

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042081.D
 Acq On : 8 Aug 2019 23:55
 Operator : HP/JU
 Sample : K4116-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JLLD4

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	3.146	5	10	32	rVB	1504625	2391791	100.00%	11.849%
2	3.410	51	55	61	rVB2	8536	14003	0.59%	0.069%
3	3.939	141	145	151	rVB6	3568	5980	0.25%	0.030%
4	4.074	161	168	172	rBV2	11903	18552	0.78%	0.092%
5	4.168	180	184	187	rBV3	2770	4060	0.17%	0.020%
6	5.097	335	342	350	rVB5	3787	7698	0.32%	0.038%
7	7.176	688	696	707	rBV	139902	270167	11.30%	1.338%
8	7.341	717	724	735	rBV	108254	197435	8.25%	0.978%
9	7.552	750	760	771	rBV	161836	285568	11.94%	1.415%
10	8.023	832	840	849	rBV	248389	441061	18.44%	2.185%
11	8.087	849	851	855	rVB3	1980	2800	0.12%	0.014%
12	8.733	954	961	974	rBV	156054	297181	12.43%	1.472%
13	9.192	1030	1039	1047	rBV	142557	270292	11.30%	1.339%
14	9.638	1111	1115	1120	rVB3	3161	4106	0.17%	0.020%
15	9.920	1155	1163	1174	rBV	125477	232673	9.73%	1.153%
16	10.467	1248	1256	1270	rBV	201155	394374	16.49%	1.954%
17	10.849	1312	1321	1330	rBV	374204	662080	27.68%	3.280%
18	10.978	1336	1343	1359	rBV	154520	315127	13.18%	1.561%
19	12.447	1589	1593	1599	rBV2	3212	5153	0.22%	0.026%
20	13.299	1735	1738	1744	rVB3	2275	3442	0.14%	0.017%
21	14.080	1865	1871	1876	rBV	415223	638630	26.70%	3.164%
22	14.133	1876	1880	1887	rVB	145001	222503	9.30%	1.102%
23	14.380	1910	1922	1938	rBV	488078	809140	33.83%	4.009%
24	14.685	1967	1974	1982	rBV	627284	1005715	42.05%	4.982%
25	14.873	1999	2006	2020	rBV	89522	198757	8.31%	0.985%
26	15.097	2039	2044	2051	rVB3	15877	25358	1.06%	0.126%
27	15.490	2105	2111	2116	rVB3	2343	4322	0.18%	0.021%
