

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046249.D
 Acq On : 13 Aug 2020 14:59
 Operator : CG/JU
 Sample : PB130917BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK17

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-BG081320PAH.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	3.167	8	13	27	rVB	42667	95804	3.08%	0.330%
2	3.419	52	56	63	rBV	18287	29934	0.96%	0.103%
3	4.165	179	183	186	rBV3	3088	3911	0.13%	0.013%
4	7.115	676	685	699	rBV	375469	666491	21.43%	2.299%
5	7.279	703	713	729	rVB	311642	542646	17.45%	1.872%
6	7.485	741	748	763	rVB	390758	685059	22.02%	2.363%
7	7.949	820	827	840	rBV	279925	485024	15.59%	1.673%
8	8.654	939	947	959	rBV	480755	838612	26.96%	2.893%
9	9.101	1015	1023	1033	rBV	371735	662697	21.30%	2.286%
10	9.824	1138	1146	1155	rBV	313718	556214	17.88%	1.918%
11	10.364	1231	1238	1252	rBV	486169	878070	28.23%	3.029%
12	10.746	1295	1303	1311	rBV	401396	705139	22.67%	2.432%
13	10.875	1315	1325	1336	rBV	493830	902779	29.02%	3.114%
14	12.332	1568	1573	1579	rBV	8273	14079	0.45%	0.049%
15	13.977	1845	1853	1862	rBV	1003801	1484896	47.74%	5.122%
16	14.042	1862	1864	1868	rVB3	5208	5864	0.19%	0.020%
17	14.265	1895	1902	1916	rBV	1149770	1825569	58.69%	6.297%
18	14.577	1948	1955	1963	rBV	665122	1067644	34.32%	3.682%
19	14.765	1980	1987	2003	rBV	297317	593403	19.08%	2.047%
20	15.564	2116	2123	2132	rBV	1506030	2322447	74.66%	8.010%
21	15.675	2136	2142	2151	rBV	405356	613435	19.72%	2.116%
22	15.805	2160	2164	2170	rVB3	18435	28692	0.92%	0.099%
23	16.351	2253	2257	2261	rVB3	7079	9092	0.29%	0.031%
24	16.845	2337	2341	2346	rVB4	3126	4925	0.16%	0.017%
25	16.997	2361	2367	2372	rBV5	2513	4442	0.14%	0.015%
26	17.103	2380	2385	2390	rBV2	4500	5868	0.19%	0.020%
27	17.315	2414	2421	2431	rBV	907134	1338116	43.02%	4.615%
