

Quantitation Report (QT Reviewed)

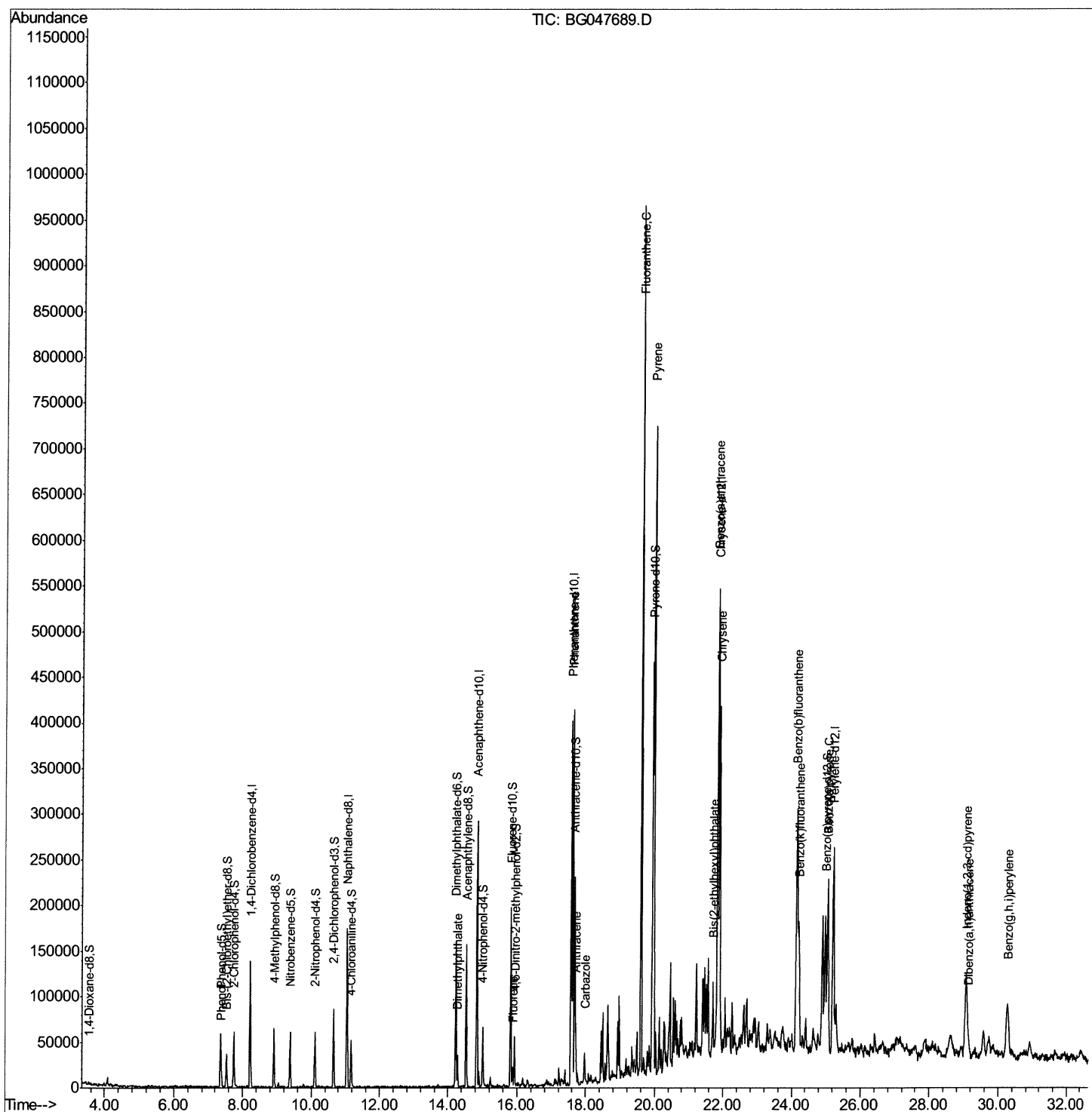
```
Data Path   : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\  
Data File   : BG047689.D  
Acq On      : 10 Dec 2020    2:04  
Operator    : CG/JU  
Sample      : L4941-02  
Misc        :  
ALS Vial    : 42    Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C0AX3

Manual Integrations APPROVED

mohammad
12/10/2020 8:38:24 AM

Quant Time: Dec 10 04:06:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

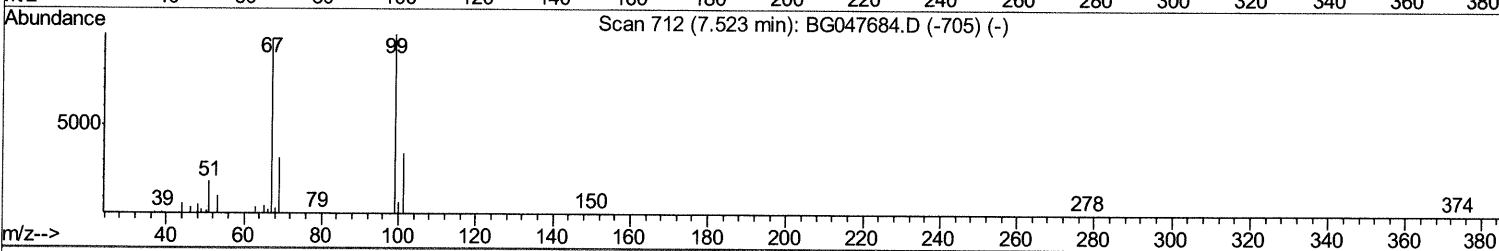
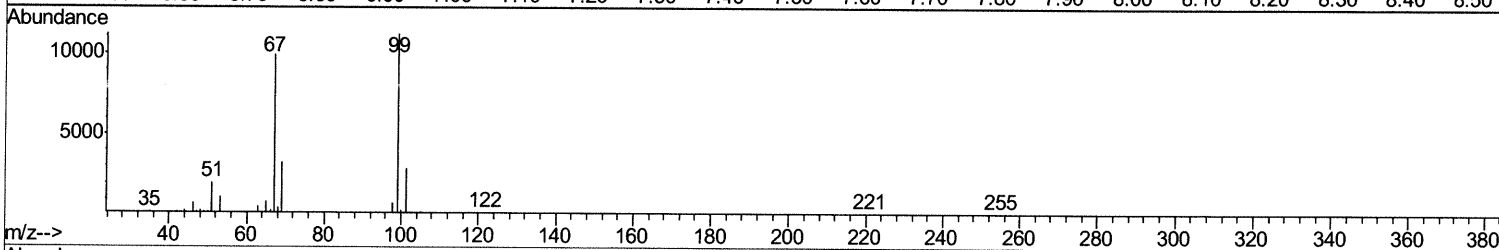
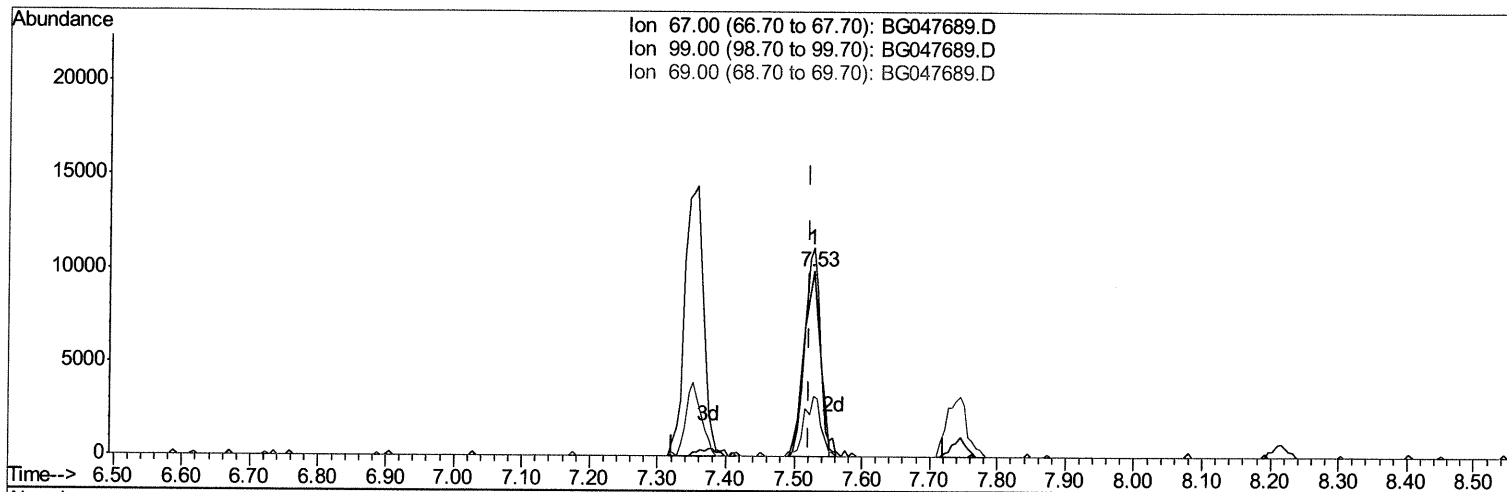
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047689.D
 Acq On : 10 Dec 2020 2:04
 Operator : CG/JU
 Sample : L4941-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
ClientSampleId :
 C0AX3

Manual Integrations
APPROVED

mohammad
 12/10/2020 8:38:24 AM

Quant Time: Dec 10 03:57:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 03:40:15 2020
 Response via : Initial Calibration



TIC: BG047689.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.527min (+0.006) 10.66ng/ul

response 15989

Ion	Exp%	Act%
67.00	100	100
99.00	102.00	113.16
69.00	31.40	32.63
0.00	0.00	0.00

Quantitation Report (Qedit)

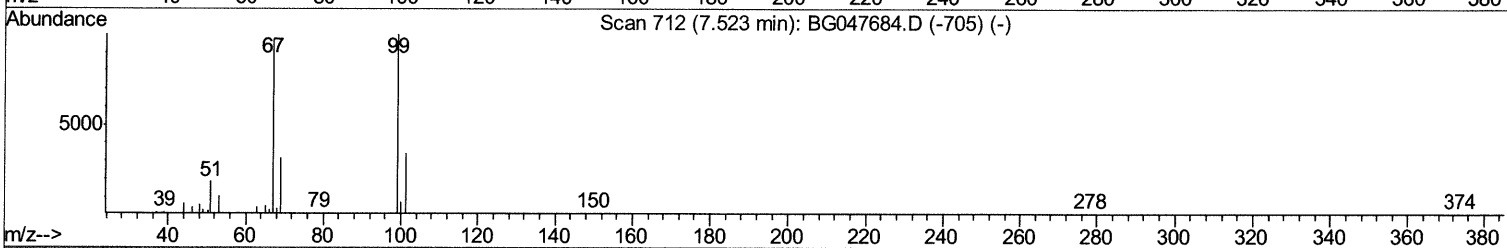
