

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:08:42 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

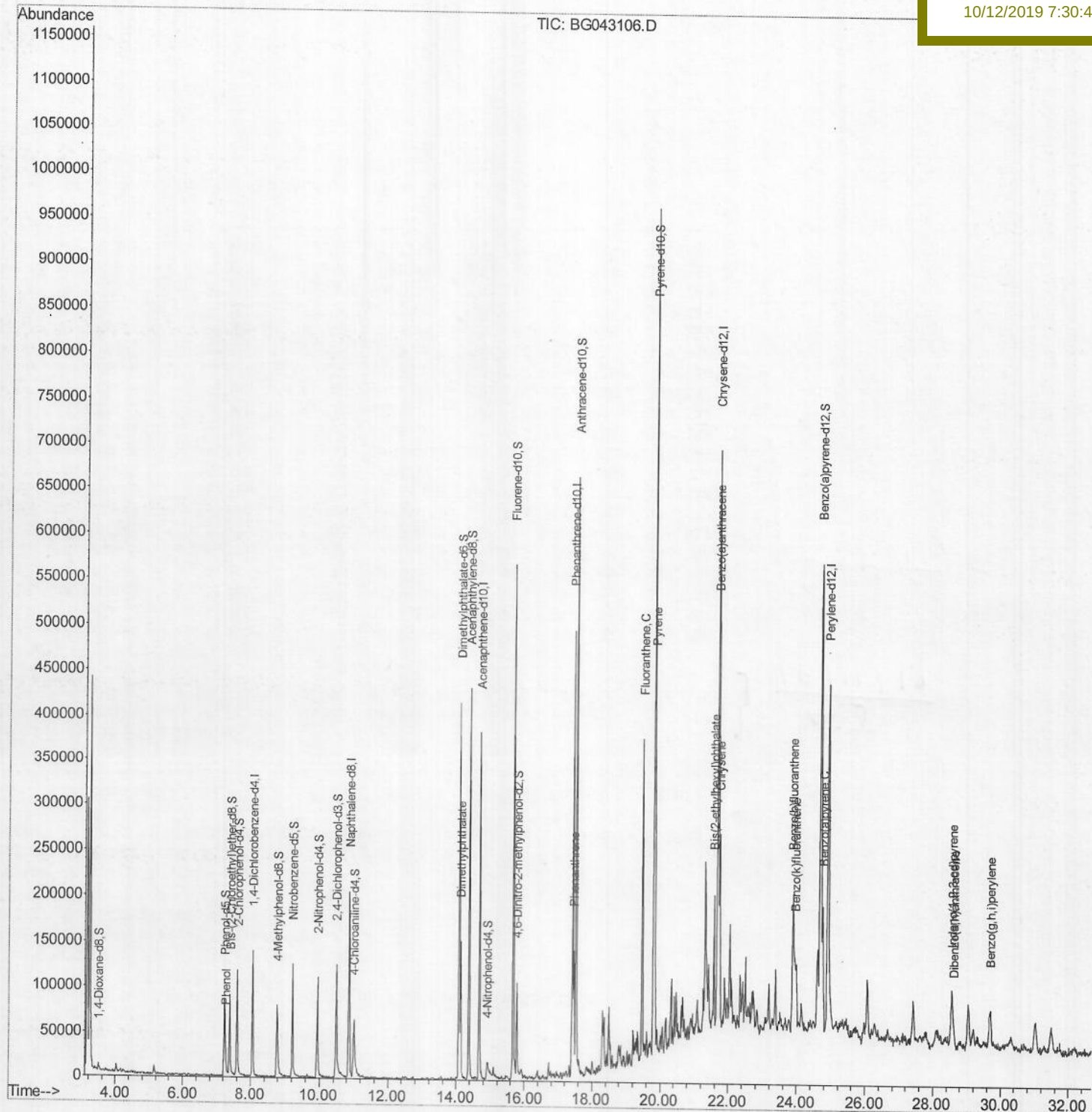
Response via : Initial Calibration

Instrument :

BNA_G

Client Sampled :

BEP83

Manual Integrations
APPROVEDmohammad
10/12/2019 7:30:43 AM

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

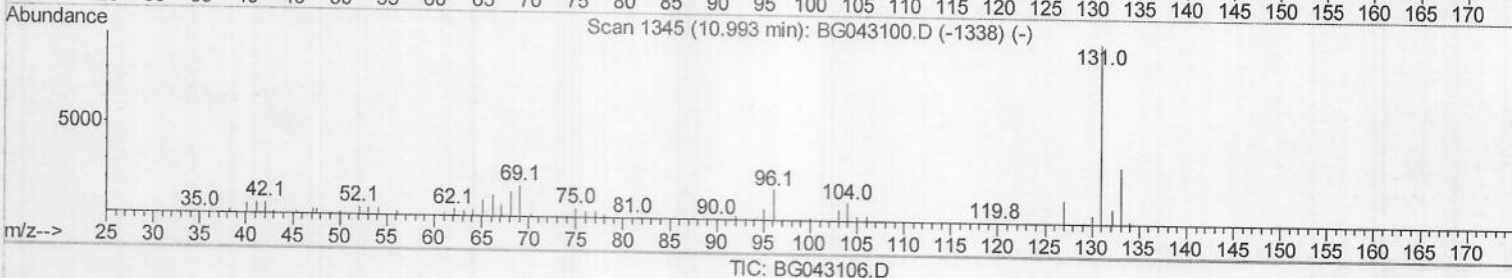
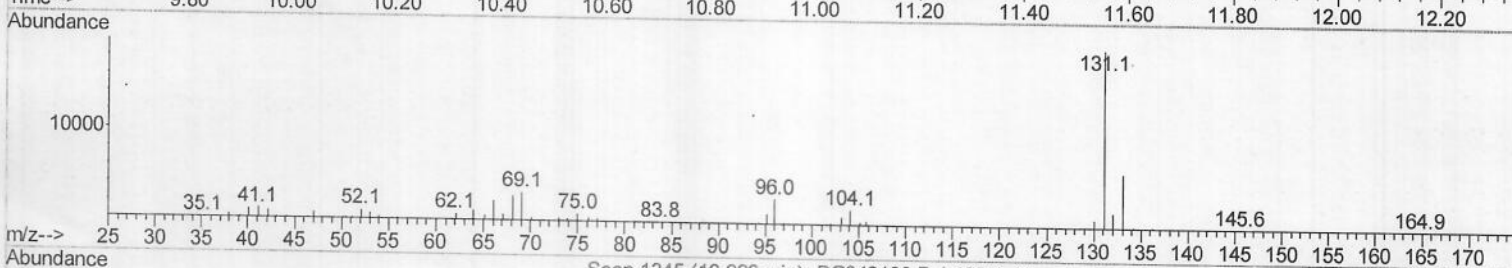
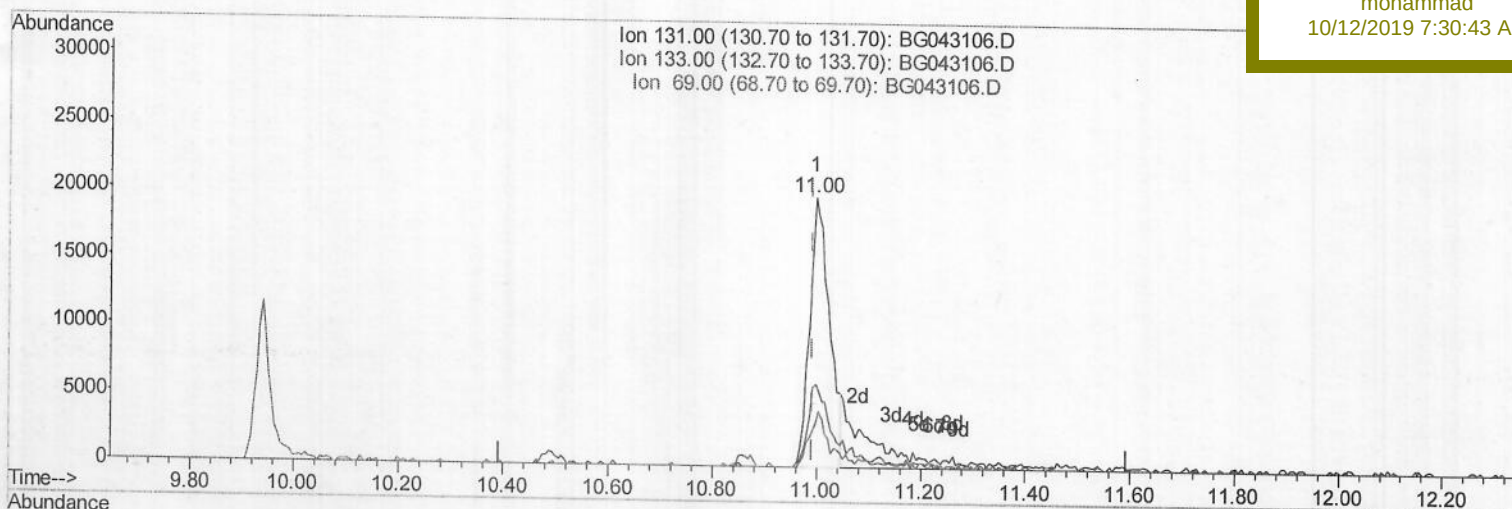
BEP83