28	17.415	2431	2438	2455	rVV	1648339	2514410	80.83%	8.673%
29	17.914	2519	2523	2530	rVB3	2334	3736	0.12%	0.013%
30	19.336	2760	2765	2771	rBV	20905	29090	0.94%	0.100%
31	19.589	2803	2808	2812	rBV	16955	24533	0.79%	0.085%
32	19.700	2820	2827	2836	rBV	2163237	3086773	99.23%	10.647%
33	19.947	2867	2869	2871	rBV3	3423	3152	0.10%	0.011%
34	20.981	3041	3045	3049	rBV6	5091	9042	0.29%	0.031%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	21.557	3137	3143	3155	rBV2	919468	1515682	48.73%	5.228%
36	21.774	3177	3180	3188	rVB3	30332	40320	1.30%	0.139%
37	22.368	3277	3281	3286	rVB2	49455	72462	2.33%	0.250%
38	23.037	3391	3395	3405	rVB	100344	203533	6.54%	0.702%
39	23.825	3522	3529	3535	rVB3	67868	140826	4.53%	0.486%
40	24.453	3625	3636	3655	rBV	1128666	3110579	100.00%	10.729%
41	24.665	3662	3672	3680	rBV2	544025	1531587	49.24%	5.283%
42	24.730	3681	3683	3691	rVB3	68174	132814	4.27%	0.458%
43	25.822	3863	3869	3881	rVB5	42594	118068	3.80%	0.407%
44	27.133	4085	4092	4099	rVB4	28408	78486	2.52%	0.271%
45	31.945	4909	4911	4915	rBV5	5472	6690	0.22%	0.023%

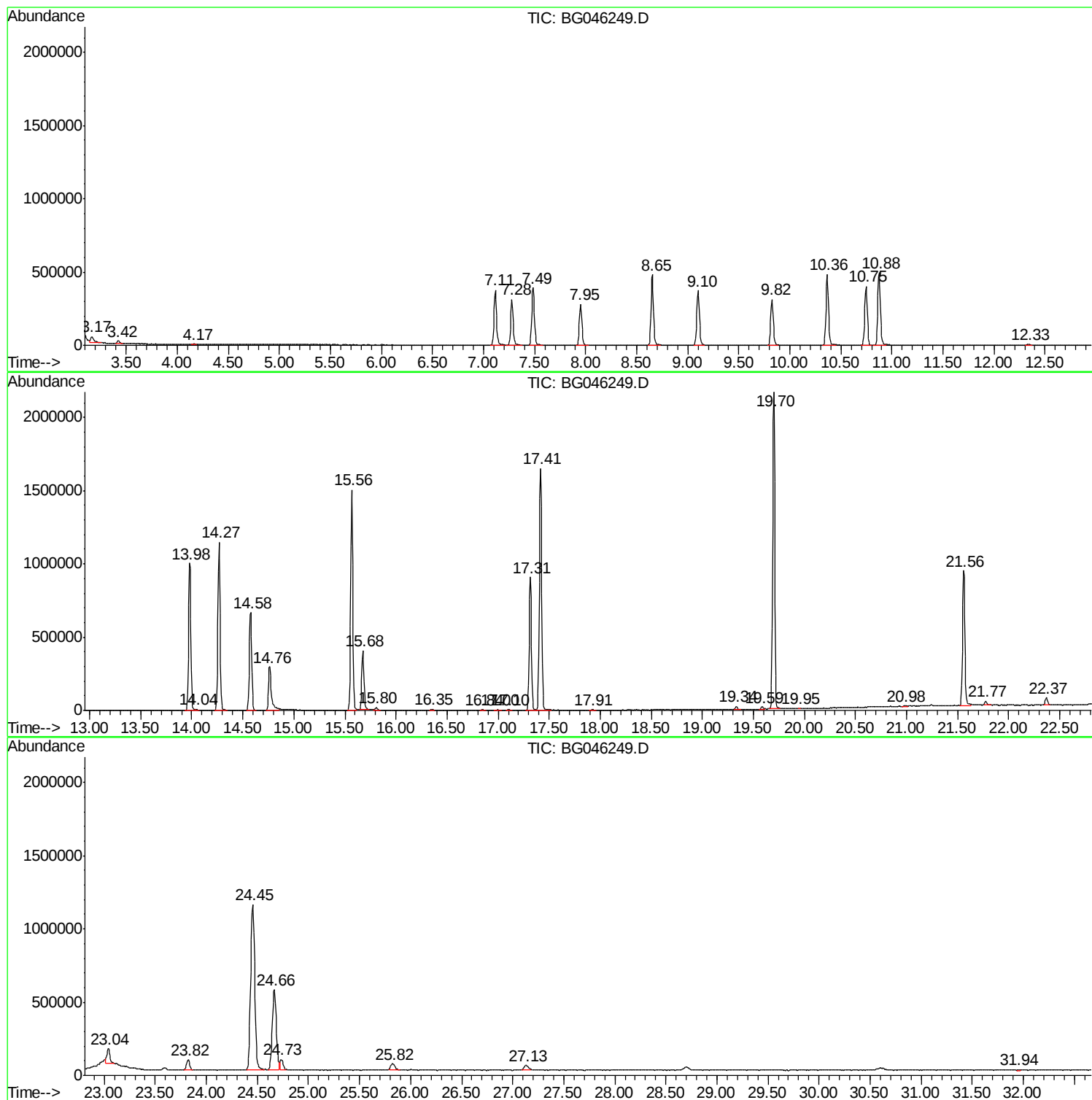
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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



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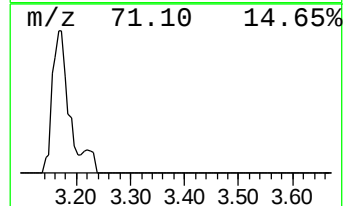
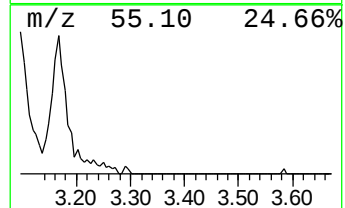
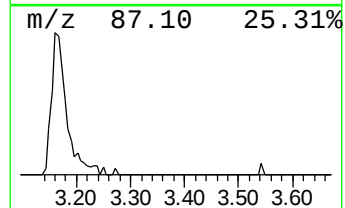
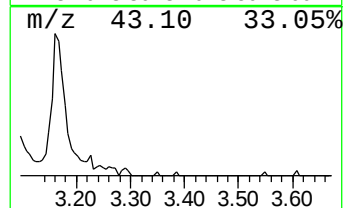
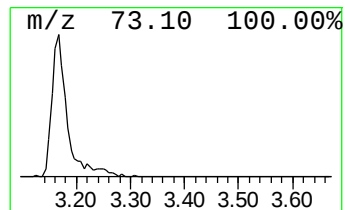
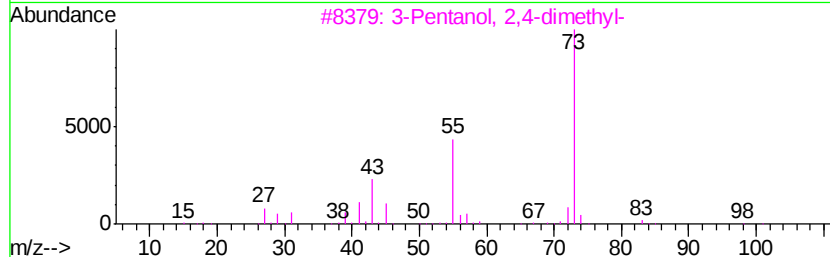
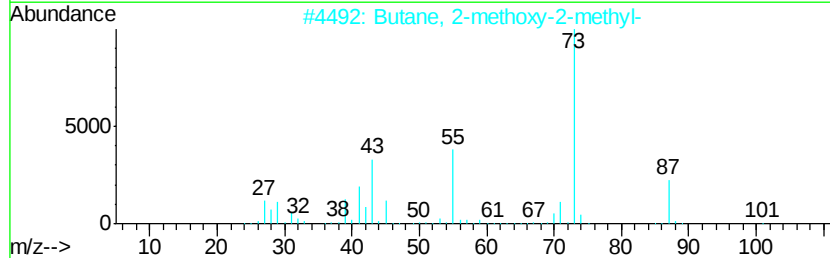
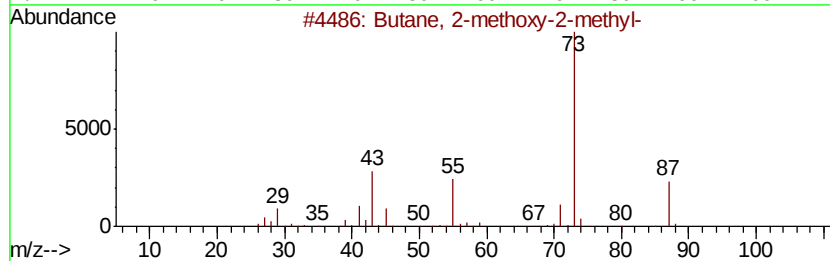
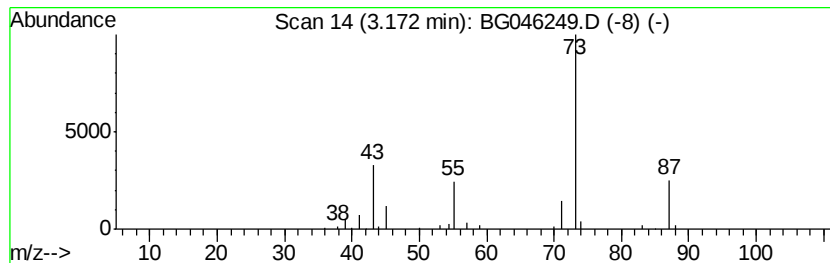
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	3.95 ng/ul	95804	1,4-Dichlorobenzene-d4	7.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	35
