	0.036%
42	19.249	2746	2750	2756	rVB4	4298	7023	0.27%	0.040%
43	19.460	2782	2786	2789	rBV2	8723	11963	0.46%	0.067%
44	19.596	2805	2809	2811	rBV2	4080	5370	0.21%	0.030%
45	19.707	2825	2828	2835	rVB	5479	8059	0.31%	0.045%
46	19.825	2840	2848	2859	rBV	740168	1132230	43.94%	6.382%
47	20.048	2883	2886	2890	rVB2	5780	6557	0.25%	0.037%
48	20.113	2894	2897	2900	rBV5	2268	3680	0.14%	0.021%
49	20.353	2933	2938	2943	rBV3	21366	29384	1.14%	0.166%
50	20.853	3020	3023	3027	rVB4	9874	11432	0.44%	0.064%
51	21.364	3105	3110	3121	rBV3	80798	215419	8.36%	1.214%
52	21.605	3145	3151	3161	rVB	1015615	1354752	52.57%	7.637%
53	21.717	3163	3170	3182	rVV	654909	1110460	43.09%	6.260%
54	21.916	3200	3204	3209	rVB3	22752	31074	1.21%	0.175%
55	22.539	3305	3310	3313	rBV	41946	69055	2.68%	0.389%
56	23.244	3424	3430	3437	rVB2	57695	108738	4.22%	0.613%
57	24.067	3563	3570	3579	rVB	96101	210318	8.16%	1.186%
58	24.754	3678	3687	3698	rBV	382269	1088477	42.24%	6.136%
59	24.983	3716	3726	3744	rBV	391867	1316905	51.11%	7.423%
60	26.200	3924	3933	3943	rVB4	62199	200133	7.77%	1.128%
61	27.586	4162	4169	4181	rVB4	39897	138766	5.39%	0.782%
62	29.255	4446	4453	4454	rBV6	26732	48212	1.87%	0.272%

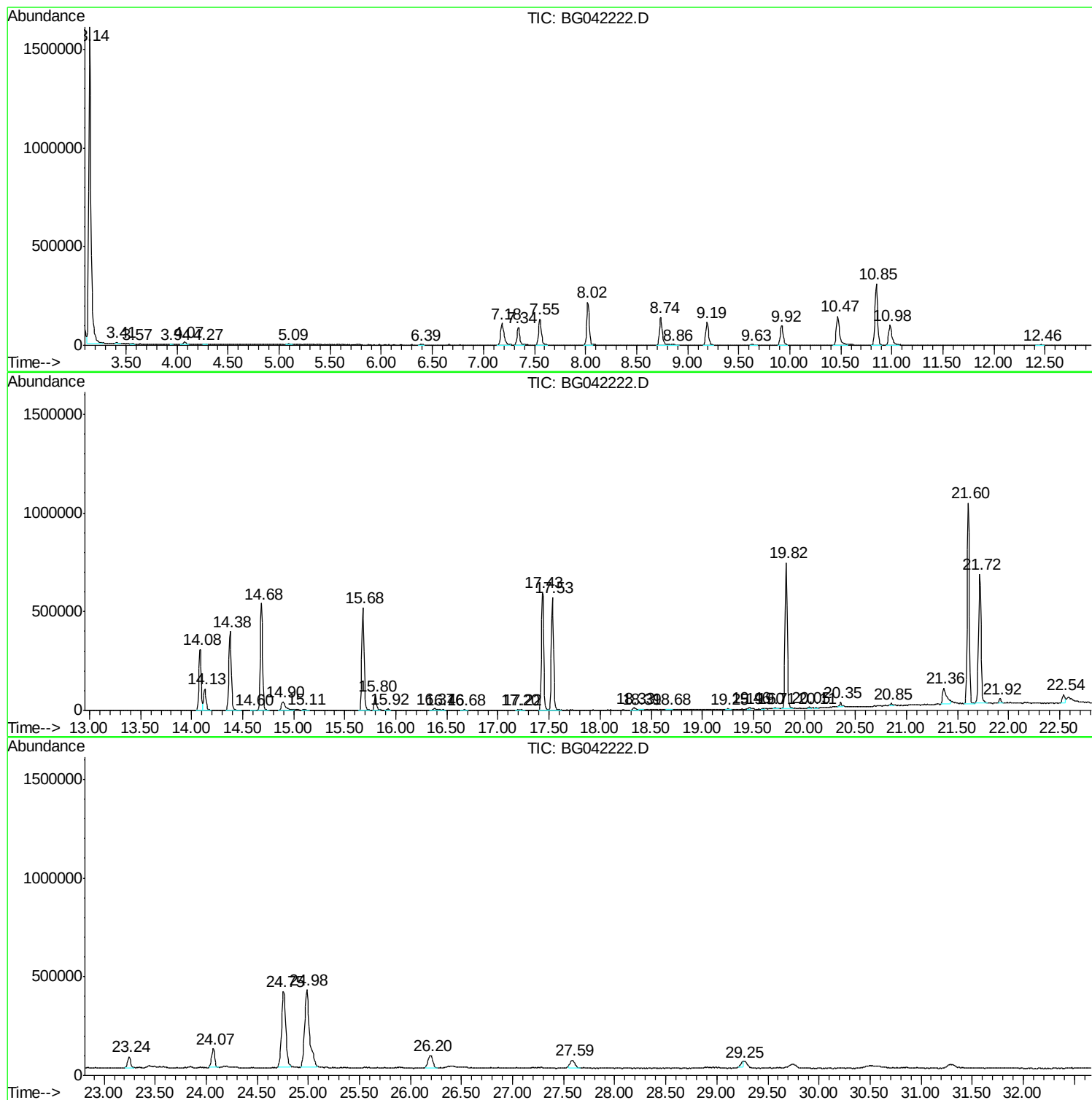
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Quant Title : SVOA CALIBRATION

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



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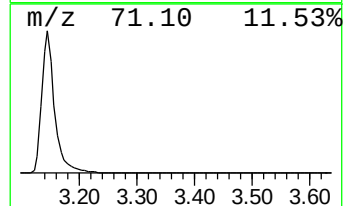
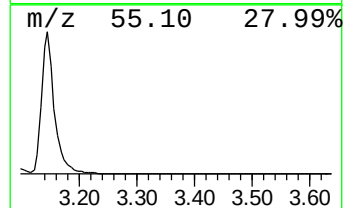
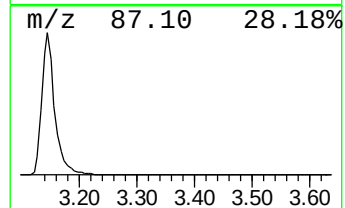
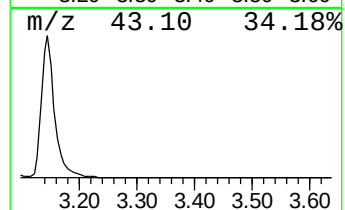
