

(QT Reviewed)

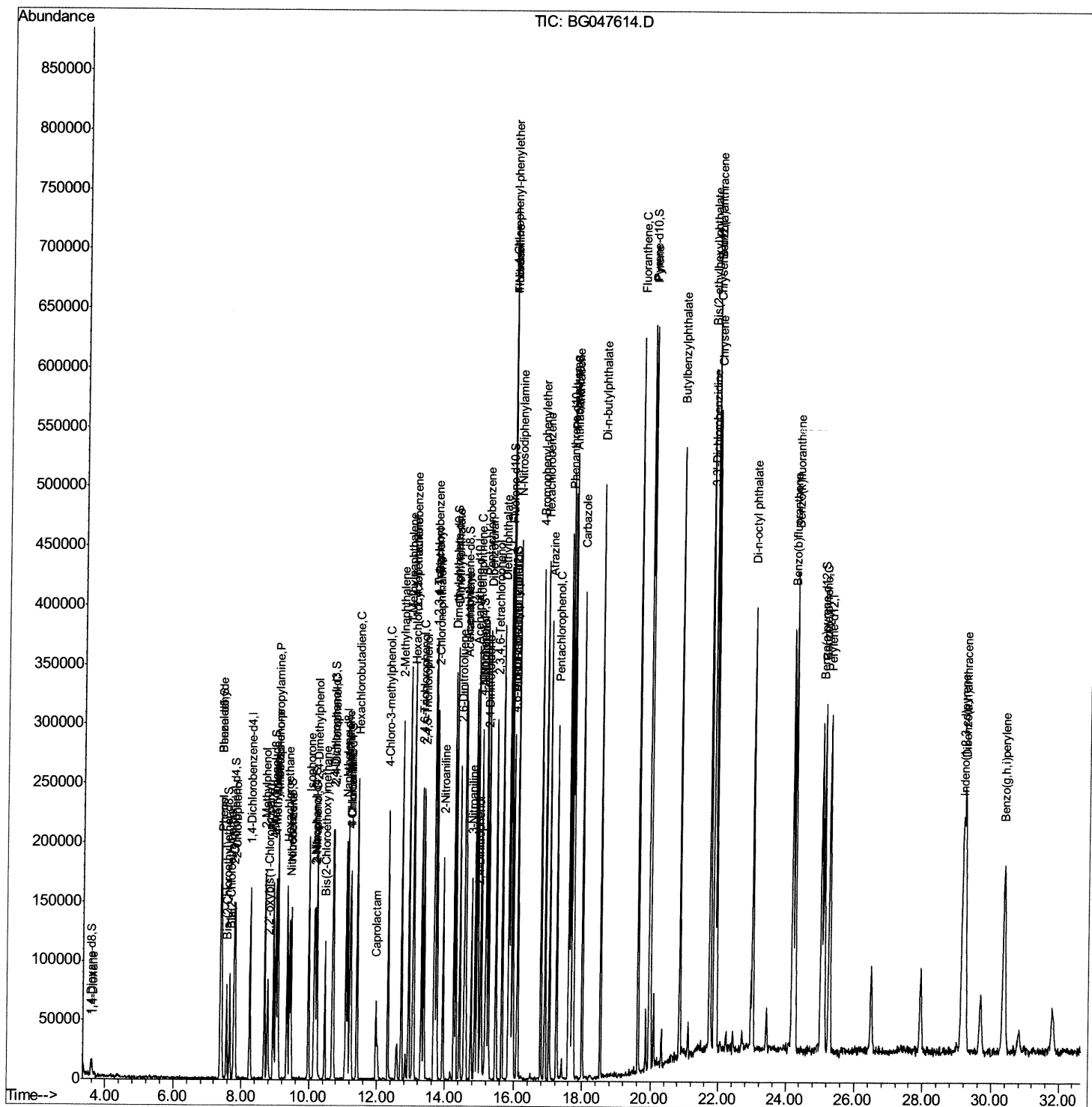
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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\  
Data File : BG047614.D  
Acq On    : 5 Dec 2020 20:37  
Operator  : CG/JU  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 47 Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02076

Manual Integrations

mohammad
12/7/2020 2:01:53 PM

Quant Time: Dec 07 06:31:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

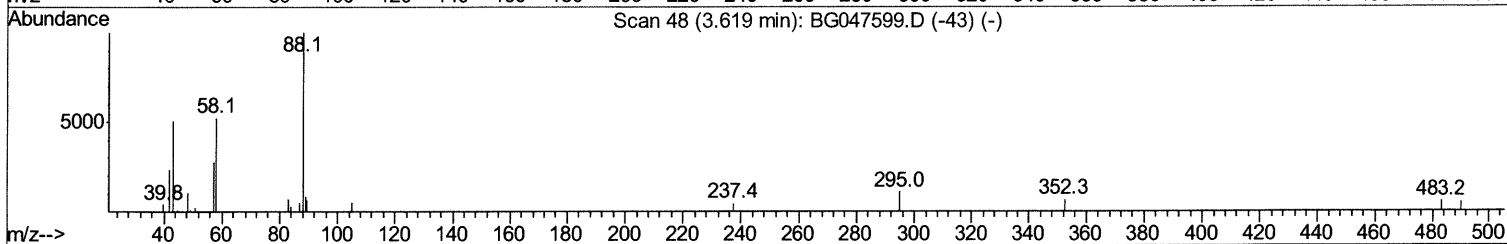
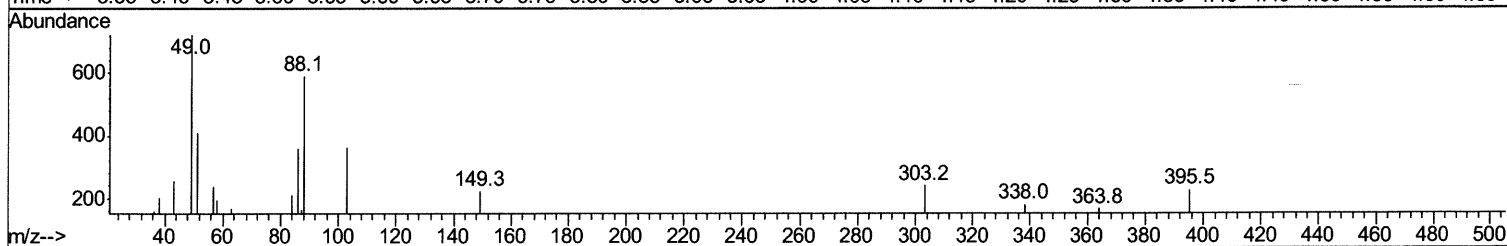
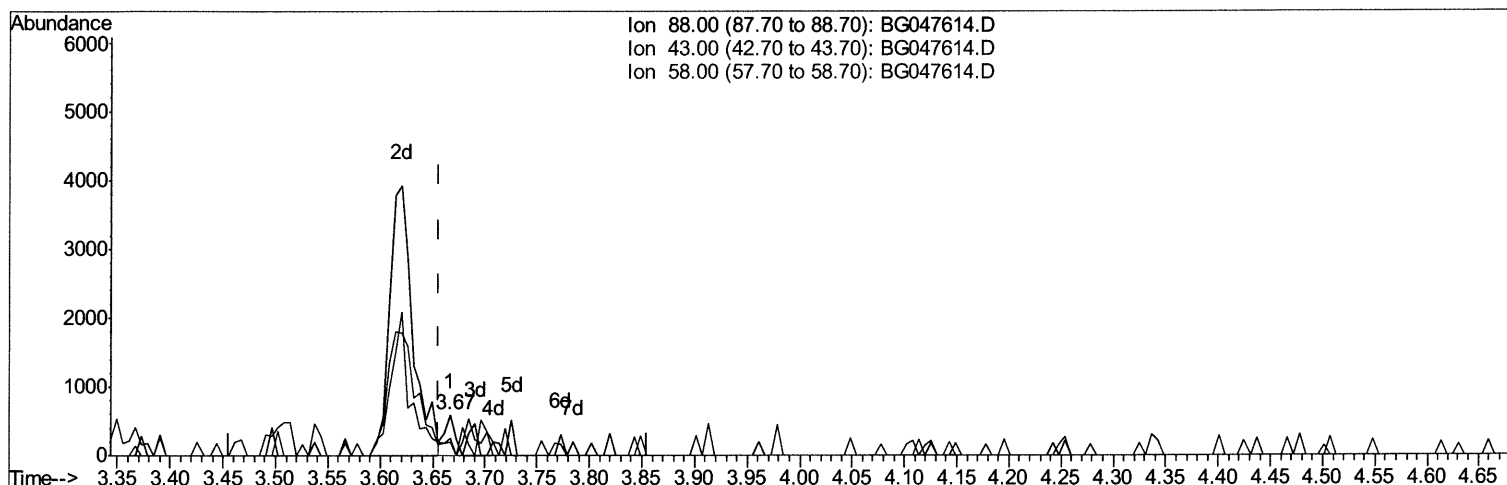
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
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TIC: BG047614.D

