

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043121.D

Acq On : 10 Oct 2019 3:20

Operator : JU

Sample : K5175-16

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:16:17 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

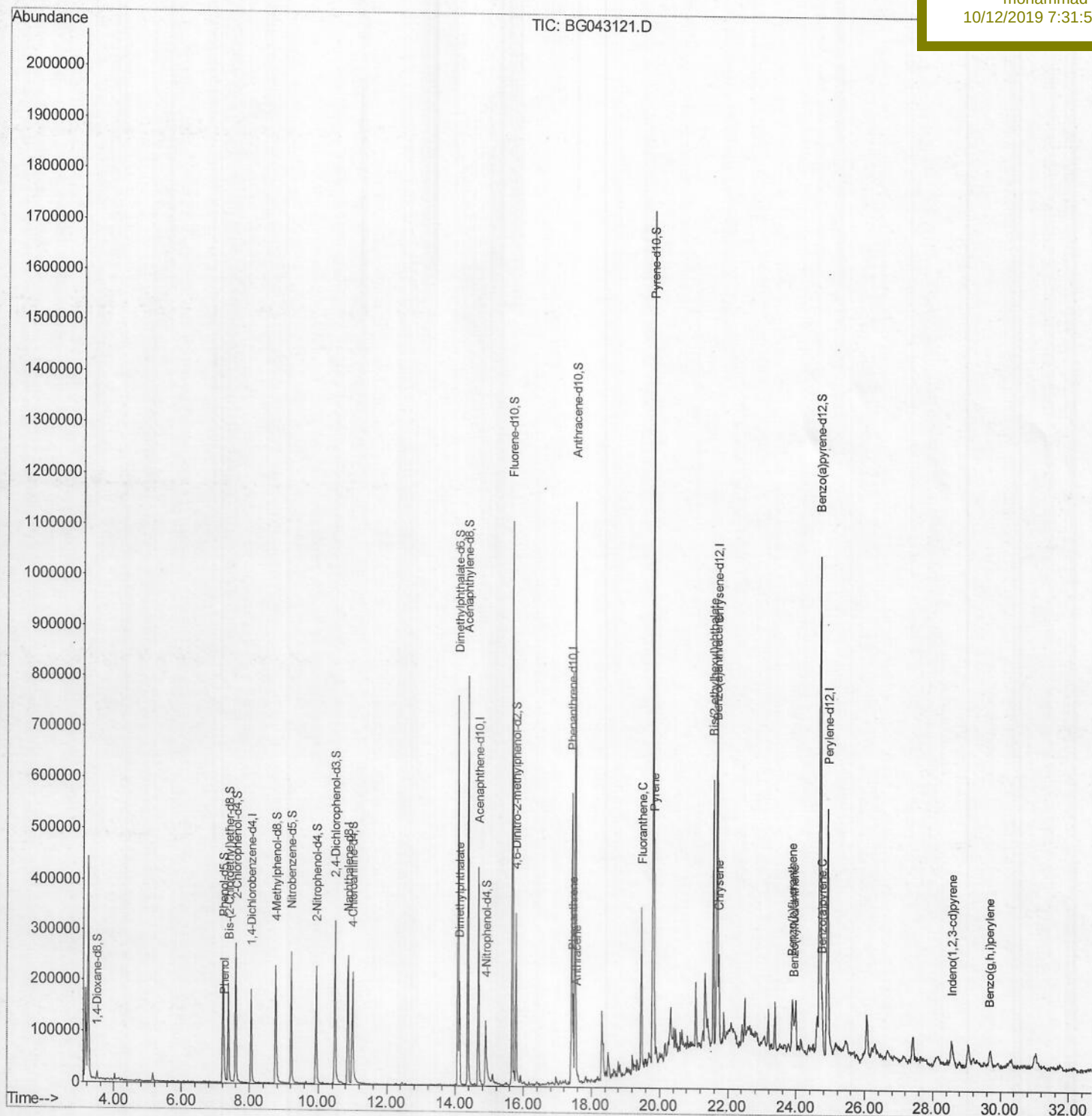
BEPG3

Manual Integrations

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10/12/2019 7:31:58 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043121.D

Acq On : 10 Oct 2019 3:20

Operator : JU

Sample : K5175-16

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:04:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