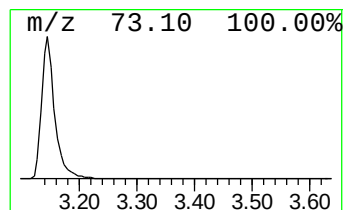
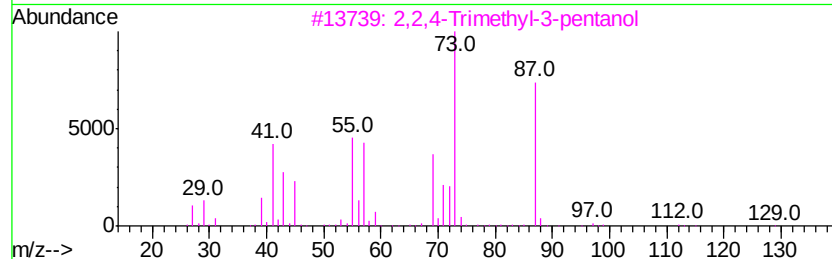
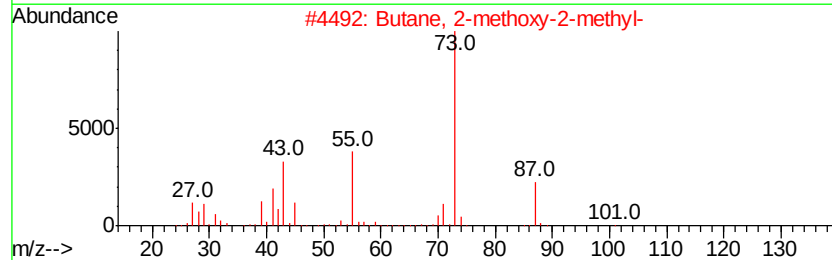
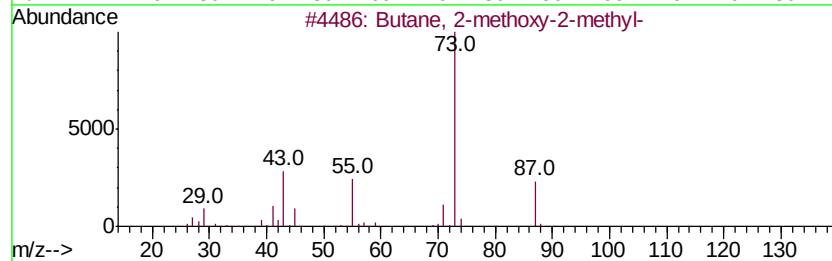
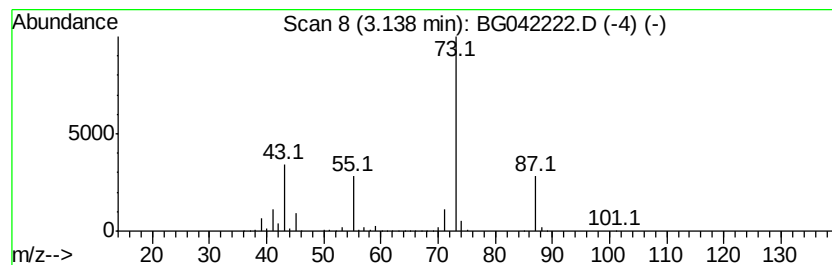
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	135.04 ng/ul	2576850	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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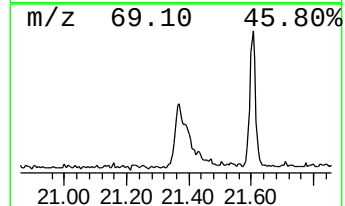
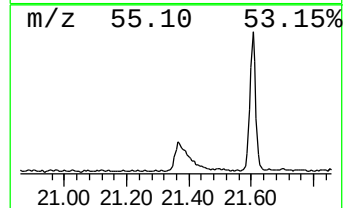
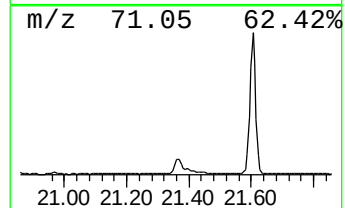
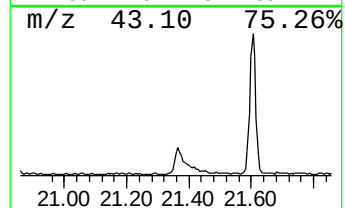
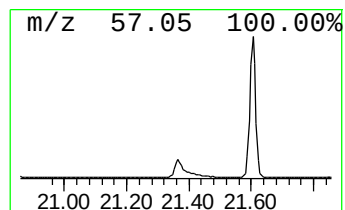
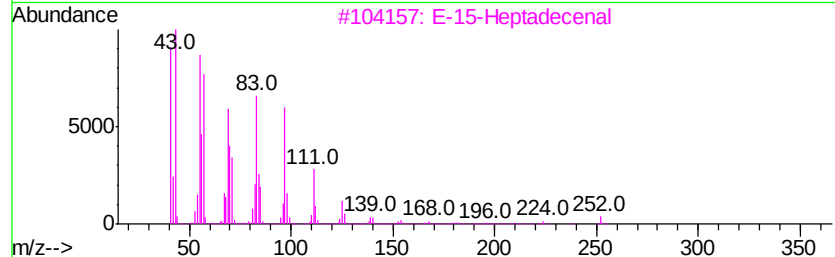
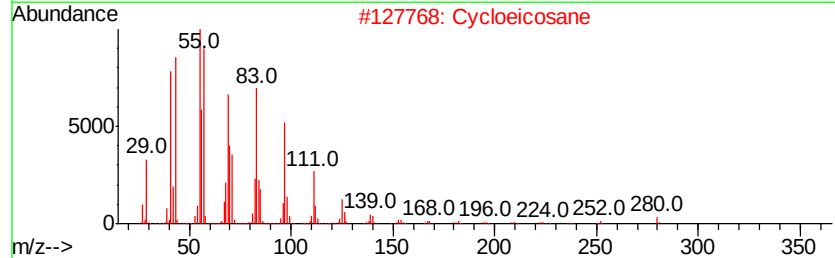
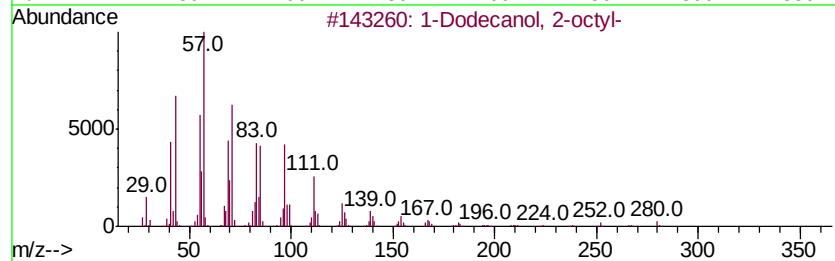
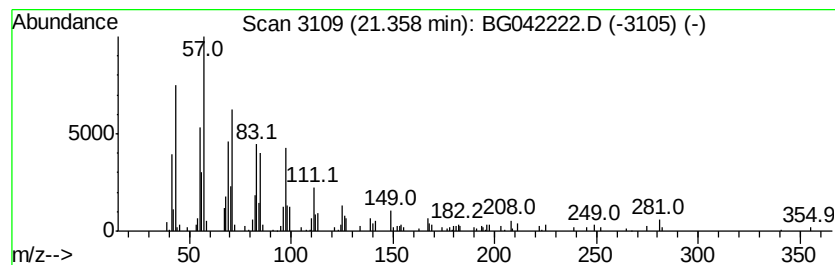