(2) 1,4-Dioxane

3.667min (+0.011) 0.34ng/uL

response 407

Ion	Exp%	Act%
88.00	100	100
43.00	13.00	43.56#
58.00	47.30	33.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

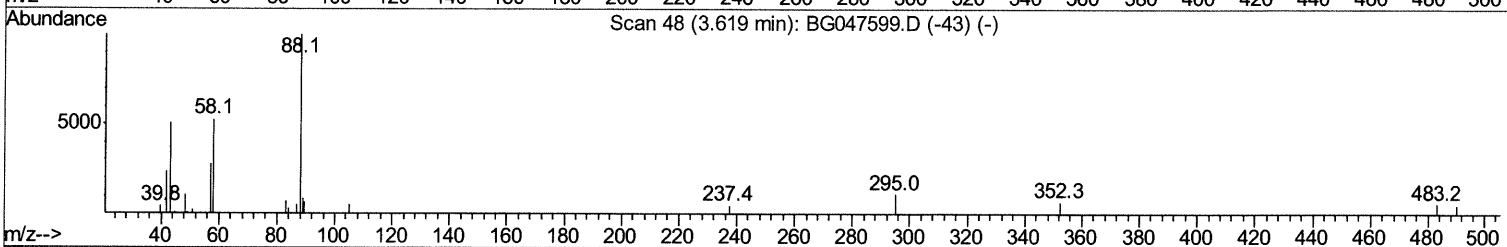
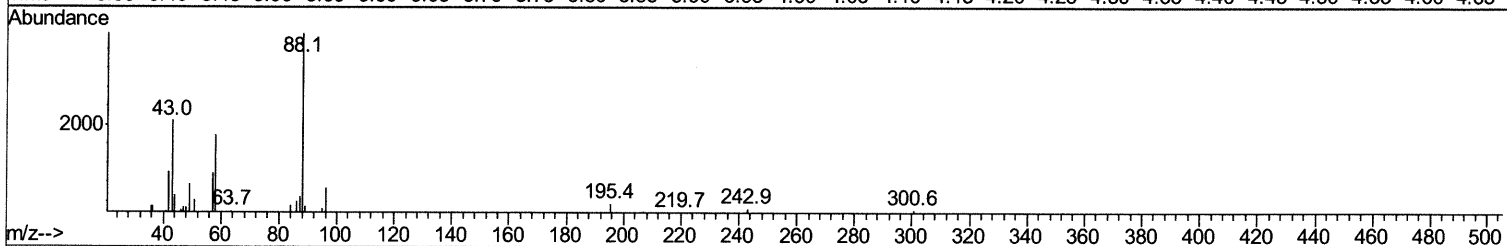
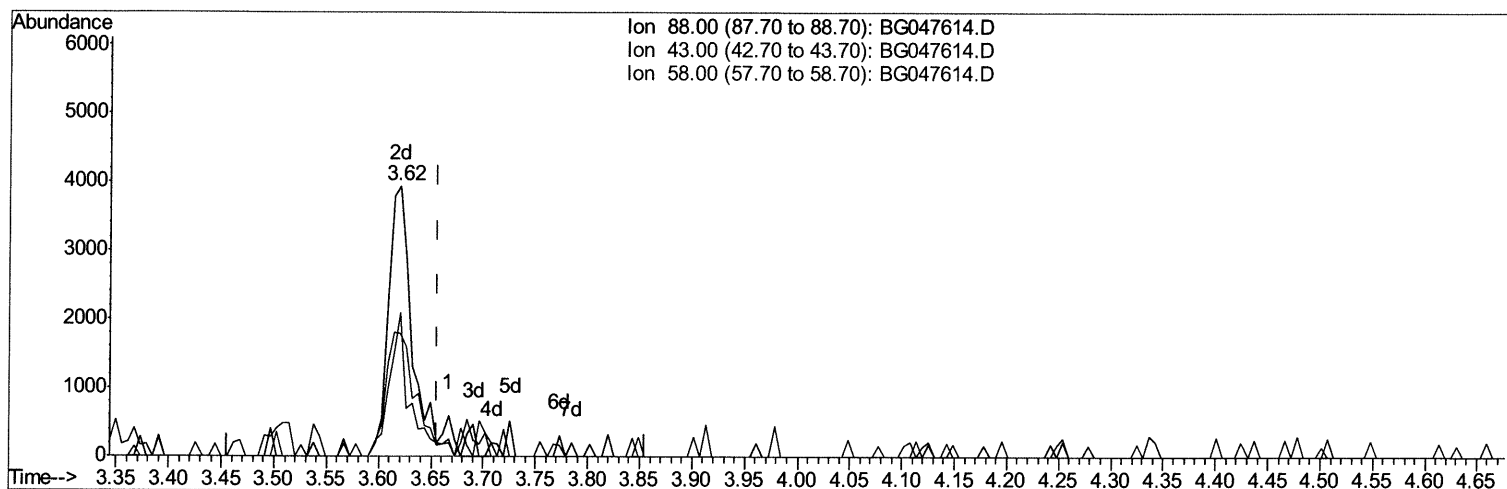
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(2) 1,4-Dioxane