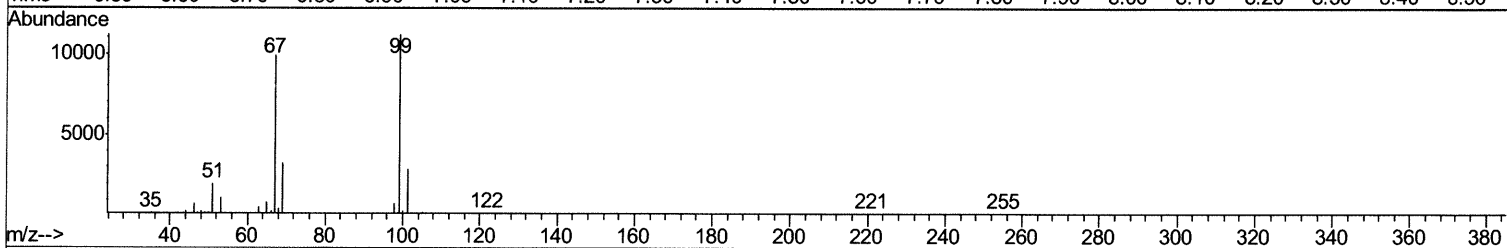
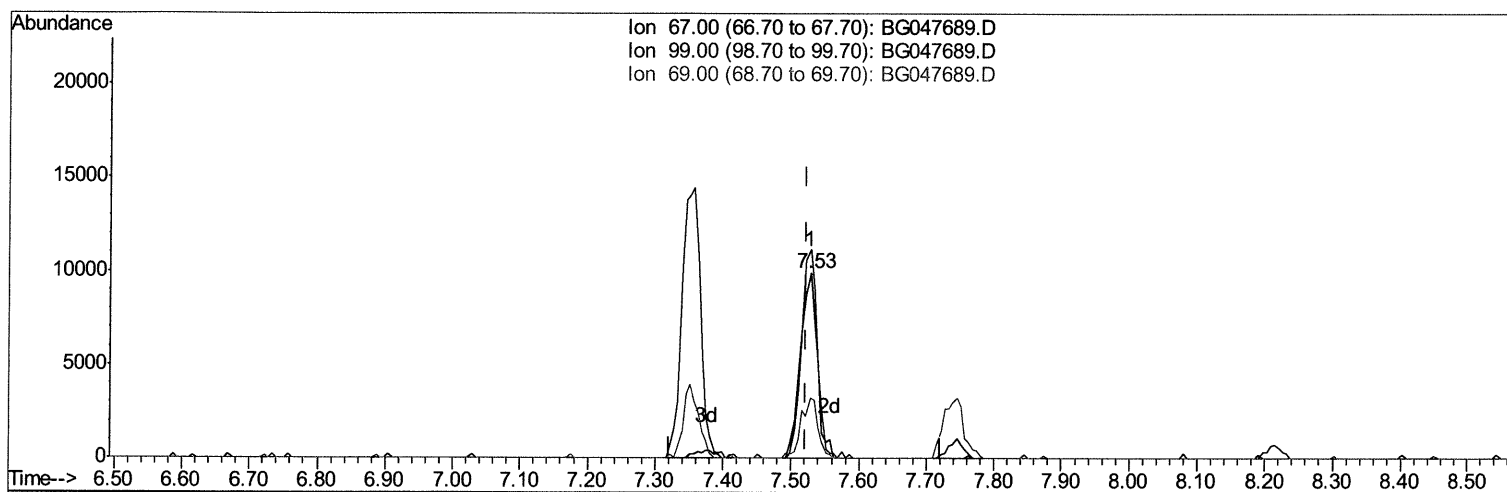
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TIC: BG047689.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.527min (+0.006) 10.89ng/ul m 12/11/2020

response 16344

Ion	Exp%	Act%
67.00	100	100
99.00	102.00	113.16
69.00	31.40	32.63
0.00	0.00	0.00

Quantitation Report (Qedit)

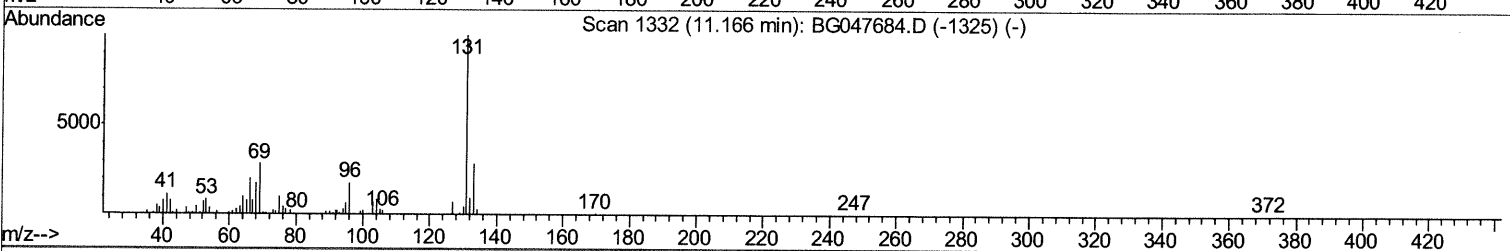
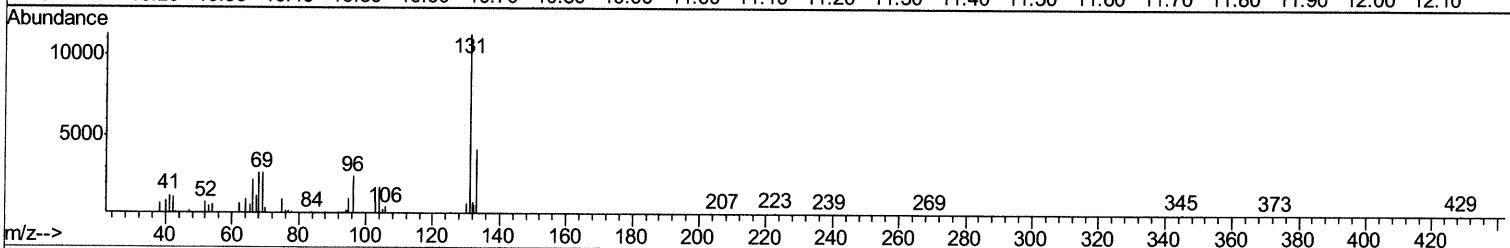
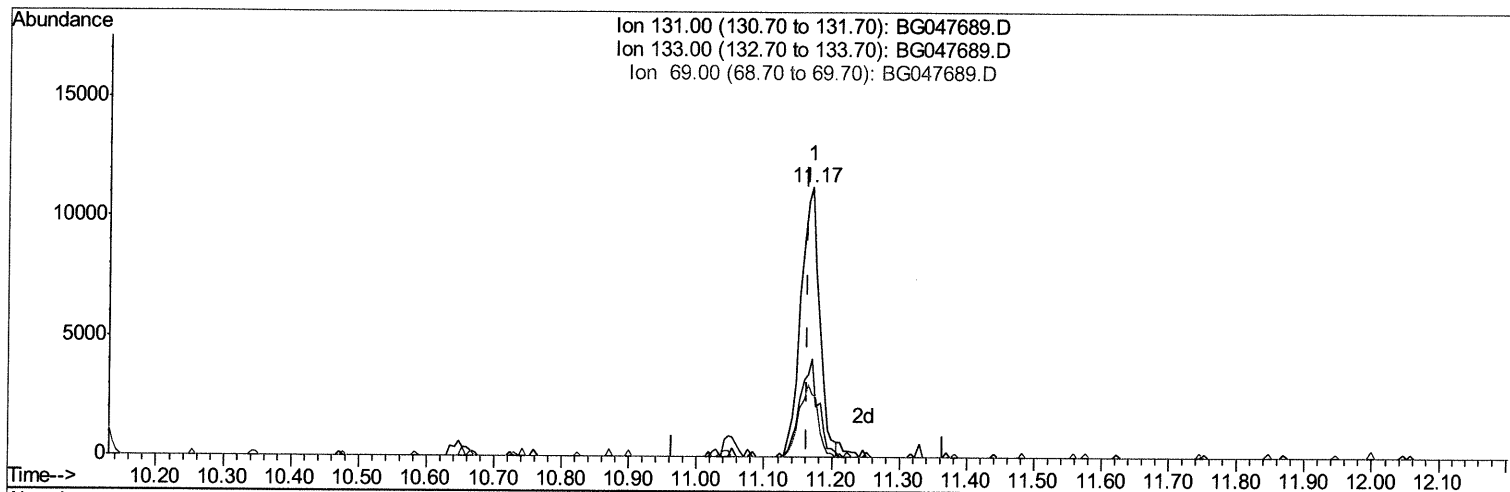
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Quant Time: Dec 10 04:00:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
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TIC: BG047689.D

(29) 4-Chloroaniline-d4 (S)
 11.170min (+0.006) 8.46ng/ul
 response 21777

Ion	Exp%	Act%
131.00	100	100
133.00	31.00	36.54
69.00	28.20	23.41
0.00	0.00	0.00

Quantitation Report (Qedit)

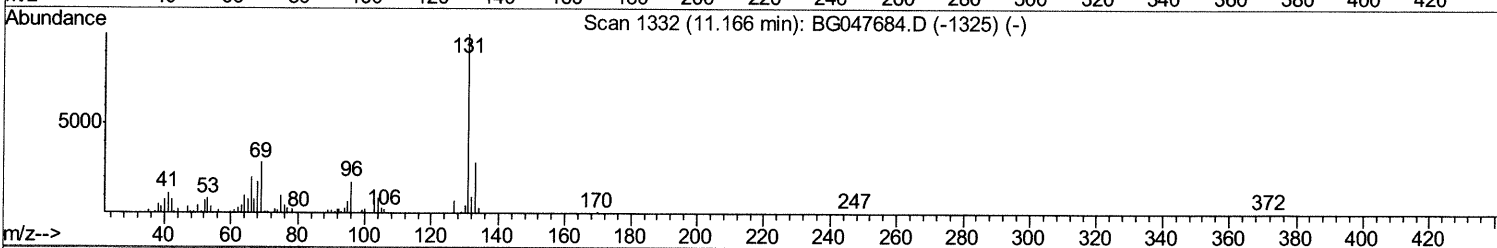
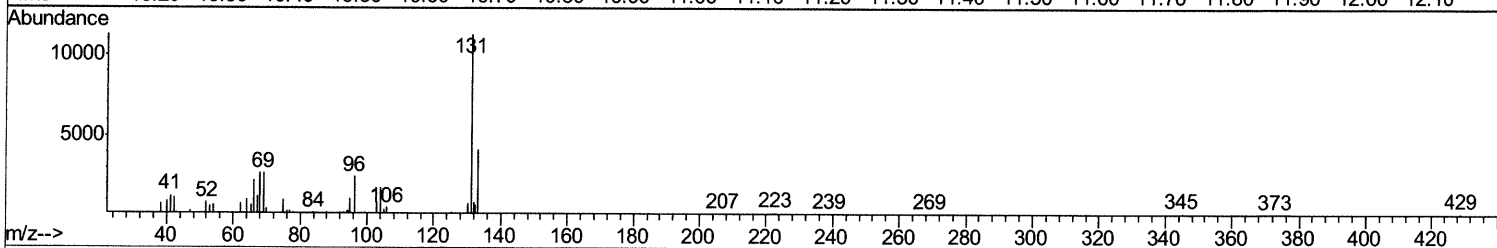
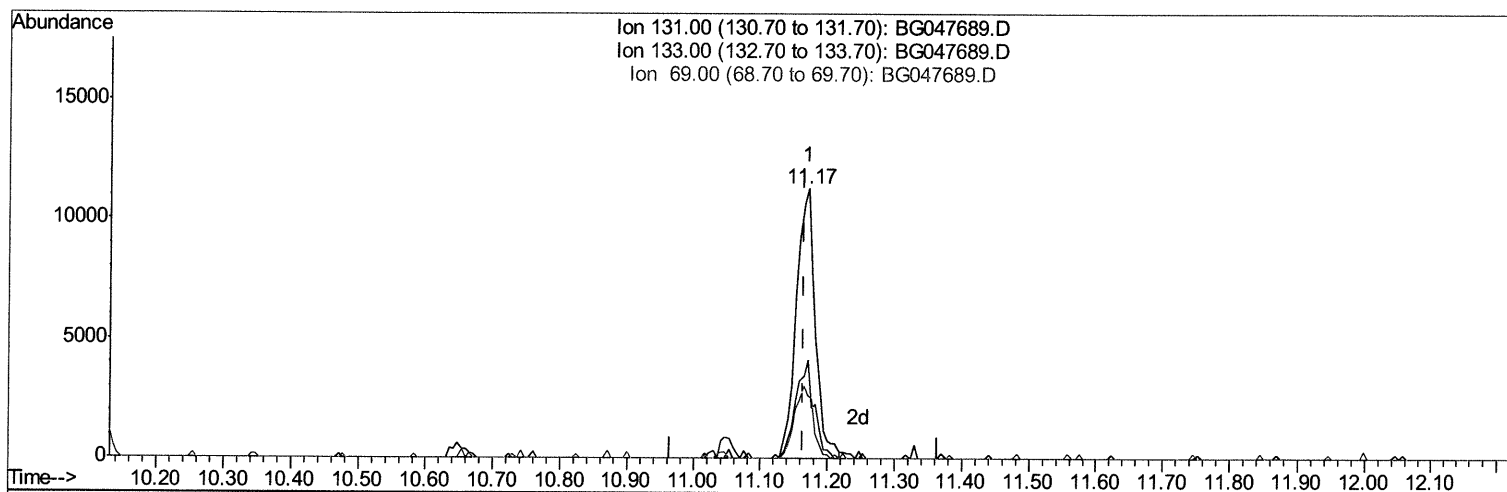
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047689.D
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 Operator : CG/JU
 Sample : L4941-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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TIC: BG047689.D