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Dodecanol, 2-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.88 ng/ul	215419	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	95
2		Cycloeicosane	280	C20H40	000296-56-0	95
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
4		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
5		5-Eicosene, (E)-	280	C20H40	074685-30-6	93



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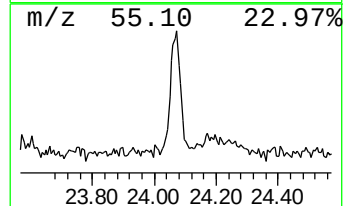
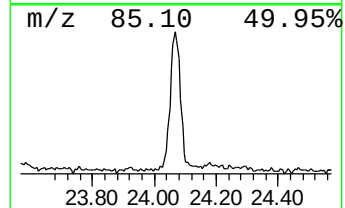
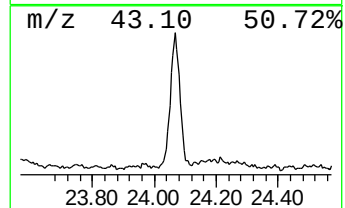
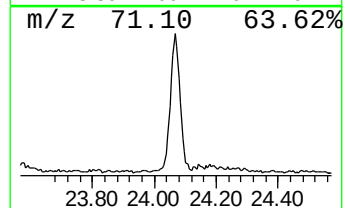
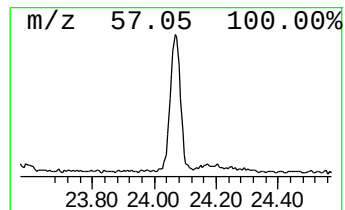
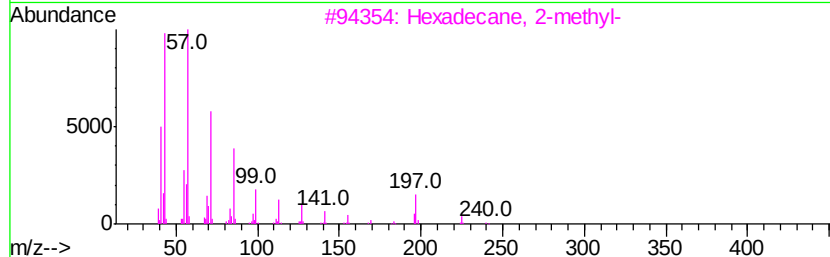
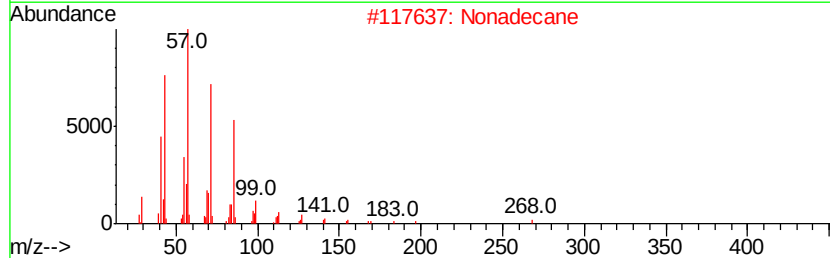
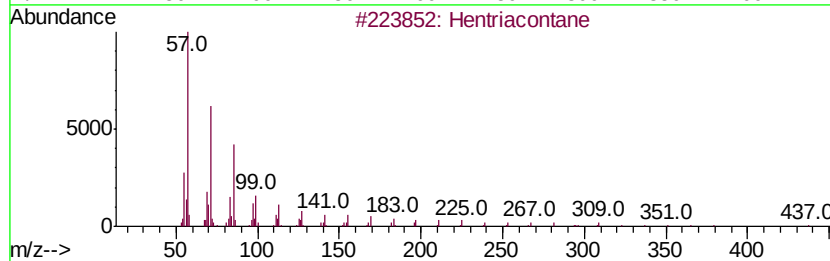
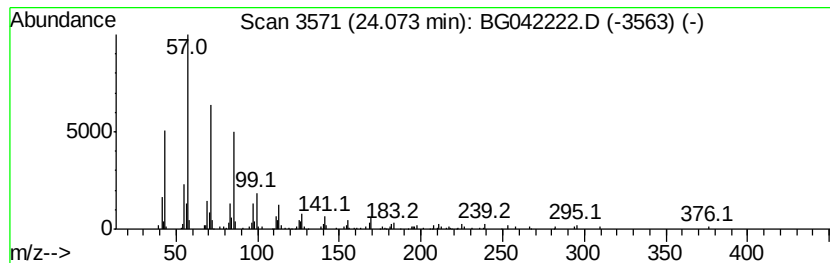