28	15.537	2116	2119	2122	rBV3	1737	2525	0.11%	0.013%
29	15.678	2136	2143	2156	rBV	685866	1042379	43.58%	5.164%
30	15.790	2156	2162	2177	rVV	123413	209983	8.78%	1.040%
31	15.919	2180	2184	2190	rBV2	7083	9781	0.41%	0.048%
32	16.372	2257	2261	2263	rBV3	4158	5704	0.24%	0.028%
33	16.471	2274	2278	2281	rVB3	2919	3306	0.14%	0.016%
34	17.435	2435	2442	2452	rBV2	802310	1231442	51.49%	6.101%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
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35	17.535	2452	2459	2471	rVB	732283	1103486	46.14%	5.467%
36	18.334	2590	2595	2602	rBV3	35520	70022	2.93%	0.347%
37	18.628	2642	2645	2648	rBV3	2269	2942	0.12%	0.015%
38	18.669	2648	2652	2657	rVB4	3211	6296	0.26%	0.031%
39	18.810	2674	2676	2681	rBV5	2235	3373	0.14%	0.017%
40	19.256	2748	2752	2758	rVV4	8471	12019	0.50%	0.060%
41	19.333	2761	2765	2767	rBV4	2035	3073	0.13%	0.015%
42	19.456	2783	2786	2788	rBV	9856	11421	0.48%	0.057%
43	19.491	2788	2792	2798	rVB	23185	32797	1.37%	0.162%
44	19.609	2806	2812	2817	rBV7	10547	23296	0.97%	0.115%
45	19.709	2826	2829	2834	rBV2	8236	10430	0.44%	0.052%
46	19.750	2834	2836	2839	rVB5	4541	3093	0.13%	0.015%
47	19.820	2842	2848	2861	rVV	920124	1446107	60.46%	7.164%
48	19.956	2869	2871	2877	rVB4	12597	15005	0.63%	0.074%
49	20.061	2886	2889	2893	rVB3	11539	11759	0.49%	0.058%
50	20.161	2903	2906	2908	rVV3	4406	5251	0.22%	0.026%
51	20.361	2931	2940	2945	rBV3	36811	63258	2.64%	0.313%
52	20.543	2969	2971	2976	rBV6	3690	5355	0.22%	0.027%
53	20.678	2992	2994	2995	rBV2	4406	2582	0.11%	0.013%
54	20.855	3019	3024	3028	rBV2	23408	31155	1.30%	0.154%
55	20.913	3032	3034	3035	rBV2	4340	3213	0.13%	0.016%
