

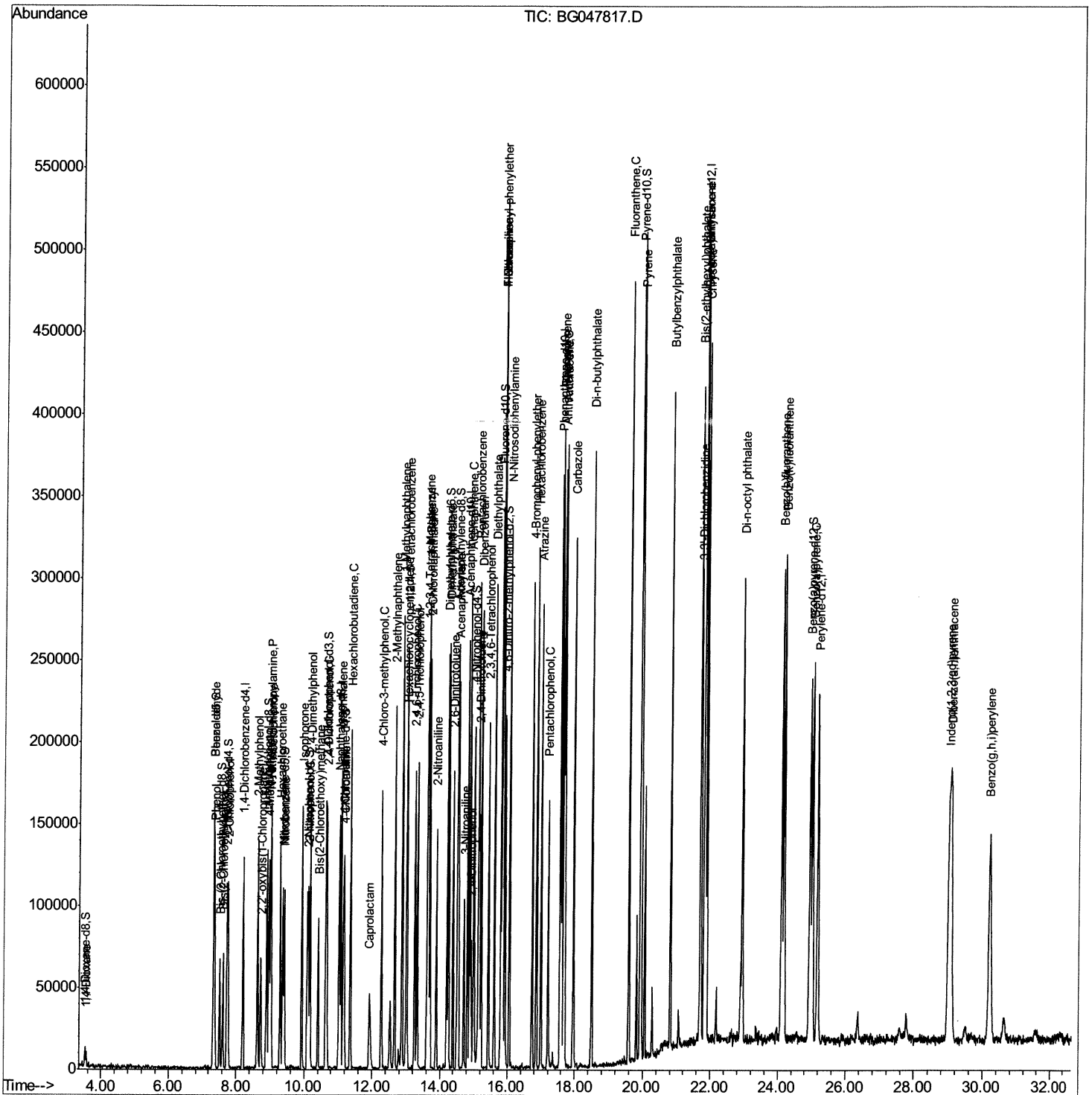
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Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\  
Data File : BG047817.D  
Acq On    : 24 Dec 2020    3:21  
Operator  : CG/JU  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 21    Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02005

Manual Integrations

mohammad
12/24/2020 10:44:33 AM

Quant Time: Dec 24 04:03:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

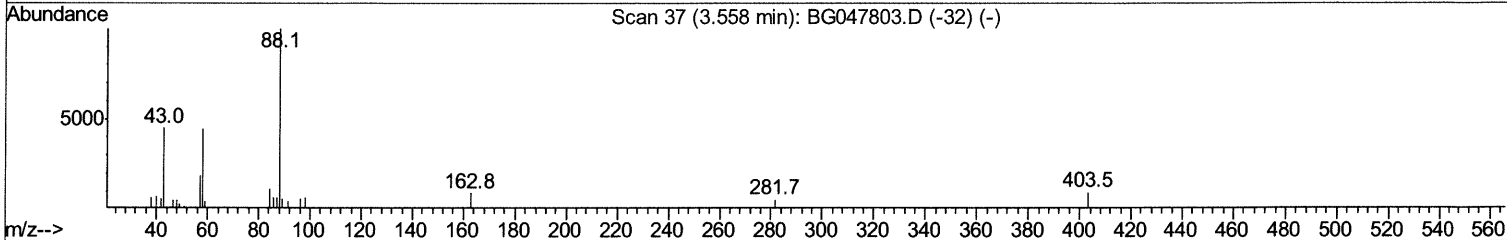
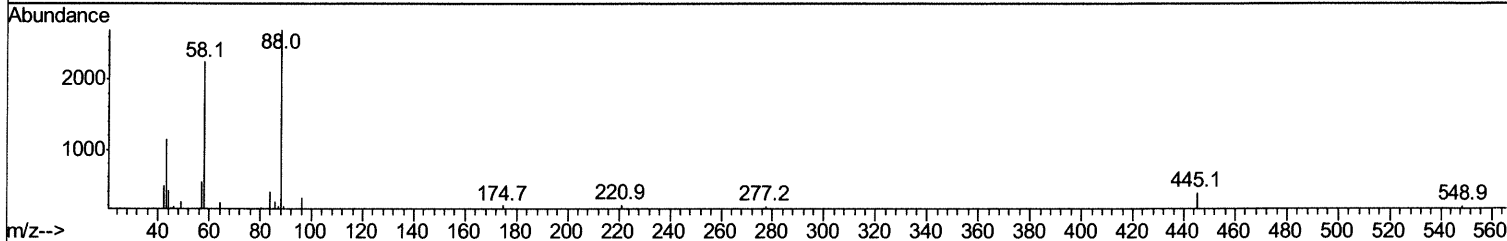
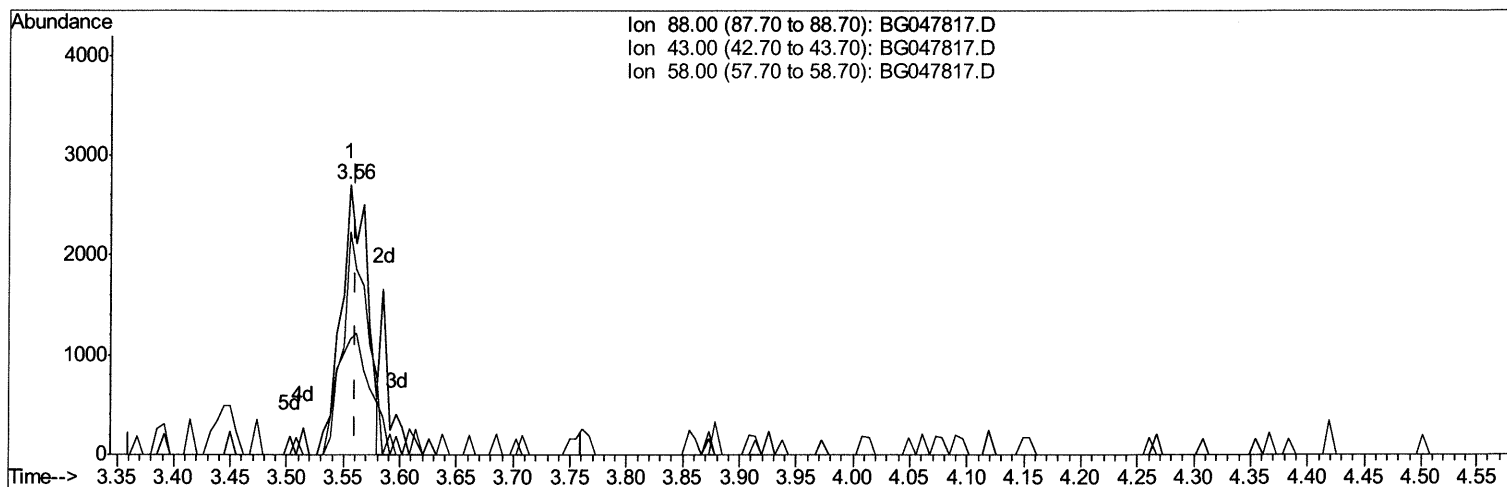
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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Manual Integrations
APPROVED