(29) 4-Chloroaniline-d4 (S)

11.170min (+0.006) 8.58ng/ul m 12/11/2024

response 22077

Ion	Exp%	Act%
131.00	100	100
133.00	31.00	36.54
69.00	28.20	23.41
0.00	0.00	0.00

Quantitation Report (Qedit)

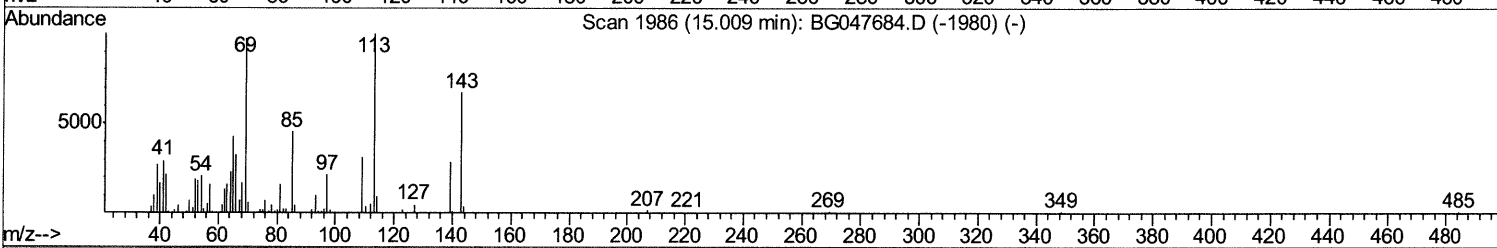
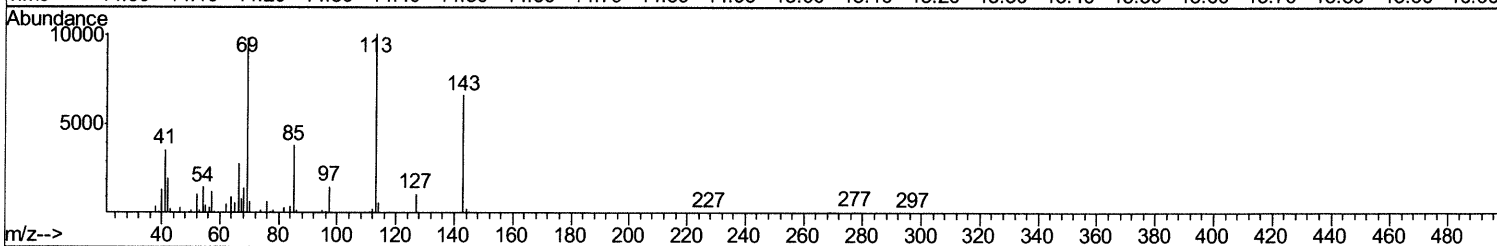
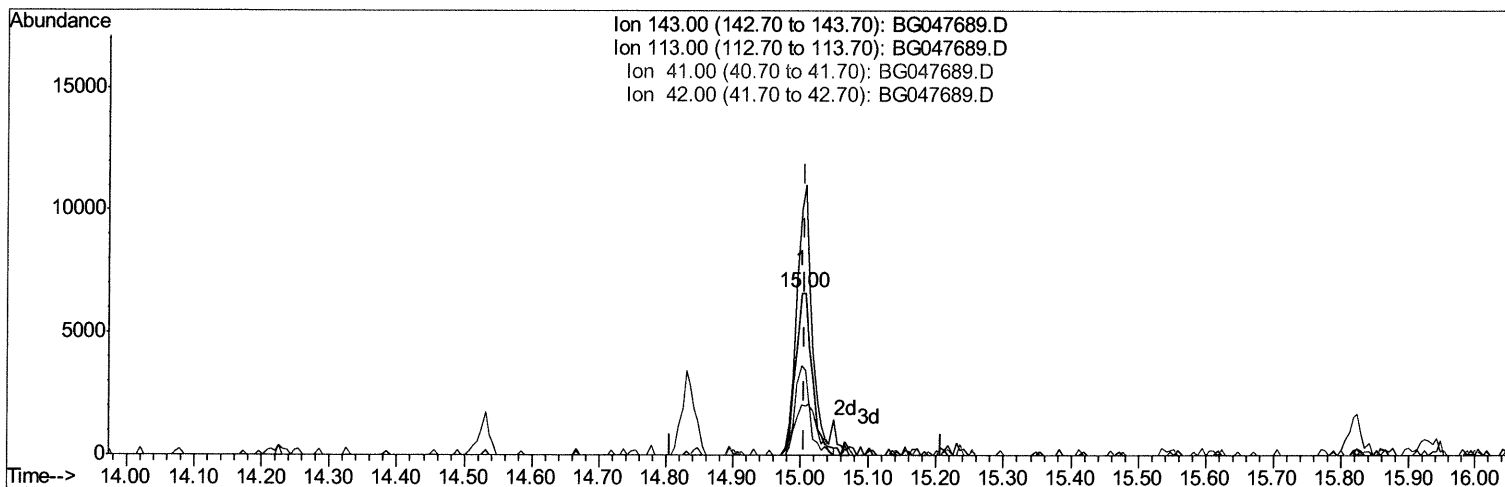
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TIC: BG047689.D

(52) 4-Nitrophenol-d4 (S)

15.001min (-0.006) 8.51ng/ul

response 11177

Ion	Exp%	Act%
143.00	100	100
113.00	164.40	151.32
41.00	54.90	54.83
42.00	38.20	30.72

Quantitation Report (Qedit)

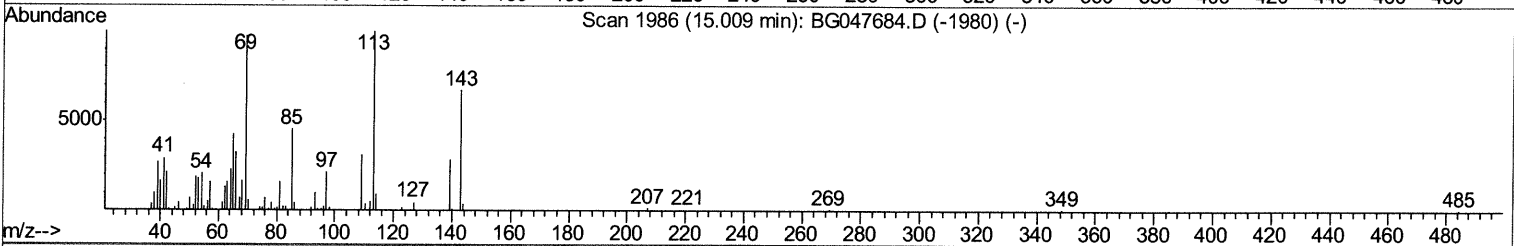
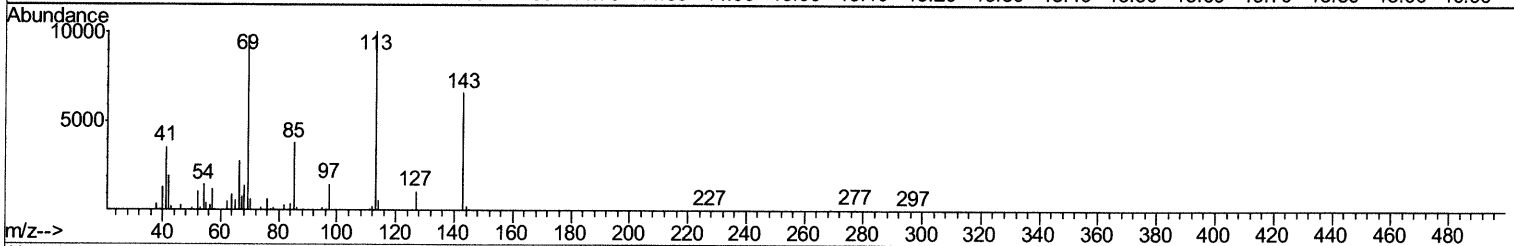
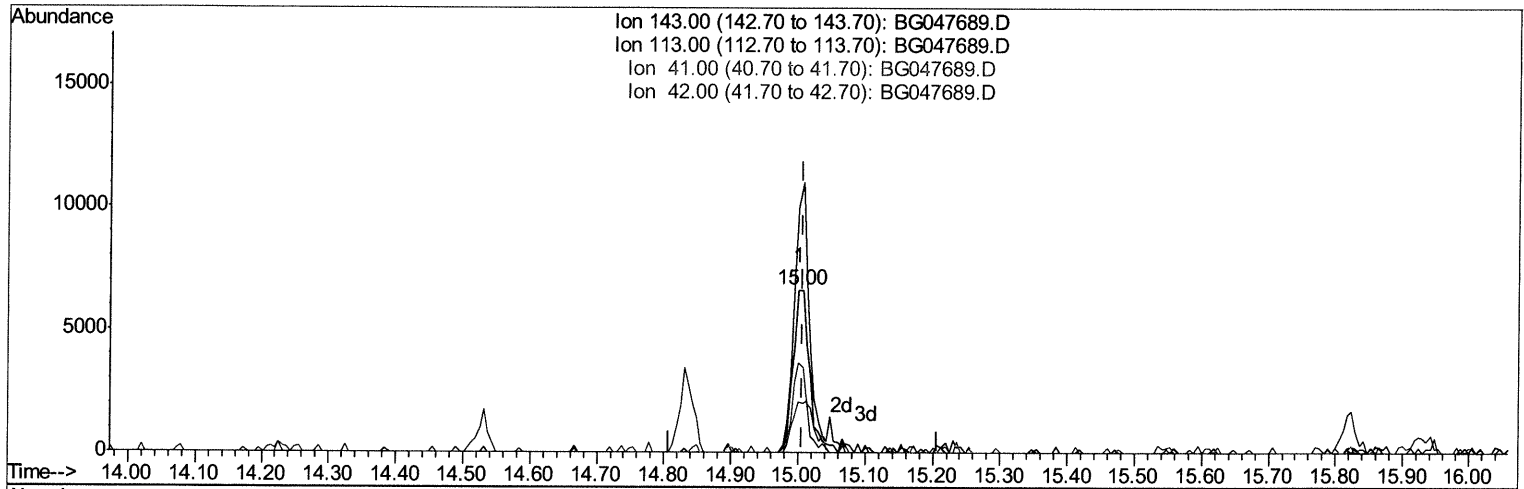
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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TIC: BG047689.D

(52) 4-Nitrophenol-d4 (S)

15.001min (-0.006) 8.60ng/ul m 12/11/2020 JU

response 11288

Ion	Exp%	Act%
143.00	100	100
113.00	164.40	151.32
41.00	54.90	54.83
42.00	38.20	30.72

Quantitation Report (Qedit)

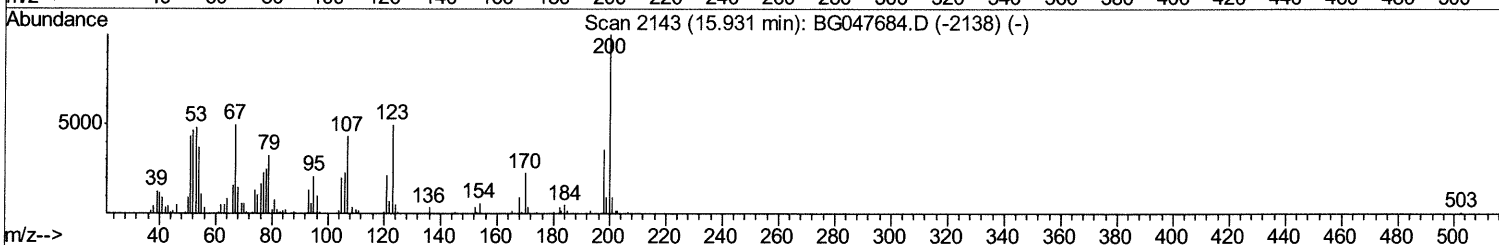
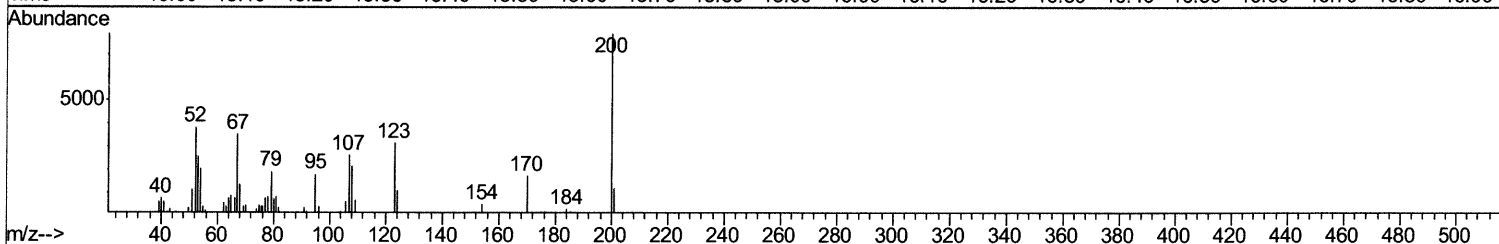
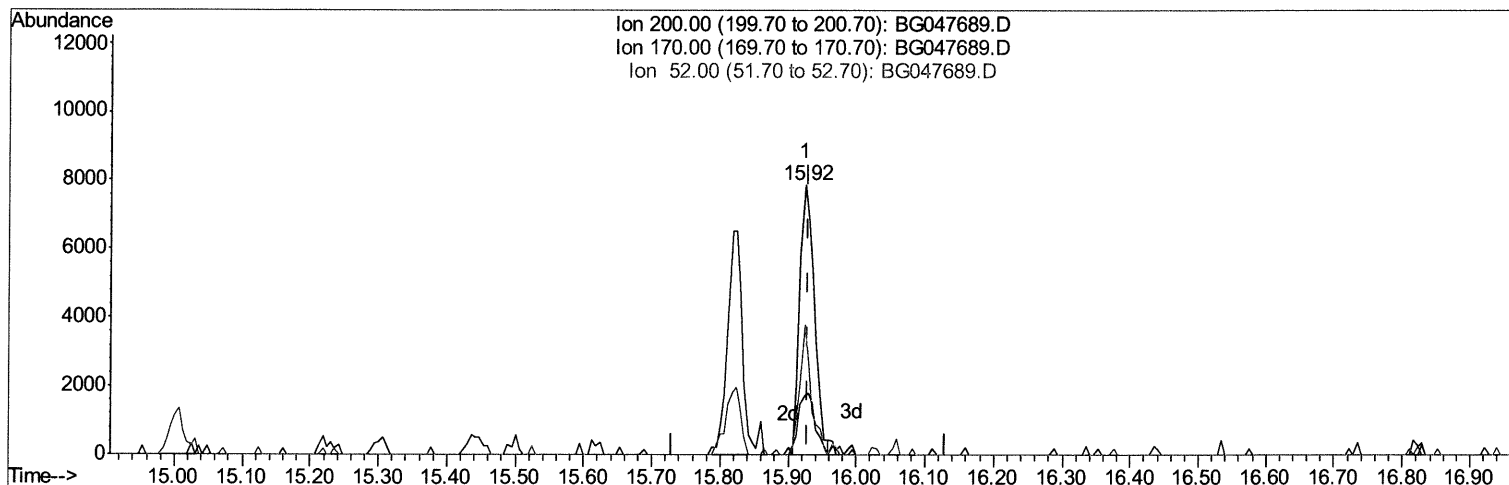
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 Operator : CG/JU
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Instrument :