56	21.366	3106	3111	3124	rBV2	131514	298263	12.47%	1.478%
57	21.612	3149	3153	3158	rVB	46567	61744	2.58%	0.306%
58	21.718	3164	3171	3178	rBV2	820904	1424915	59.58%	7.059%
59	21.924	3202	3206	3210	rBV2	31568	48749	2.04%	0.242%
60	22.547	3307	3312	3331	rVB5	84988	255851	10.70%	1.268%
61	23.258	3427	3433	3439	rVB3	44148	82215	3.44%	0.407%
62	24.080	3566	3573	3579	rBV2	80415	182019	7.61%	0.902%
63	24.157	3580	3586	3593	rBV10	27028	74338	3.11%	0.368%
64	24.756	3679	3688	3699	rBV	519261	1402218	58.63%	6.947%
65	24.985	3717	3727	3736	rBV2	504533	1480439	61.90%	7.334%
66	25.584	3823	3829	3836	rVB2	18459	43477	1.82%	0.215%
67	26.219	3929	3937	3949	rVB3	59632	181445	7.59%	0.899%
68	27.605	4167	4173	4186	rVB3	30061	102287	4.28%	0.507%
69	29.086	4417	4425	4440	rVB5	41233	155908	6.52%	0.772%
70	29.268	4453	4456	4457	rBV3	10048	11310	0.47%	0.056%
71	32.388	4974	4987	5006	rVB4	49353	280876	11.74%	1.392%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

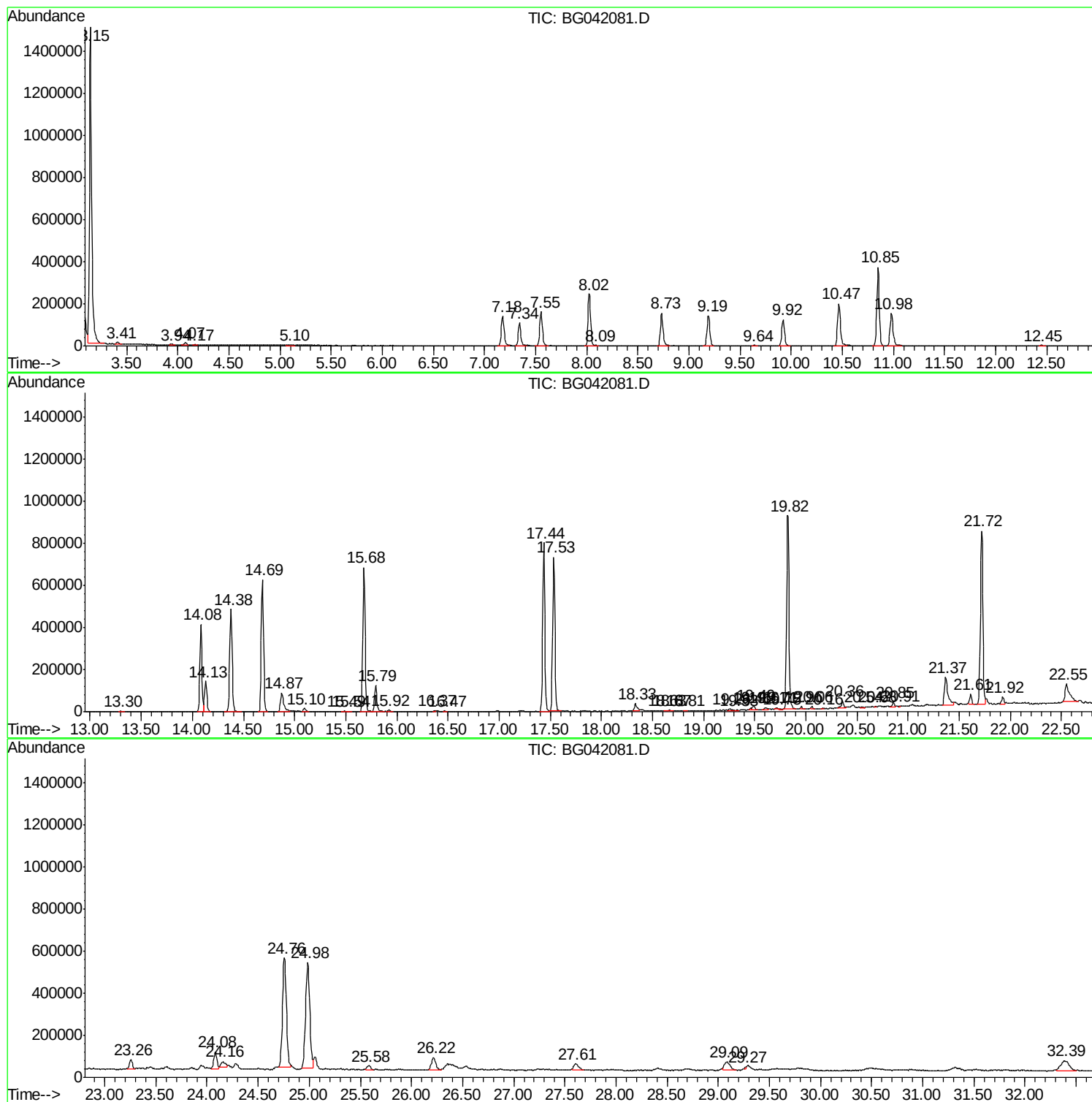
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : K4116-05
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Instrument :
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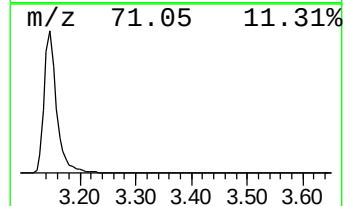
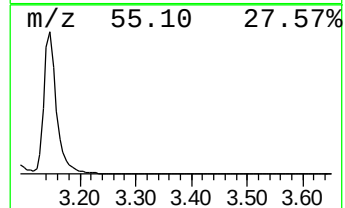
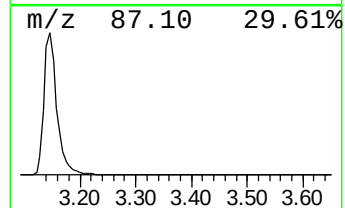
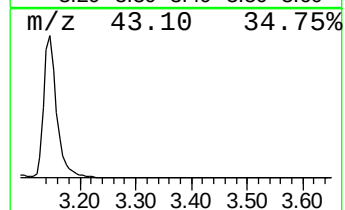
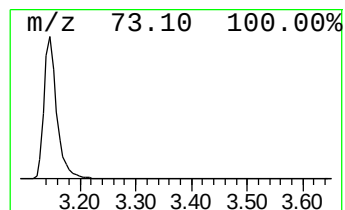
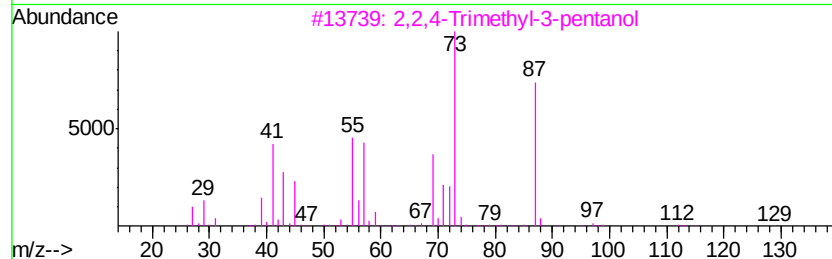
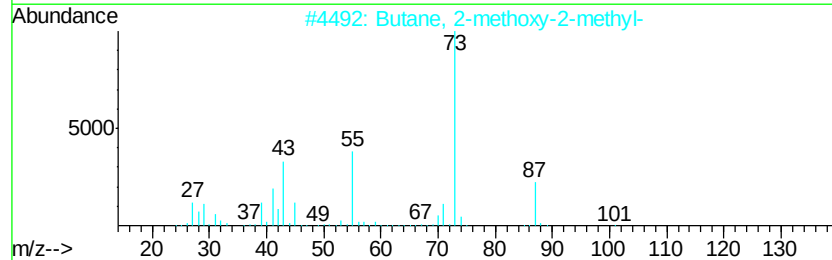
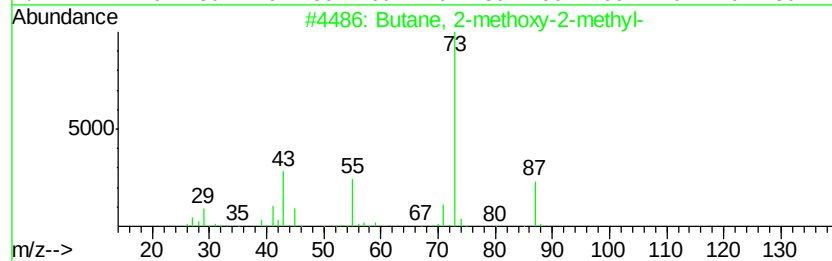
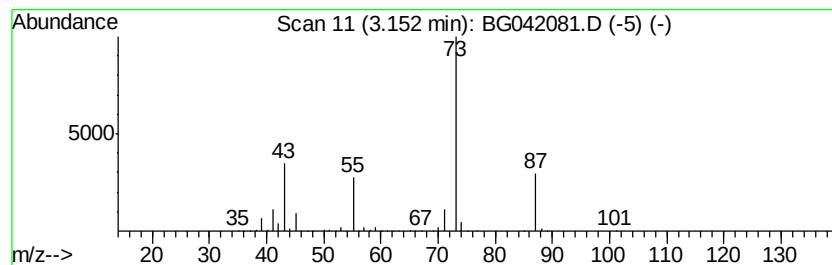
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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.