3.620min (-0.036) 5.54ng/uL m 12/07/2020

response 6548

Ion	Exp%	Act%
88.00	100	100
43.00	13.00	53.24#
58.00	47.30	45.31
0.00	0.00	0.00

Quantitation Report (Qedit)

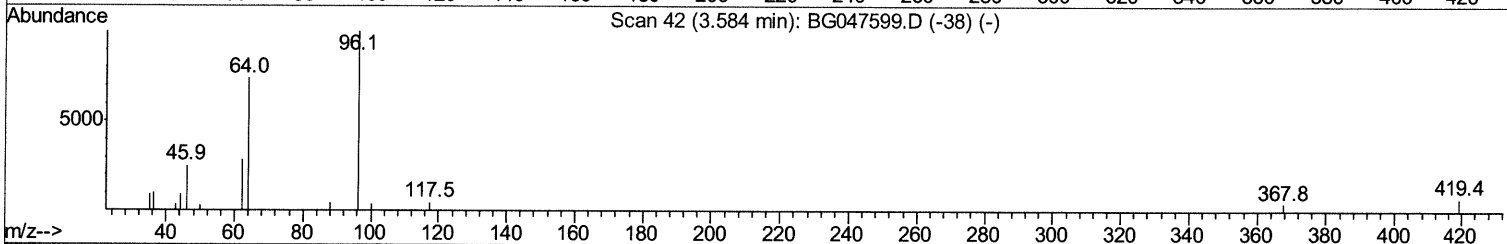
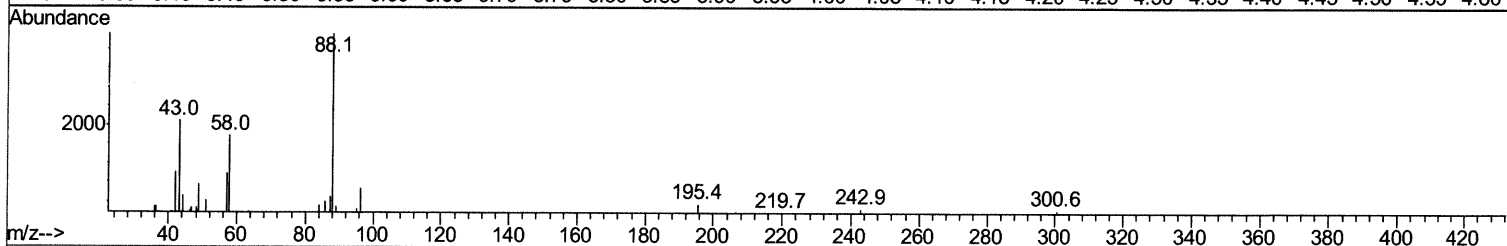
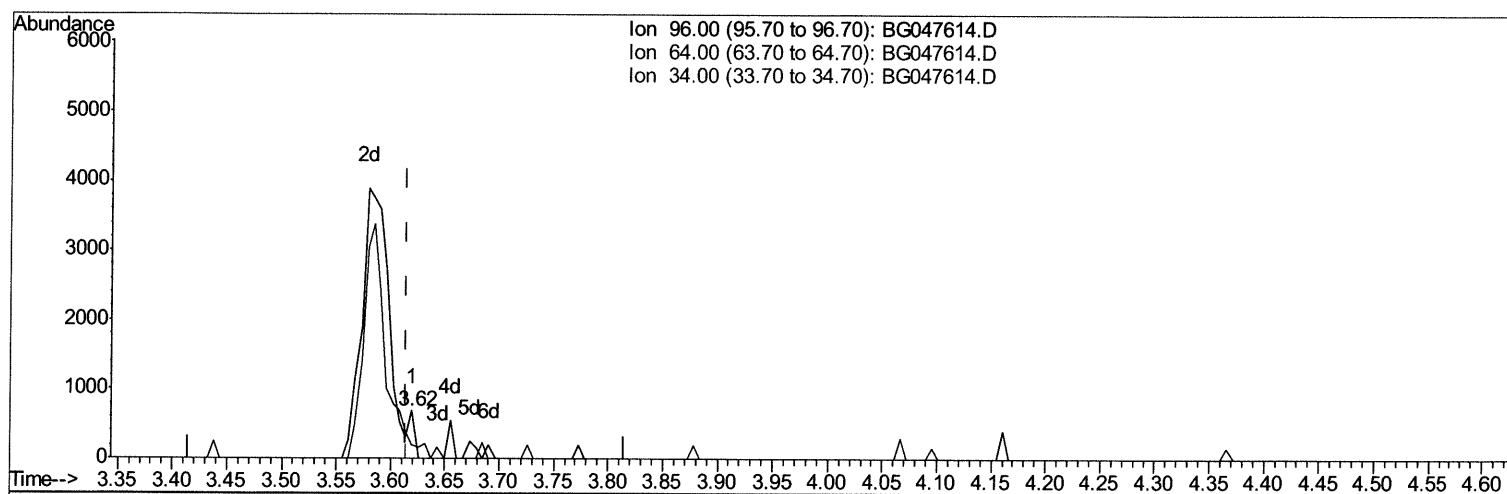
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TIC: BG047614.D

(3) 1,4-Dioxane-d8 (S)

3.620min (+0.005) 0.21ng/uL

response 240

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	27.90#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