mohammad
 12/24/2020 10:44:33 AM

Quant Time: Dec 24 03:56:41 2020
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TIC: BG047817.D

(2) 1,4-Dioxane

3.556min (-0.005) 6.89ng/uL

response 4450

Ion	Exp%	Act%
88.00	100	100
43.00	38.50	42.83
58.00	50.50	82.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

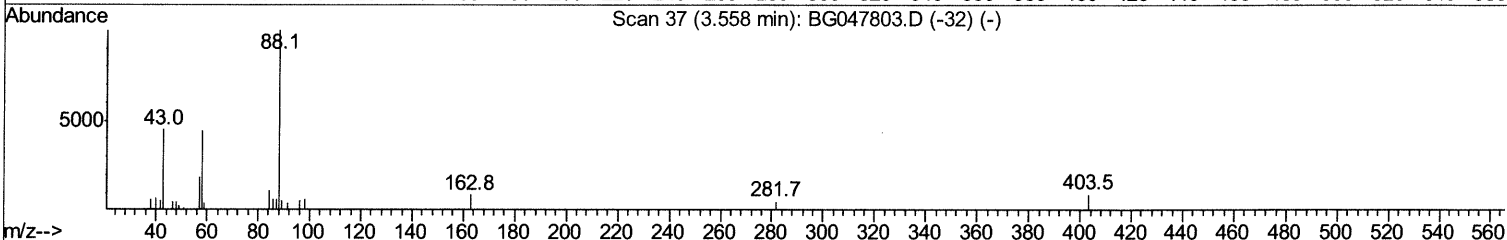
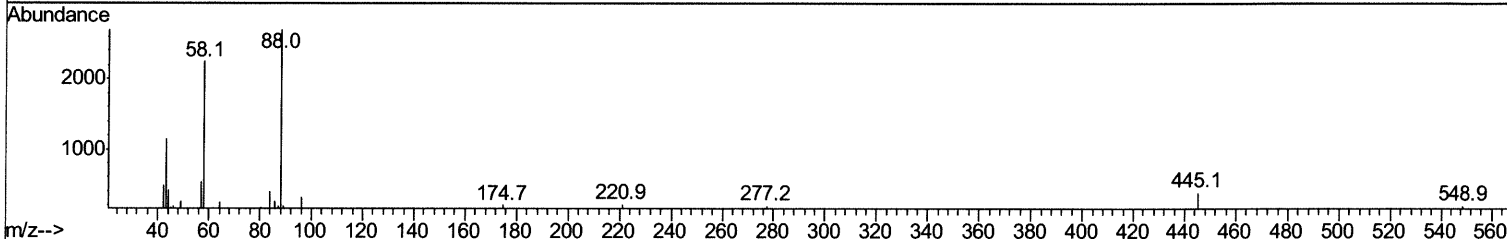
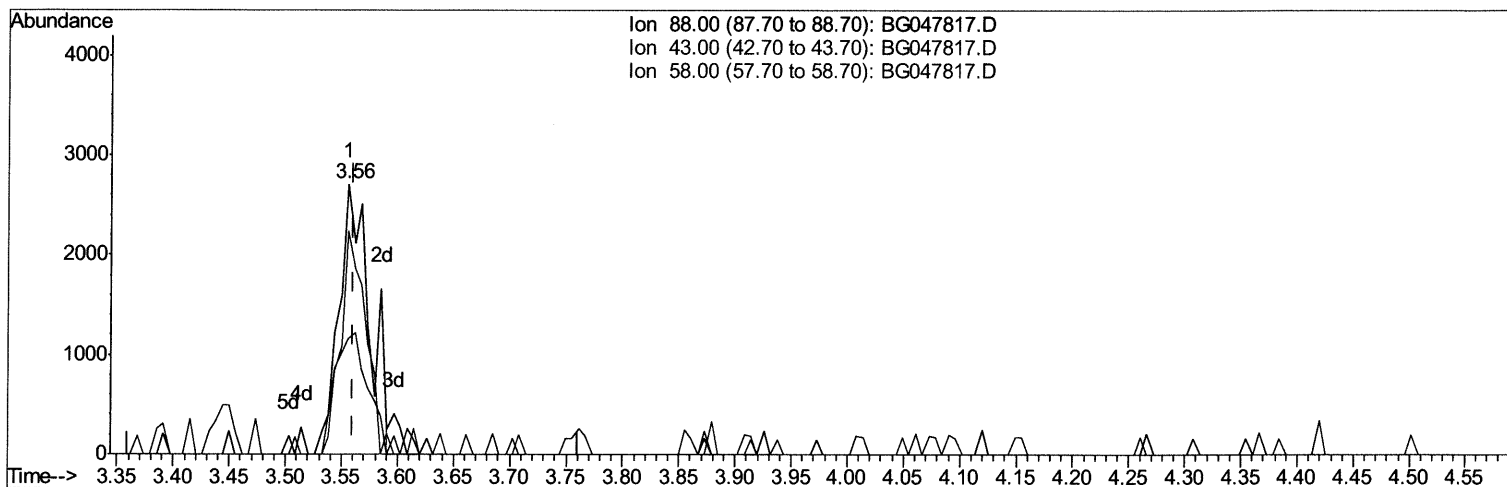
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Manual Integrations
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TIC: BG047817.D

(2) 1,4-Dioxane

3.556min (-0.005) 7.93ng/uL m 12/24/20 JU

response 5122

Ion	Exp%	Act%
88.00	100	100
43.00	38.50	42.83
58.00	50.50	82.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