3.15	108.46 ng/ul	2391790	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	59
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		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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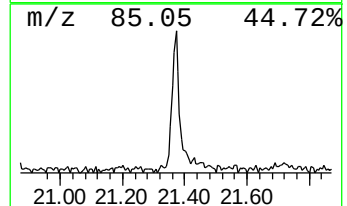
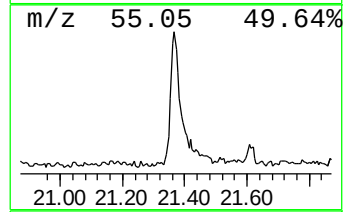
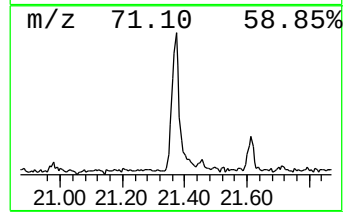
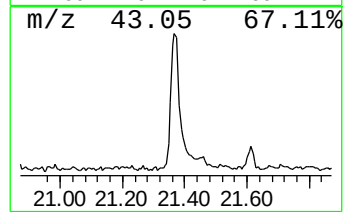
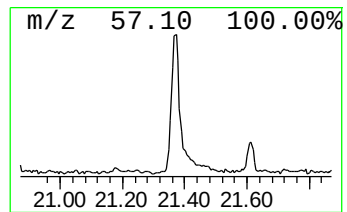
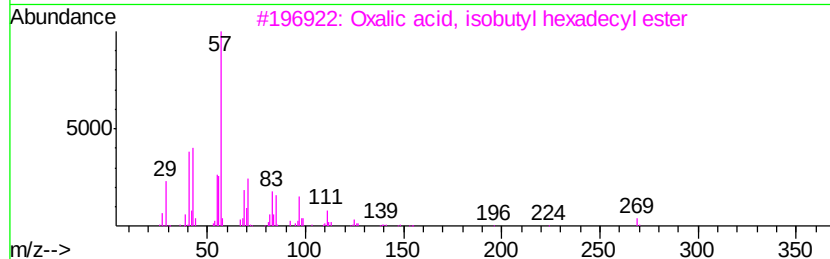
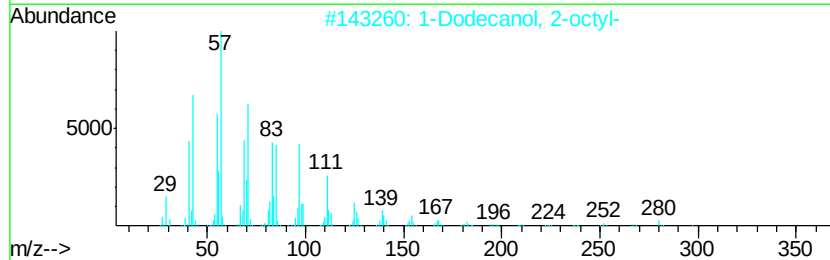
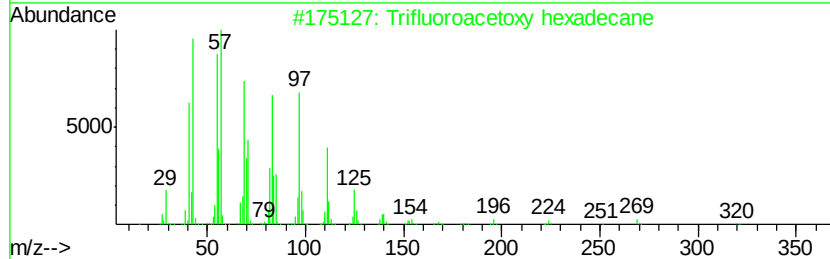
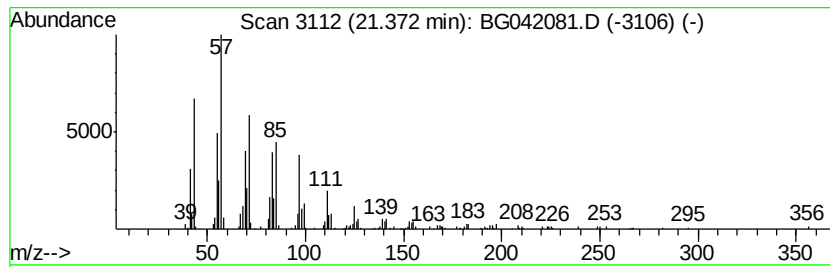
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.37	4.19 ng/ul	298263	Chrysene-d12	21.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91



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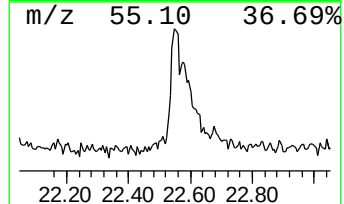
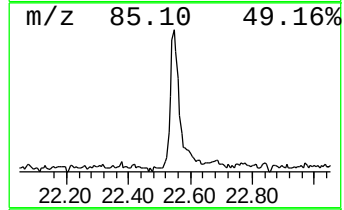
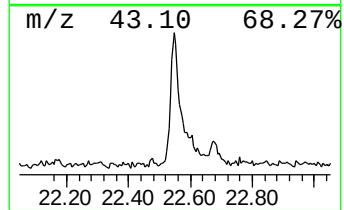
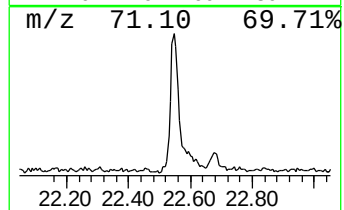
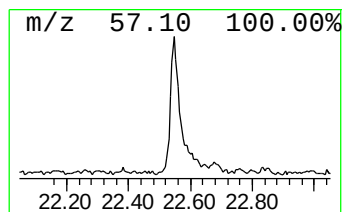
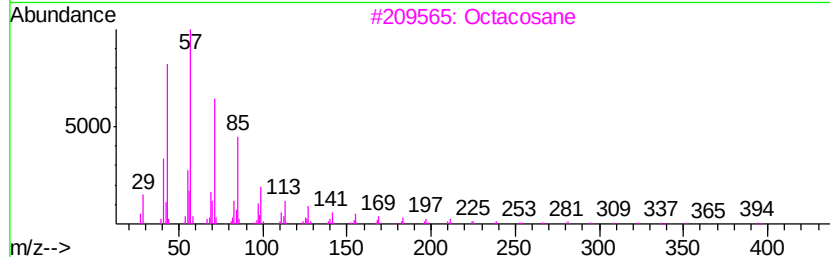