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5			1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



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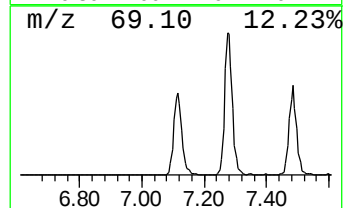
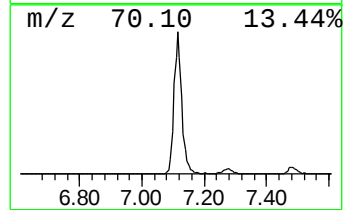
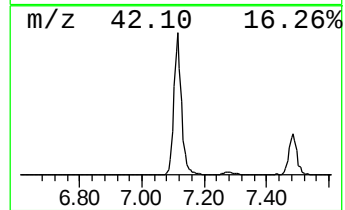
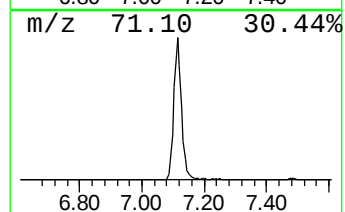
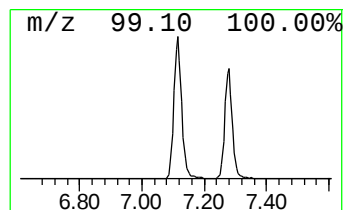
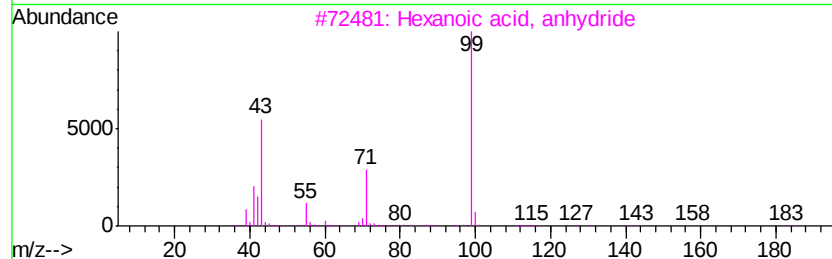
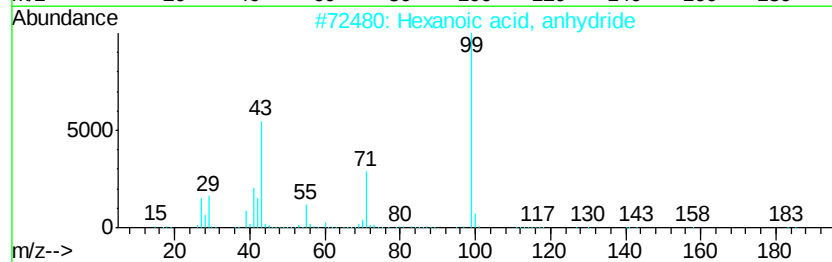
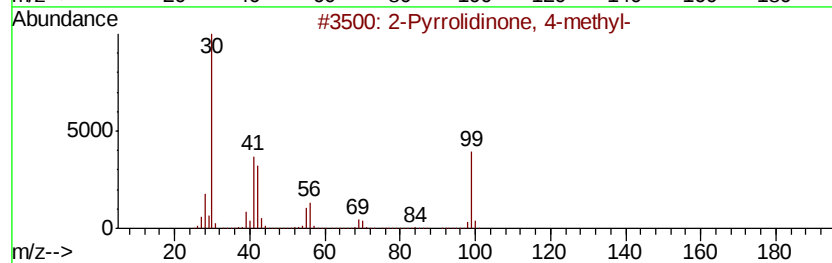
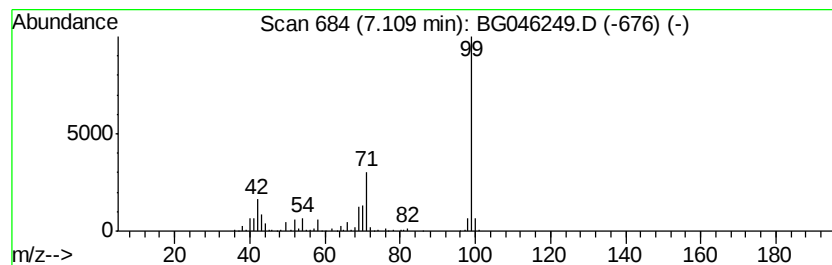
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pyrrolidinone, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	27.48 ng/ul	666491	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	50
2		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
3		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
4		3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	50
5		2-Thioxo-dihydropyrimidine-4,6-d...	359	C17H21N5O2S	1000304-28-6	50



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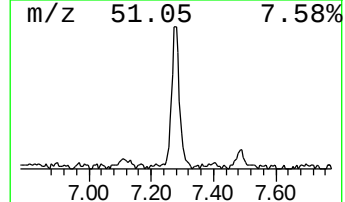
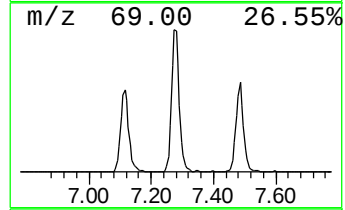
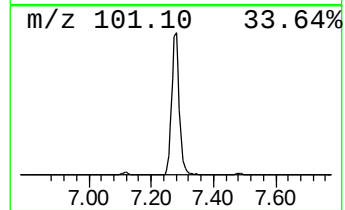
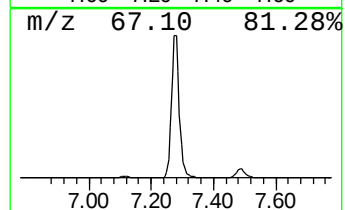
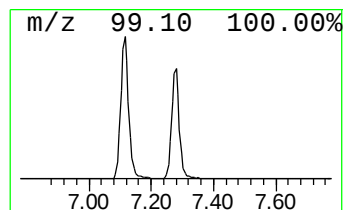
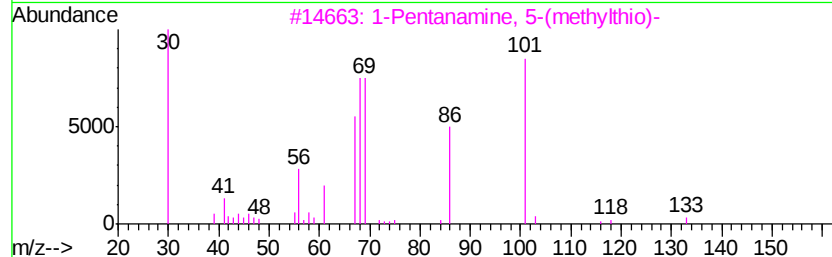
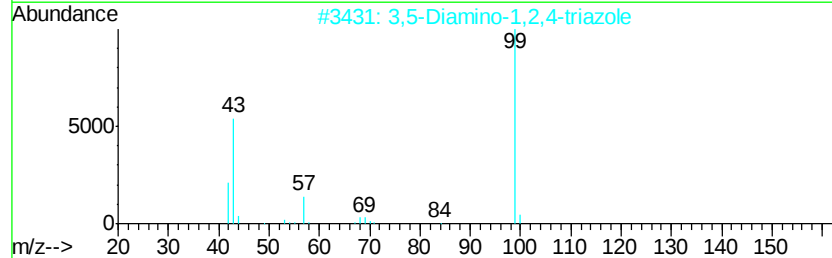
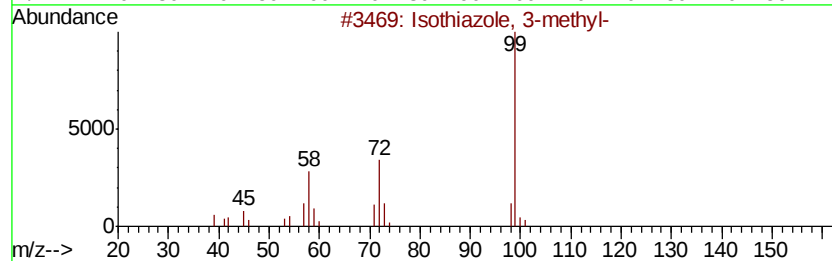
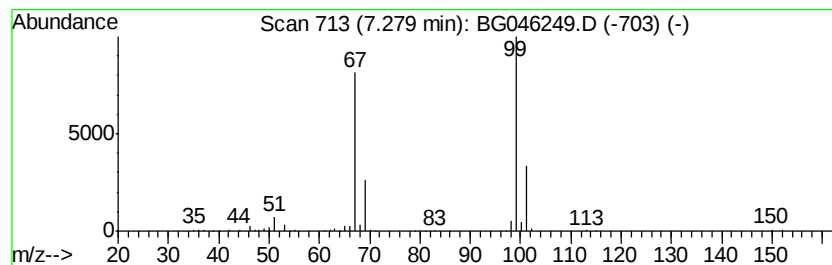
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	22.38 ng/ul	542646	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2		3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3		1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4		3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	7