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TIC: BG047689.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.923min (-0.006) 6.83ng/ul

response 11855

Ion	Exp%	Act%
200.00	100	100
170.00	22.20	21.98
52.00	43.70	48.41
0.00	0.00	0.00

Quantitation Report (Qedit)

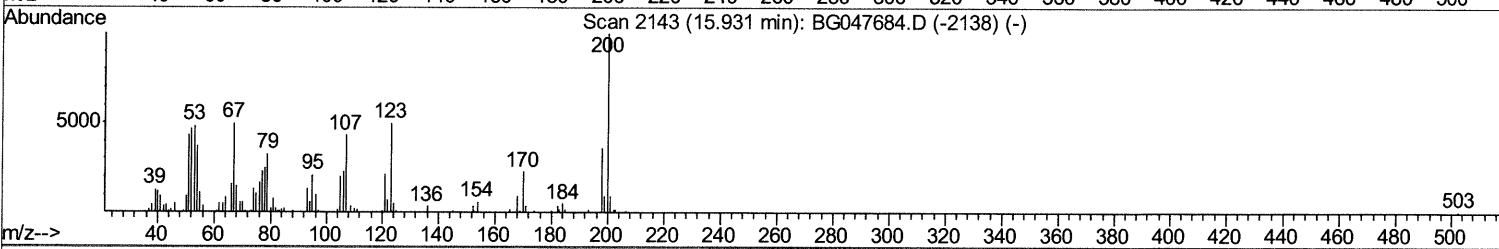
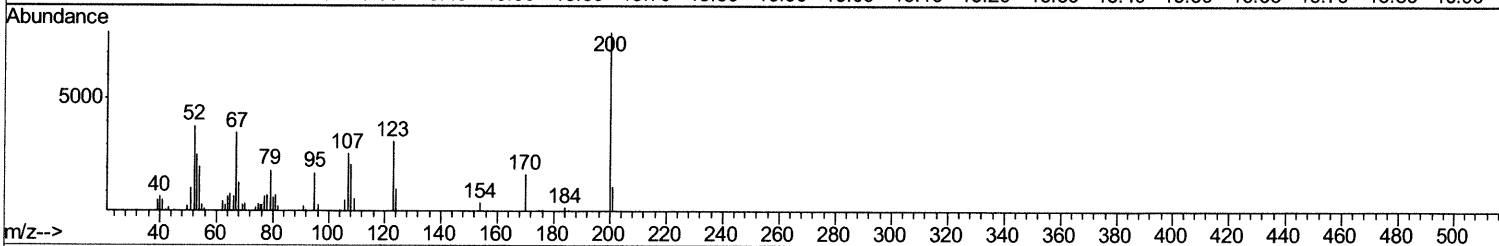
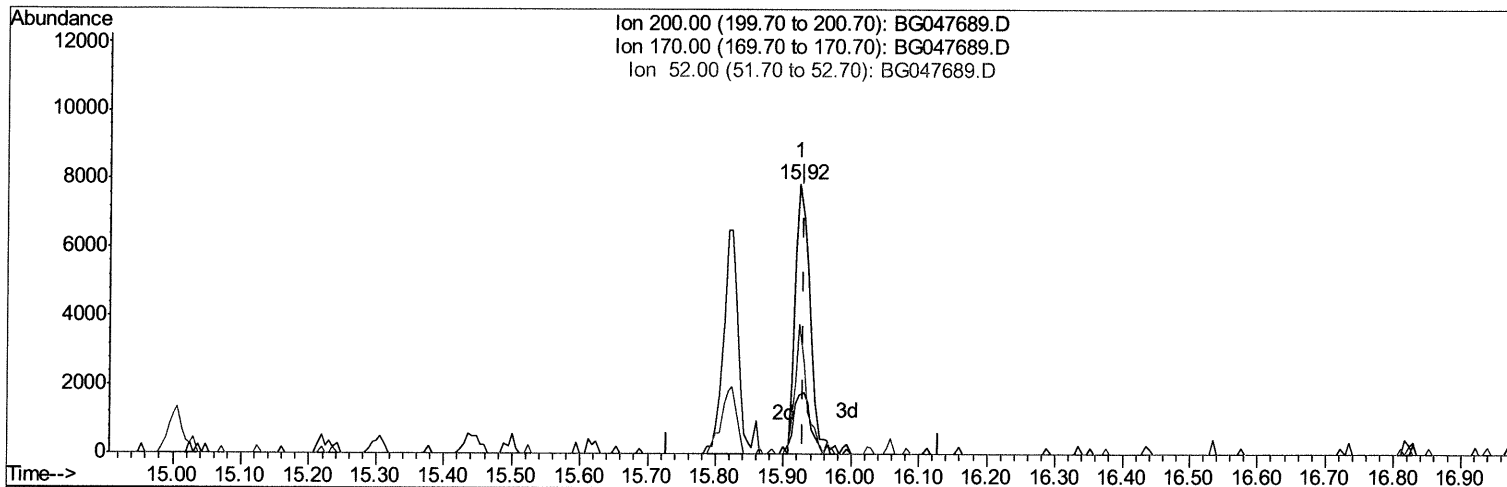
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047689.D
 Acq On : 10 Dec 2020 2:04
 Operator : CG/JU
 Sample : L4941-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AX3

Manual Integrations
 APPROVED

mohammad
 12/10/2020 8:38:24 AM

Quant Time: Dec 10 04:00:56 2020
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TIC: BG047689.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.923min (-0.006) 6.92ng/ul m 12/11/2020

response 11998

Ion	Exp%	Act%
200.00	100	100
170.00	22.20	21.98
52.00	43.70	48.41
0.00	0.00	0.00

Quantitation Report (Qedit)

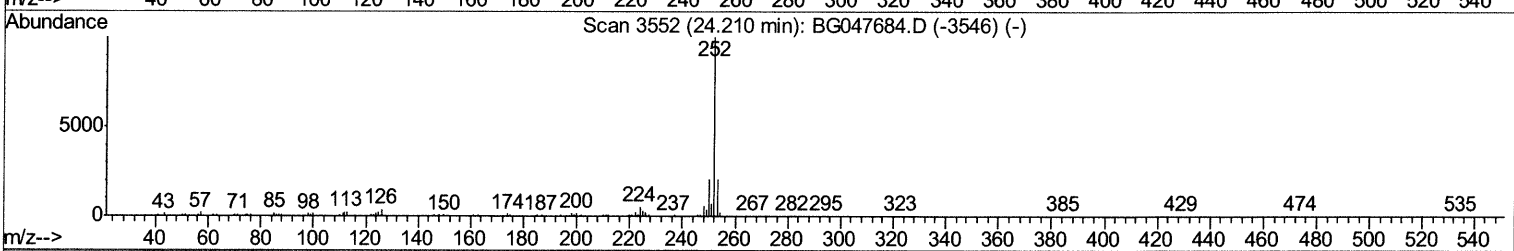
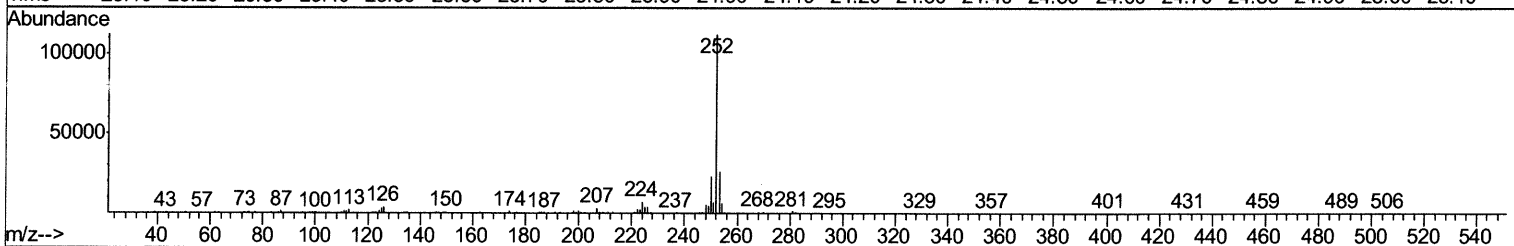
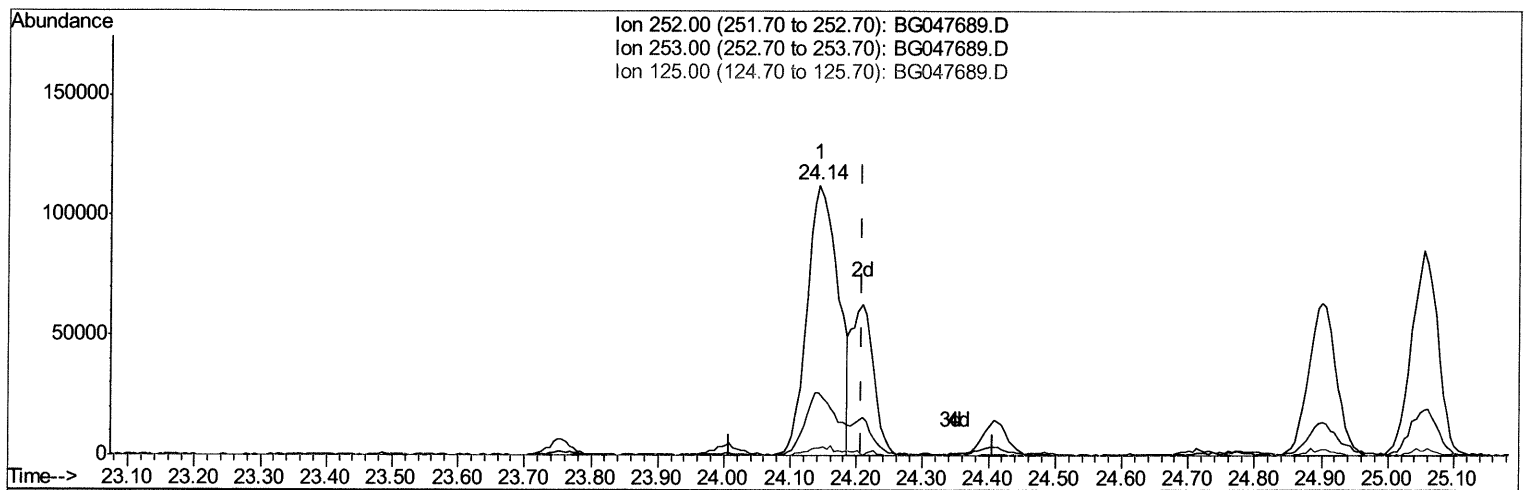
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Manual Integrations
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TIC: BG047689.D

(89) Benzo(k)fluoranthene