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.19 ng/ul	210318	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	94
2		Nonadecane	268	C19H40	000629-92-5	93
3		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Hexacosane	366	C26H54	000630-01-3	91



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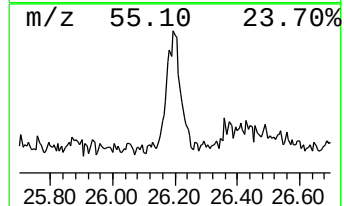
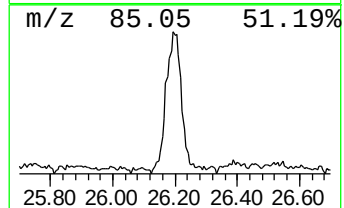
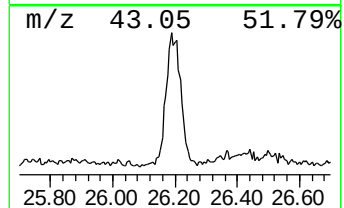
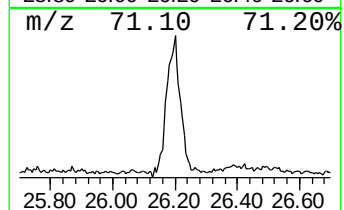
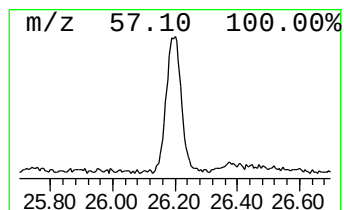
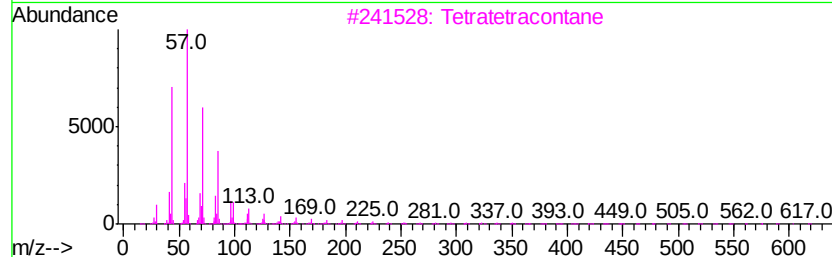
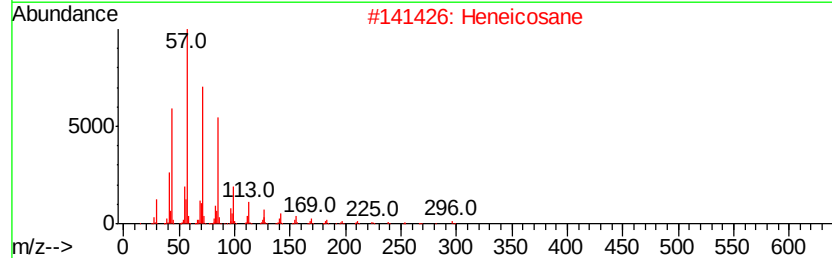
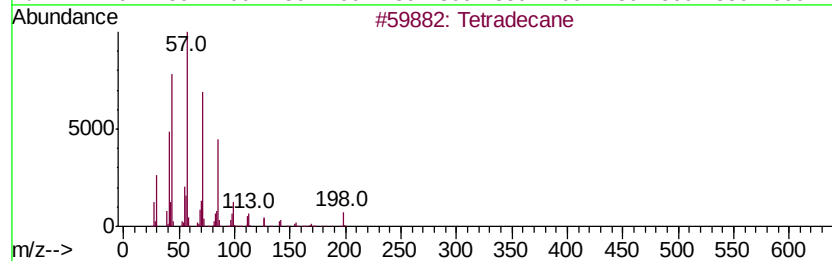
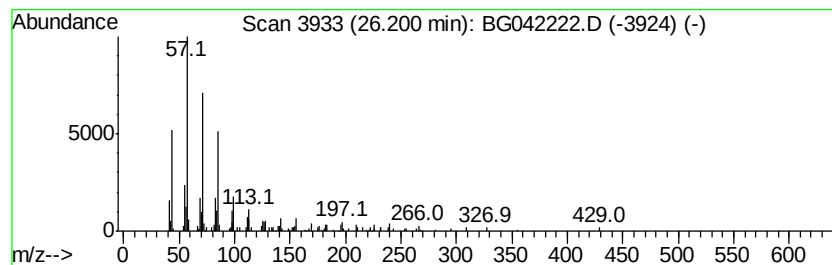
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 Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.20	3.04 ng/ul	200133	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90