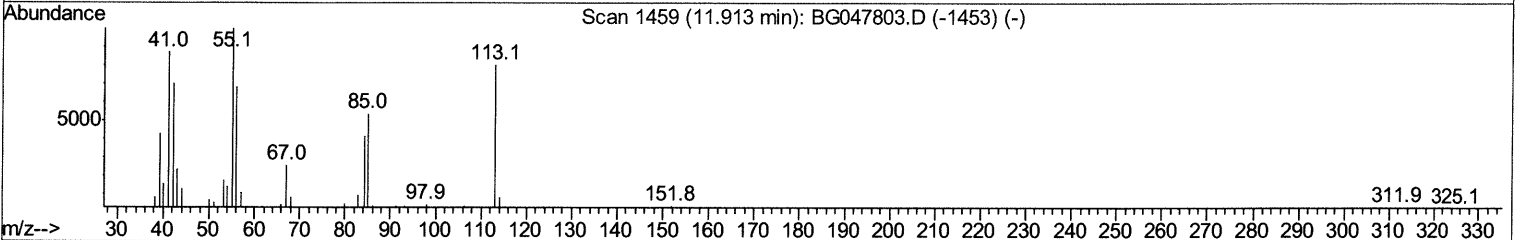
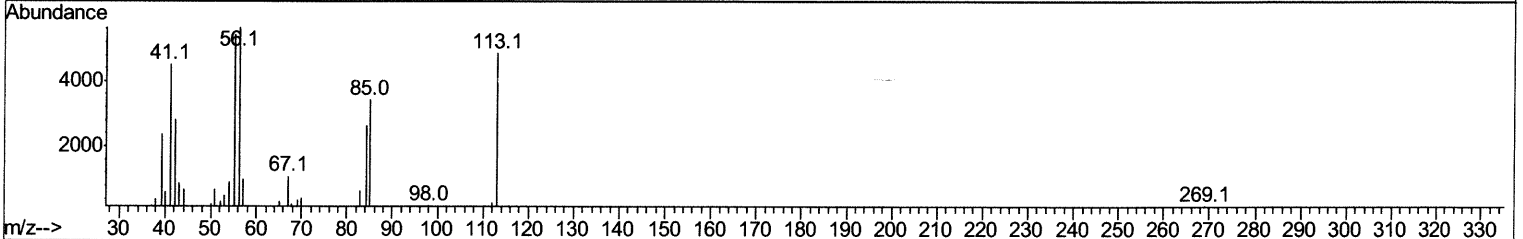
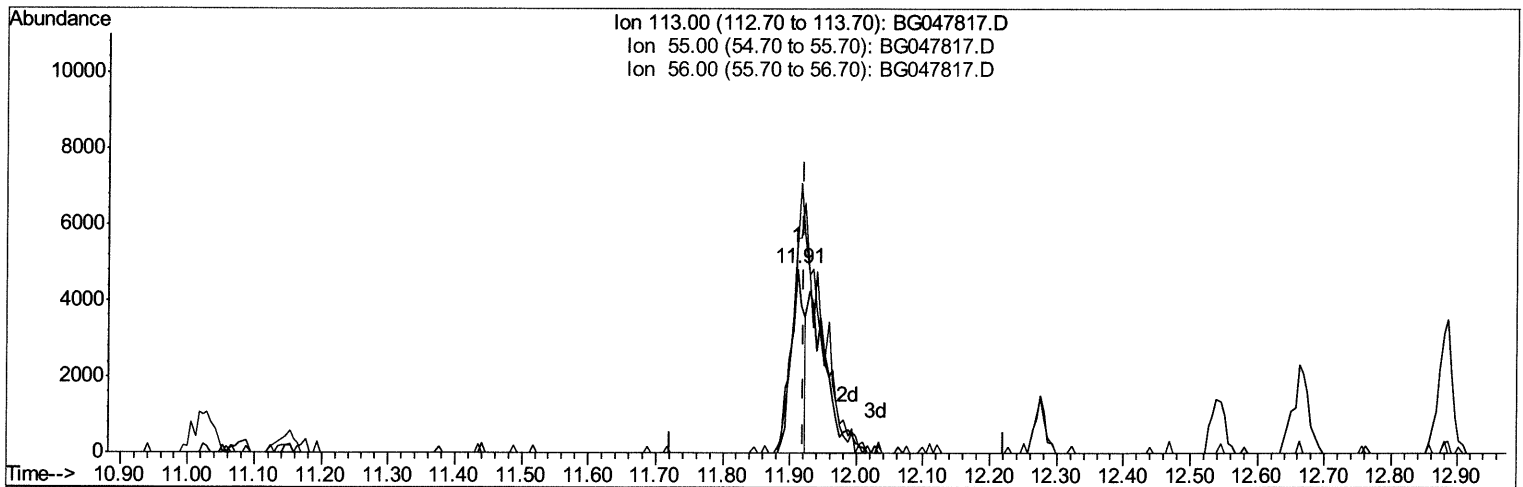
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TIC: BG047817.D

(32) Caprolactam

11.910min (-0.011) 8.92ng/ul

response 6643

Ion	Exp%	Act%
113.00	100	100
55.00	112.30	112.33
56.00	119.00	116.65
0.00	0.00	0.00

Quantitation Report (Qedit)

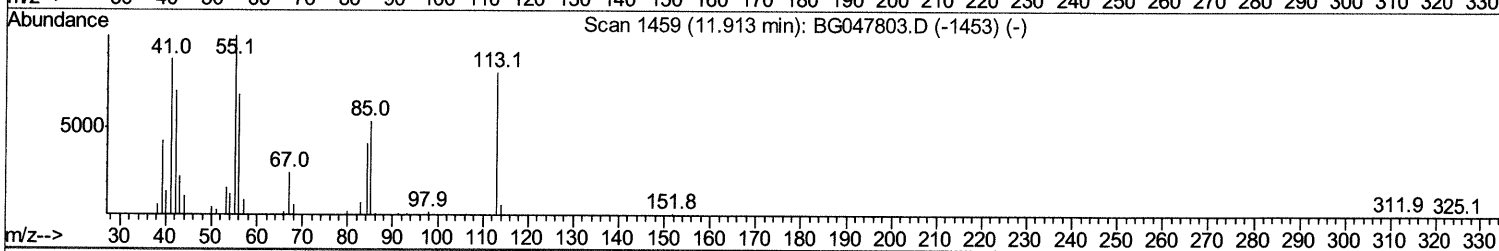
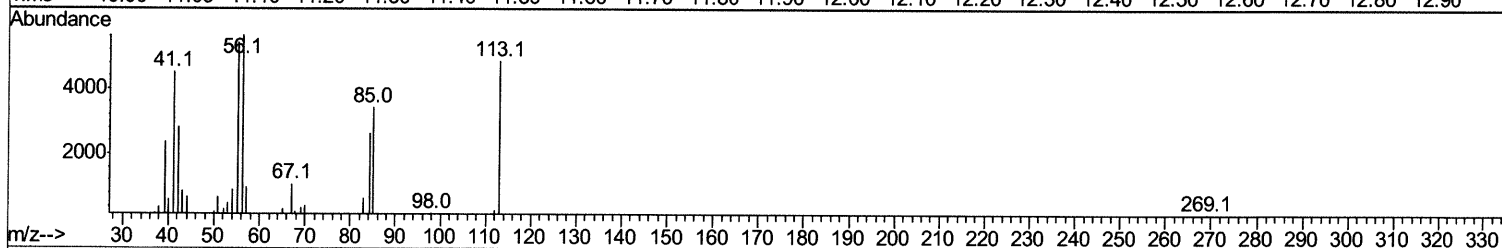
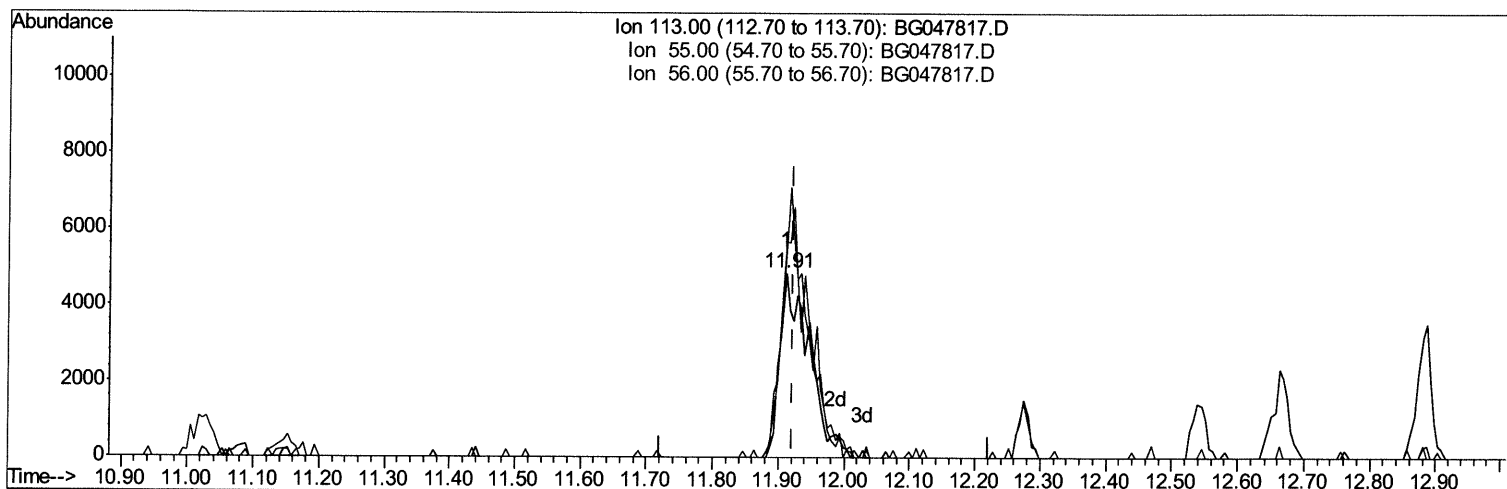
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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TIC: BG047817.D