Manual Integrations

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mohammad

10/12/2019 7:30:43 AM



(29) 4-Chloroaniline-d4 (S)

10.998min (+0.004) 15.72ng/ul

response 51624

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	30.47
69.00	17.60	16.56
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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

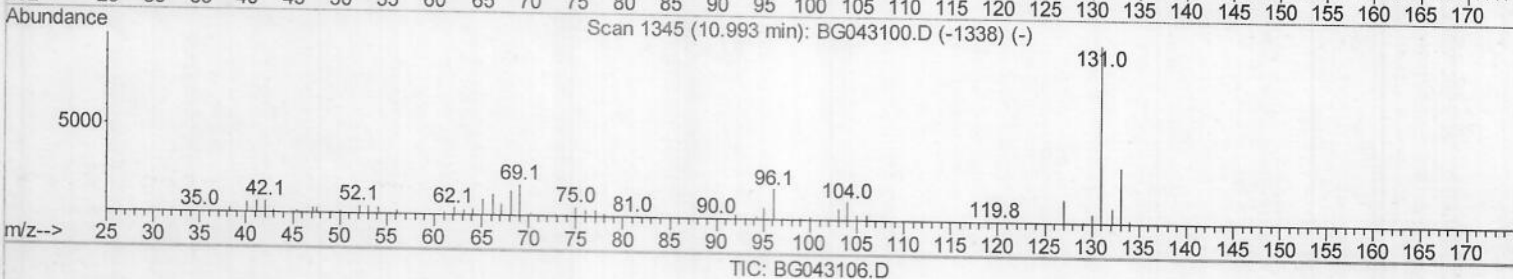
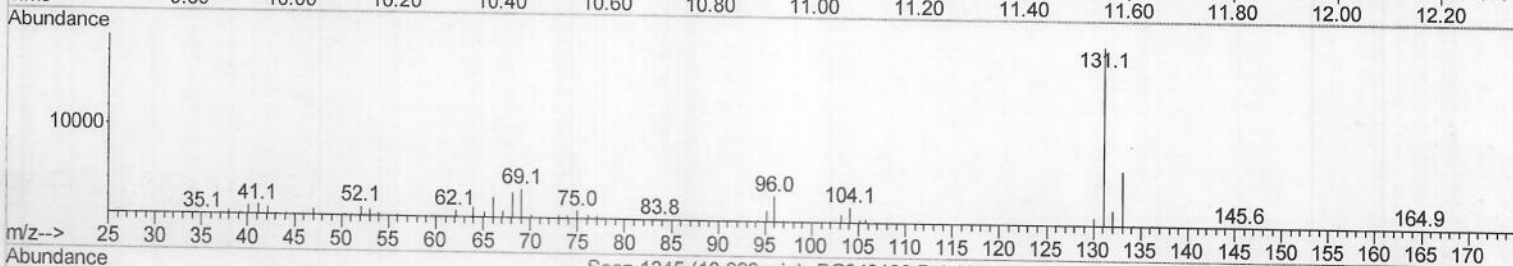
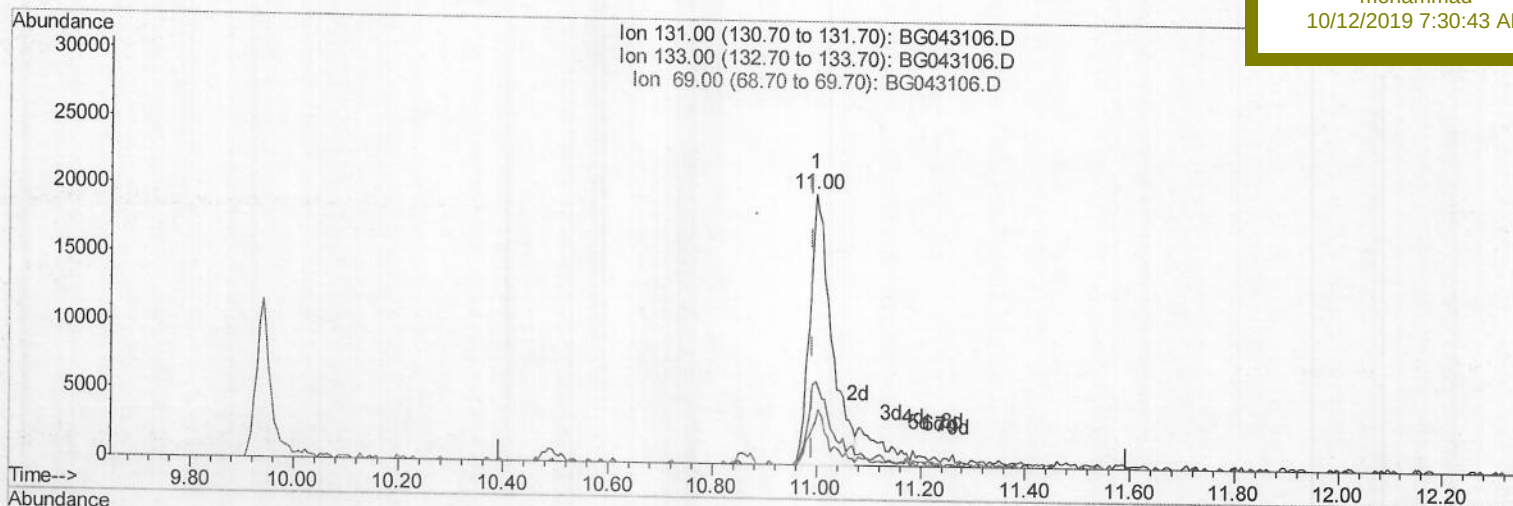
Response via : Initial Calibration

Instrument :

BNA_G

ClientSampleId :

BEP83

Manual Integrations
APPROVEDmohammad
10/12/2019 7:30:43 AM

(29) 4-Chloroaniline-d4 (S)

10.998min (+0.004) 17.52ng/ul m

response 57524

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	30.47
69.00	17.60	16.56
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