5		Methyl 2-butyrate	98	C5H6O2	023326-27-4	5



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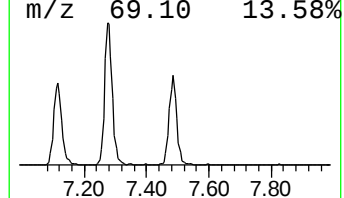
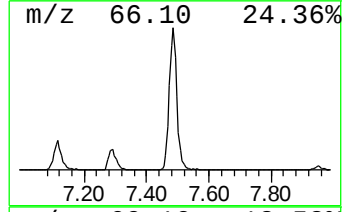
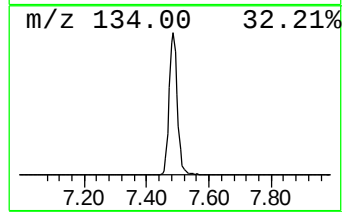
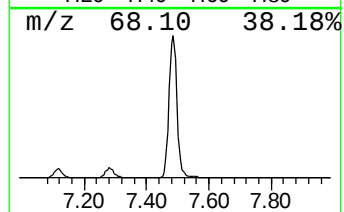
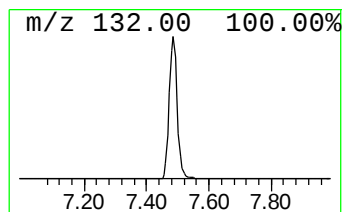
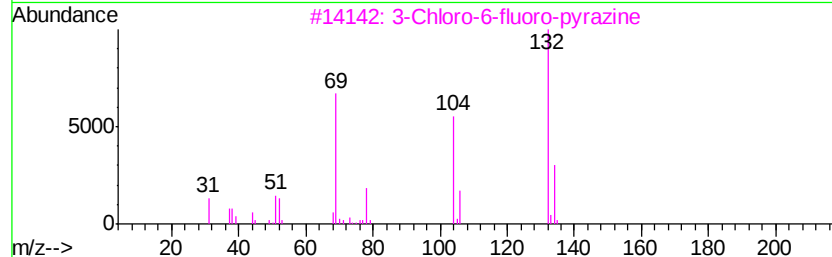
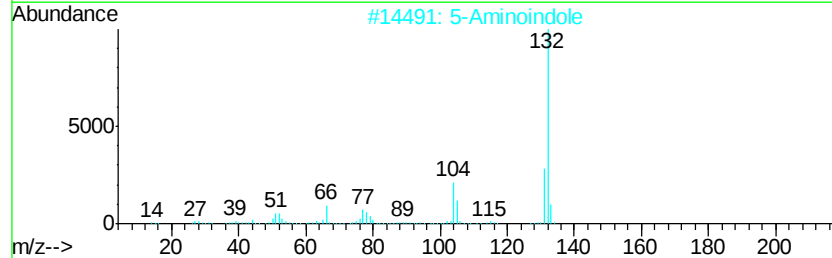
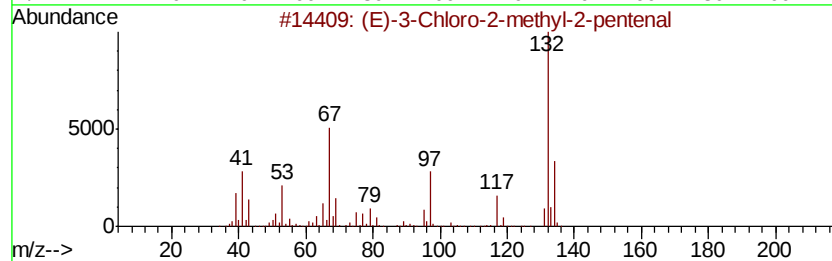
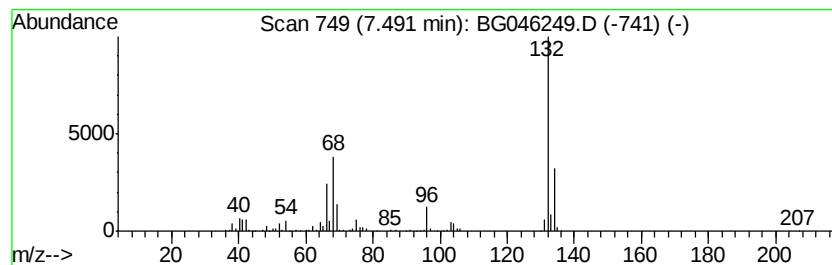
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	28.25 ng/ul	685059	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	30
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12



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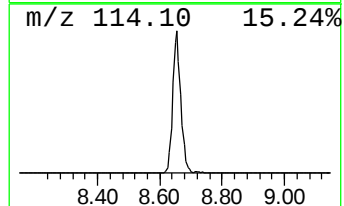
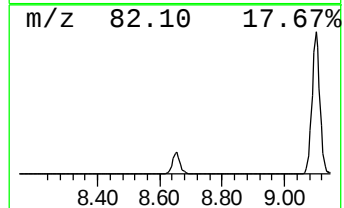
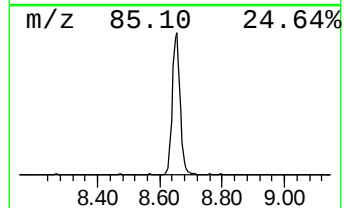
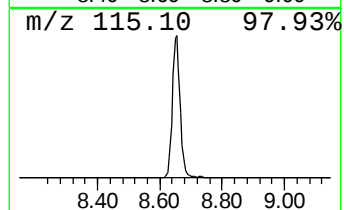
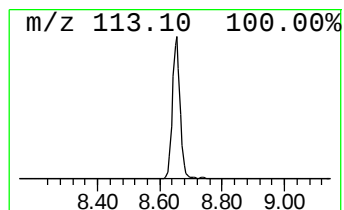
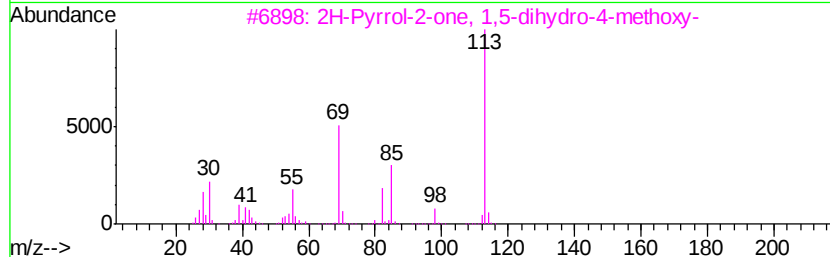
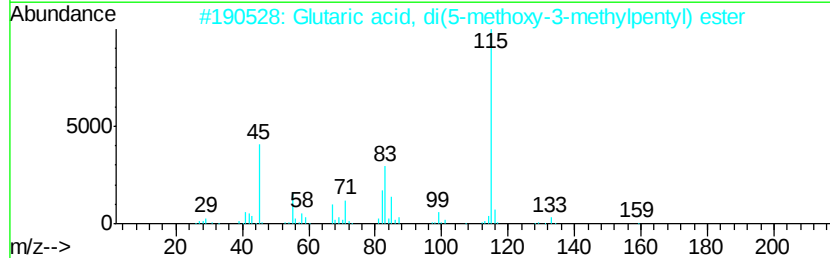
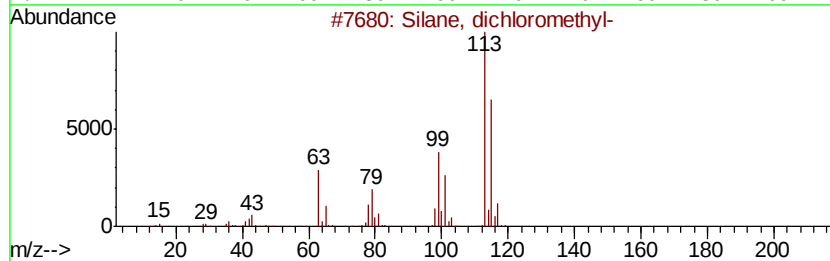
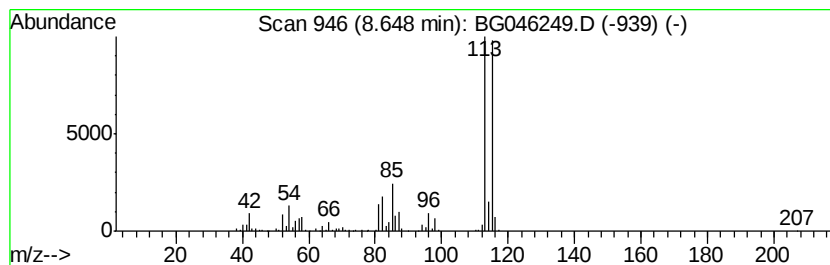
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	34.58 ng/ul	838612	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2		Glutaric acid, di(5-methoxy-3-me...	360	C19H36O6	1000360-08-3	35
3		2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
4		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	25
5		3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046249.D
Acq On : 13 Aug 2020 14:59
Operator : CG/JU
Sample : PB130917BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK17

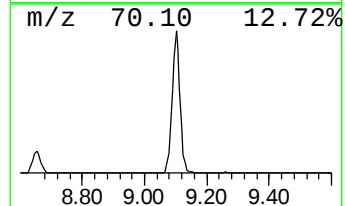
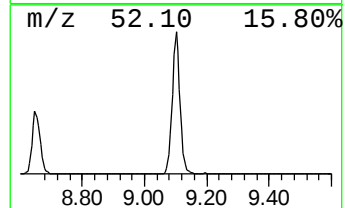
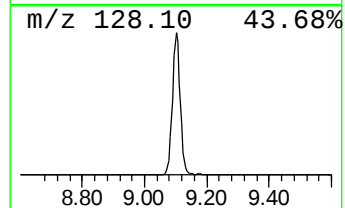
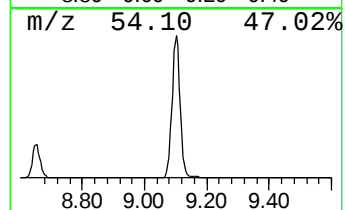