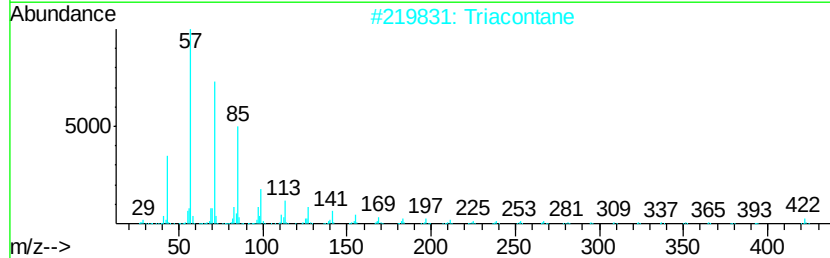
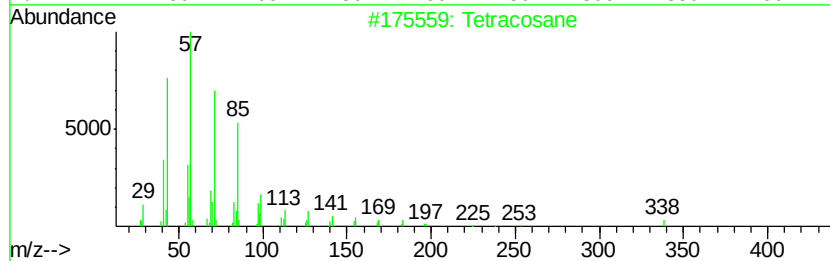
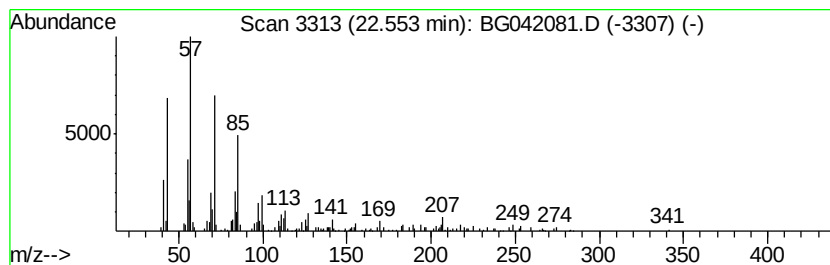
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	3.59 ng/ul	255851	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		triacontane	422	C30H62	000638-68-6	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



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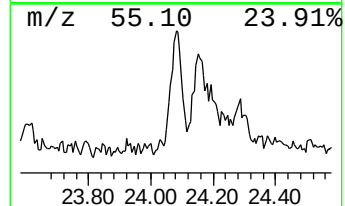
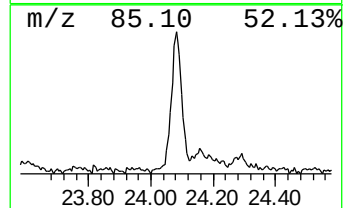
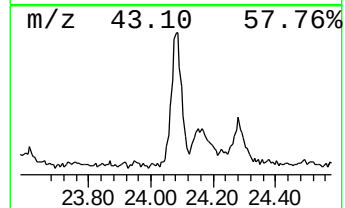
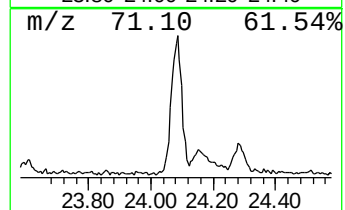
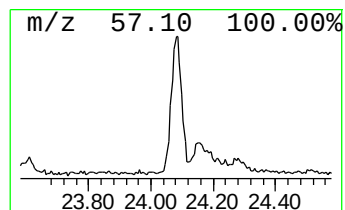
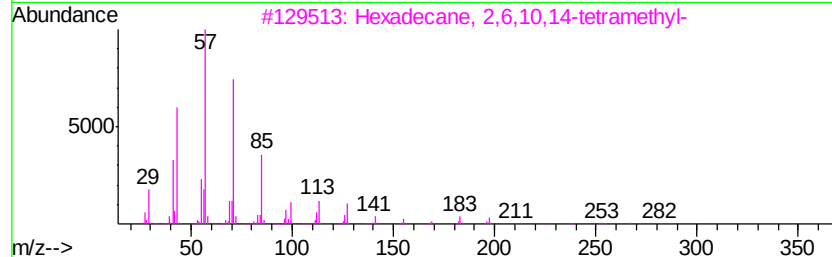
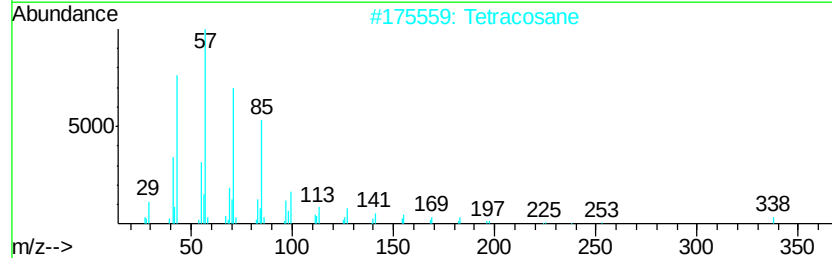
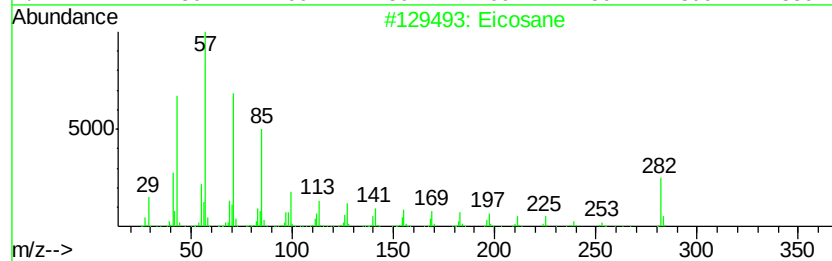
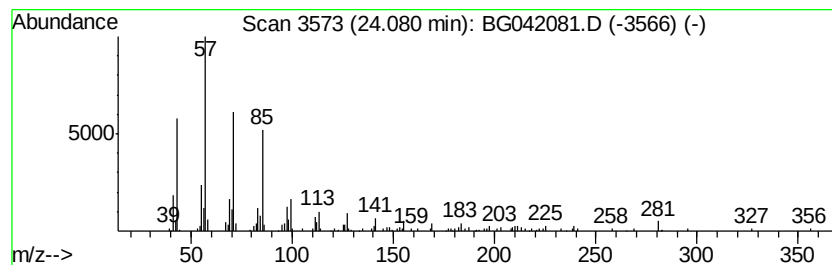
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.46 ng/ul	182019	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetracosane	338	C24H50	000646-31-1	93
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042081.D
Acq On : 8 Aug 2019 23:55
Operator : HP/JU
Sample : K4116-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JLLD4