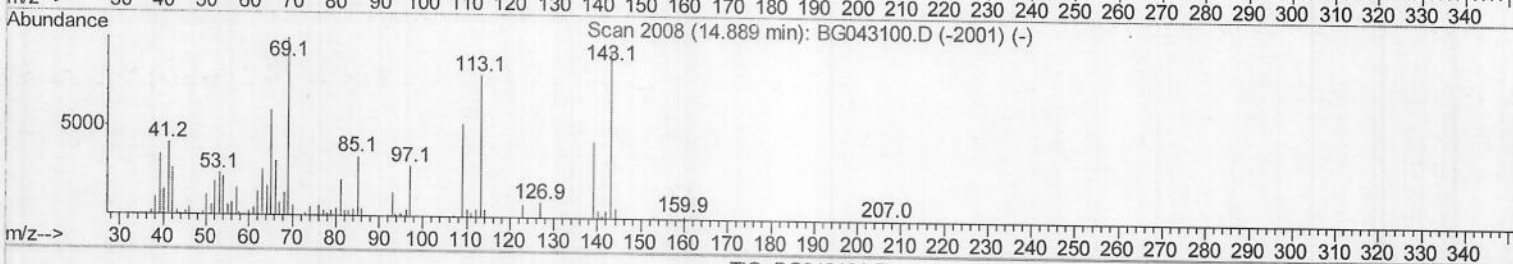
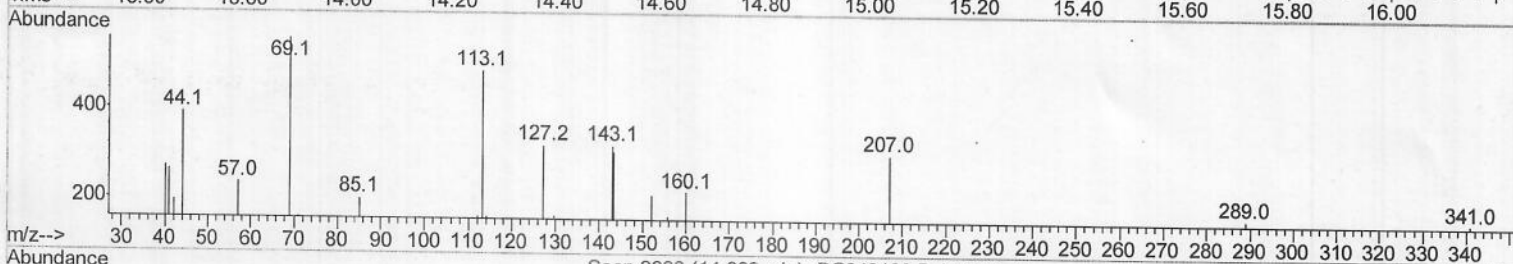
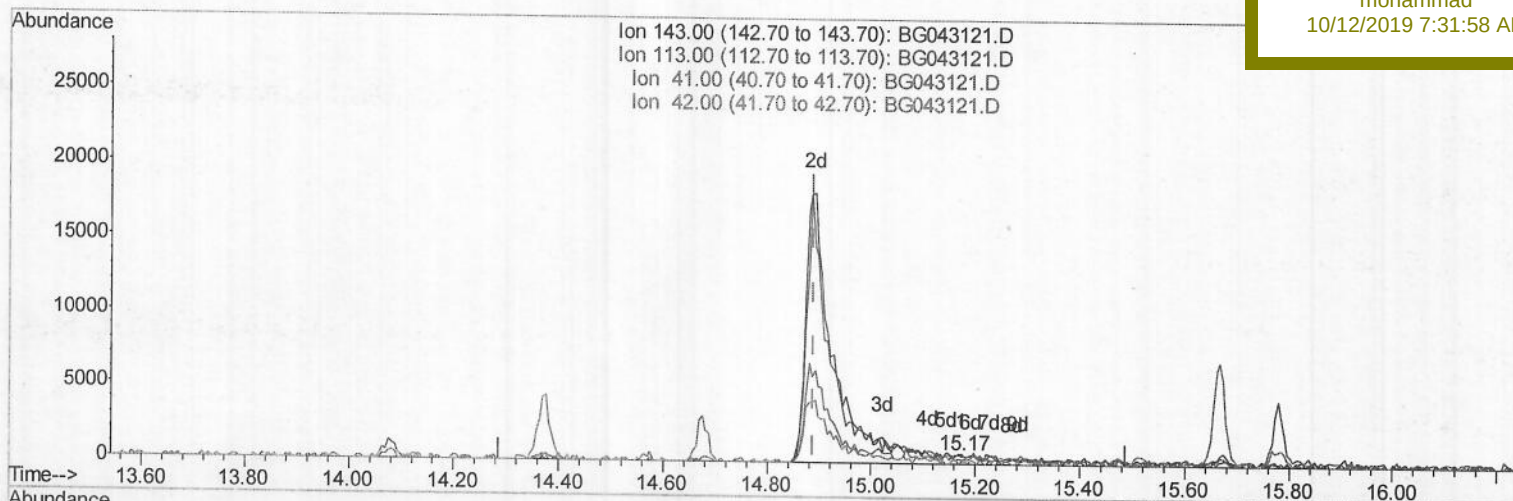
Response via : Initial Calibration

Instrument :

BNA_G

Client Sampled :

BEPG3

Manual Integrations
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10/12/2019 7:31:58 AM

TIC: BG043121.D

(51) 4-Nitrophenol-d4 (S)

15.174min (+0.285) 0.16ng/ul

response 275

Ion	Exp%	Act%
143.00	100	100
113.00	84.80	77.07
41.00	42.80	42.04
42.00	28.10	30.89

Quantitation Report (Qedit)

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ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

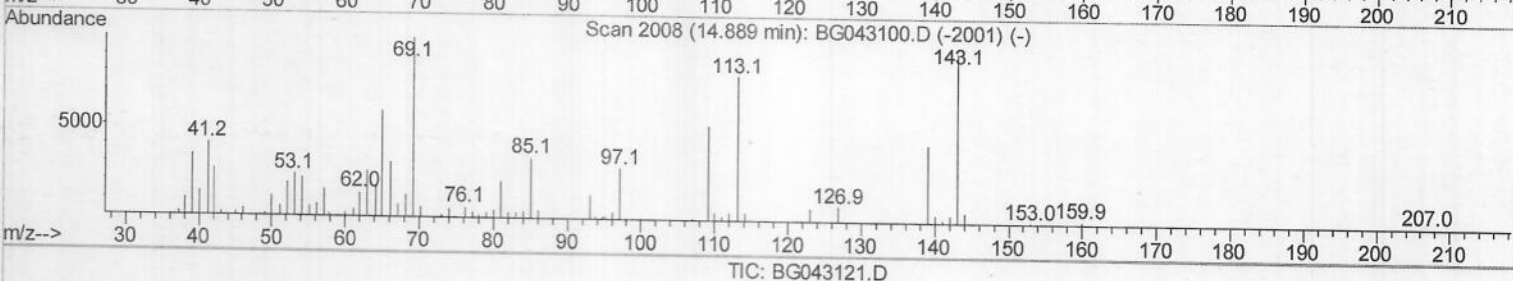
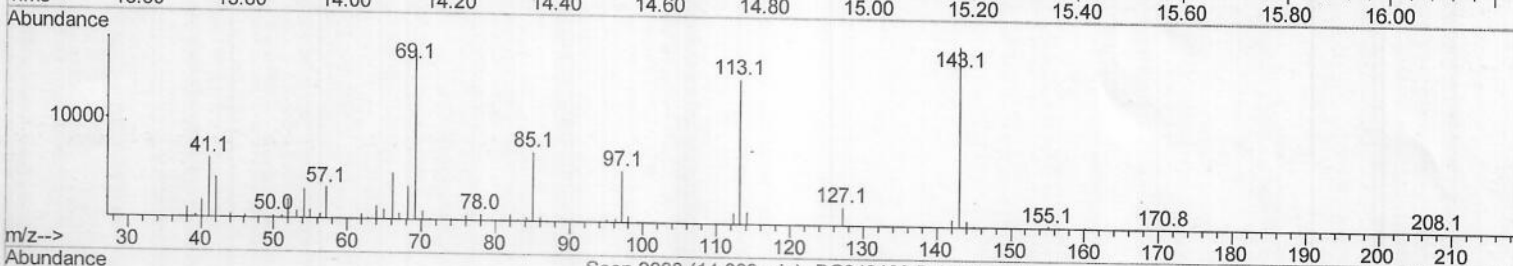
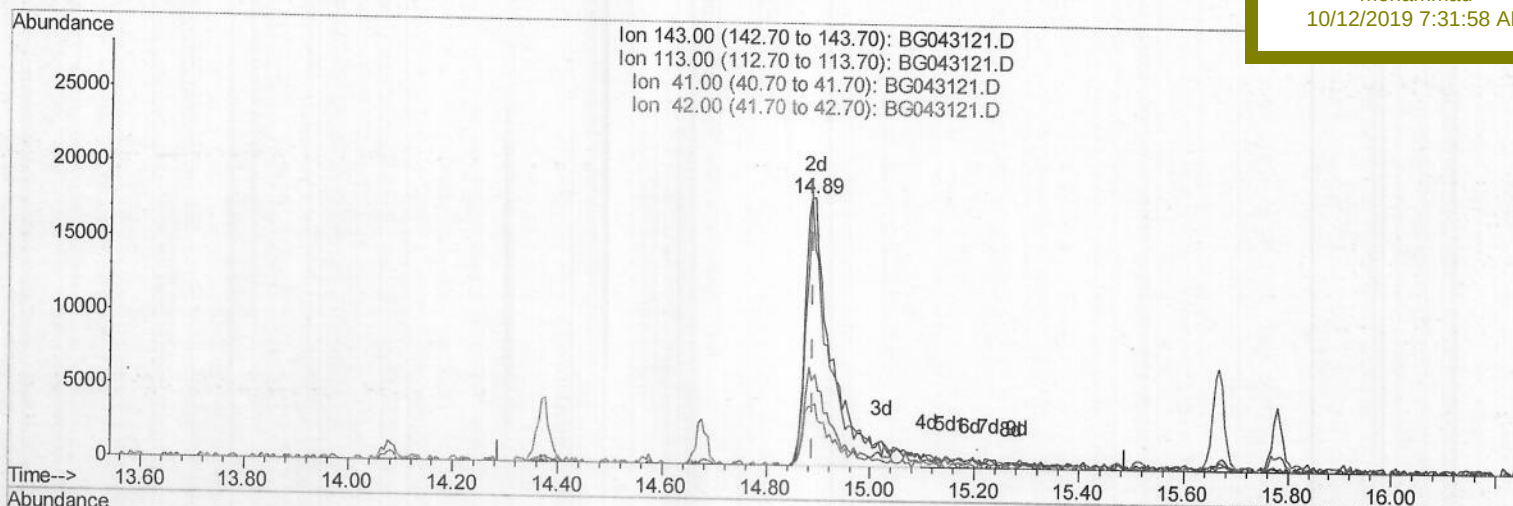
BEPG3