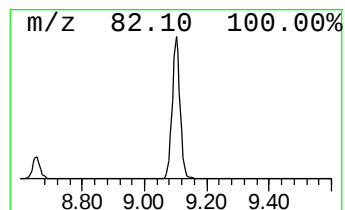
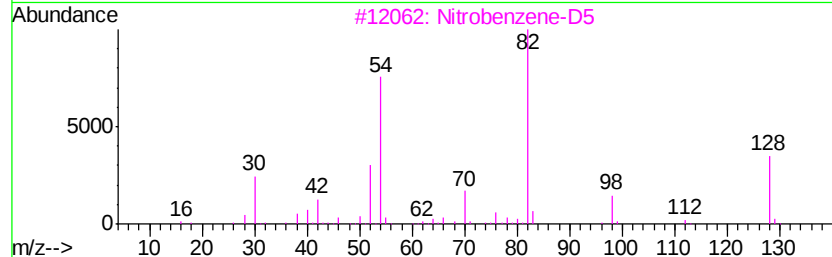
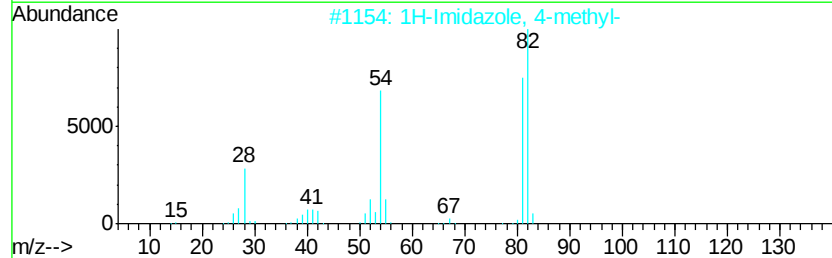
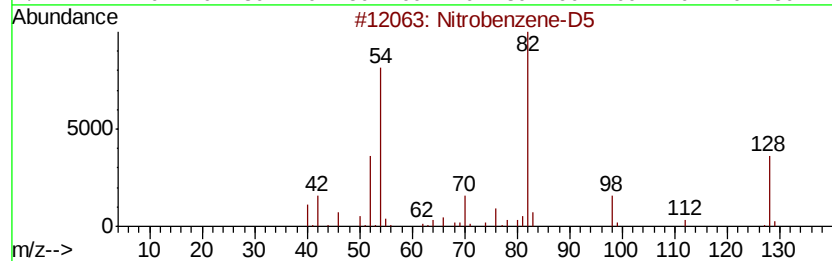
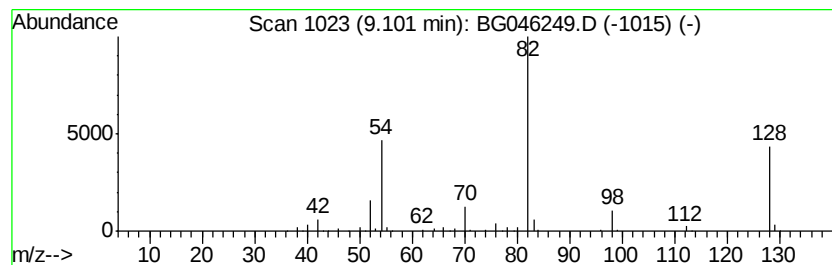
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	27.33 ng/ul	662697	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nitrobenzene-D5	128	C6D5NO2	004165-60-0	56
2		1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
3		Nitrobenzene-D5	128	C6D5NO2	004165-60-0	47
4		1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5		Dehydromevalonic lactone	112	C6H8O2	002381-87-5	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046249.D
Acq On : 13 Aug 2020 14:59
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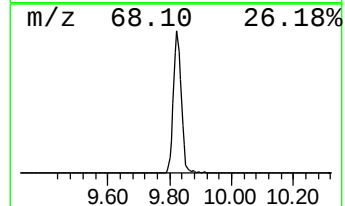
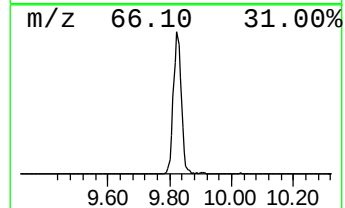
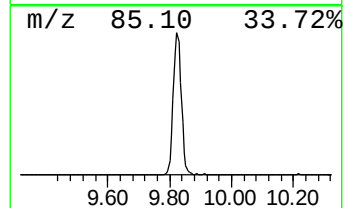
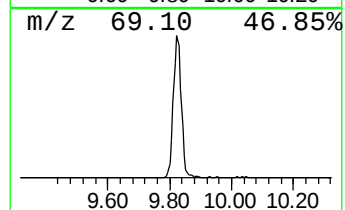
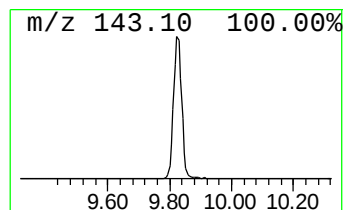
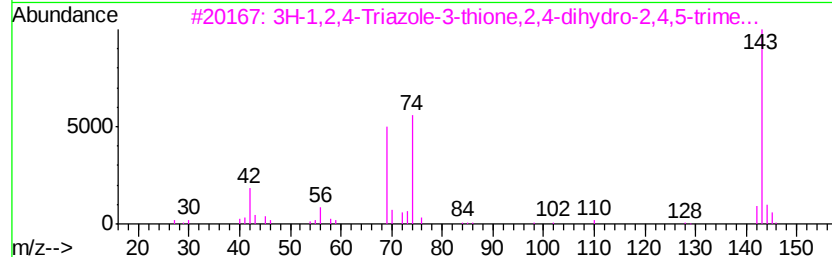
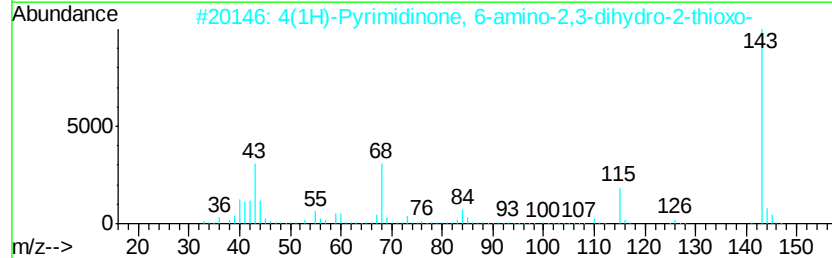
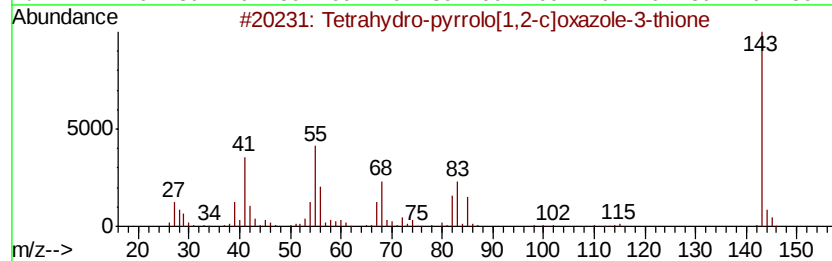
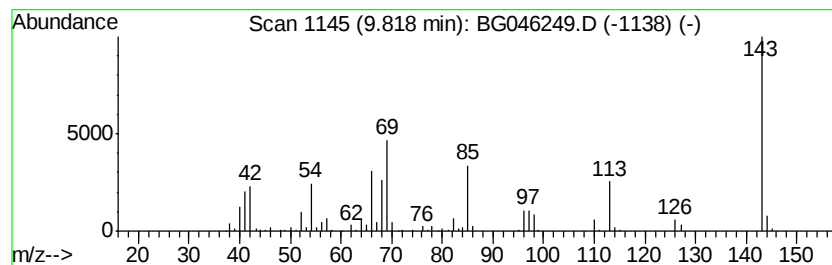
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	15.78 ng/ul	556214	Naphthalene-d8	10.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	17
2		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	16
3		3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
4		1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	12
5		1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	12



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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Sample : PB130917BL
Misc :
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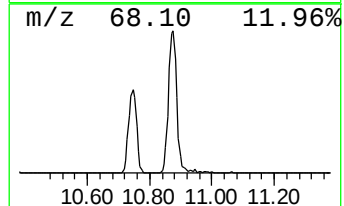
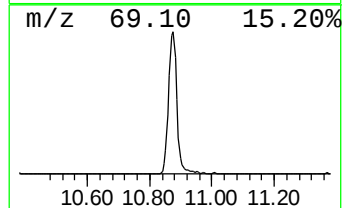