(32) Caprolactam

11.910min (-0.011) 20.18ng/ul m 12/24/20 Jy

response 15039

Ion	Exp%	Act%
113.00	100	100
55.00	112.30	112.33
56.00	119.00	116.65
0.00	0.00	0.00

Quantitation Report (Qedit)

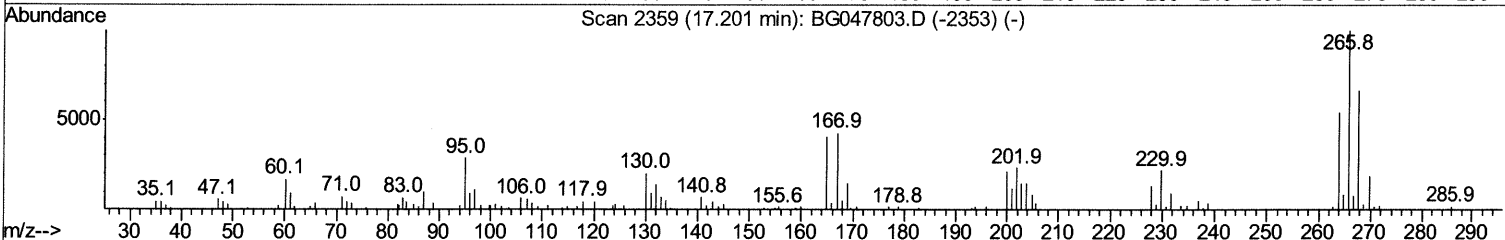
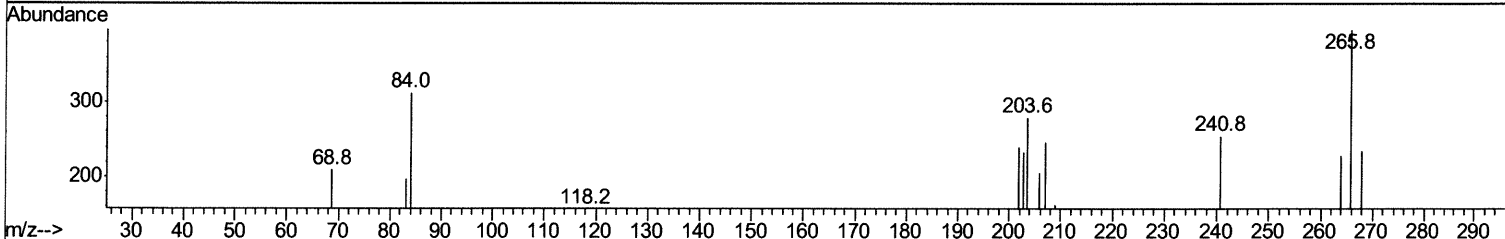
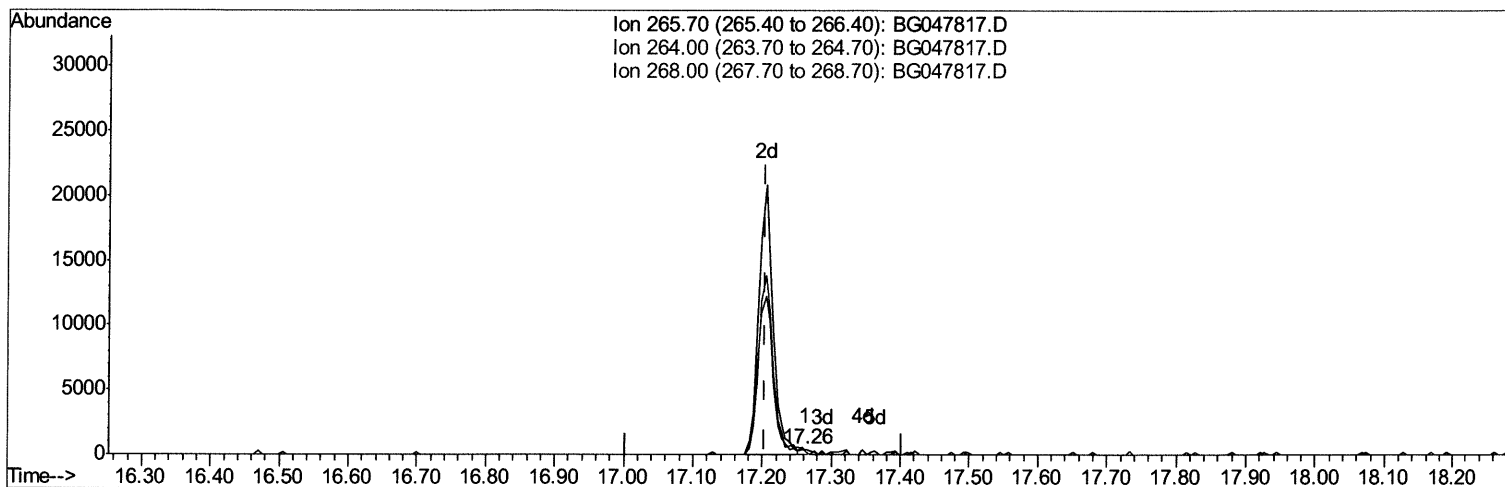
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TIC: BG047817.D

(69) Pentachlorophenol (C)

17.263min (+0.060) 0.32ng/ul

response 445

Ion	Exp%	Act%
265.70	100	100
264.00	59.70	57.43
268.00	53.90	59.19
0.00	0.00	0.00

Quantitation Report (Qedit)