Manual Integrations

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(51) 4-Nitrophenol-d4 (S)

14.892min (+0.003) 38.59ng/ul m

response 66983

Ion Exp% Act%

143.00 100 100

113.00 84.80 80.40

41.00 42.80 33.94#

42.00 28.10 23.02

JU 20/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

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Misc :

ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

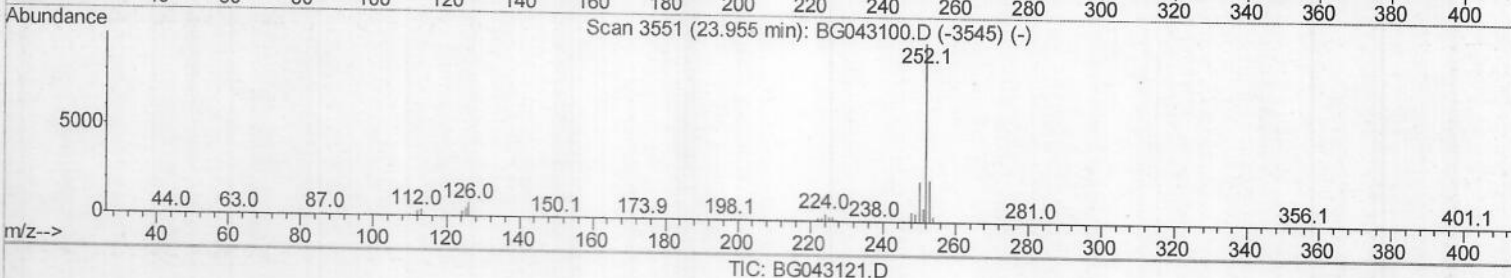
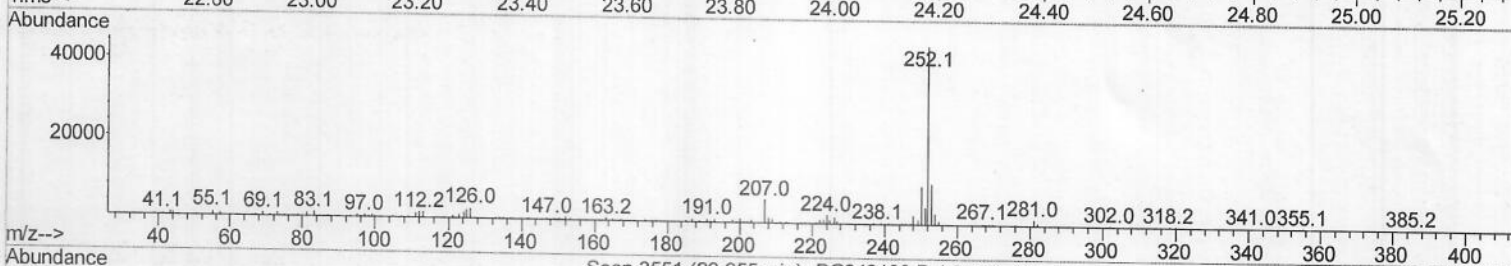
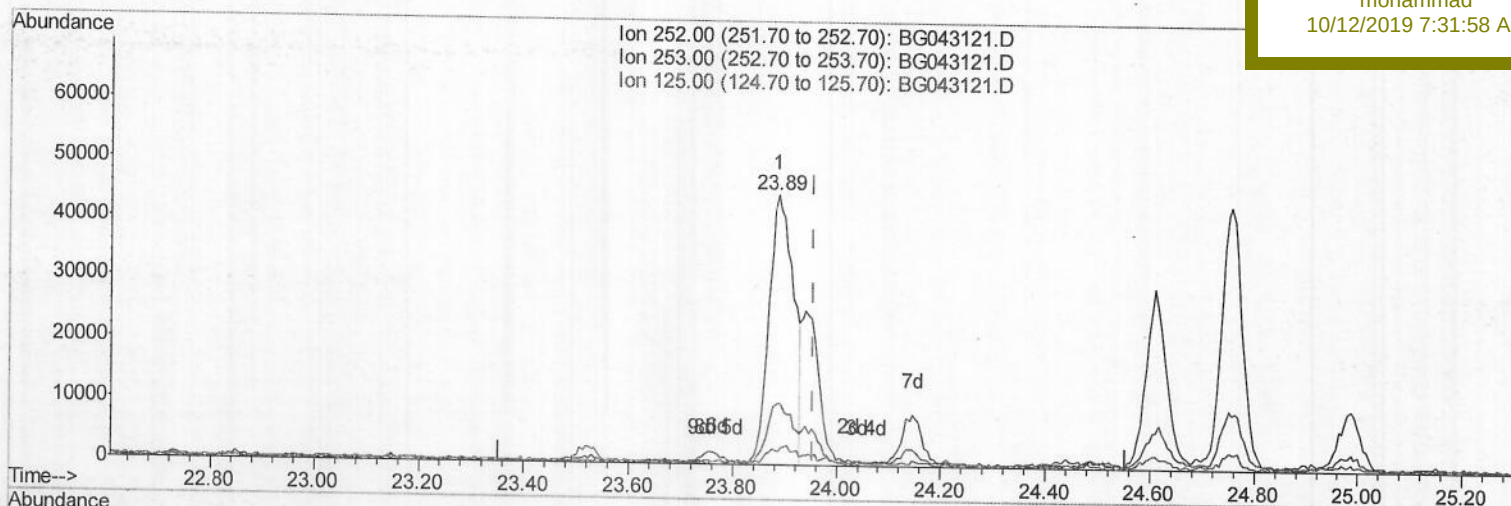
Response via : Initial Calibration