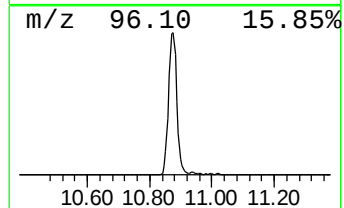
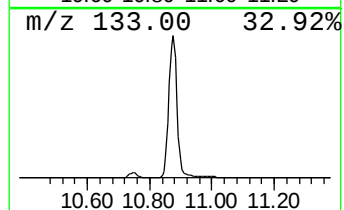
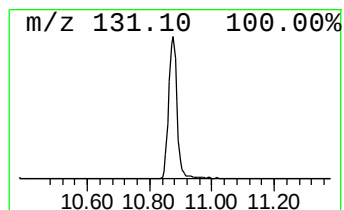
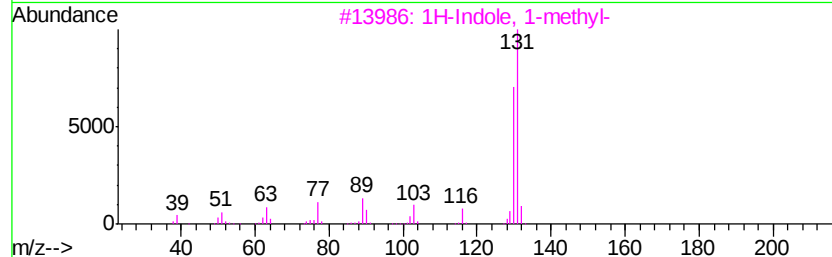
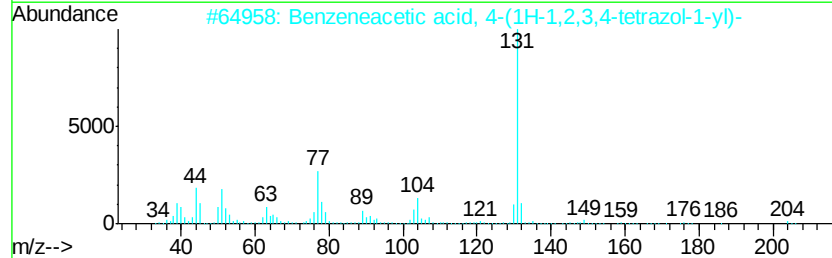
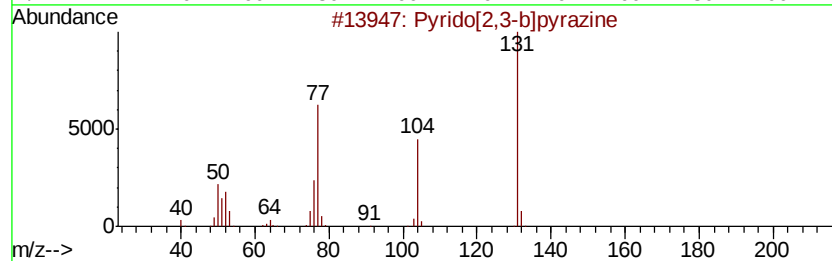
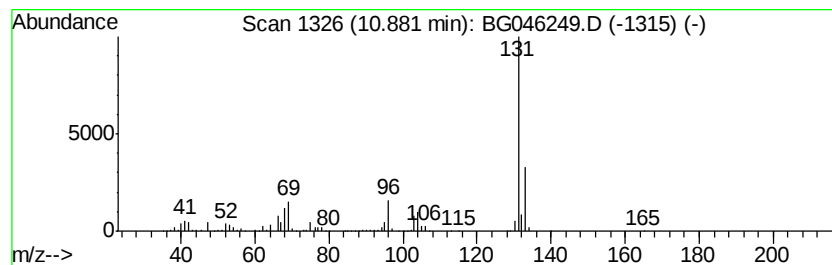
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	25.61 ng/ul	902779	Naphthalene-d8	10.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2		Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3		1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4		Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	9
5		Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
Data File : BG046249.D
Acq On : 13 Aug 2020 14:59
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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId :
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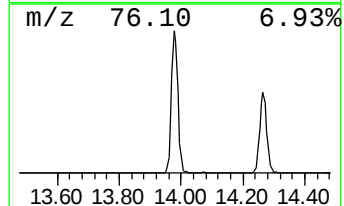
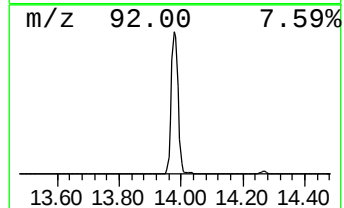
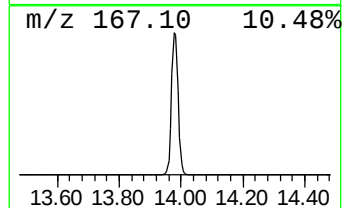
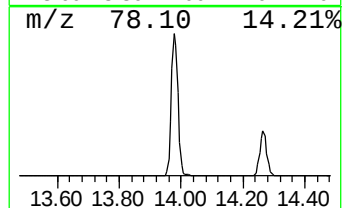
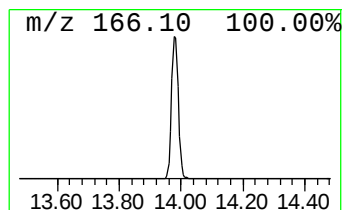
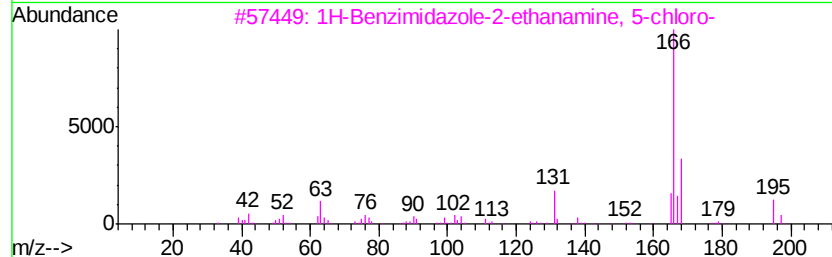
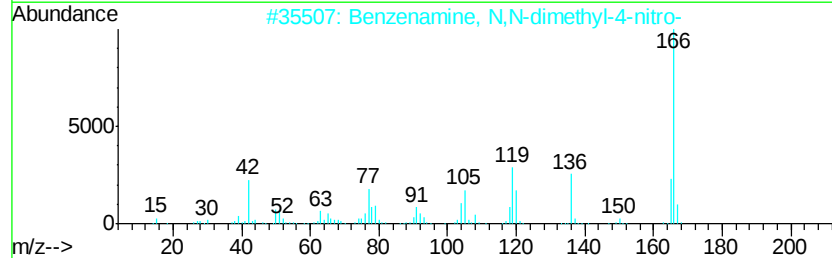
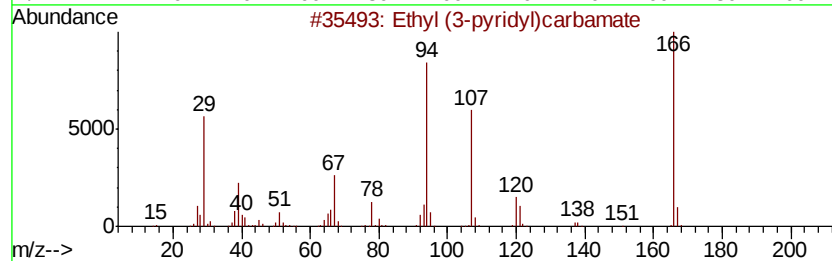
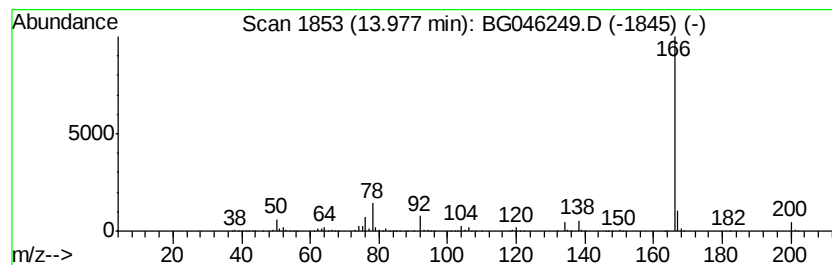
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	27.82 ng/ul	1484900	Acenaphthene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl (3-pyridyl)carbamate	166	C8H10N2O2	006276-11-5	39
2		Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
3		1H-Benzimidazole-2-ethanamine, 5...	195	C9H10ClN3	135875-16-0	38
4		Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	38
5		3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
 Data File : BG046249.D
 Acq On : 13 Aug 2020 14:59
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 Misc :