24.143min (-0.065) 21.10ng/ul

response 364545

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	23.08
125.00	2.80	2.95
0.00	0.00	0.00

Quantitation Report (Qedit)

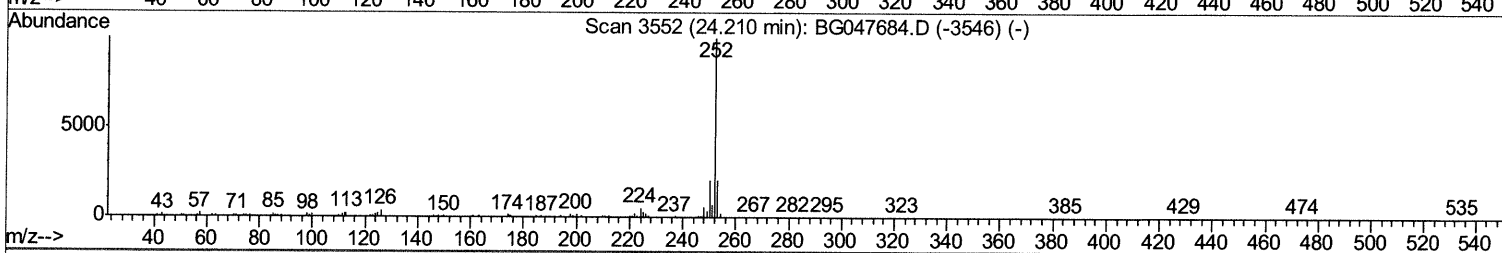
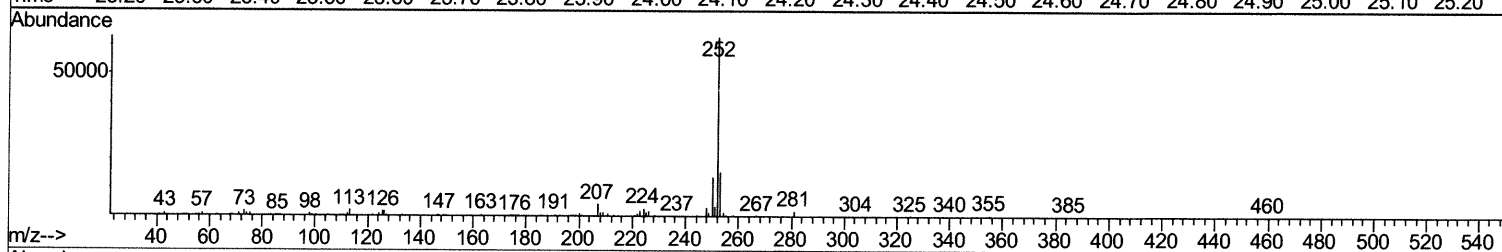
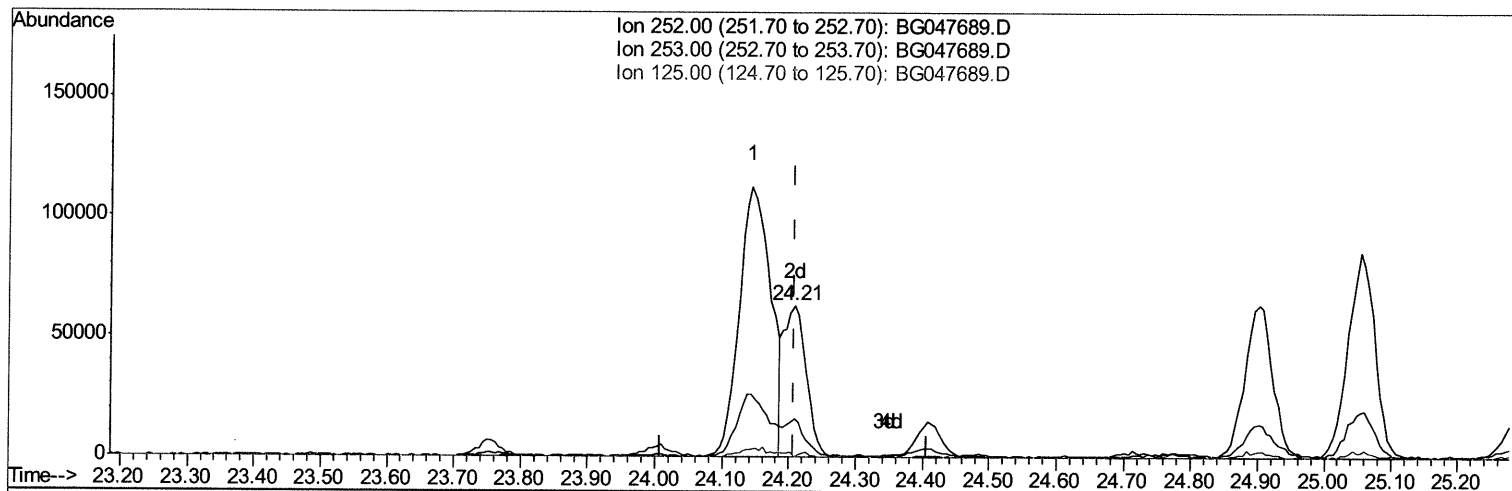
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TIC: BG047689.D

(89) Benzo(k)fluoranthene

24.208min (+0.000) 8.46ng/ul m 12/11/2024

response 146102

Ion	Exp%	Act%
252.00	100	100
253.00	21.10	25.18
125.00	2.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

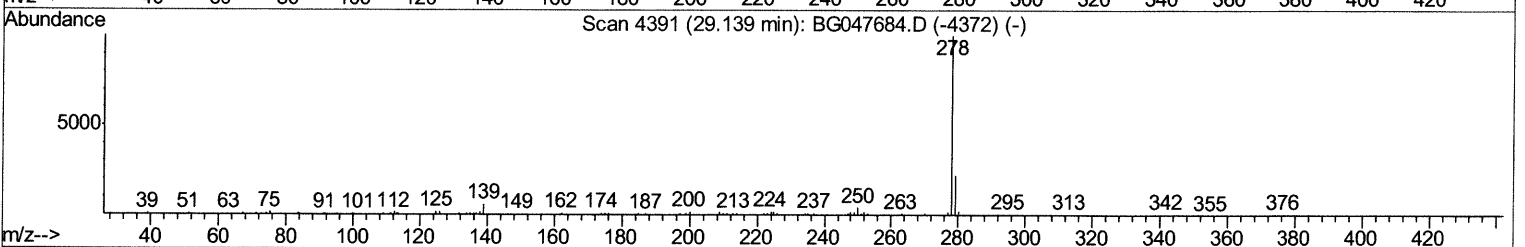
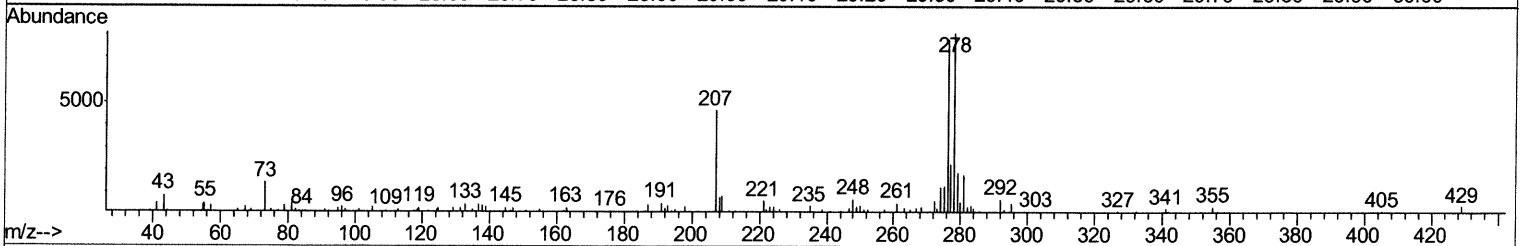
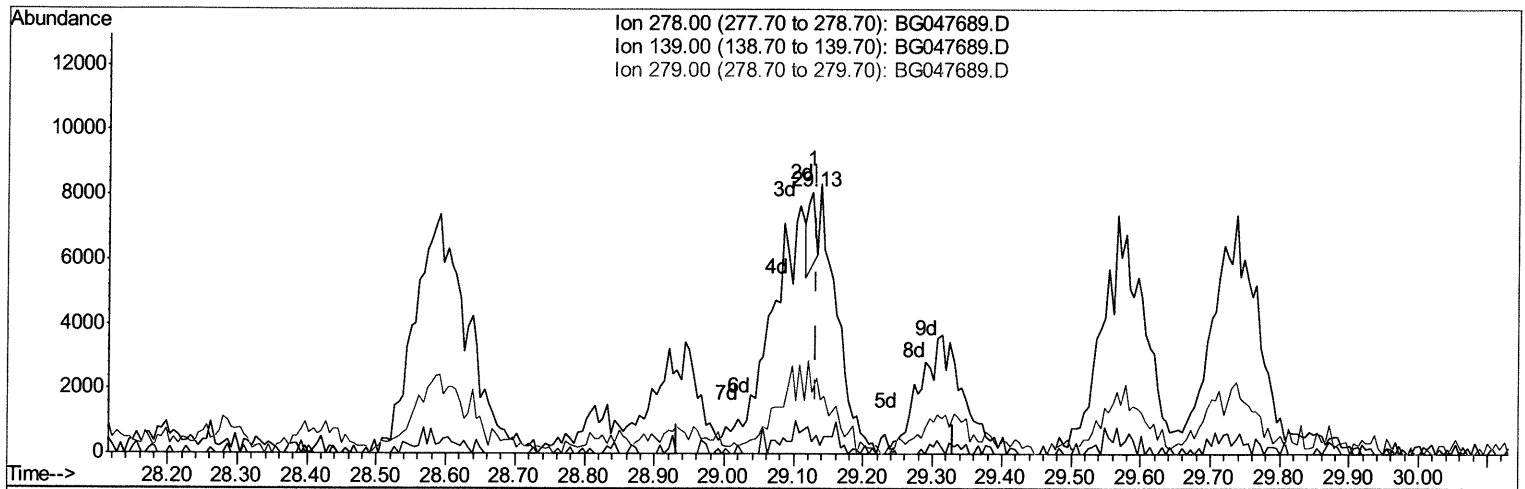
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(93) Dibenzo(a,h)anthracene

29.126min (-0.006) 0.10ng/ul

response 1616

Ion	Exp%	Act%
278.00	100	100
139.00	4.10	4.91
279.00	23.10	23.44
0.00	0.00	0.00

Quantitation Report (Qedit)

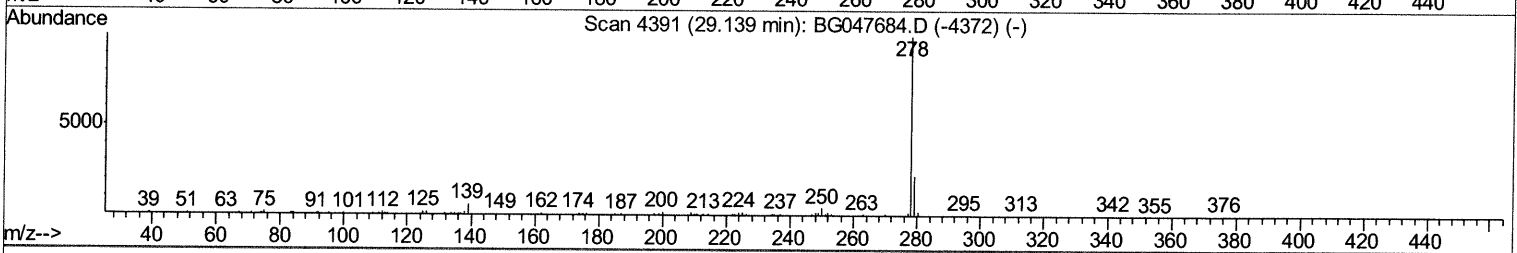
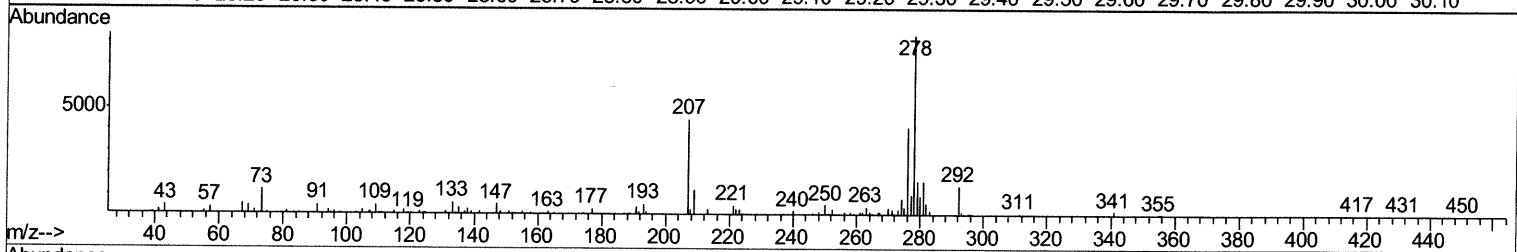
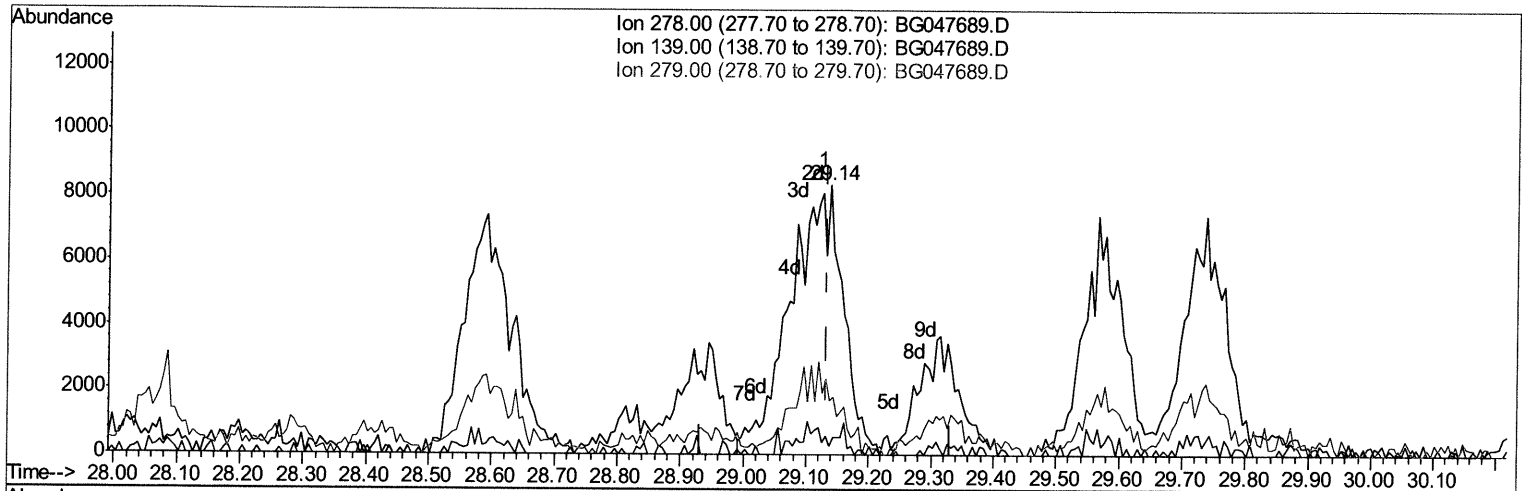
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TIC: BG047689.D

(93) Dibenzo(a,h)anthracene

29.137min (+0.006) 3.03ng/ul m 12/11/2020

response 48713

Ion	Exp%	Act%
278.00	100	100
139.00	4.10	3.15#
279.00	23.10	19.89