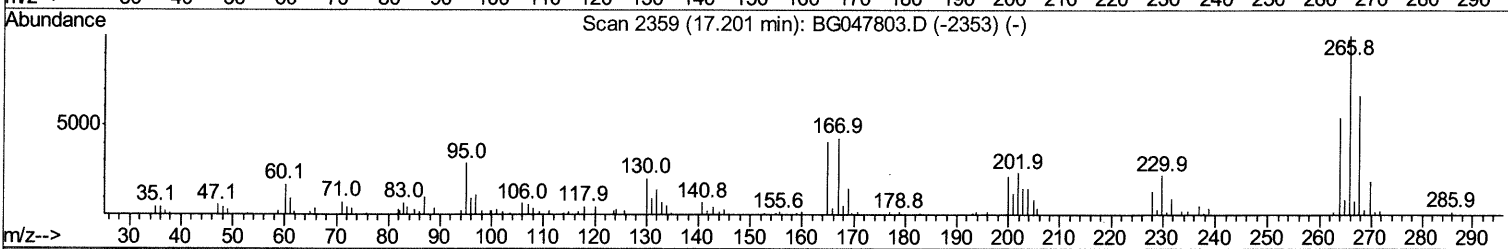
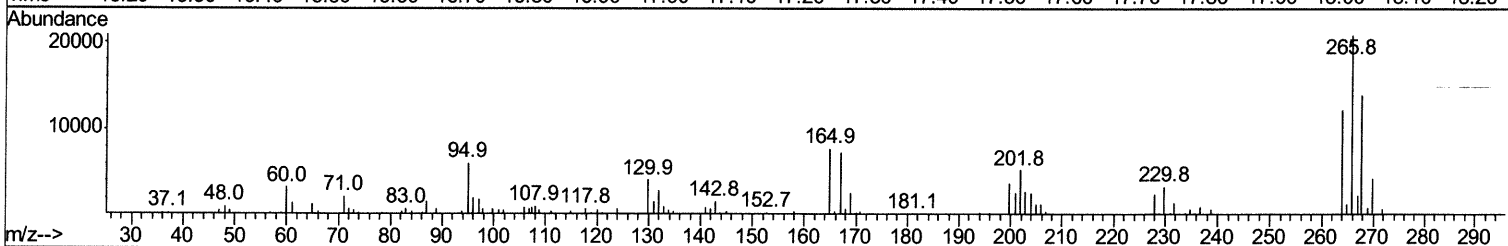
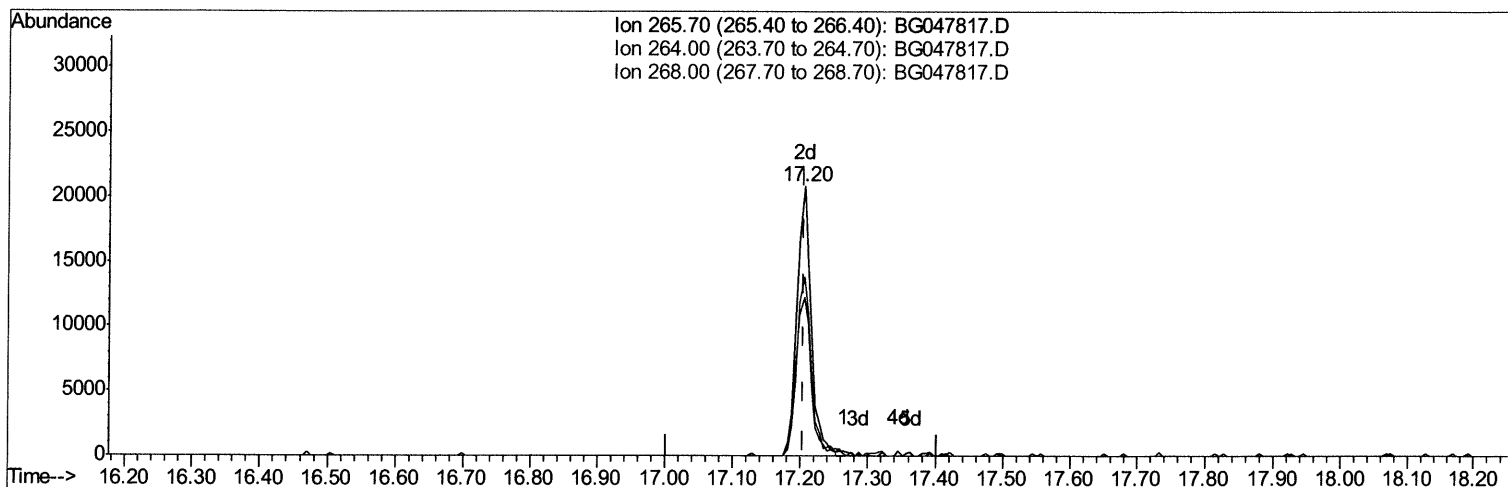
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
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Instrument :
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Manual Integrations
APPROVED

mohammad
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TIC: BG047817.D

(69) Pentachlorophenol (C)

17.204min (+0.001) 21.48ng/ul m 12/24/2020

response 30052

Ion	Exp%	Act%
265.70	100	100
264.00	59.70	58.78
268.00	53.90	66.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

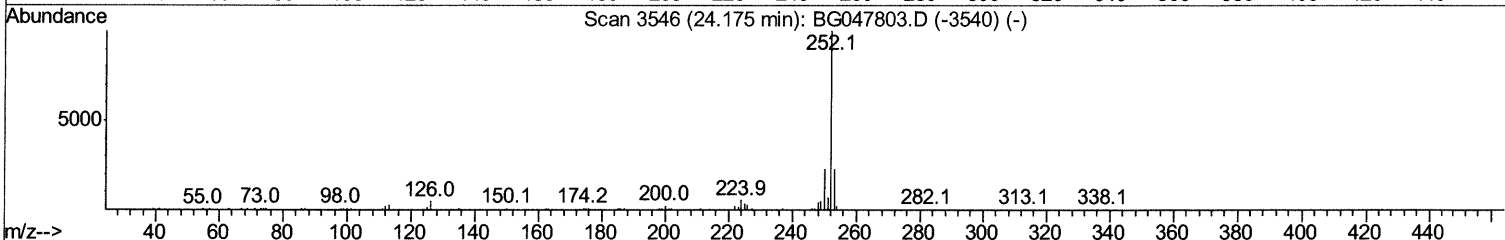
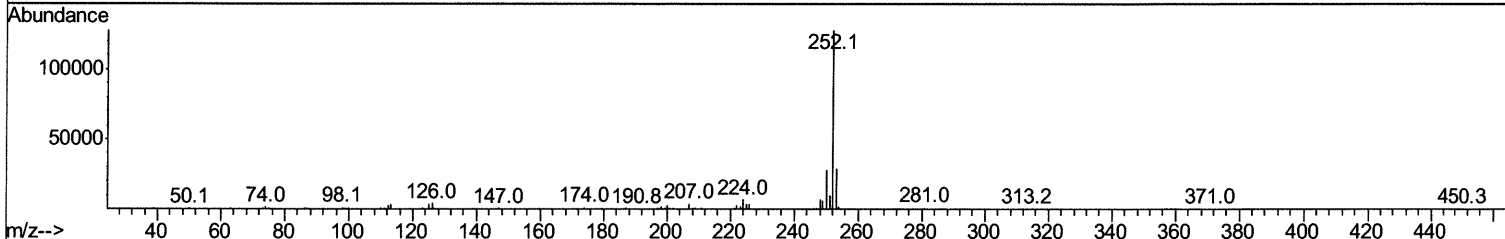
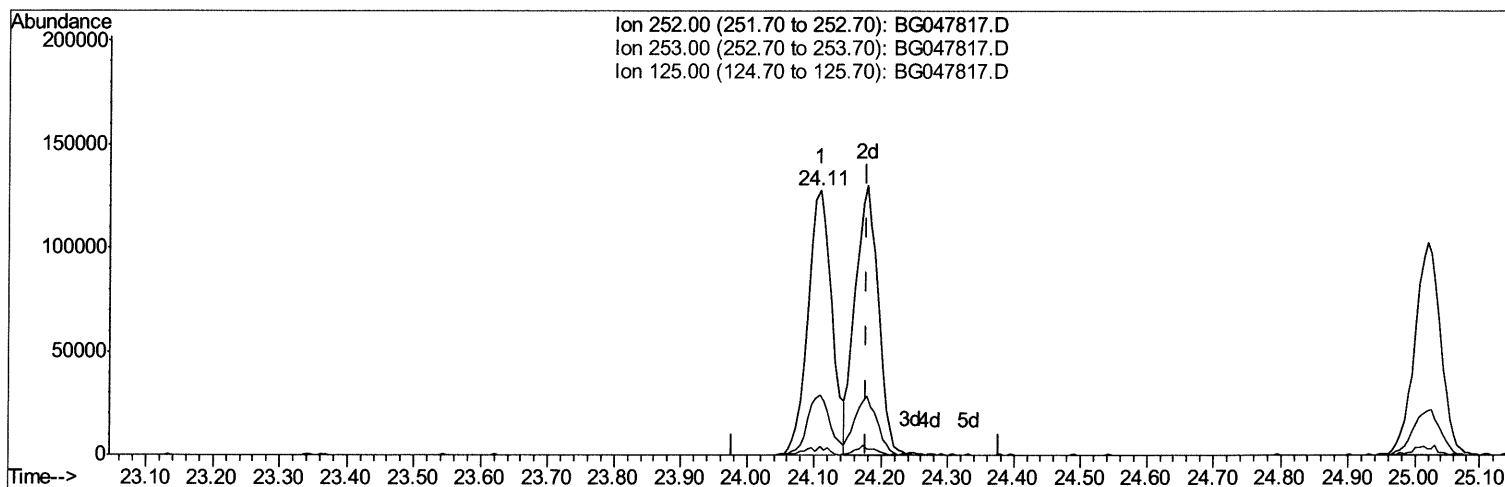
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Manual Integrations
 APPROVED