Instrument :

BNA_G

Client Sampled :

BEPG3

Manual Integrations
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10/12/2019 7:31:58 AM

TIC: BG043121.D

(88) Benzo(k)fluoranthene

23.887min (-0.067) 4.82ng/ul

response 146473

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	22.74
125.00	5.50	5.18
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043121.D

Acq On : 10 Oct 2019 3:20

Operator : JU

Sample : K5175-16

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:04:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

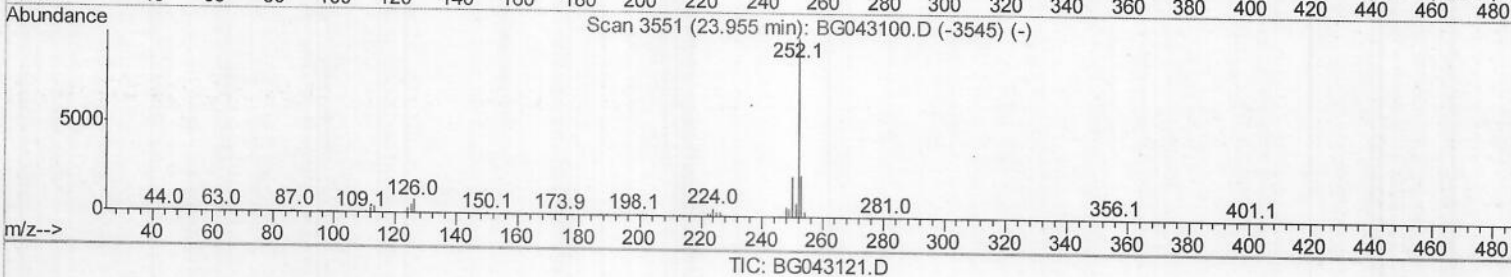
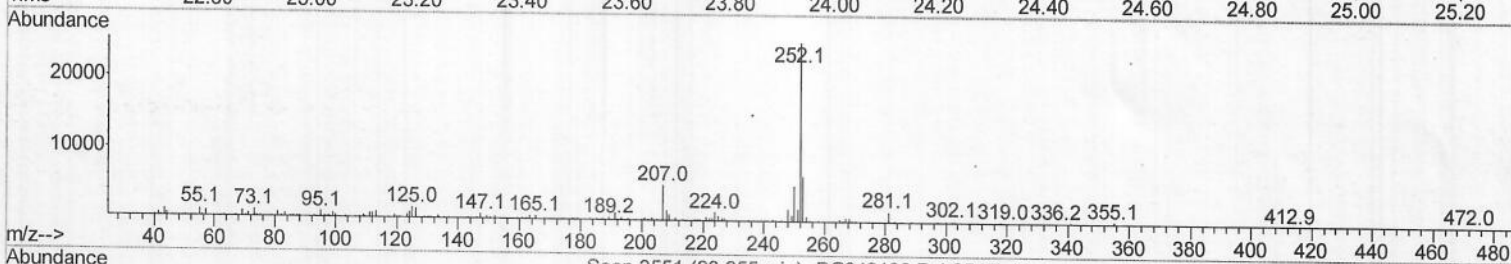
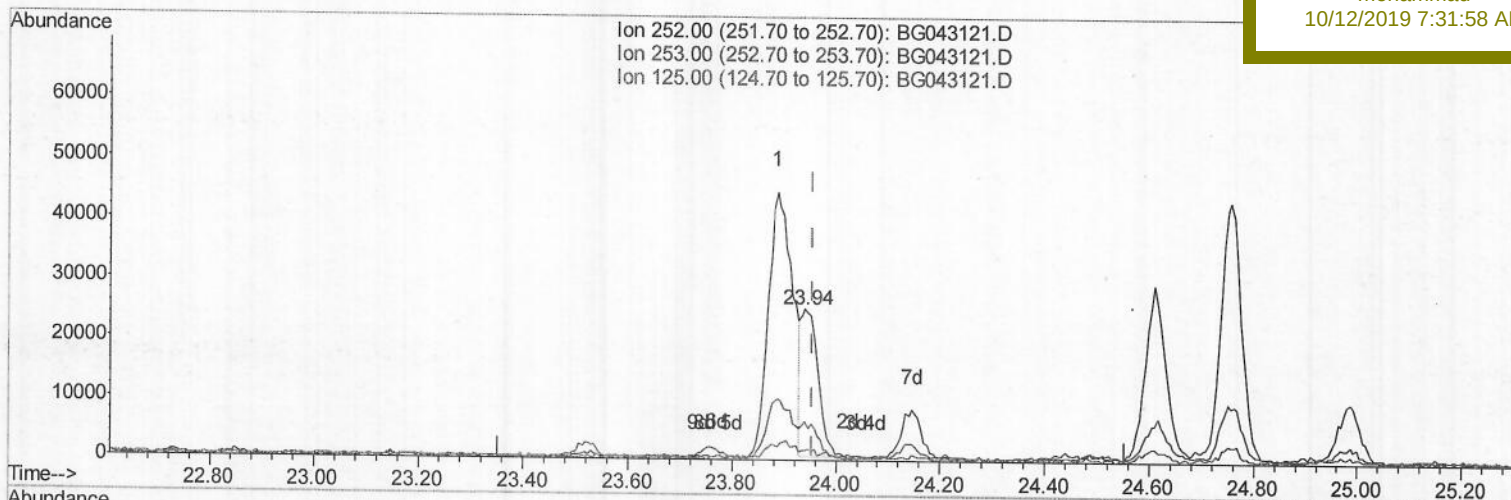
BEPG3