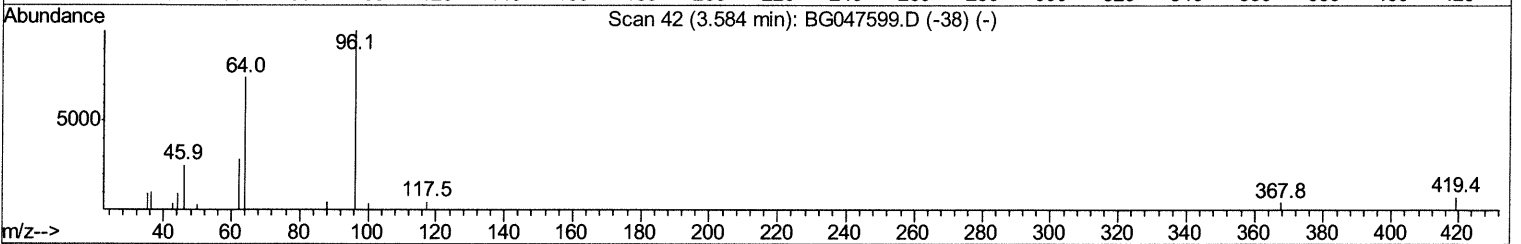
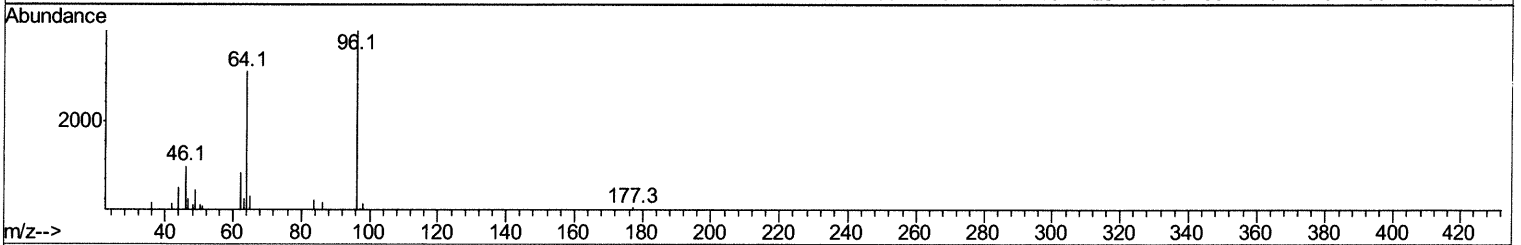
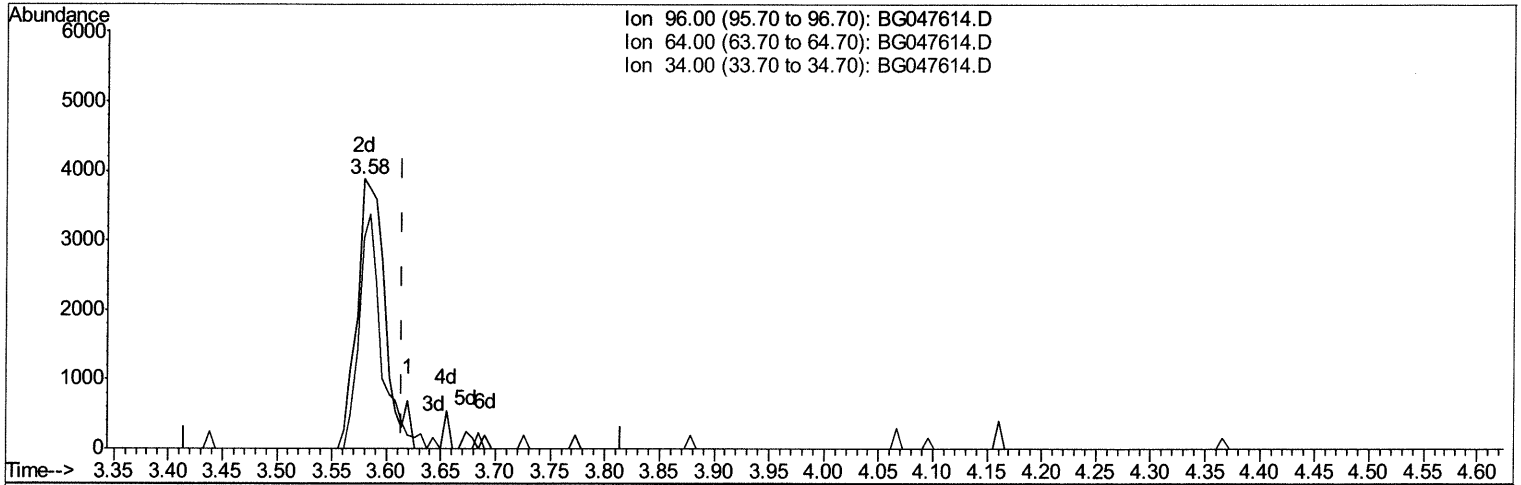
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 Sample : SSTDCCC020EC
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 ALS Vial : 47 Sample Multiplier: 1

Instrument :
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(3) 1,4-Dioxane-d8 (S)

3.579min (-0.036) 6.08ng/uL m 12/07/2020

response 6954

Ion	Exp%	Act%
96.00	100	100
64.00	61.30	78.17#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