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TIC: BG047817.D

(89) Benzo(k)fluoranthene

24.108min (-0.070) 20.49ng/ul

response 317321

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.80
125.00	3.90	3.16
0.00	0.00	0.00

Quantitation Report (Qedit)

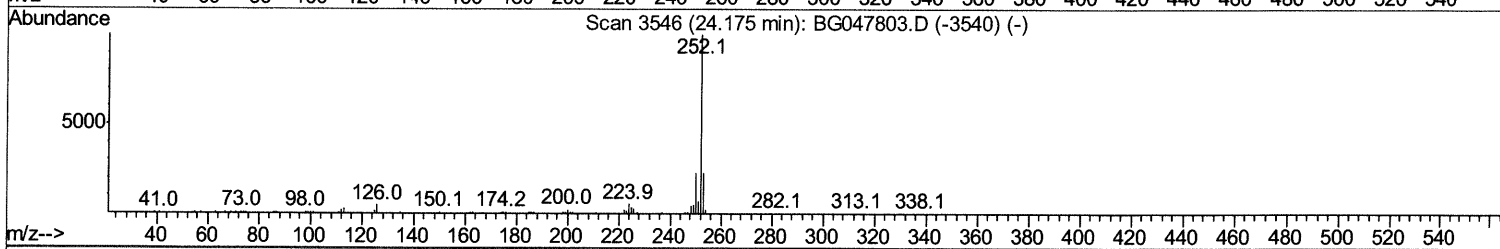
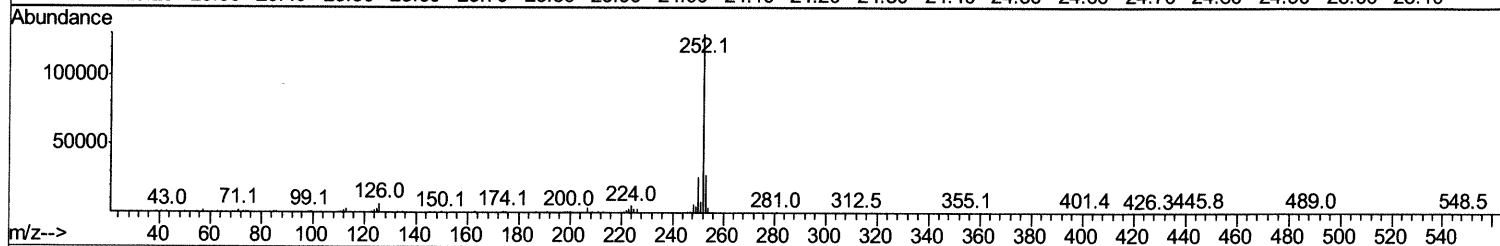
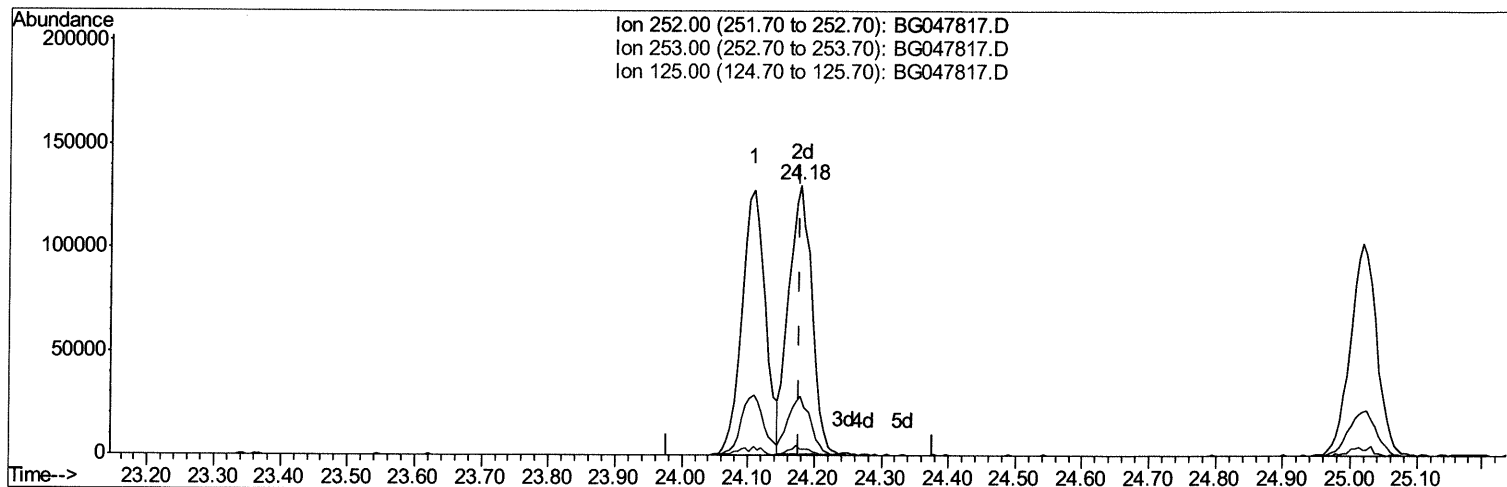
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 ALS Vial : 21 Sample Multiplier: 1

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 BNA_G
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Manual Integrations
 APPROVED

mohammad
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TIC: BG047817.D

(89) Benzo(k)fluoranthene

24.178min (+0.001) 19.90ng/ul m 12/24/20 34

response 308037

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	21.61
125.00	3.90	2.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