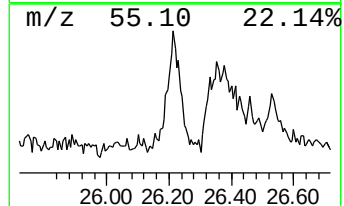
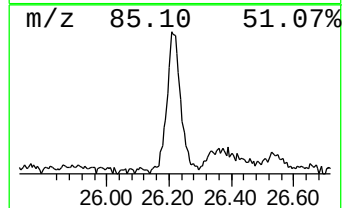
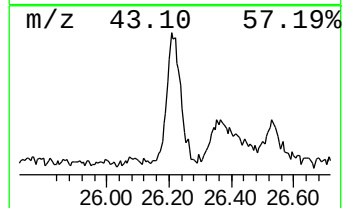
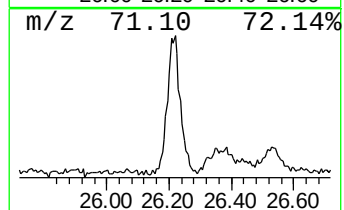
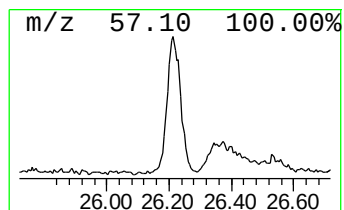
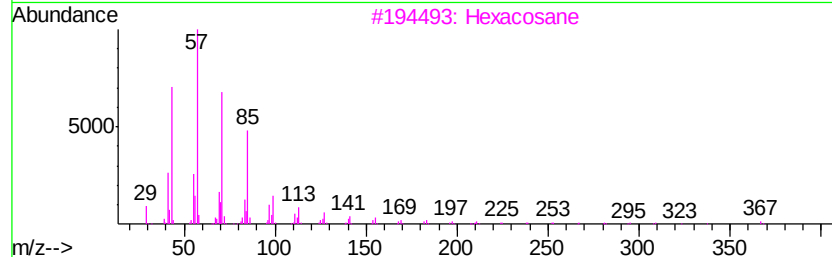
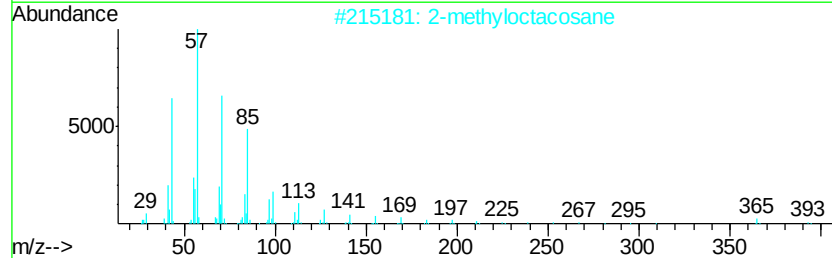
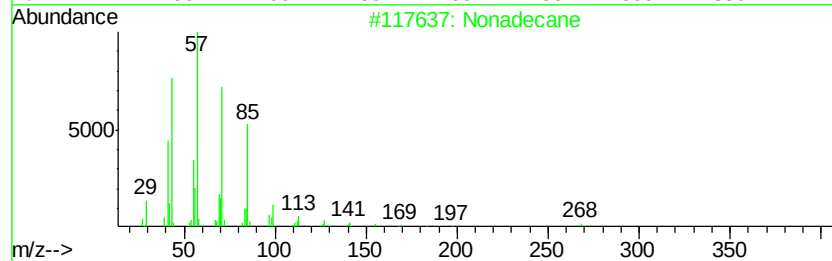
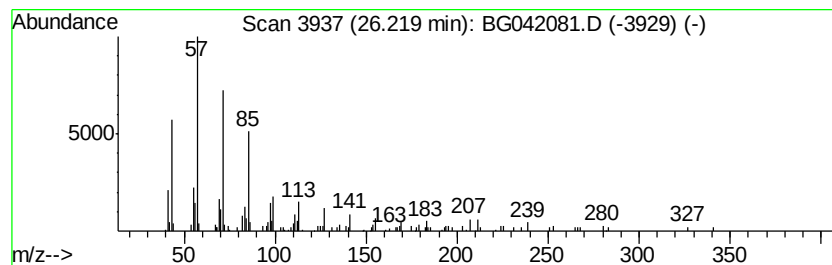
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	2.45 ng/ul	181445	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042081.D
Acq On : 8 Aug 2019 23:55
Operator : HP/JU
Sample : K4116-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

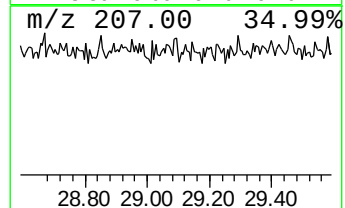
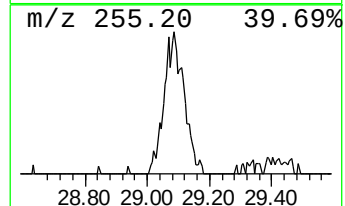
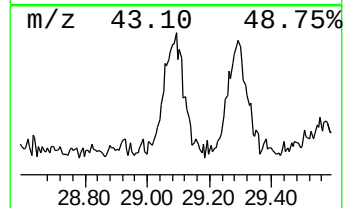
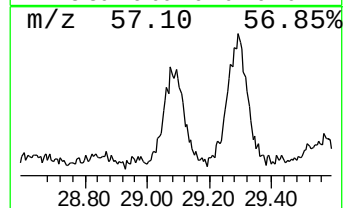
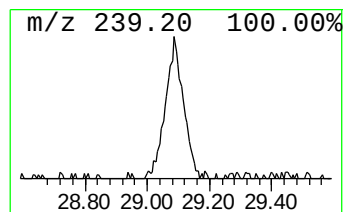
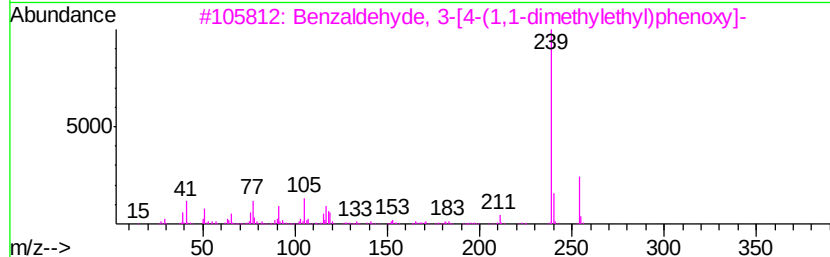
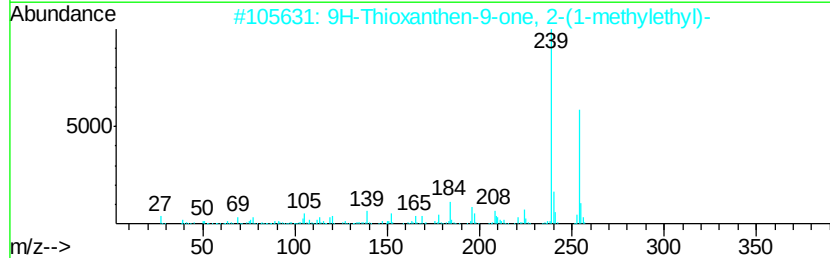
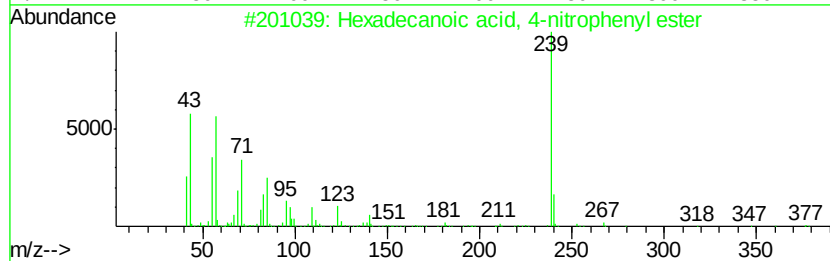
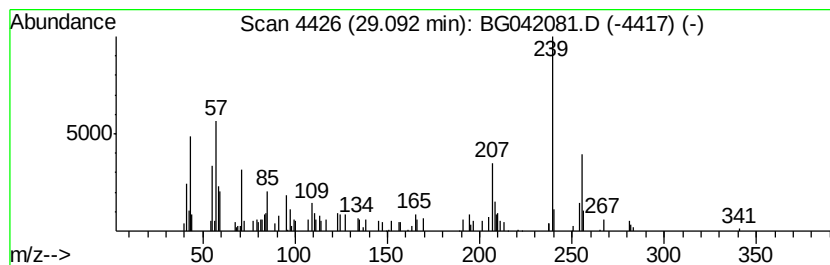