0.00	0.00	0.00

Quantitation Report (Qedit)

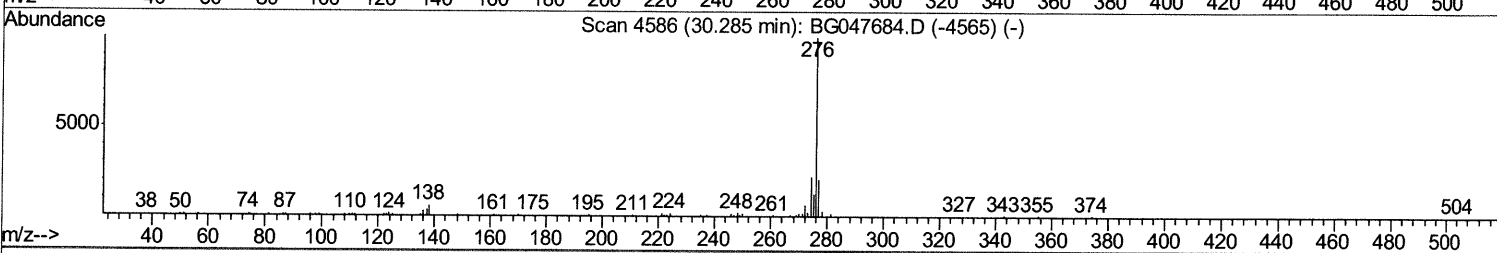
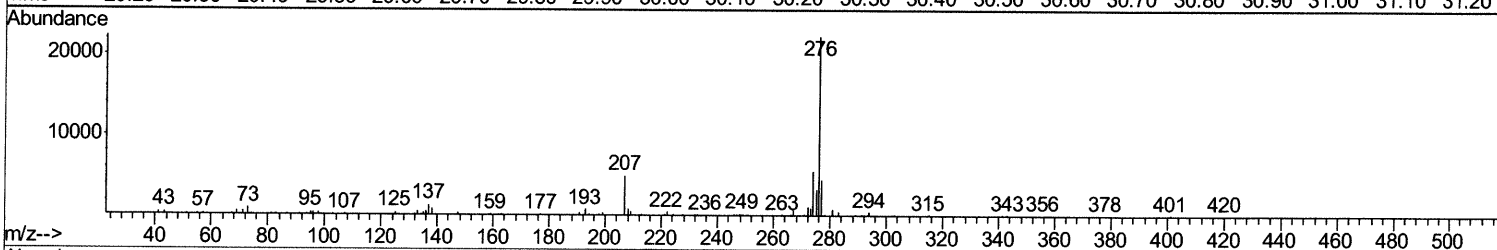
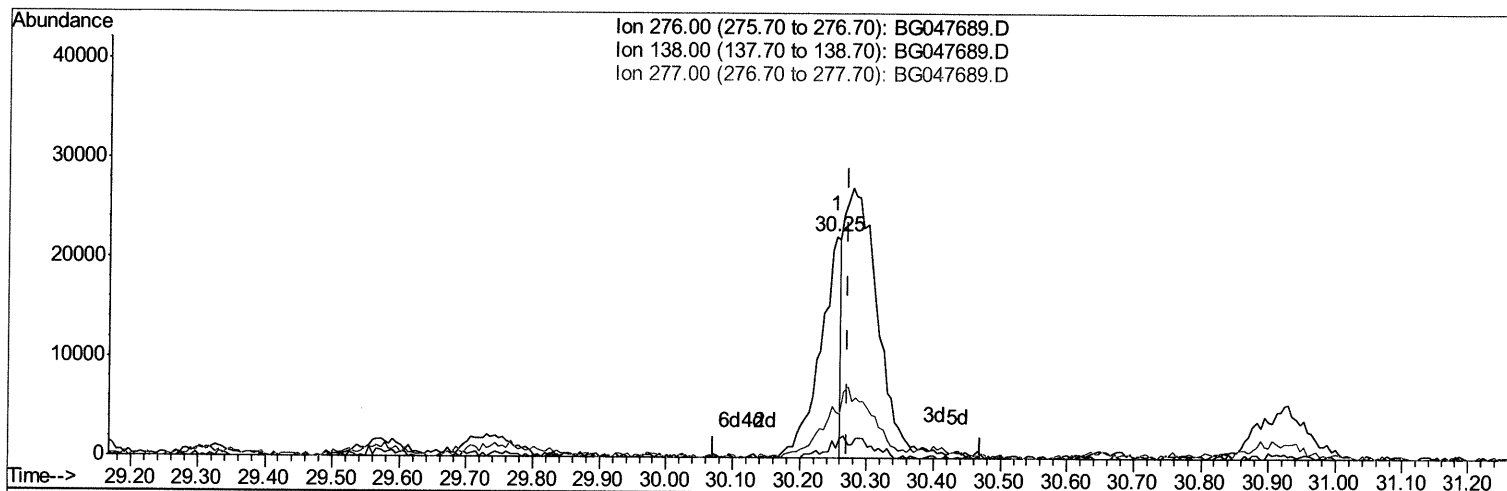
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TIC: BG047689.D

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

30.254min (-0.018) 3.11ng/ul

response 49025

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	4.26#
277.00	27.40	20.35#
0.00	0.00	0.00

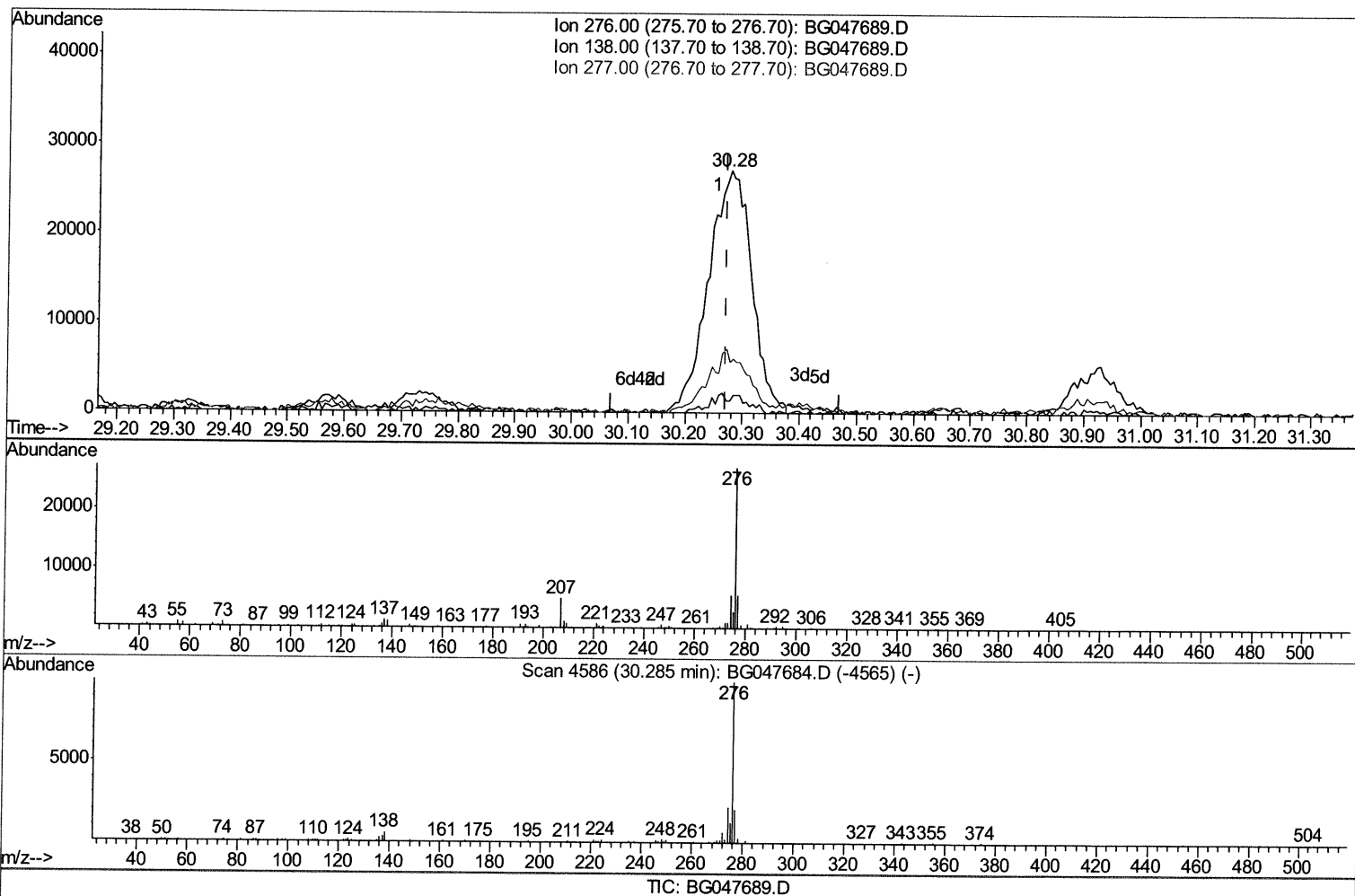
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047689.D
Acq On : 10 Dec 2020 2:04
Operator : CG/JU
Sample : L4941-02
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AX3

Manual Integrations
APPROVED

mohammad
12/10/2020 8:38:24 AM

Quant Time: Dec 10 04:00:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 03:40:15 2020
Response via : Initial Calibration



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

30.277min (+0.006) 8.95ng/ul m 12/11/2024

response 140857

Ion	Exp%	Act%
276.00	100	100
138.00	5.90	4.85
277.00	27.40	21.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047689.D
 Acq On : 10 Dec 2020 2:04
 Operator : CG/JU
 Sample : L4941-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AX3

Manual Integrations
 APPROVED

mohammad
 12/10/2020 8:38:24 AM