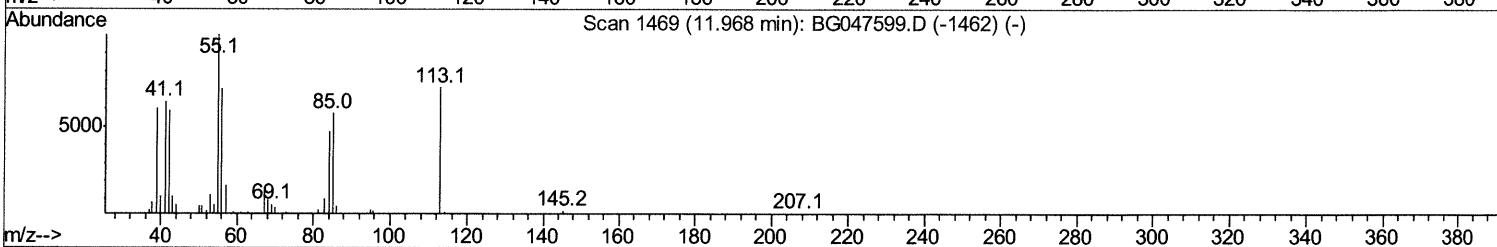
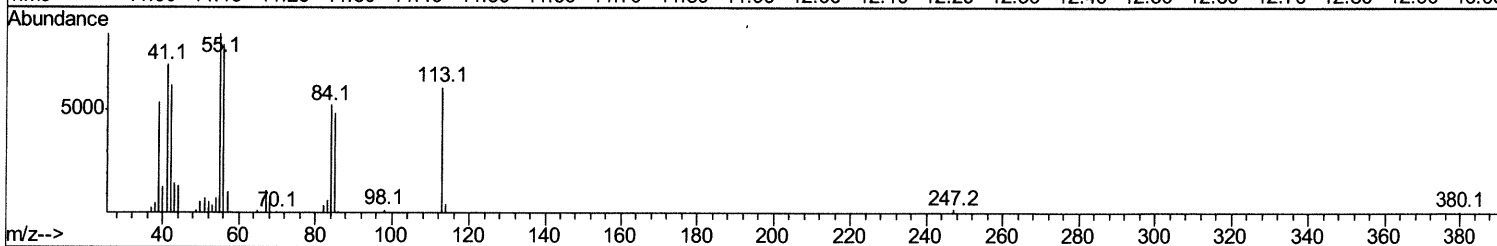
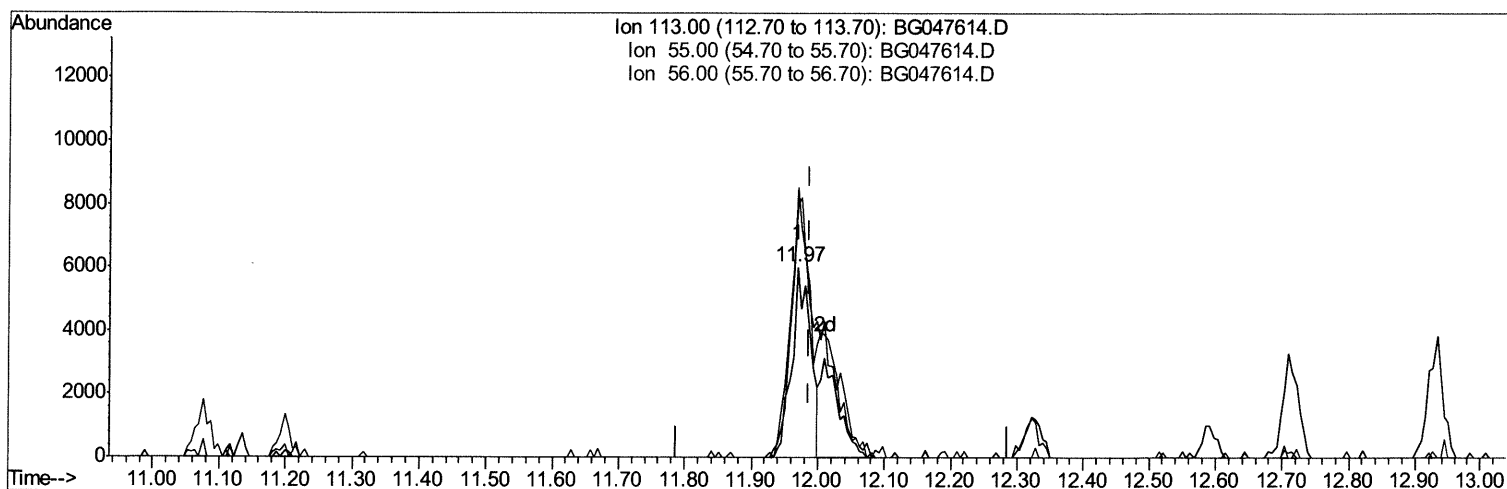
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(32) Caprolactam

11.969min (-0.018) 11.84ng/ul

response 11753

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	141.51
56.00	138.20	132.58
0.00	0.00	0.00

Quantitation Report (Qedit)

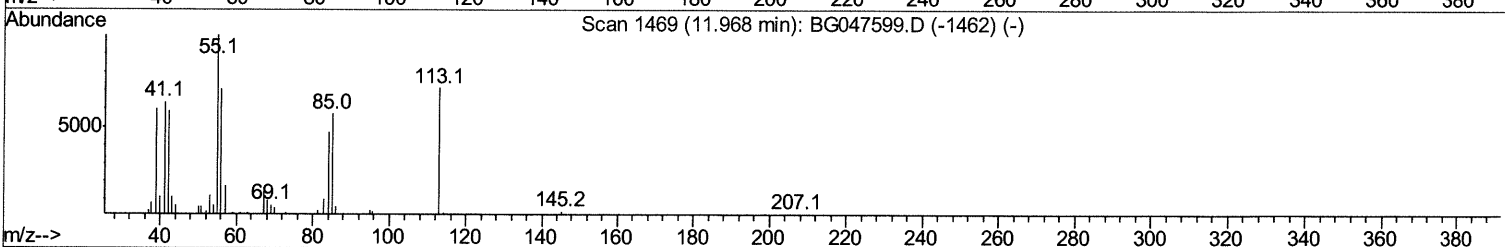
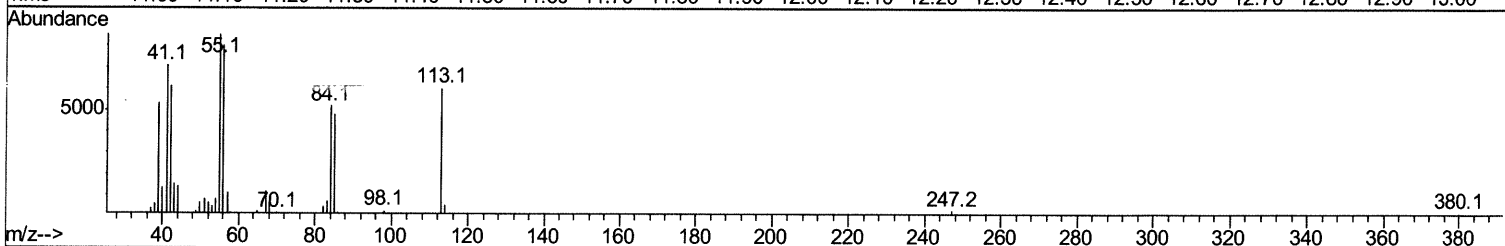
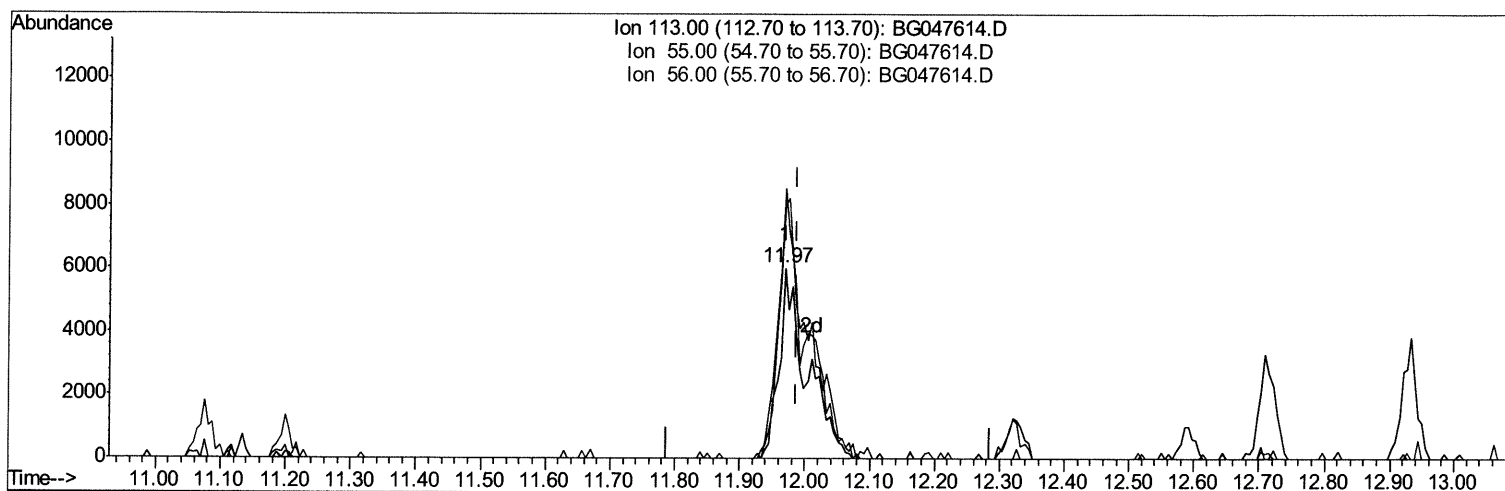
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Manual Integrations
APPROVED