Manual Integrations

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(88) Benzo(k)fluoranthene

23.940min (-0.014) 1.79ng/ul m

response 54381

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	25.57
125.00	5.50	6.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043121.D

Acq On : 10 Oct 2019 3:20

Operator : JU

Sample : K5175-16

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:04:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA_G

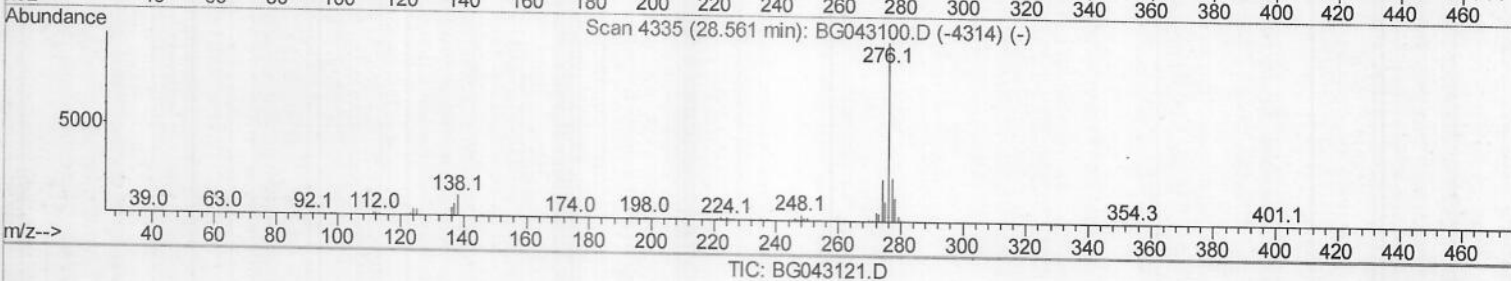
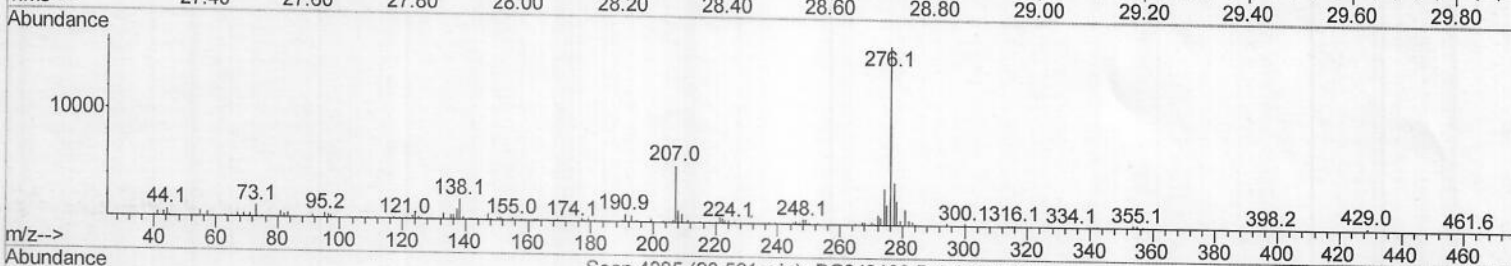
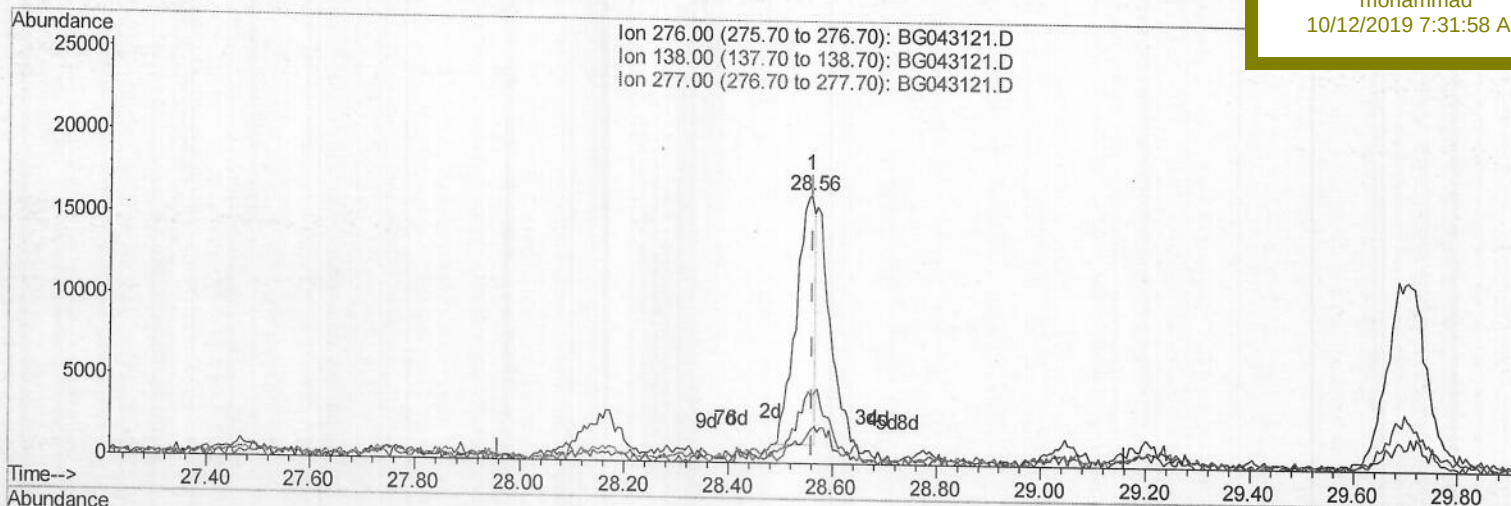
Client Sampled :