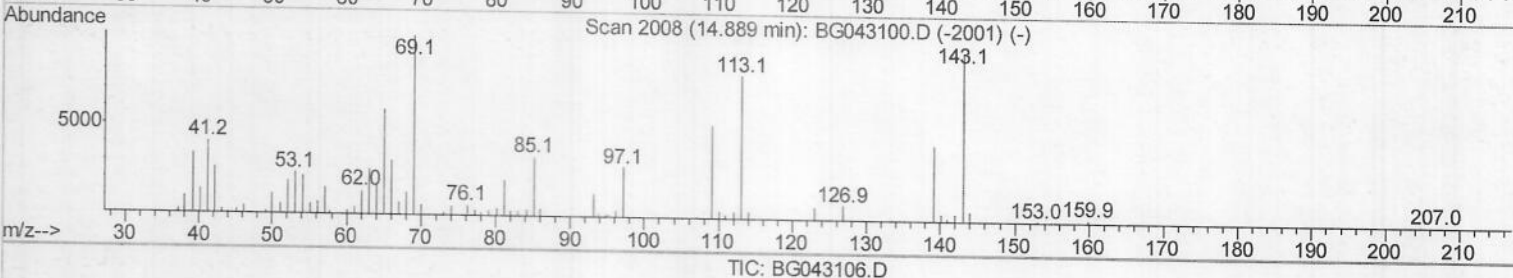
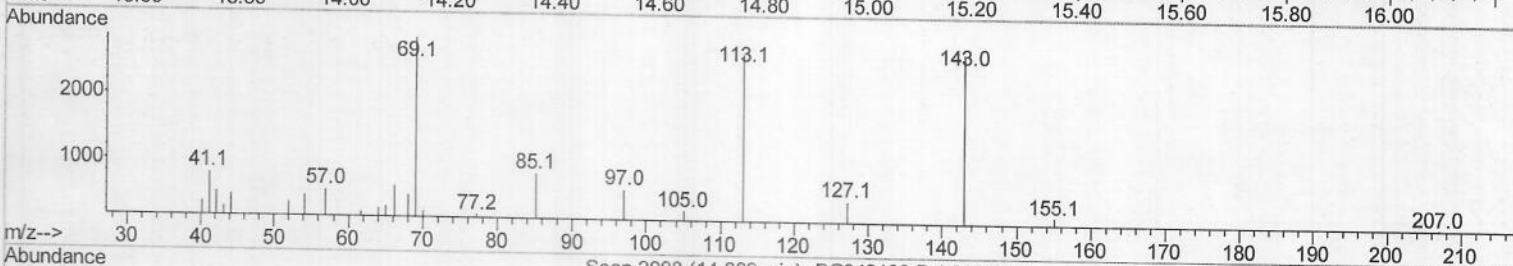
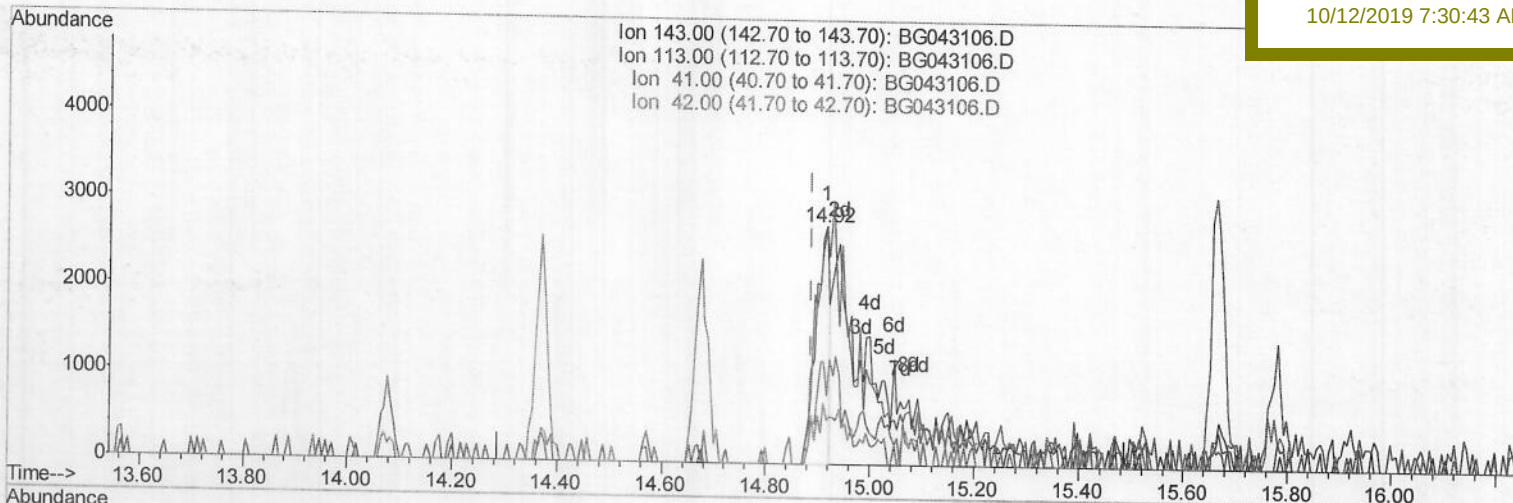
BEP83

Manual Integrations

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mohammad

10/12/2019 7:30:43 AM



TIC: BG043106.D

(51) 4-Nitrophenol-d4 (S)

14.916min (+0.028) 3.32ng/ul

response 5013

Ion	Exp%	Act%
143.00	100	100
113.00	84.80	98.53
41.00	42.80	29.12#
42.00	28.10	18.85#

Quantitation Report (Qedit)