Quant Time: Dec 10 04:06:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 03:40:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	34102	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	131278	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	101905	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	256270	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	241241	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	249756	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	683	1.07	ng/uL	0.00
5) Phenol-d5	7.36	99	27528	9.43	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.53	67	16344m >	10.89	ng/ul >	0.00 12/11/2020
9) 2-Chlorophenol-d4	7.74	132	22100	9.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	18869	8.15	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	11900	11.12	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	14408	11.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	28092	10.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	22077m >	8.58	ng/ul >	0.00 12/11/2020
44) Dimethylphthalate-d6	14.23	166	89557	10.12	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	112104	11.09	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	11288m >	8.60	ng/ul >	0.00 12/11/2020
58) Fluorene-d10	15.82	176	83211	10.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	11998m >	6.92	ng/ul >	0.00 12/11/2020
71) Anthracene-d10	17.67	188	141296	11.05	ng/ul	0.00
79) Pyrene-d10	19.94	212	172368	12.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	173765	11.91	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.38	94	6862	2.489	ng/ul# 91
45) Dimethylphthalate	14.27	163	20323	2.267	ng/ul# 92
59) Fluorene	15.87	166	9925	1.200	ng/ul# 91
70) Phenanthrene	17.62	178	254477	18.321	ng/ul 99
72) Anthracene	17.70	178	45412	3.280	ng/ul 95
75) Carbazole	17.97	167	19899	1.802	ng/ul# 92
77) Fluoranthene	19.61	202	623414	35.274	ng/ul# 98
80) Pvrene	19.97	202	474730	27.057	ng/ul# 98
83) Benzo(a)anthracene	21.83	228	268689	15.590	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.71	149	24168	2.950	ng/ul 94
85) Chrysene	21.90	228	290638	17.867	ng/ul 97
88) Benzo(b)fluoranthene	24.14	252	364545	20.909	ng/ul 99
89) Benzo(k)fluoranthene	24.21	252	146102m >	8.456	ng/ul > 12/11/2020
91) Benzo(a)pyrene	25.05	252	235578	14.984	ng/ul# 98
92) Indeno(1,2,3-cd)pyrene	29.07	276	164466	8.578	ng/ul# 98
93) Dibenzo(a,h)anthracene	29.14	278	48713m }	3.031	ng/ul }
94) Benzo(a,h,i)perylene	30.28	276	140857m }	8.948	ng/ul }

(#) = qualifier out of range (m) = manual integration (+) = signals summed