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TIC: BG047614.D

(32) Caprolactam

11.969min (-0.018) 17.95ng/ul m 12/07/2020

response 17829

Ion	Exp%	Act%
113.00	100	100
55.00	121.30	141.51
56.00	138.20	132.58
0.00	0.00	0.00

Quantitation Report (Qedit)

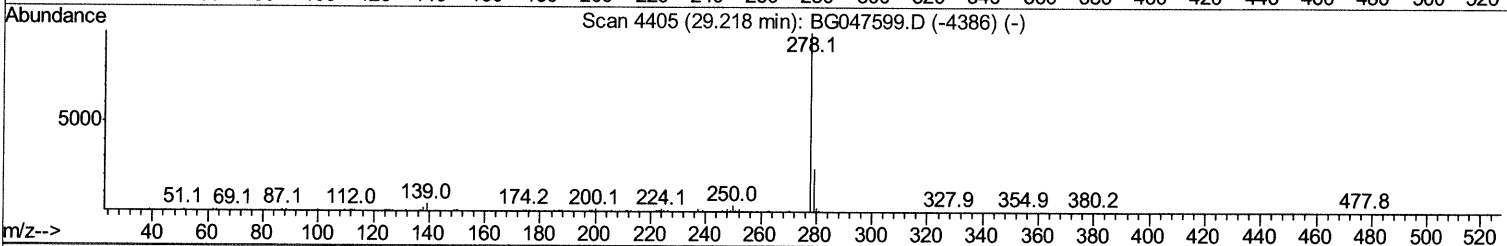
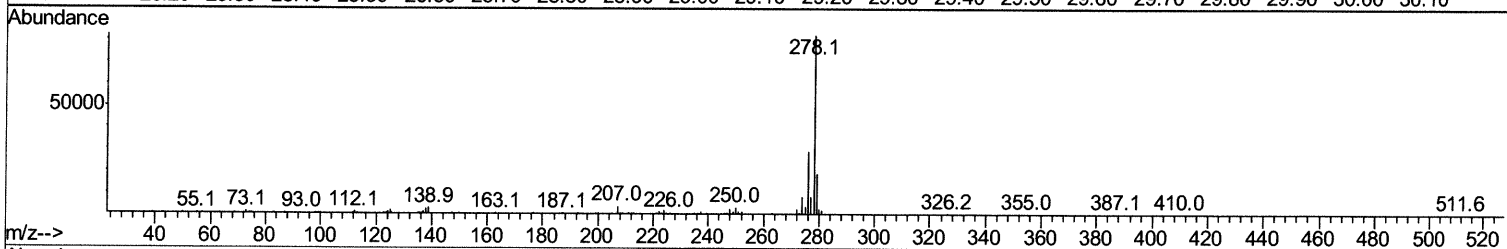
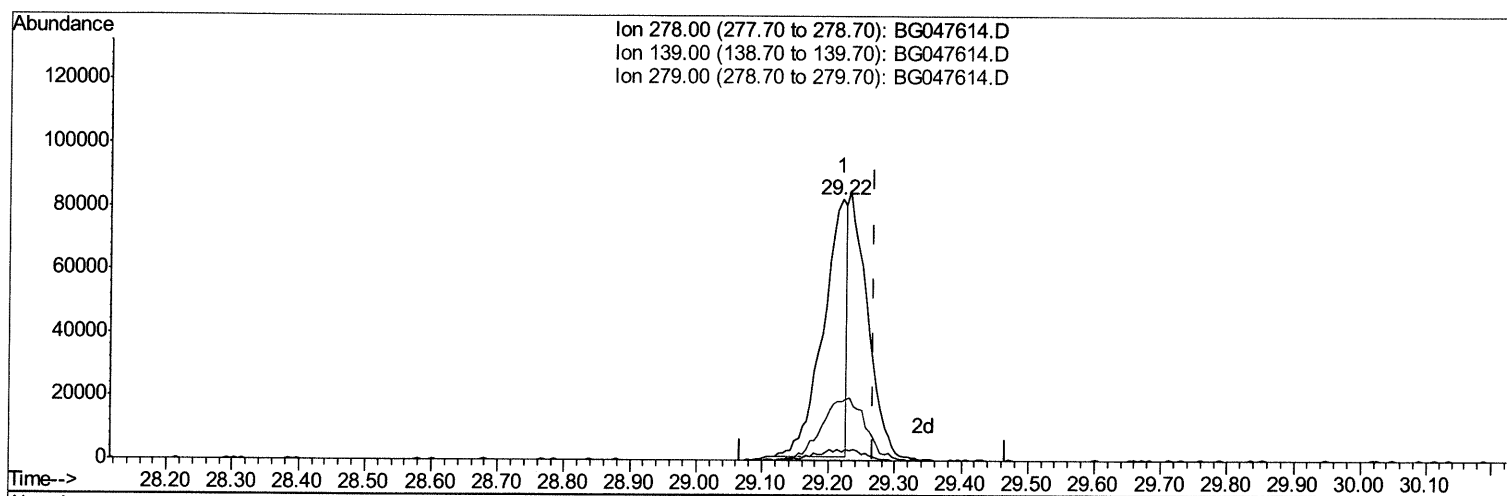
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TIC: BG047614.D

(93) Dibenzo(a,h)anthracene

29.219min (-0.048) 11.05ng/ui

response 201494

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	3.31#
279.00	25.00	22.64
0.00	0.00	0.00