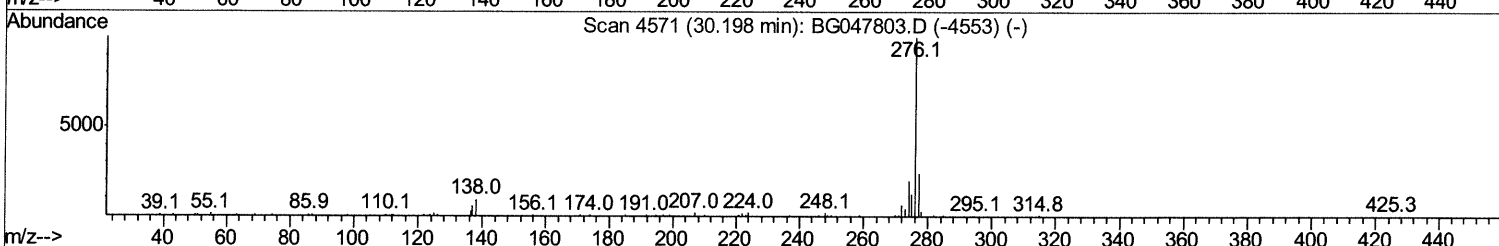
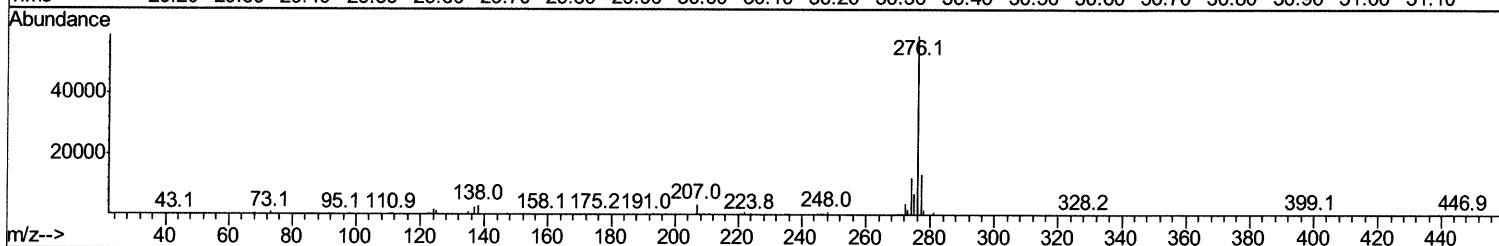
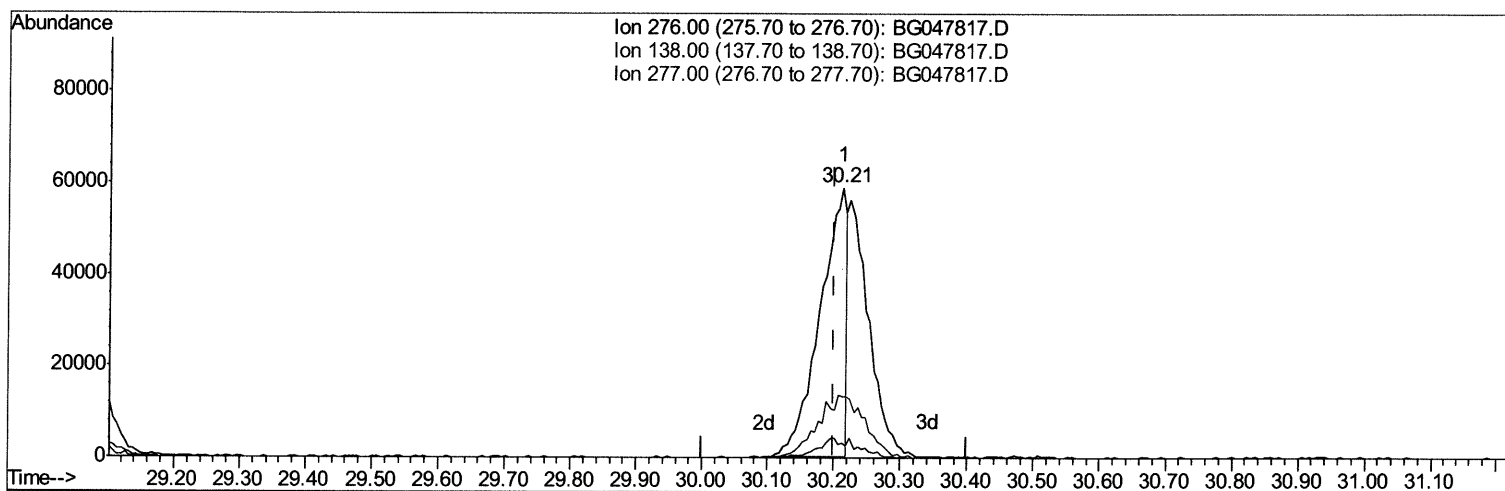
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TIC: BG047817.D

(94) Benzo(g,h,i)perylene

30.213min (+0.013) 11.69ng/ul

response 164869

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	5.34#
277.00	22.30	22.82
0.00	0.00	0.00

Quantitation Report (Qedit)

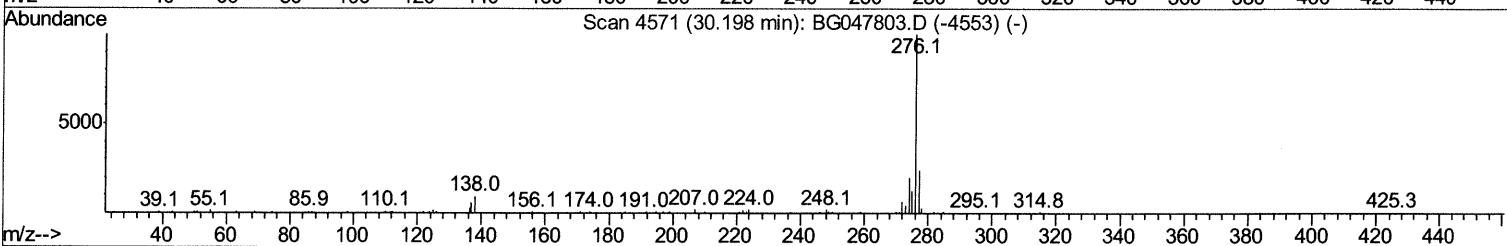
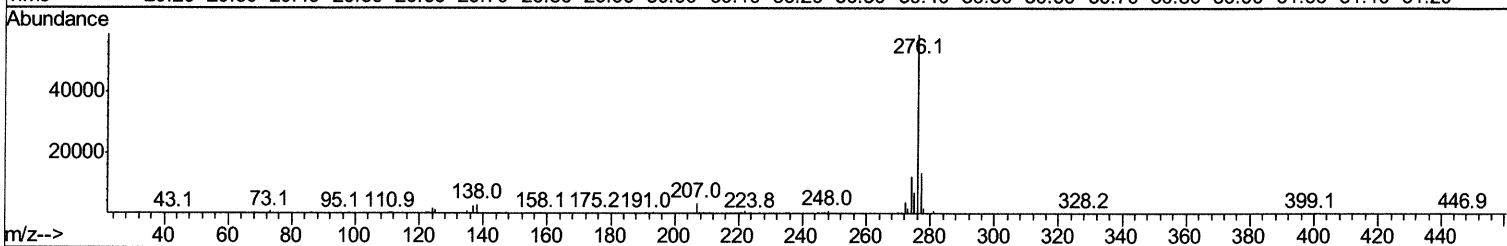
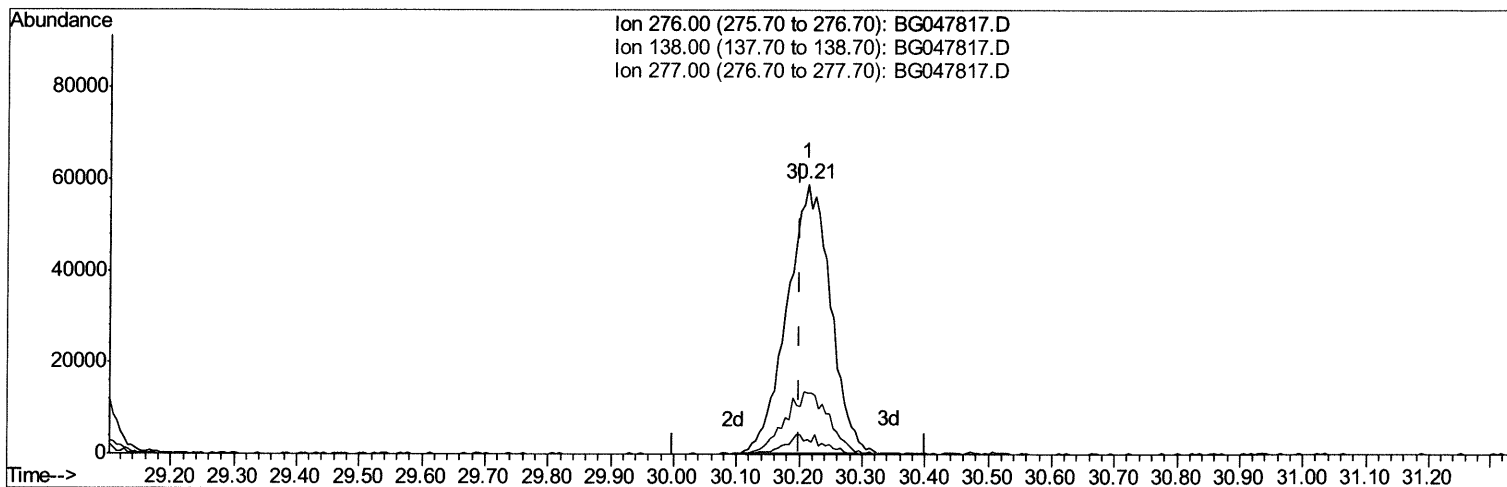
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TIC: BG047817.D