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Instrument :
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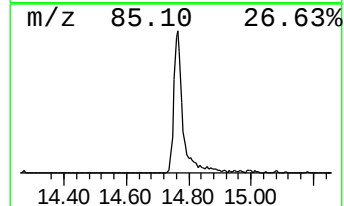
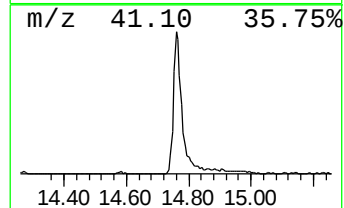
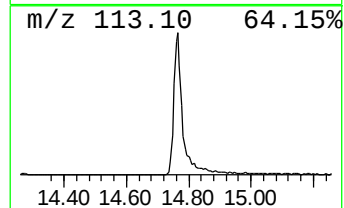
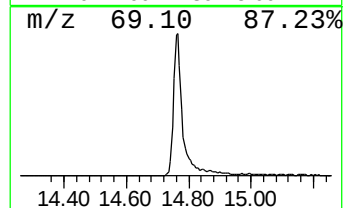
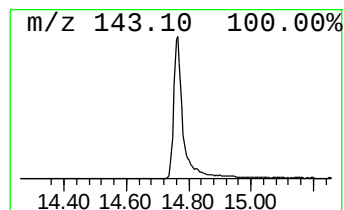
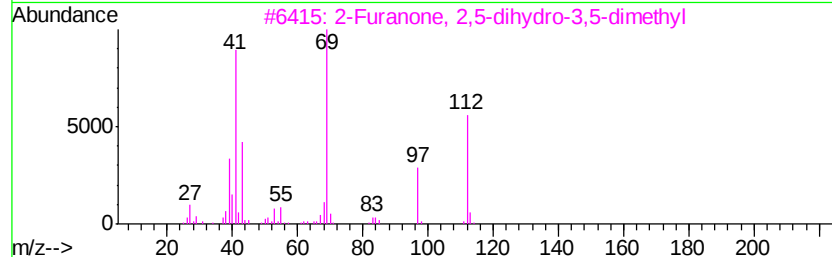
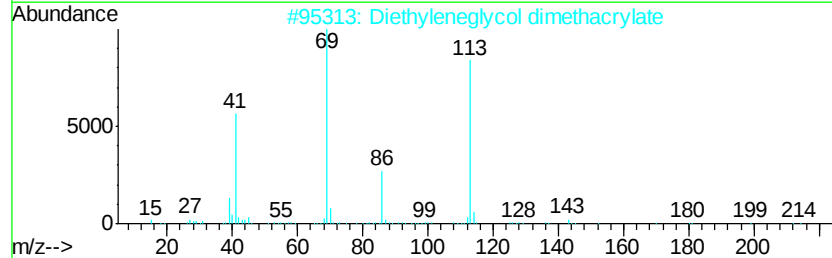
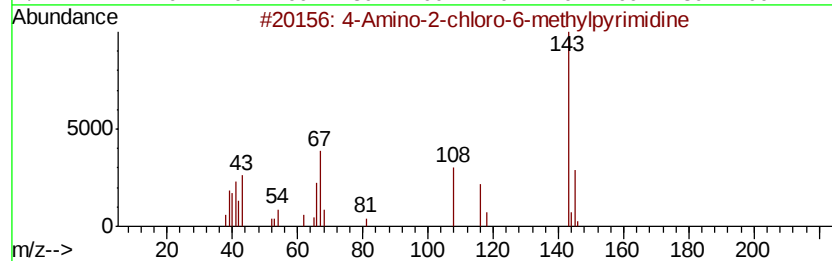
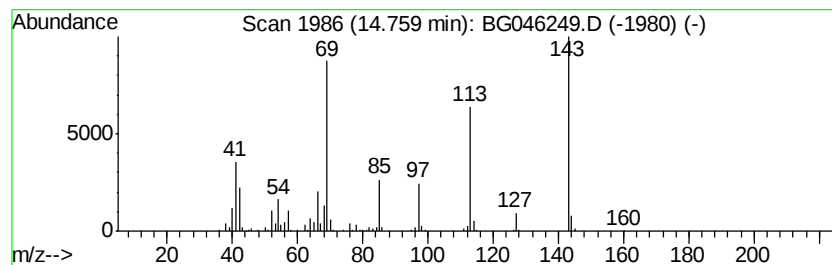
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 10 unknown-07 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	11.12 ng/ul	593403	Acenaphthene-d10	14.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	27
2		Diethyleneglycol dimethacrylate	242	C12H18O5	002358-84-1	25
3		2-Furanone, 2,5-dihydro-3,5-dimethyl	112	C6H8O2	1000196-88-1	22
4		Glutaric acid, ethyl 4-methylheptanoate	272	C15H28O4	1000377-14-9	22
5		N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	17



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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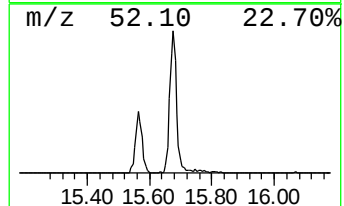
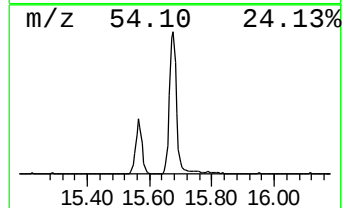
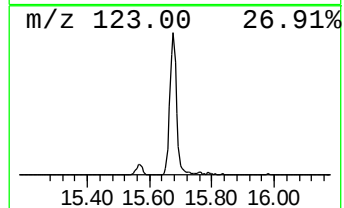
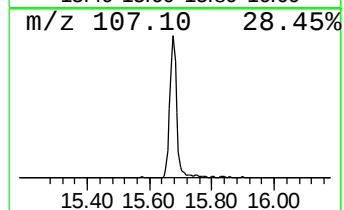
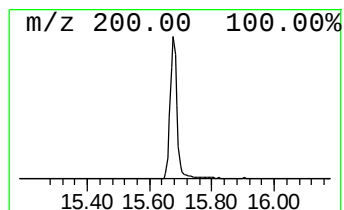
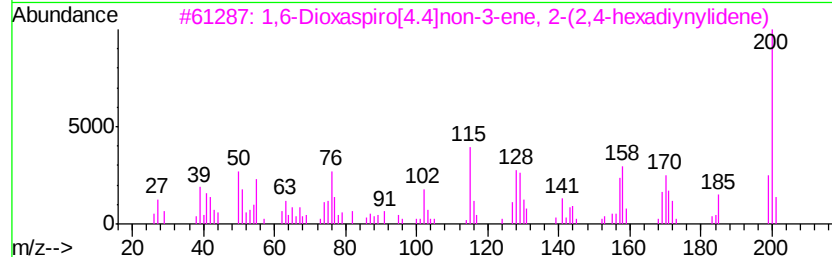
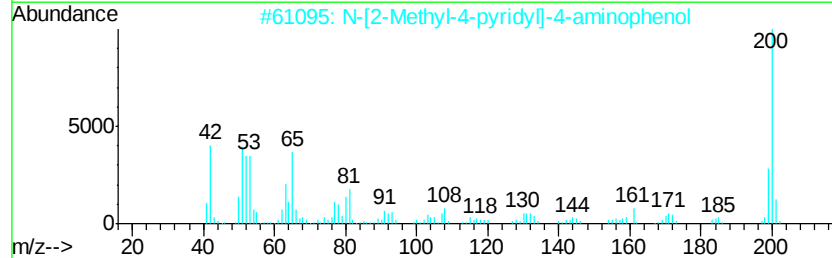
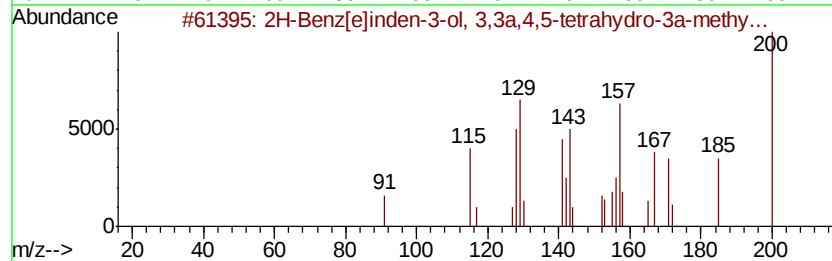
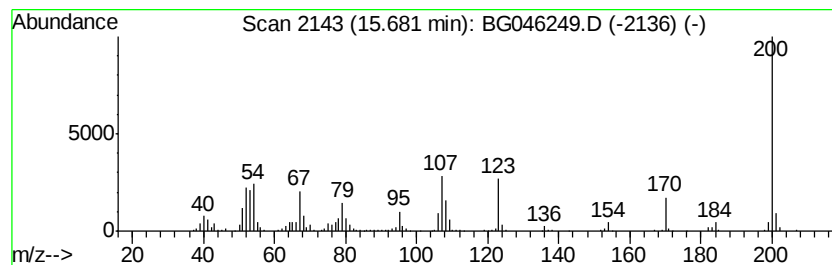
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	11.49 ng/ul	613435	Acenaphthene-d10	14.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200 C14H16O	071805-91-9	38
2	N-[2-Methyl-4-pyridyl]-4-aminoph...	200 C12H12N2O	1000252-23-9	16
3	1,6-Dioxaspiro[4.4]non-3-ene, 2-...	200 C13H12O2	016863-61-9	16