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

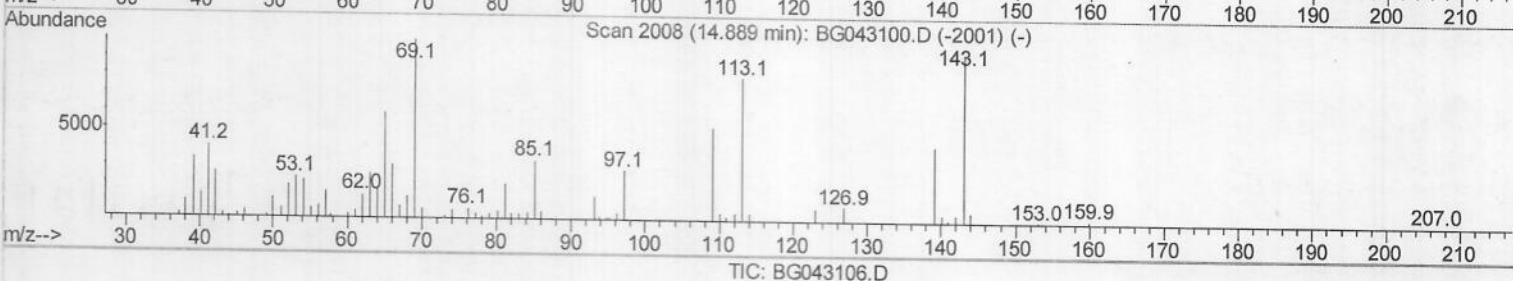
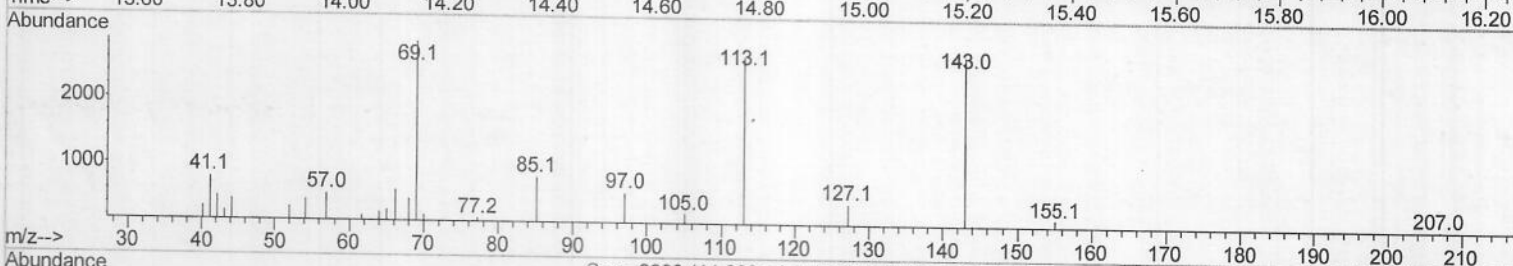
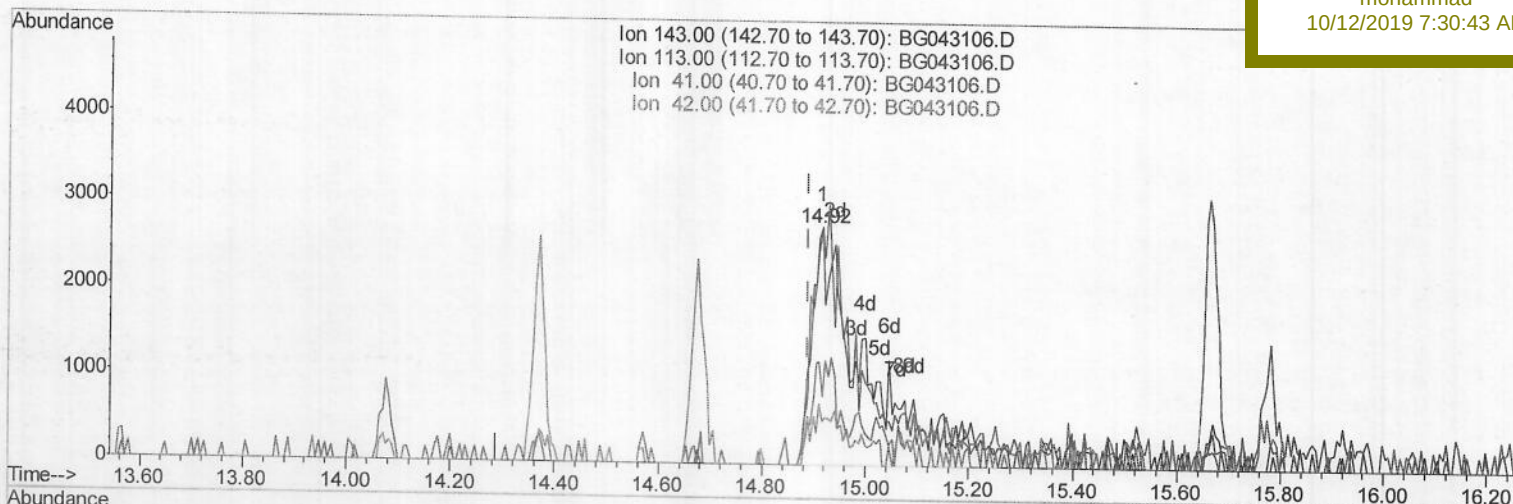
BEP83

Manual Integrations

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mohammad

10/12/2019 7:30:43 AM



TIC: BG043106.D

(51) 4-Nitrophenol-d4 (S)

14.916min (+0.028) 13.29ng/ul m

response 20079

Ion	Exp%	Act%
143.00	100	100
113.00	84.80	98.53
41.00	42.80	29.12#
42.00	28.10	18.85#

8 JU 201 11/19

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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

ClientSampled :

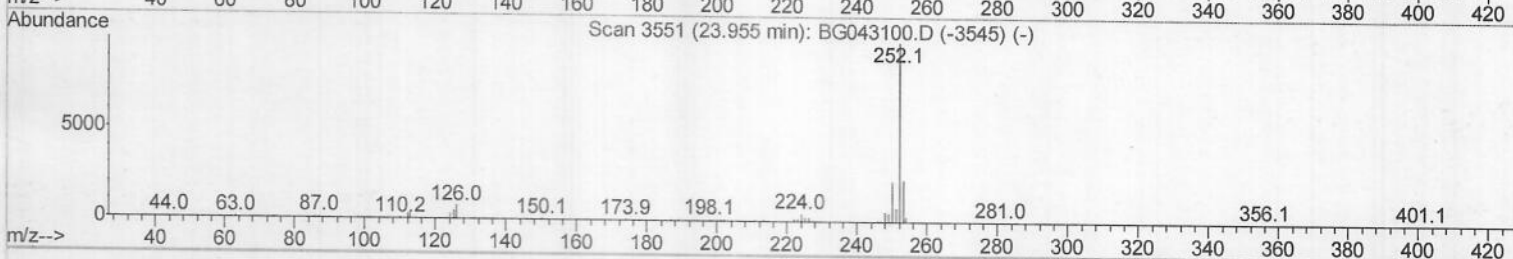
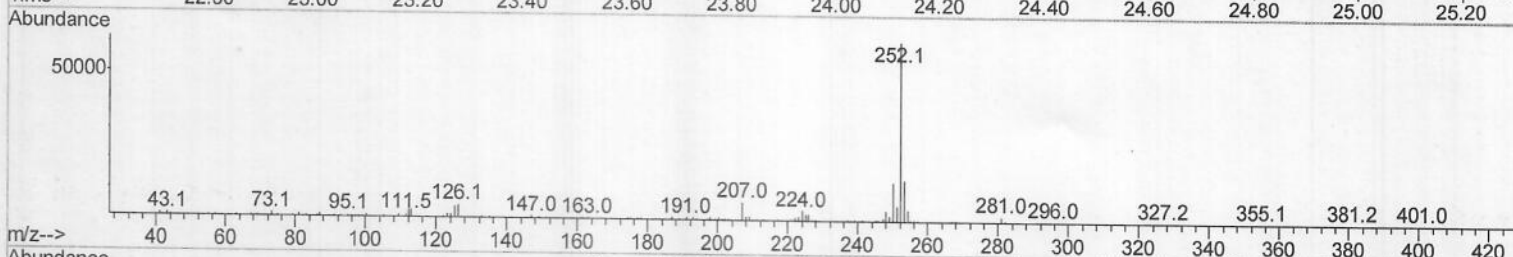
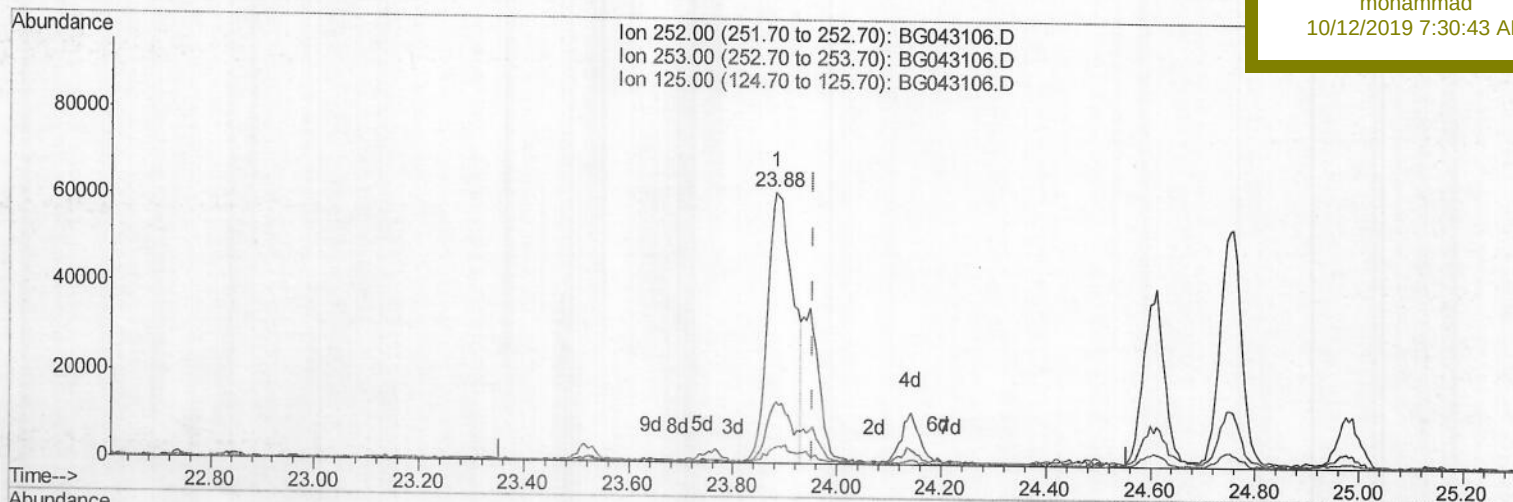
BEP83