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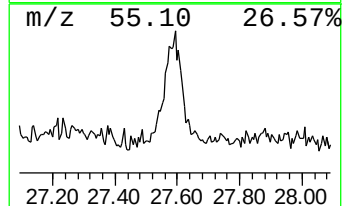
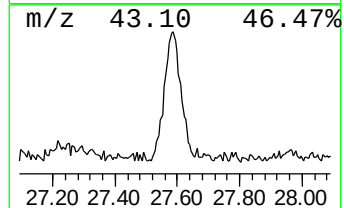
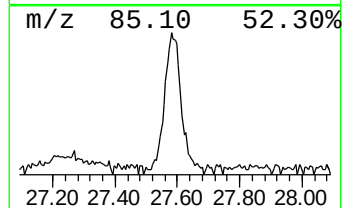
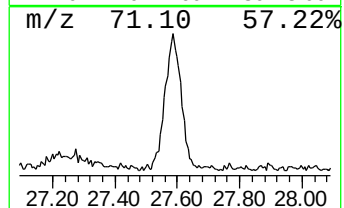
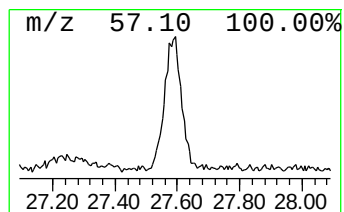
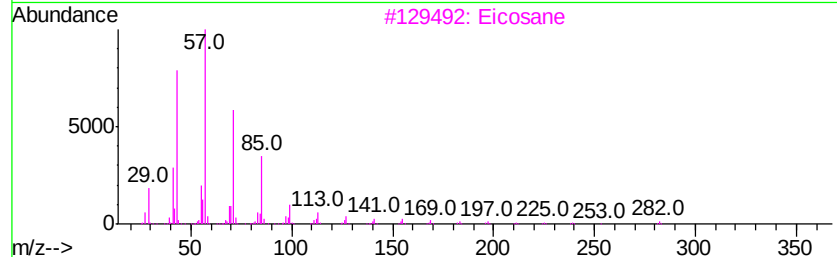
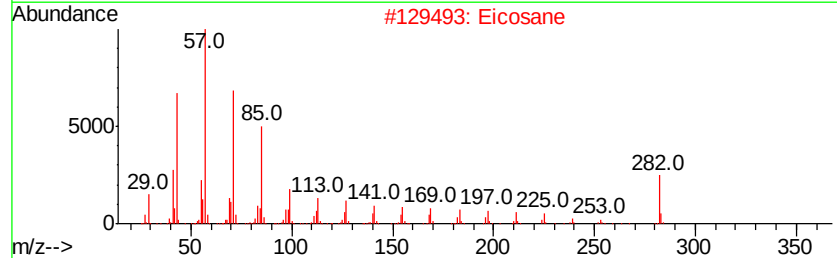
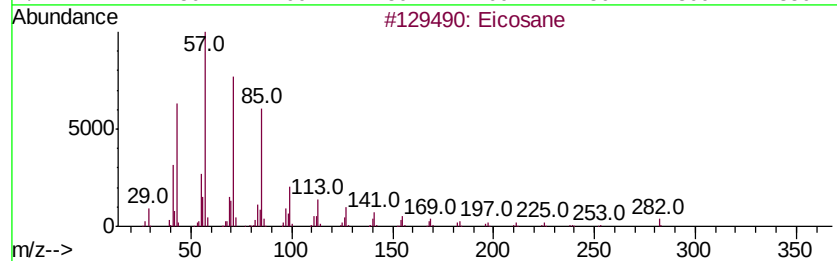
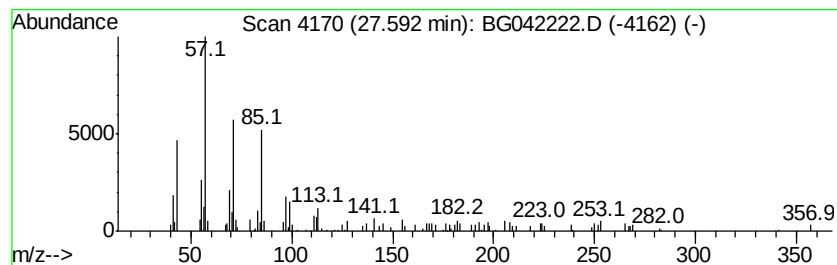
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	2.11 ng/ul	138766	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	76
3		Eicosane	282	C20H42	000112-95-8	76
4		Eicosane	282	C20H42	000112-95-8	70
5		Hentriacontane	437	C31H64	000630-04-6	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042222.D