4	Benzenamine, 4,4'-oxybis-	200 C12H12N2O	000101-80-4	14
5	Benzene, 1-methoxy-4-phenoxy-	200 C13H12O2	001655-69-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081320\
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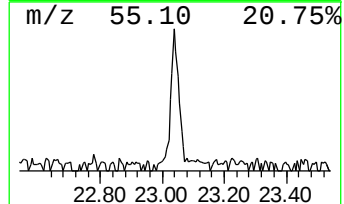
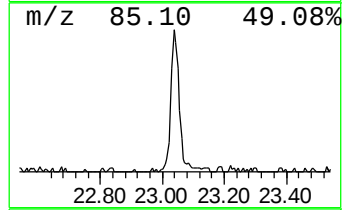
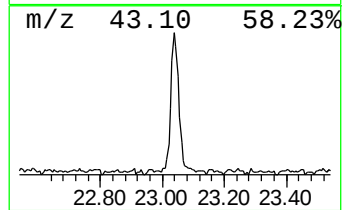
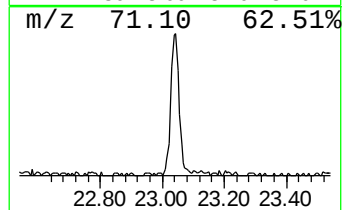
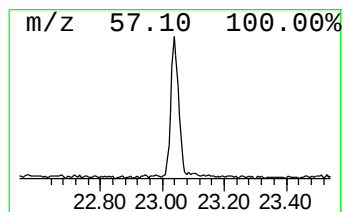
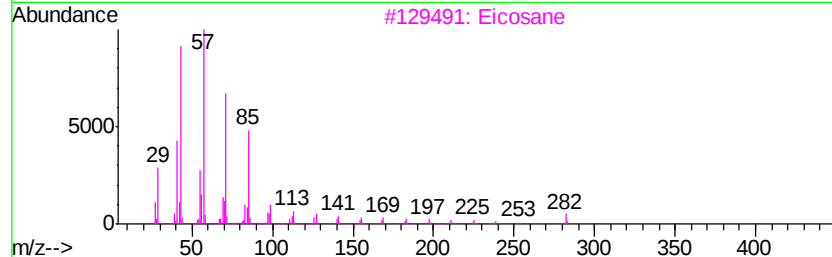
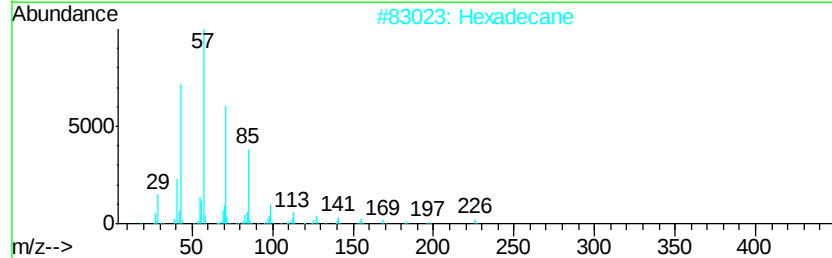
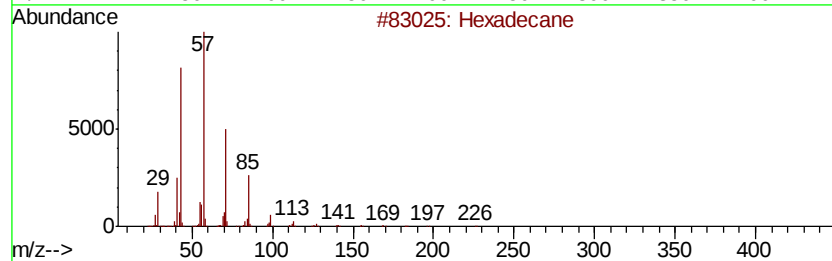
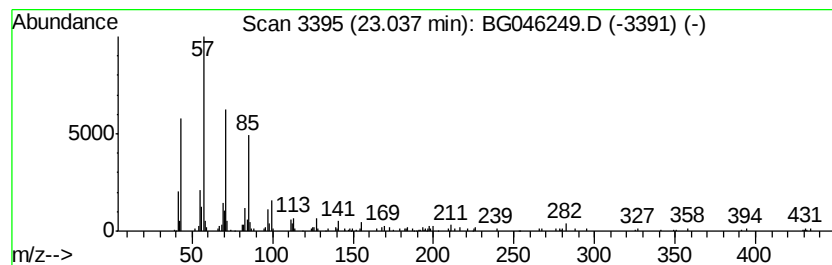
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	2.69 ng/ul	203533	Chrysene-d12	21.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Hexadecane	226	C16H34	000544-76-3	92
3		Eicosane	282	C20H42	000112-95-8	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081320\
Data File : BG046249.D
Acq On : 13 Aug 2020 14:59
Operator : CG/JU
Sample : PB130917BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.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...	3.17	4.0	ng/ul	95804	1	7.95	485024	20.0
2-Pyrrolidinone, ...	7.11	27.5	ng/ul	666491	1	7.95	485024	20.0
unknown-01	7.28	22.4	ng/ul	542646	1	7.95	485024	20.0
unknown-02	7.49	28.3	ng/ul	685059	1	7.95	485024	20.0
unknown-03	8.65	34.6	ng/ul	838612	1	7.95	485024	20.0
1H-Imidazole, 4-m...	9.10	27.3	ng/ul	662697	1	7.95	485024	20.0
unknown-04	9.82	15.8	ng/ul	556214	2	10.75	705139	20.0
unknown-05	10.88	25.6	ng/ul	902779	2	10.75	705139	20.0
unknown-06	13.98	27.8	ng/ul	1484900	3	14.58	1067640	20.0
unknown-07	14.76	11.1	ng/ul	593403	3	14.58	1067640	20.0
unknown-08	15.68	11.5	ng/ul	613435	3	14.58	1067640	20.0
(DEL) Alkane: Str...	23.04	2.7	ng/ul	203533	5	21.56	1515680	20.0