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.09	2.11 ng/ul	155908	Perylene-d12	24.98
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecanoic acid, 4-nitrophenyl...	377 C22H35N04	001492-30-4	43
2	9H-Thioxanthen-9-one, 2-(1-methy...	254 C16H14OS	005495-84-1	27
3	Benzaldehyde, 3-[4-(1,1-dimethyl...	254 C17H18O2	069770-23-6	27
4	N-Phenyl-N'-(4-N,N-dimethylamino...	239 C15H17N3	1000222-18-6	25
5	Dibenzo[b,f]oxepin-3-amine, 6-me...	239 C15H13N02	1000338-08-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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Sample : K4116-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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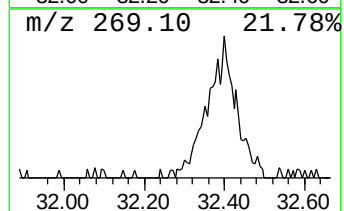
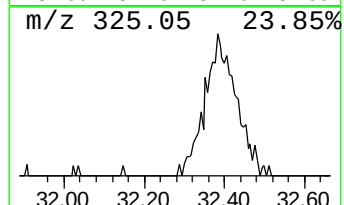
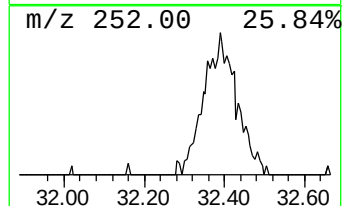
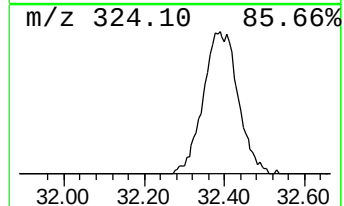
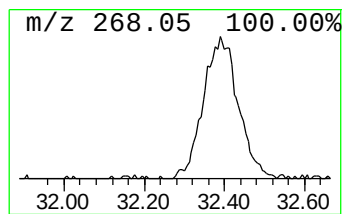
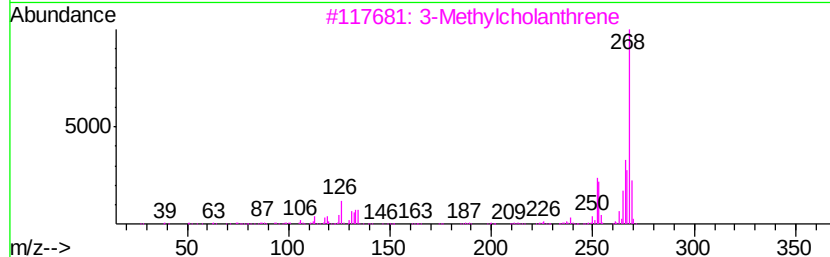
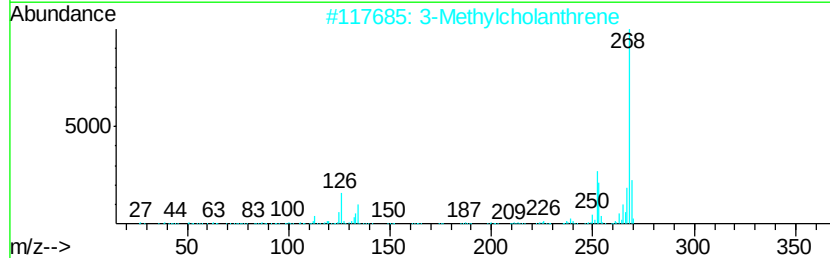
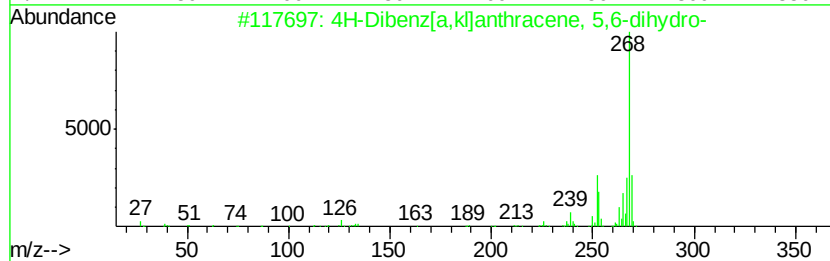
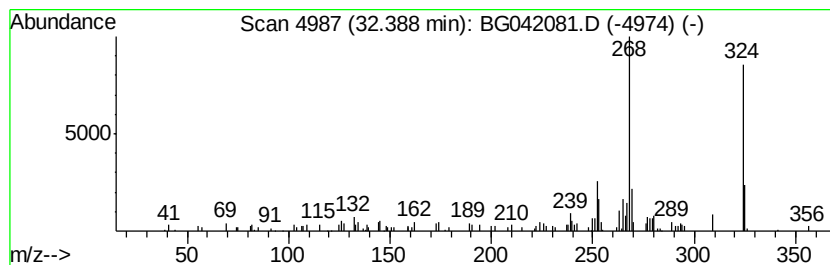
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Dibenz[a,kl]anthracene, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.39	3.79 ng/ul	280876	Perylene-d12	24.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	52
2		3-Methylcholanthrene	268	C21H16	000056-49-5	50
3		3-Methylcholanthrene	268	C21H16	000056-49-5	41
4		9-Methyl-10-phenylanthracene	268	C21H16	013425-08-6	41
5		3-Methylcholanthrene	268	C21H16	000056-49-5	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
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Operator : HP/JU
Sample : K4116-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JLLD4

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...	3.15	108.5	ng/ul	2391790	1	8.02	441061	20.0
Trifluoroacetoxy ...	21.37	4.2	ng/ul	298263	5	21.72	1424920	20.0
(DEL) Alkane: Str...	22.55	3.6	ng/ul	255851	5	21.72	1424920	20.0
(DEL) Alkane: Str...	24.08	2.5	ng/ul	182019	6	24.98	1480440	20.0
(DEL) Alkane: Str...	26.22	2.5	ng/ul	181445	6	24.98	1480440	20.0
unknown-01	29.09	2.1	ng/ul	155908	6	24.98	1480440	20.0
4H-Dibenz[a,kl]an...	32.39	3.8	ng/ul	280876	6	24.98	1480440	20.0