Quantitation Report (Qedit)

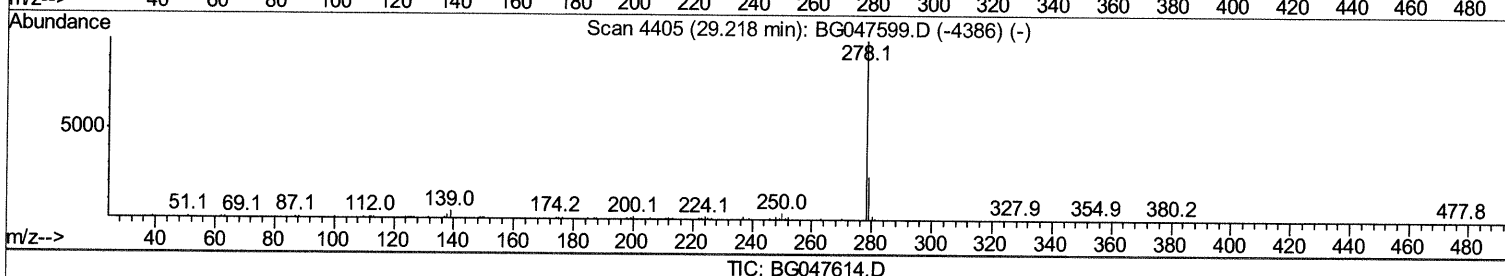
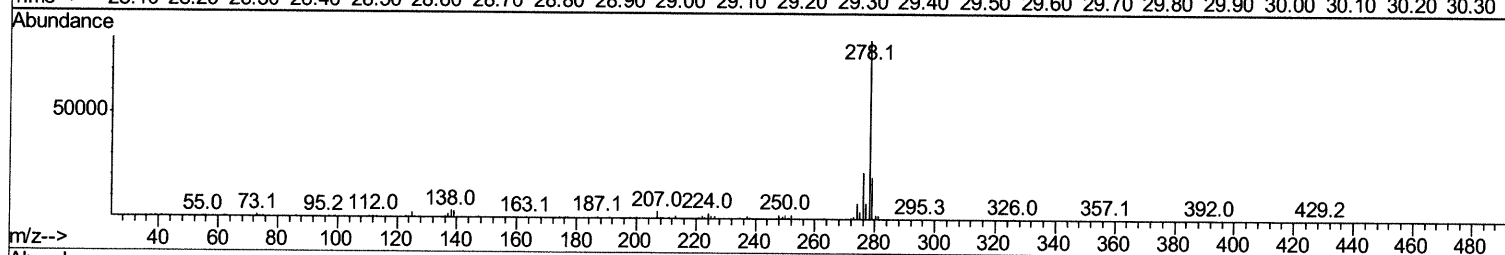
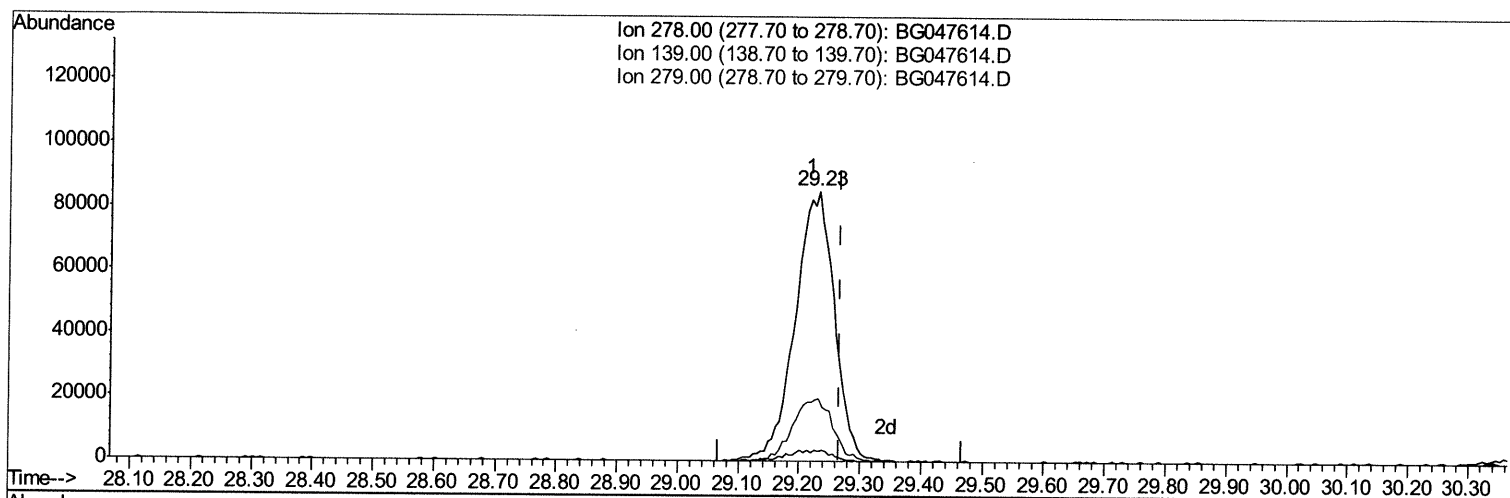
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Misc :
ALS Vial : 47 Sample Multiplier: 1

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Manual Integrations
APPROVED

mohammad
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(93) Dibenzo(a,h)anthracene

29.231min (-0.036) 20.94ng/ul m 12/07/2020

response 381661

Ion	Exp%	Act%
278.00	100	100
139.00	7.20	3.48#
279.00	25.00	23.31
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	41606	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	148706	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	117058	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	304674	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	276697	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	290365	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	6954m>	6.08	ng/uL>	-0.04	12/07/2020
5) Phenol-d5	7.39	99	69777	16.72	ng/ul	-0.01	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	35593	14.96	ng/ul	-0.02	
9) 2-Chlorophenol-d4	7.77	132	50672	18.11	ng/ul	-0.02	
13) 4-Methylphenol-d8	8.95	113	52917	16.50	ng/ul	-0.01	
19) Nitrobenzene-d5	9.42	128	26292	21.40	ng/ul	-0.02	
22) 2-Nitrophenol-d4	10.15	143	30983	23.12	ng/ul	-0.02	
26) 2,4-Dichlorophenol-d3	10.69	165	62692	20.43	ng/ul	-0.02	
29) 4-Chloroaniline-d4	11.20	131	64512	20.79	ng/ul	-0.02	
44) Dimethylphthalate-d6	14.25	166	197061	19.61	ng/ul	-0.02	
47) Acenaphthylene-d8	14.56	160	237378	20.44	ng/ul	-0.02	
52) 4-Nitrophenol-d4	15.03	143	31960	20.85	ng/ul	0.00	
58) Fluorene-d10	15.85	176	185678	20.17	ng/ul	-0.02	
63) 4,6-Dinitro-2-methylphenol	15.95	200	39716	22.90	ng/ul	-0.02	
71) Anthracene-d10	17.70	188	311310	20.60	ng/ul	-0.02	
79) Pyrene-d10	19.97	212	339377	21.08	ng/ul	-0.01	
90) Benzo(a)pyrene-d12	25.04	264	339535	20.32	ng/ul	-0.02	