Acq On : 15 Aug 2019 10:29
Operator : HP/JU
Sample : K4183-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

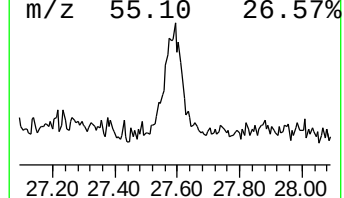
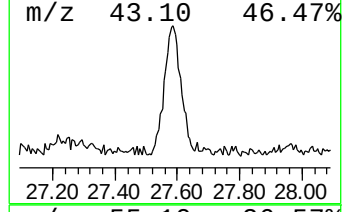
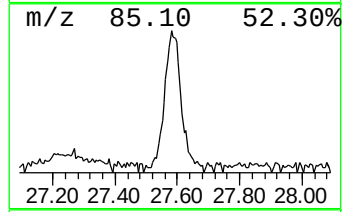
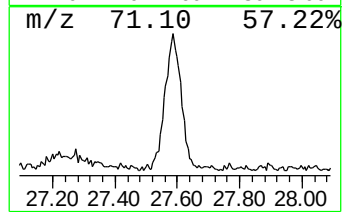
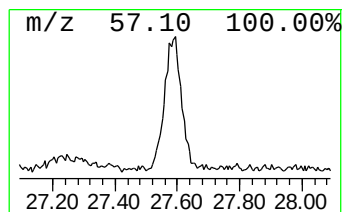
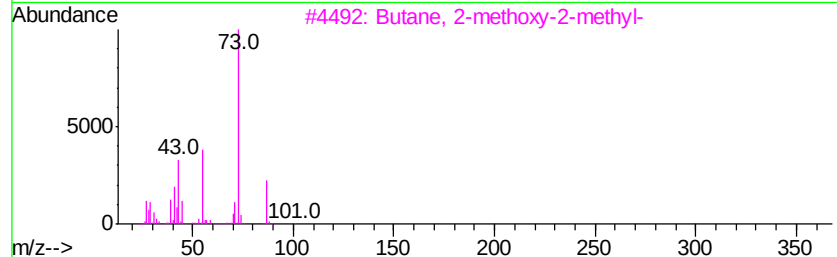
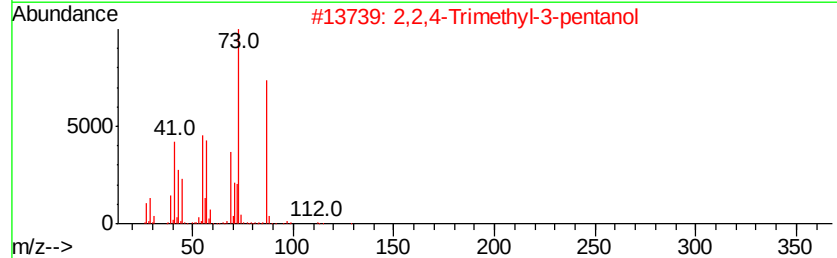
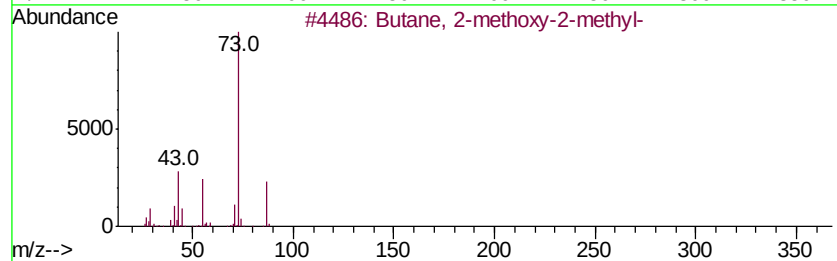
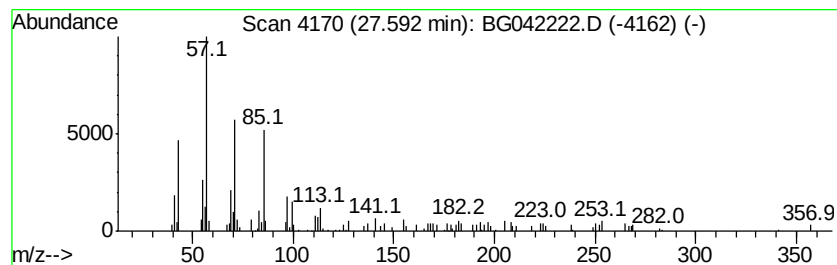
Instrument :
BNA_G
ClientSampleId :
C0AE9

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 6 2,2,4-Trimethyl-3-pentanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.59	2.11 ng/ul	138766	Perylene-d12	24.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1	64
3	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	56
4	Propane, 2-methoxy-2-methyl-	88 C5H12O	001634-04-4	37
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162 C8H18O3	1000364-24-4	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081519\
Data File : BG042222.D
Acq On : 15 Aug 2019 10:29
Operator : HP/JU
Sample : K4183-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE9

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	135.0	ng/ul	2576850	1	8.02	381658	20.0
1-Dodecanol, 2-oc...	21.36	3.9	ng/ul	215419	5	21.72	1110460	20.0
(DEL) Alkane: Str...	24.07	3.2	ng/ul	210318	6	24.98	1316910	20.0
(DEL) Alkane: Str...	26.20	3.0	ng/ul	200133	6	24.98	1316910	20.0
(DEL) Alkane: Str...	27.59	2.1	ng/ul	138766	6	24.98	1316910	20.0
2,2,4-Trimethyl-3...	27.59	2.1	ng/ul	138766	6	24.98	1316910	20.0