Manual Integrations

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10/12/2019 7:30:43 AM



(88) Benzo(k)fluoranthene

23.882min (-0.072) 8.45ng/ul

response 211723

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	22.78
125.00	5.50	6.09
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

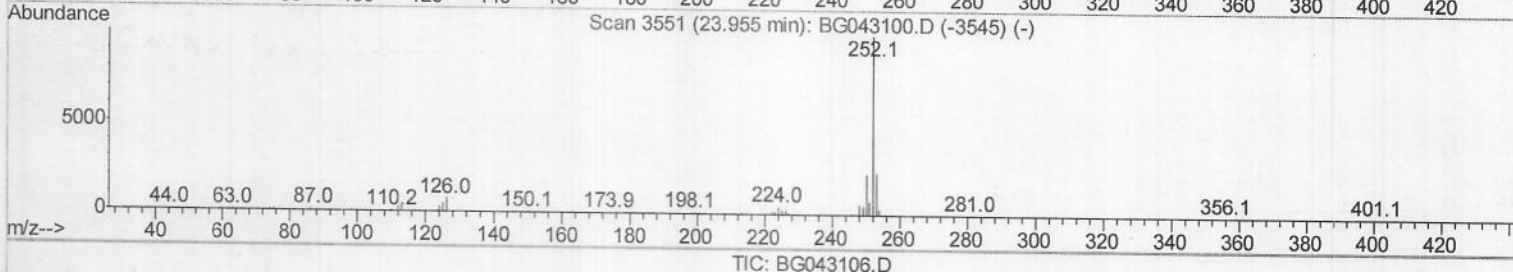
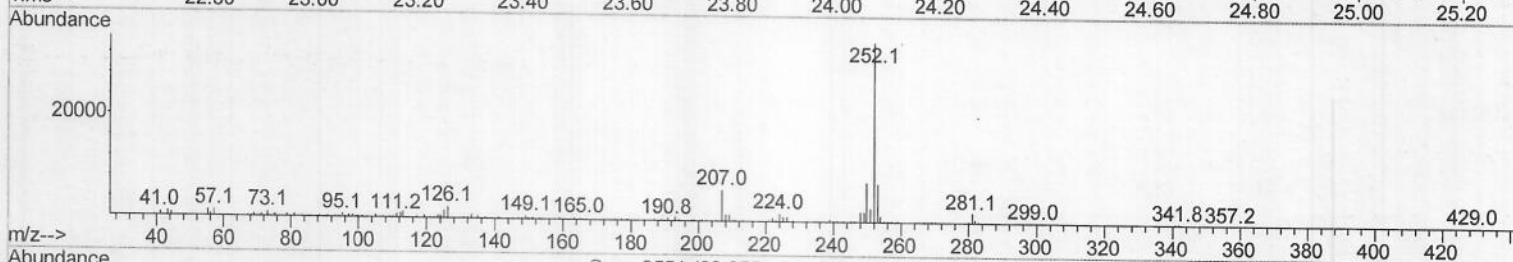
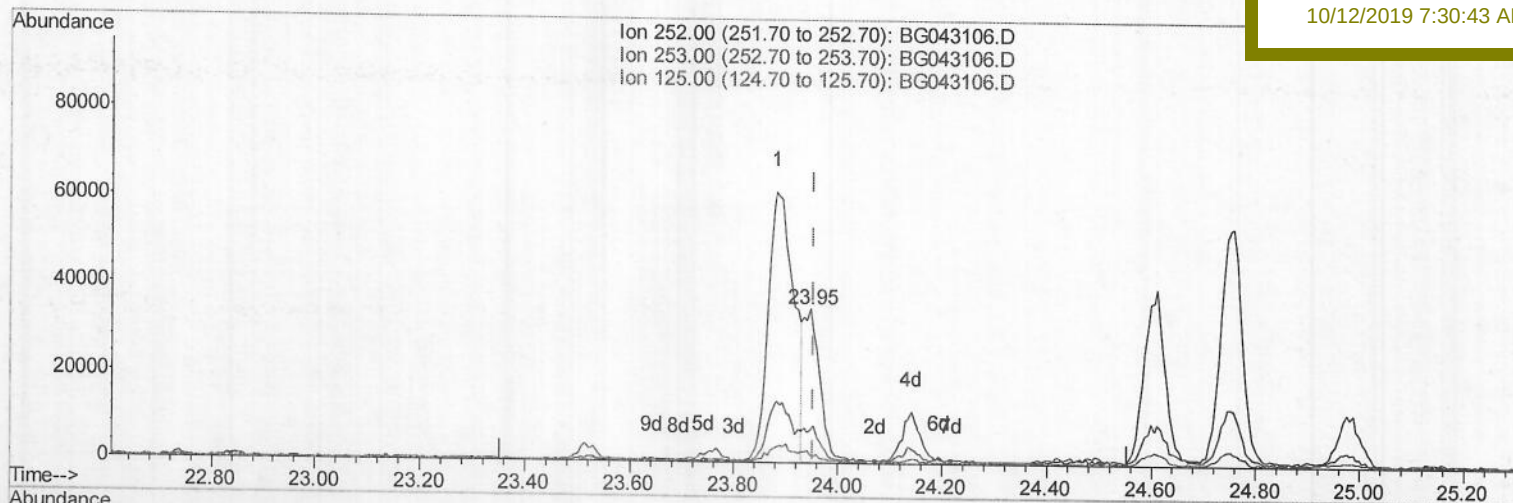
BEP83

Manual Integrations

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10/12/2019 7:30:43 AM



(88) Benzo(k)fluoranthene

23.947min (-0.008) 2.98ng/ul m

response 74745

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	21.31
125.00	5.50	4.51
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