(94) Benzo(g,h,i)perylene

30.213min (+0.013) 19.96ng/ul m 12/24/20 JU

response 281552

Ion	Exp%	Act%
276.00	100	100
138.00	6.70	5.34#
277.00	22.30	22.82
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	8.20	152	33331	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	122547	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	92790	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	230031	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	220698	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	223806	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	5192	8.30	ng/uL	0.00
5) Phenol-d5	7.33	99	54290	19.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	29091	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	41561	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	41102	18.15	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	18880	18.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	24168	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	50830	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	48308	20.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	151889	18.85	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	176358	19.16	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	22681	18.97	ng/ul	0.00
58) Fluorene-d10	15.81	176	141825	19.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	28473	18.29	ng/ul	0.00
71) Anthracene-d10	17.66	188	222270	19.37	ng/ul	0.00
79) Pyrene-d10	19.92	212	254132	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	262550	20.08	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.56	88	5122m>	7.935 ng/uL>	12/24/2020
4) Benzaldehyde	7.33	77	21121	13.953 ng/ul	92
6) Phenol	7.36	94	50713	18.817 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.60	93	37800	20.158 ng/ul#	85
10) 2-Chlorophenol	7.76	128	39459	18.526 ng/ul#	89
11) 2-Methylphenol	8.63	108	42247	19.721 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.72	45	35561	20.248 ng/ul	96
14) Acetophenone	9.02	105	65414	18.313 ng/ul	93
15) N-Nitroso-di-n-propylamine	9.00	70	35117	17.789 ng/ul#	87
16) 4-Methylphenol	8.96	108	42774	18.692 ng/ul	94
17) Hexachloroethane	9.30	117	19190	18.429 ng/ul#	55
20) Nitrobenzene	9.41	77	59814	18.917 ng/ul	93
21) Isophorone	9.93	82	106398	19.583 ng/ul#	93
23) 2-Nitrophenol	10.12	139	25133	20.406 ng/ul	92
24) 2,4-Dimethylphenol	10.18	107	55623	18.856 ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.41	93	48109	19.331 ng/ul	93
27) 2,4-Dichlorophenol	10.66	162	45408	20.531 ng/ul	95
28) Naphthalene	11.08	128	132712	19.420 ng/ul#	94
30) 4-Chloroaniline	11.18	127	46220	20.827 ng/ul	100
31) Hexachlorobutadiene	11.36	225	45681	18.914 ng/ul	97
32) Caprolactam	11.91	113	15039m>	20.185 ng/ul>	12/24/2020
33) 4-Chloro-3-methylphenol	12.27	107	50089	18.602 ng/ul	97
34) 2-Methylnaphthalene	12.67	142	98578	18.724 ng/ul	99

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 23 13:42:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	116114	19.023	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	72653	19.702	ng/uL	94
38) Hexachlorocyclopentadiene	13.00	237	43131	16.751	ng/uL#	94
39) 2,4,6-Trichlorophenol	13.26	196	44124	18.325	ng/uL#	88
40) 2,4,5-Trichlorophenol	13.33	196	49362	19.820	ng/uL	92
41) 1,1'-Biphenyl	13.66	154	135838	19.447	ng/uL	97
42) 2-Chloronaphthalene	13.70	162	111824	19.773	ng/uL	97
43) 2-Nitroaniline	13.90	65	39026	19.311	ng/uL	100
45) Dimethylphthalate	14.26	163	151281	18.529	ng/uL	99
46) 2,6-Dinitrotoluene	14.38	165	31785	18.198	ng/uL	98
48) Acenaphthylene	14.54	152	161303	18.890	ng/uL#	92
49) 3-Nitroaniline	14.71	138	21932	18.404	ng/uL#	82
50) Acenaphthene	14.88	153	116815	19.354	ng/uL	96
51) 2,4-Dinitrophenol	14.92	184	15788	15.657	ng/uL	98
53) 4-Nitrophenol	15.01	109	37581	19.102	ng/uL	96
54) Dibenzofuran	15.21	168	162025	18.399	ng/uL	92
55) 2,4-Dinitrotoluene	15.17	165	42312	17.169	ng/uL#	89
56) 2,3,4,6-Tetrachlorophenol	15.44	232	44262	18.998	ng/uL#	94
57) Diethylphthalate	15.61	149	143798	18.045	ng/uL	98
59) Fluorene	15.86	166	141264	18.761	ng/uL	91
60) 4-Chlorophenyl-phenylether	15.85	204	86097	18.296	ng/uL	95
61) 4-Nitroaniline	15.86	138	22535	16.950	ng/uL	83
64) 4,6-Dinitro-2-methylphenol	15.93	198	28863	18.384	ng/uL#	98
65) N-Nitrosodiphenylamine	16.06	169	126777	19.994	ng/uL	95
66) 4-Bromophenyl-phenylether	16.74	248	58019	19.558	ng/uL	94
67) Hexachlorobenzene	16.86	284	62869	19.433	ng/uL	96
68) Atrazine	16.99	200	58997	20.083	ng/uL	91
69) Pentachlorophenol	17.20	266	30052m>	21.484	ng/uL>	12/24/2020
70) Phenanthrene	17.60	178	246186	19.746	ng/uL	99
72) Anthracene	17.69	178	244431	19.668	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.63	216	73851	20.489	ng/uL	98
74) Pentachlorobenzene	15.14	250	72068	20.057	ng/uL	90
75) Carbazole	17.95	167	196299	19.807	ng/uL	97
76) Di-n-butylphthalate	18.49	149	240393	18.988	ng/uL	99
77) Fluoranthene	19.60	202	320575	20.208	ng/uL	99
80) Pvrene	19.95	202	322732	20.106	ng/uL	100
81) Butylbenzylphthalate	20.82	149	106382	19.919	ng/uL	97
82) 3,3'-Dichlorobenzidine	21.72	252	92324	18.305	ng/uL	92
83) Benzo(a)anthracene	21.81	228	308470	19.564	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	21.69	149	147890	19.731	ng/uL	99
85) Chrysene	21.88	228	294439	19.786	ng/uL	97
87) Di-n-octyl phthalate	22.94	149	242158	20.531	ng/uL	100
88) Benzo(b)fluoranthene	24.11	252	317321	20.311	ng/uL	100
89) Benzo(k)fluoranthene	24.18	252	308037m>	19.895	ng/uL>	12/24/2020
91) Benzo(a)pyrene	25.02	252	280417	19.904	ng/uL	99
92) Indeno(1,2,3-cd)pyrene	29.01	276	338999	19.731	ng/uL	96
93) Dibenzo(a,h)anthracene	29.07	278	282766	19.635	ng/uL	93
94) Benzo(a,h,i)perylene	30.21	276	281552m>	19.960	ng/uL>	12/24/2020

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG122320\
Data File : BG047817.D
Acq On : 24 Dec 2020 3:21
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 24 04:03:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 23 13:42:29 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02005

Manual Integrations
APPROVED

mohammad
12/24/2020 10:44:33 AM

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