BEPG3

Manual Integrations
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(91) Indeno(1,2,3-cd)pyrene

28.558min (-0.003) 1.06ng/ul

response 38146

Ion	Exp%	Act%
276.00	100	100
138.00	11.50	12.15
277.00	23.80	24.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\

Data File : BG043121.D

Acq On : 10 Oct 2019 3:20

Operator : JU

Sample : K5175-16

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:04:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA_G

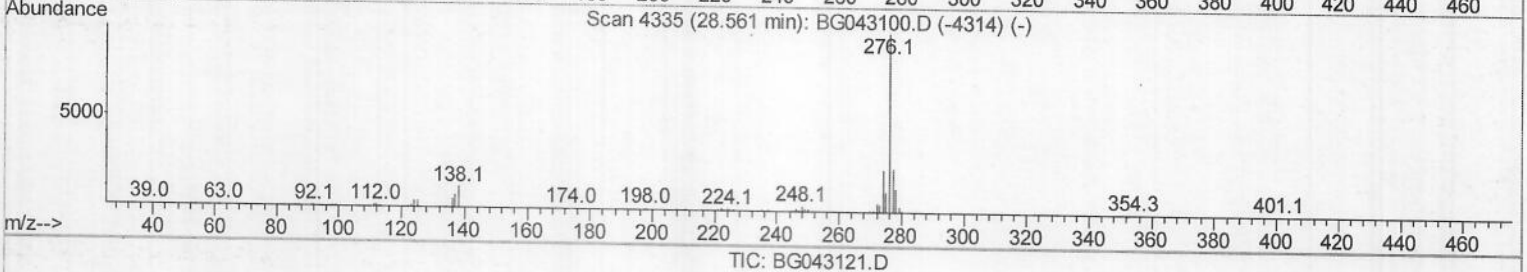
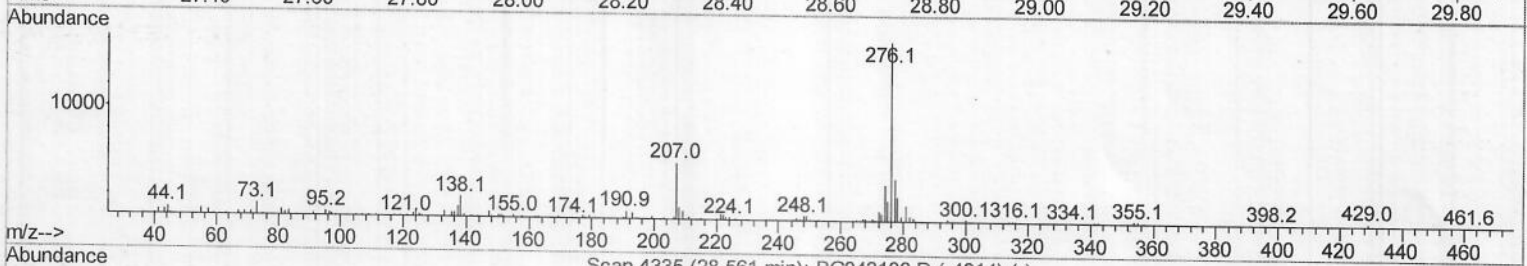
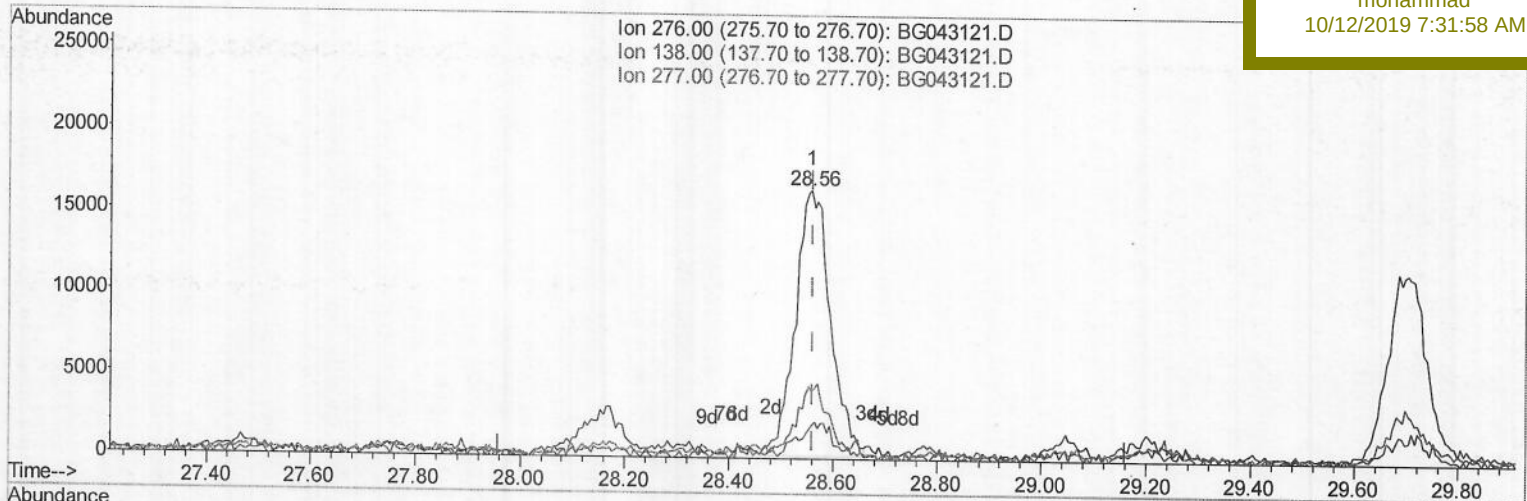
Client Sampled :

BEPG3

Manual Integrations
APPROVED

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10/12/2019 7:31:58 AM



(91) Indeno(1,2,3-cd)pyrene

28.558min (-0.003) 2.10ng/ul m

response 75726

Ion	Exp%	Act%
276.00	100	100
138.00	11.50	12.15
277.00	23.80	24.96
0.00	0.00	0.00

Quantitation Report (Qedit)