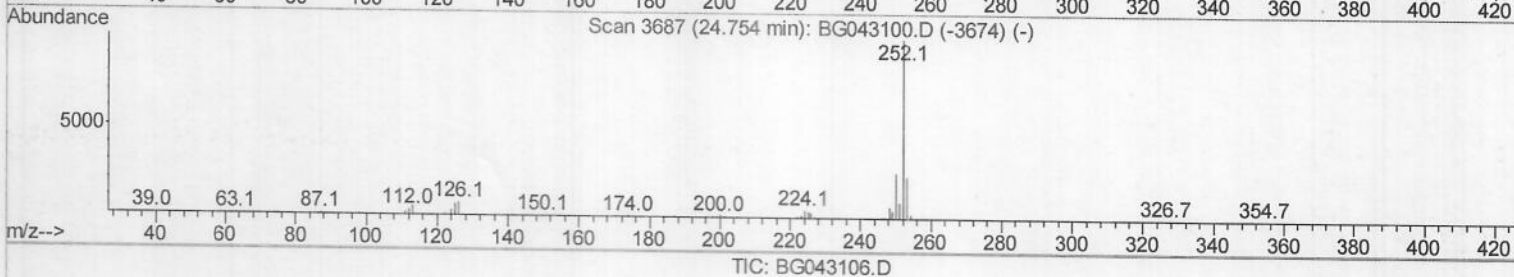
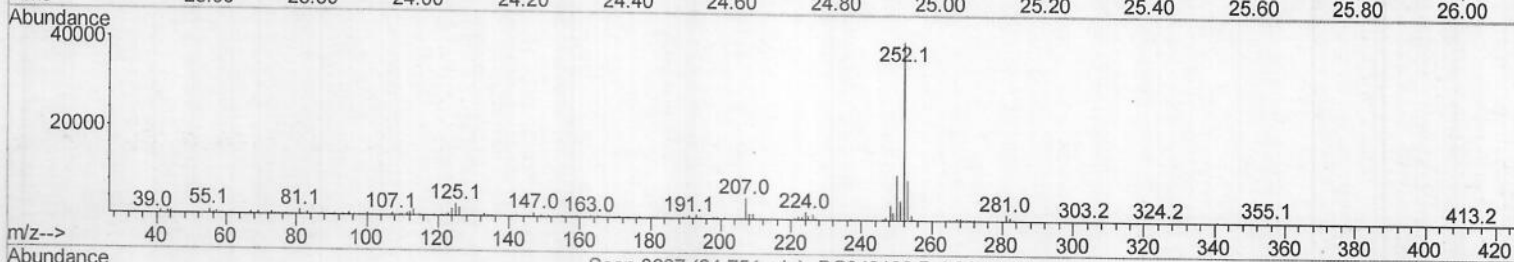
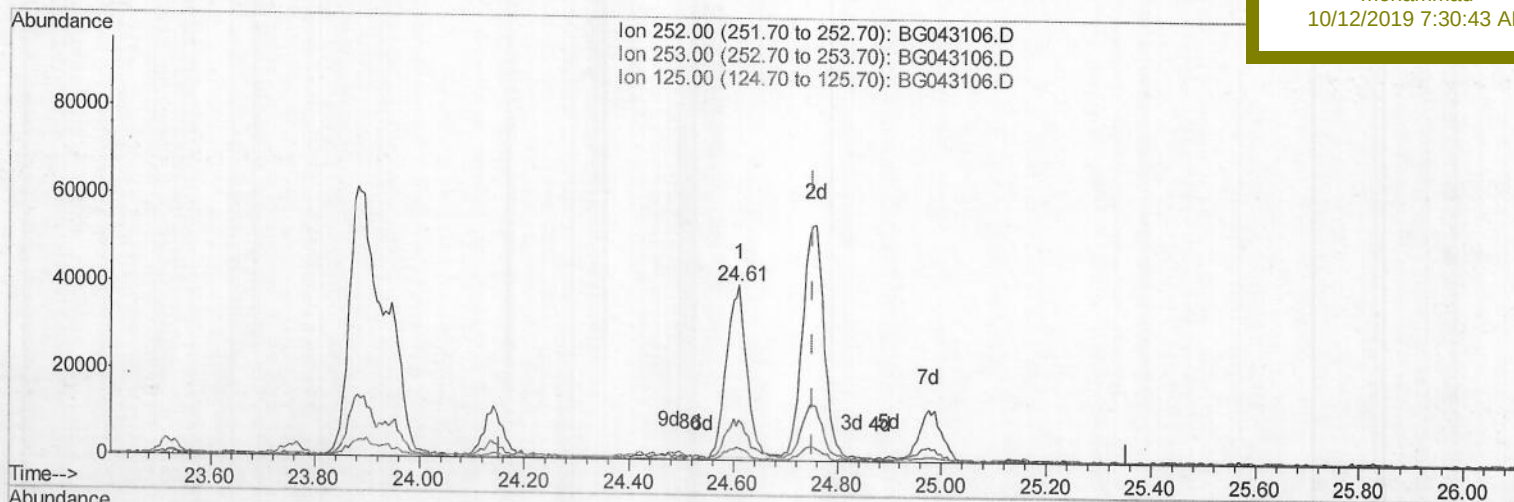
BEP83

Manual Integrations

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10/12/2019 7:30:43 AM



(90) Benzo(a)pyrene (C)

24.611min (-0.143) 4.43ng/ul

response 108715

Ion	Exp%	Act%
252.00	100	100
253.00	23.60	22.72
125.00	6.60	7.01
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

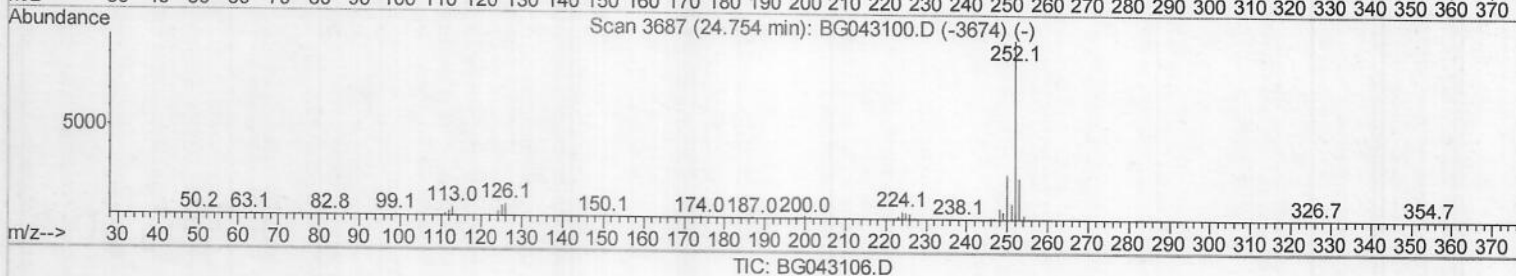
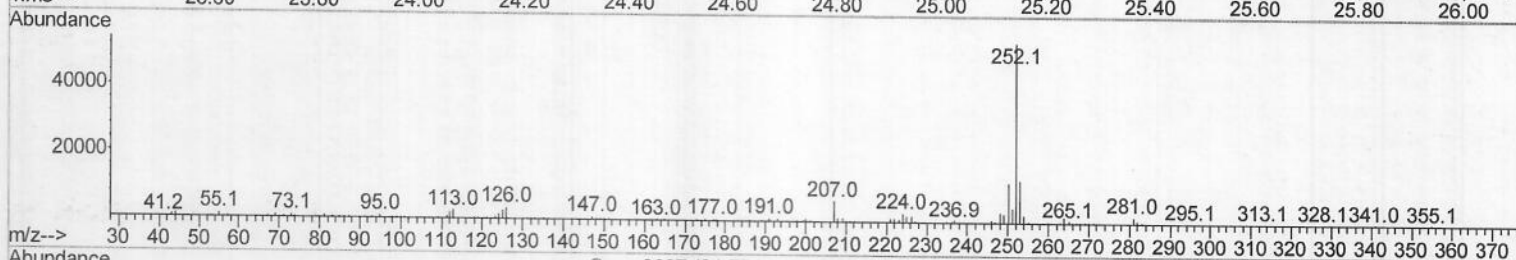
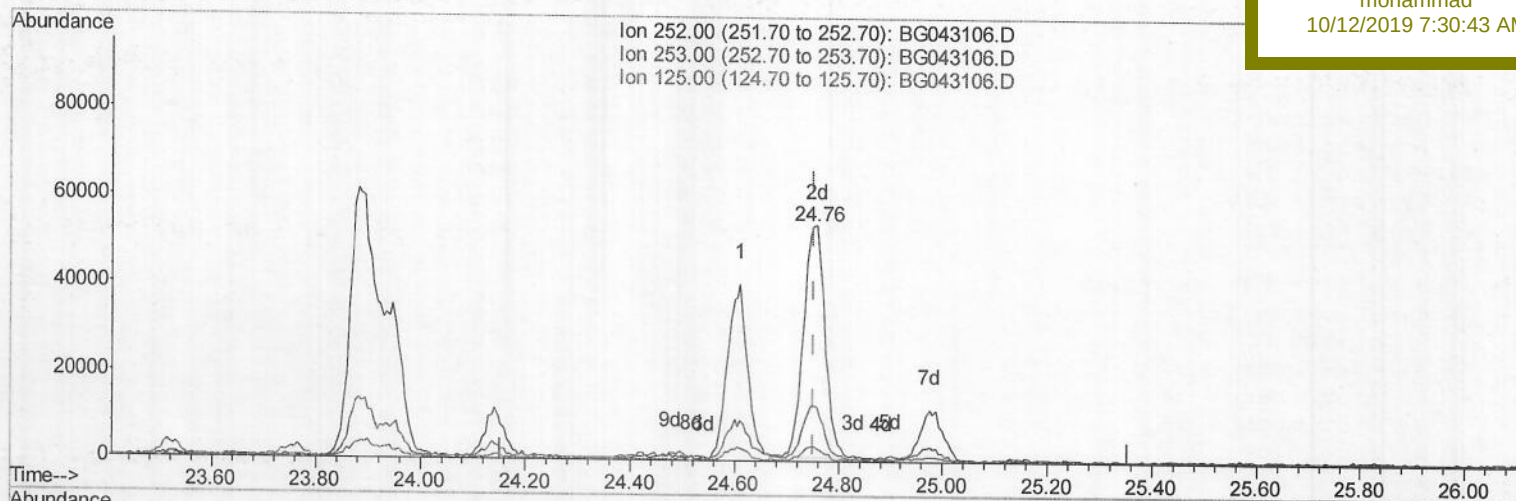
BEP83