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.62	88	6548m>	5.544	ng/uL>
4) Benzaldehyde	7.37	77	40097	16.269	ng/ul
6) Phenol	7.41	94	66313	16.588	ng/ul
8) Bis(2-Chloroethyl)ether	7.65	93	45020	15.256	ng/ul
10) 2-Chlorophenol	7.81	128	49172	17.411	ng/ul
11) 2-Methylphenol	8.68	108	50485	16.257	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.77	45	41817	13.473	ng/ul#
14) Acetophenone	9.07	105	86794	17.575	ng/ul
15) N-Nitroso-di-n-propylamine	9.05	70	46458	15.593	ng/ul
16) 4-Methylphenol	9.01	108	55230	16.945	ng/ul
17) Hexachloroethane	9.35	117	26018	19.604	ng/ul
20) Nitrobenzene	9.46	77	76485	19.252	ng/ul#
21) Isophorone	9.98	82	132653	17.520	ng/ul#
23) 2-Nitrophenol	10.18	139	32056	22.001	ng/ul
24) 2,4-Dimethylphenol	10.22	107	72635	19.639	ng/ul
25) Bis(2-Chloroethoxy)methane	10.46	93	59244	16.267	ng/ul#
27) 2,4-Dichlorophenol	10.71	162	58491	21.469	ng/ul
28) Naphthalene	11.13	128	165292	19.625	ng/ul
30) 4-Chloroaniline	11.22	127	60307	20.391	ng/ul#
31) Hexachlorobutadiene	11.41	225	59702	23.292	ng/ul
32) Caprolactam	11.97	113	17829m>	17.954	ng/ul>
33) 4-Chloro-3-methylphenol	12.32	107	64848	19.260	ng/ul
34) 2-Methylnaphthalene	12.72	142	131213	21.023	ng/ul

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
35) 1-Methylnaphthalene	12.93	142	145558	19.842	nq/uL#	99
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	97289	21.150	nq/ul	99
38) Hexachlorocyclopentadiene	13.06	237	58894	18.400	nq/ul	97
39) 2,4,6-Trichlorophenol	13.30	196	60424	21.153	nq/ul	98
40) 2,4,5-Trichlorophenol	13.37	196	64751	21.834	nq/ul	95
41) 1,1'-Biophenyl	13.70	154	178928	19.706	nq/ul	99
42) 2-Chloronaphthalene	13.75	162	145459	20.209	nq/ul	95
43) 2-Nitroaniline	13.94	65	52019	19.871	nq/ul#	82
45) Dimethylphthalate	14.30	163	204787	19.979	nq/ul#	98
46) 2,6-Dinitrotoluene	14.42	165	42927	21.869	nq/ul	92
48) Acenaphthylene	14.59	152	212561	19.692	nq/ul	97
49) 3-Nitroaniline	14.75	138	35410	23.102	nq/ul#	80
50) Acenaphthene	14.93	153	154051	20.346	nq/ul	95
51) 2,4-Dinitrophenol	14.96	184	23954	22.901	nq/ul#	88
53) 4-Nitrophenol	15.05	109	54454	24.532	nq/ul#	72
54) Dibenzofuran	15.26	168	224504	20.188	nq/ul	98
55) 2,4-Dinitrotoluene	15.21	165	62684	22.508	nq/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.48	232	64667	22.769	nq/ul#	98
57) Diethylphthalate	15.66	149	196565	19.547	nq/ul	93
59) Fluorene	15.91	166	187881	20.054	nq/ul	96
60) 4-Chlorophenyl-phenylether	15.89	204	116974	20.785	nq/ul	95
61) 4-Nitroaniline	15.91	138	39978	22.276	nq/ul#	71
64) 4,6-Dinitro-2-methylphenol	15.97	198	39996	22.039	nq/ul#	89
65) N-Nitrosodiphenylamine	16.10	169	173635	19.966	nq/ul	98
66) 4-Bromophenyl-phenylether	16.78	248	82450	21.303	nq/ul	97
67) Hexachlorobenzene	16.90	284	88459	21.848	nq/ul	94
68) Atrazine	17.03	200	78371	20.474	nq/ul	93
69) Pentachlorophenol	17.24	266	54178	22.877	nq/ul	94
70) Phenanthrene	17.64	178	330369	20.080	nq/ul	99
72) Anthracene	17.73	178	332320	20.056	nq/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	98250	20.514	nq/uL	94
74) Pentachlorobenzene	15.18	250	98366	21.363	nq/uL	99
75) Carbazole	18.00	167	273053	20.429	nq/ul	97
76) Di-n-butylphthalate	18.54	149	324237	19.045	nq/ul	98
77) Fluoranthene	19.64	202	426838	20.542	nq/ul#	97
80) Pyrene	19.99	202	417307	21.291	nq/ul#	93
81) Butylbenzylphthalate	20.86	149	135975	19.753	nq/ul	98
82) 3,3'-Dichlorobenzidine	21.76	252	134810	20.870	nq/ul	99
83) Benzo(a)anthracene	21.86	228	394753	20.051	nq/ul	96
84) Bis(2-ethylhexyl)phthalate	21.74	149	186365	19.423	nq/ul	96
85) Chrysene	21.93	228	379012	20.230	nq/ul	98
87) Di-n-octyl phthalate	23.01	149	306735	19.073	nq/ul	100
88) Benzo(b)fluoranthene	24.19	252	408111	19.907	nq/ul#	100
89) Benzo(k)fluoranthene	24.26	252	411783	20.382	nq/ul#	100
91) Benzo(a)pyrene	25.11	252	371464	20.325	nq/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.15	276	457675	20.587	nq/ul#	91
93) Dibenzo(a,h)anthracene	29.23	278	381661m	20.940	nq/ul	12/07/2020
94) Benzo(a,h,i)perylene	30.38	276	374924	20.439	nq/ul#	92

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047614.D
Acq On : 5 Dec 2020 20:37
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 07 06:31:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
BNA_G
LabSampleId :
SSTD02076

Manual Integrations
APPROVED

mohammad
12/7/2020 2:01:53 PM