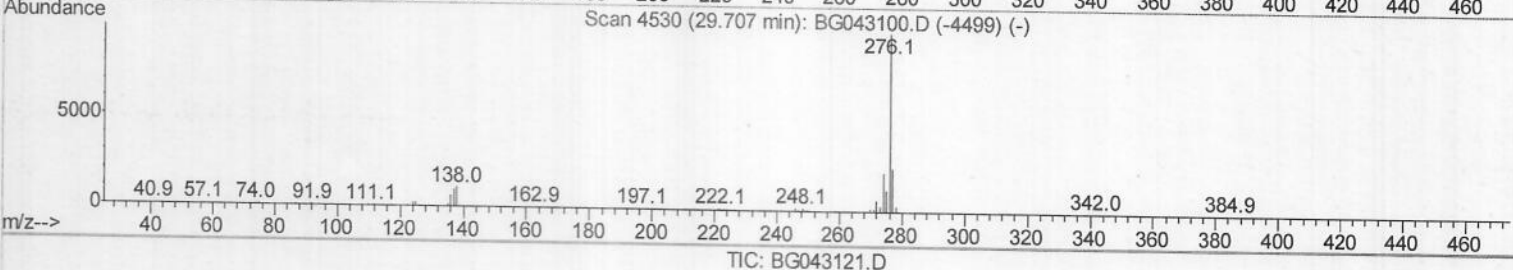
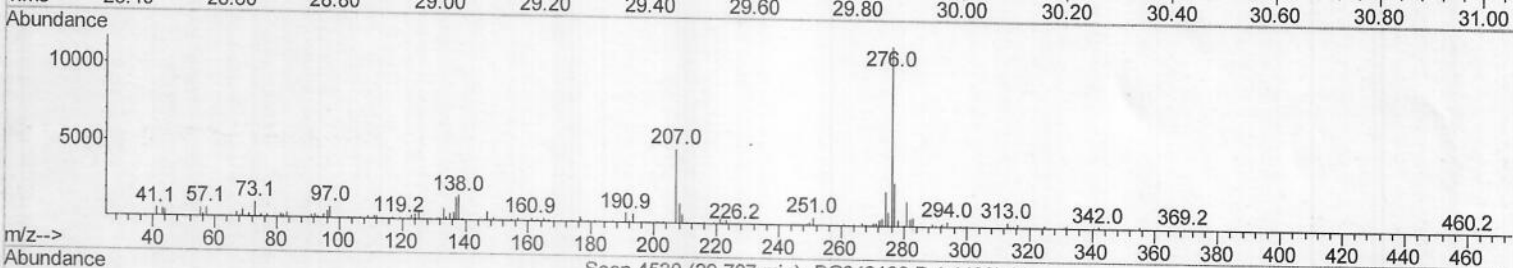
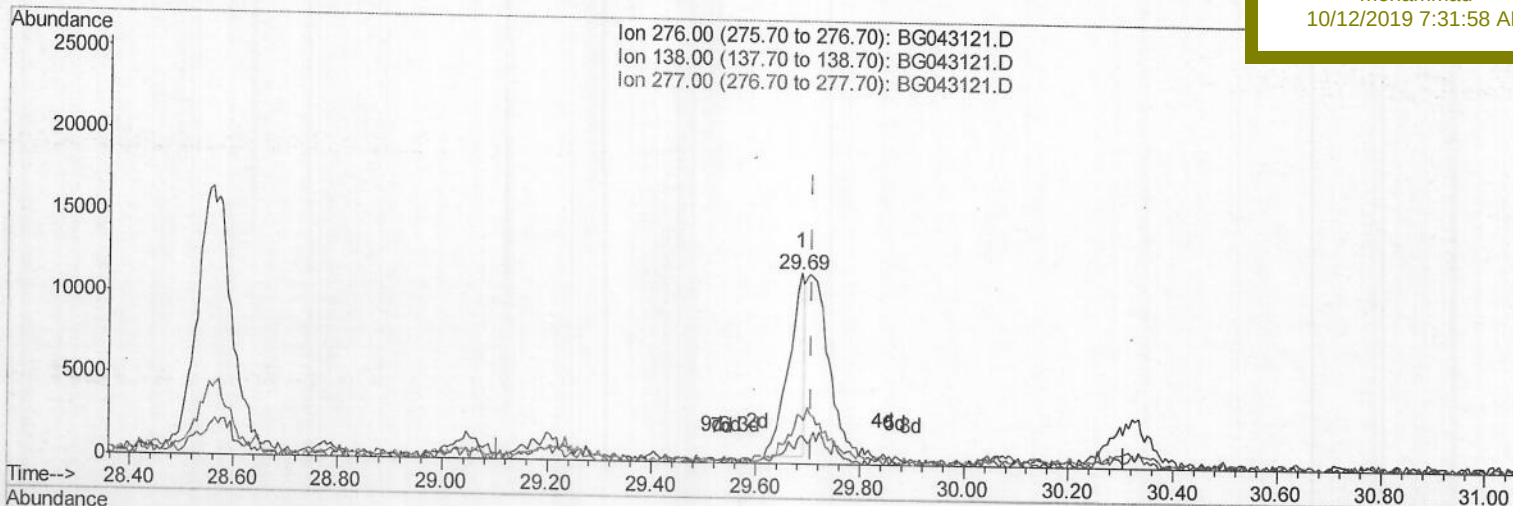
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043121.D
 Acq On : 10 Oct 2019 3:20
 Operator : JU
 Sample : K5175-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:04:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 09 15:33:22 2019
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 BEPG3

Manual Integrations
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 10/12/2019 7:31:58 AM



TIC: BG043121.D

(93) Benzo(g,h,i)perylene
 29.687min (-0.020) 0.77ng/ul
 response 23606

Ion	Exp%	Act%
276.00	100	100
138.00	10.90	14.69#
277.00	23.90	24.65
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BG043121.D

Acq On : 10 Oct 2019 3:20

Operator : JU

Sample : K5175-16

Misc :

ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 10 05:04:28 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 09 15:33:22 2019

Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

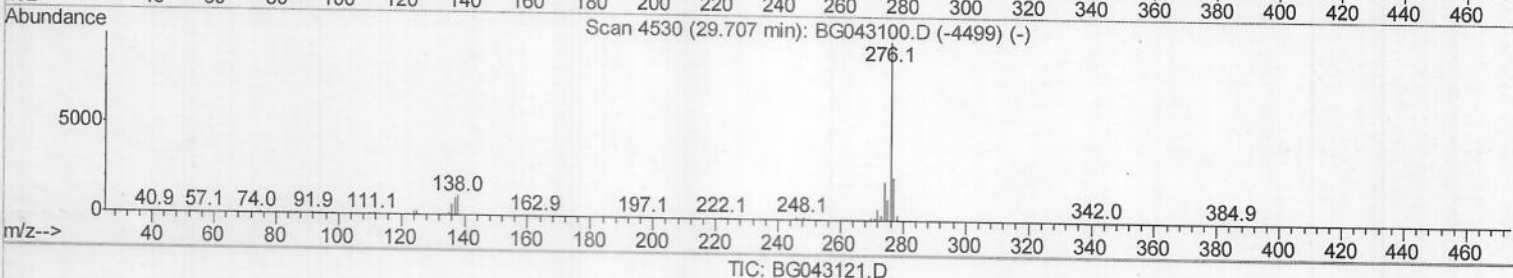
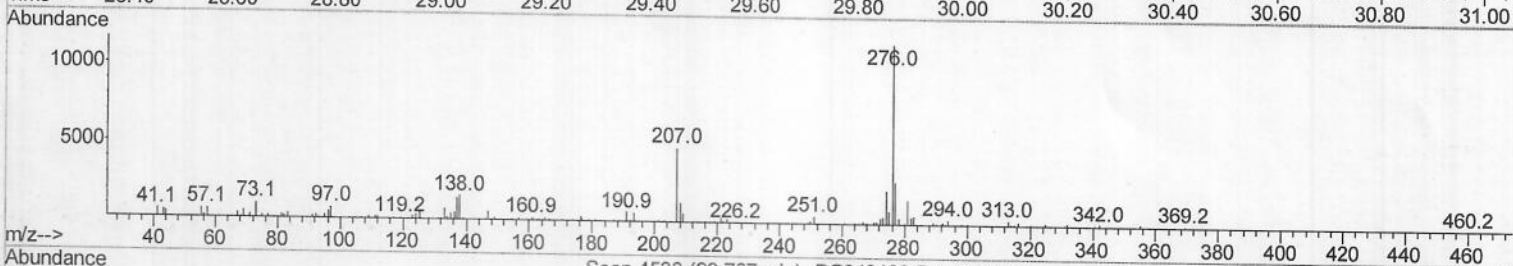
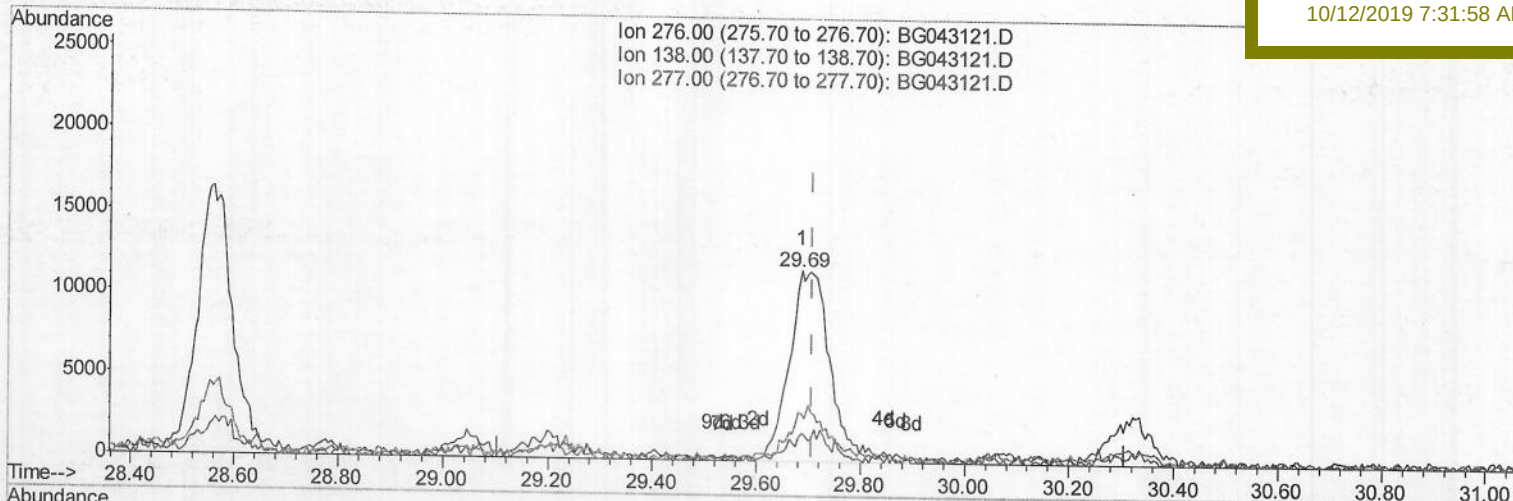
BEPG3

Manual Integrations

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10/12/2019 7:31:58 AM



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

29.687min (-0.020) 2.12ng/ul m

response 64979

Ion	Exp%	Act%
276.00	100	100
138.00	10.90	14.69#
277.00	23.90	24.65
0.00	0.00	0.00

JU 10/11/19

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Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56528	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	231026	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	162783	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	385358	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	434779	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	523020	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	9044	7.74	ng/uL	0.00
5) Phenol-d5	7.22	99	164420	39.34	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.38	67	97880	41.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	139486	41.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	104005	28.87	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	69402	42.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	83742	45.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	148706	38.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	151106	37.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	545742	41.70	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	605665	42.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	66983m	38.59	ng/ul	0.00
57) Fluorene-d10	15.67	176	469192	42.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	92901	37.58	ng/ul	0.00
70) Anthracene-d10	17.52	188	755405	41.50	ng/ul	0.00
78) Pyrene-d10	19.80	212	964365	44.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	1154585	44.67	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.25	94	16237	3.805	ng/ul 97
44) Dimethylphthalate	14.13	163	133552	10.566	ng/ul# 98
69) Phenanthrene	17.46	178	110427	5.552	ng/ul 100
71) Anthracene	17.55	178	23187	1.127	ng/ul 97
76) Fluoranthene	19.47	202	215852	8.506	ng/ul 98
79) Pyrene	19.83	202	211001	7.891	ng/ul 99
82) Benzo(a)anthracene	21.67	228	127153	4.371	ng/ul 96
83) Bis(2-ethylhexyl)phthalate	21.58	149	233530	16.172	ng/ul 100
84) Chrysene	21.74	228	125334	4.578	ng/ul 99
87) Benzo(b)fluoranthene	23.89	252	146473	4.706	ng/ul 96
88) Benzo(k)fluoranthene	23.94	252	54381m	1.788	ng/ul
90) Benzo(a)pyrene	24.76	252	118947	3.993	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	28.56	276	75726m	2.097	ng/ul
93) Benzo(g,h,i)perylene	29.69	276	64979m	2.123	ng/ul

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