Manual Integrations

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10/12/2019 7:30:43 AM



(90) Benzo(a)pyrene (C)

24.758min (+0.004) 6.19ng/ul m

response 151951

Ion	Exp%	Act%
252.00	100	100
253.00	23.60	23.27
125.00	6.60	5.15#
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

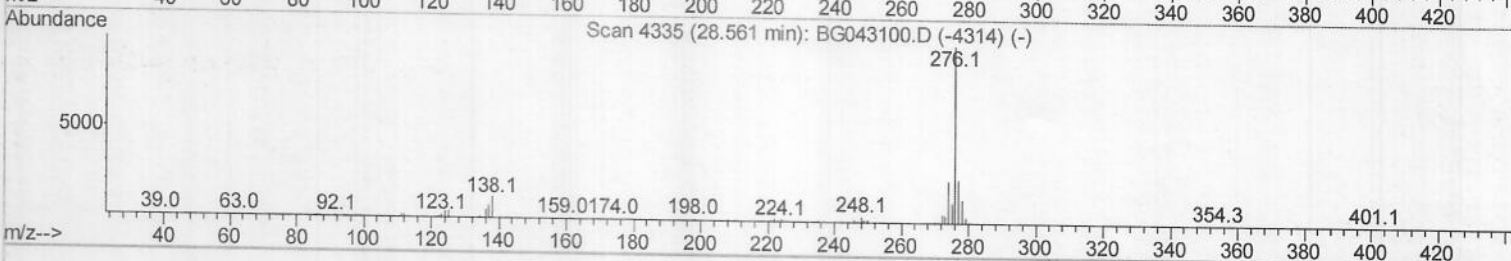
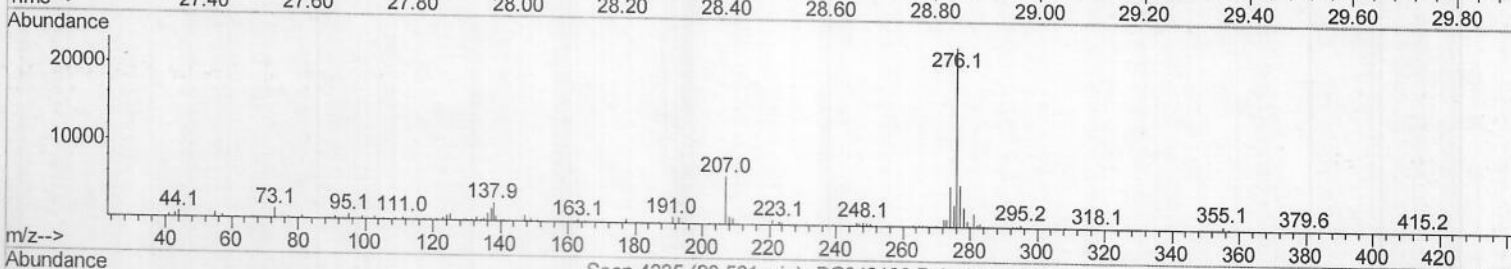
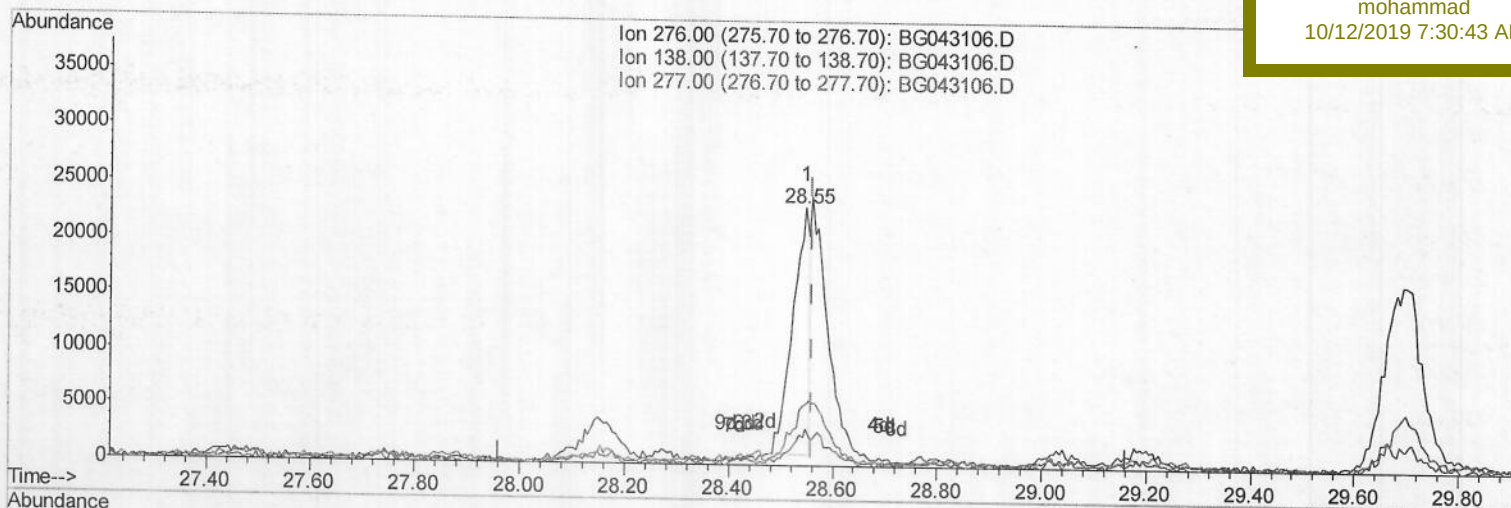
BEP83

Manual Integrations

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10/12/2019 7:30:43 AM



TIC: BG043106.D

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

28.548min (-0.013) 1.64ng/ul

response 48734

Ion	Exp%	Act%
276.00	100	100
138.00	11.50	14.05#
277.00	23.80	23.74
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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

ClientSampled :

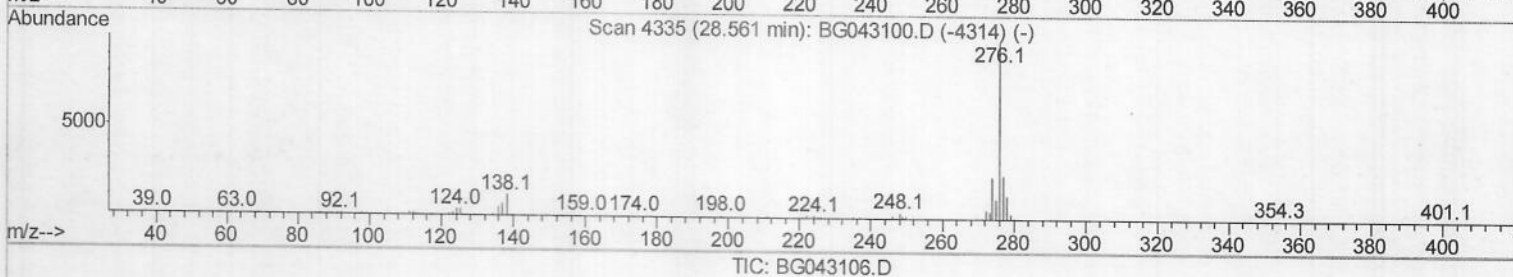
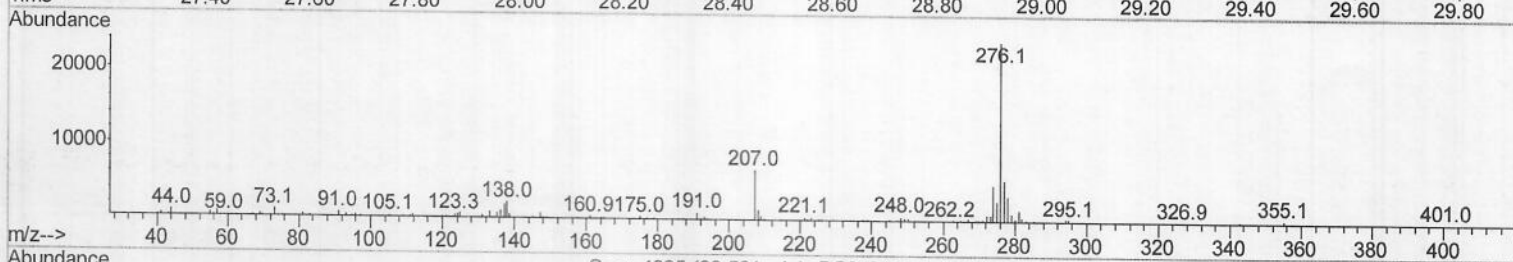
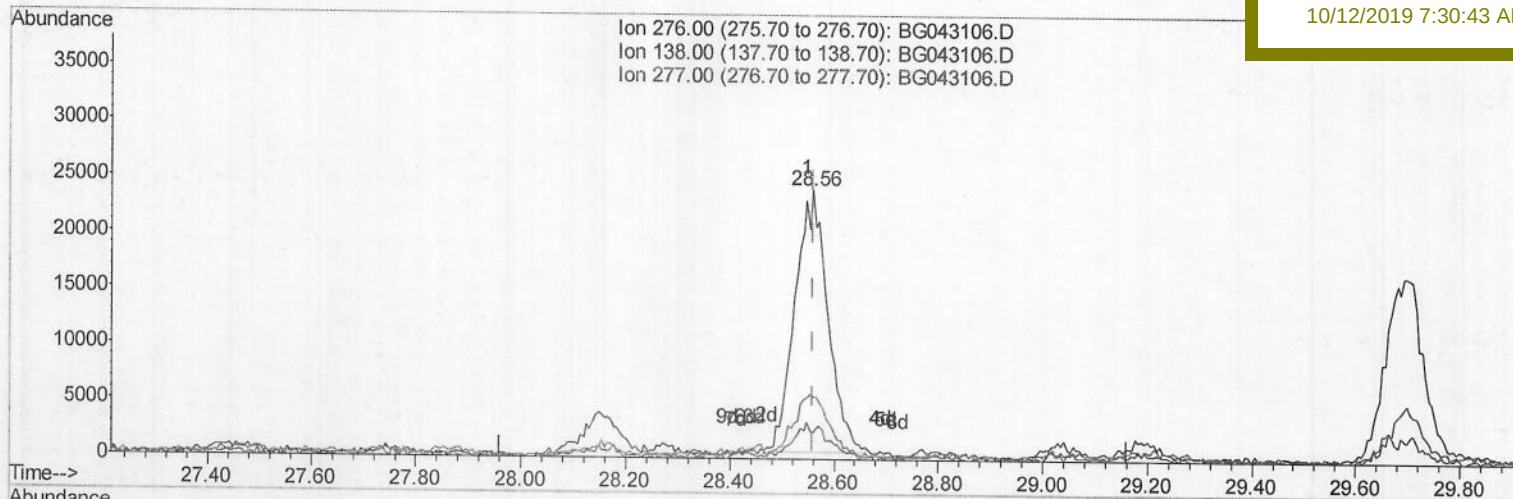
BEP83

Manual Integrations

APPROVED

mohammad

10/12/2019 7:30:43 AM



TIC: BG043106.D

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

28.559min (-0.002) 3.41ng/ul m

response 101436

Ion Exp% Act%

276.00 100 100

138.00 11.50 9.44

277.00 23.80 23.42

0.00 0.00 0.00

Quantitation Report (Qedit)

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

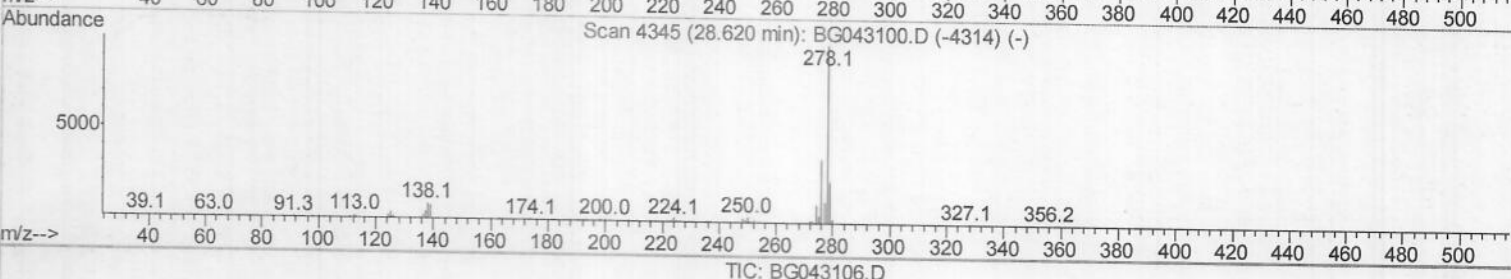
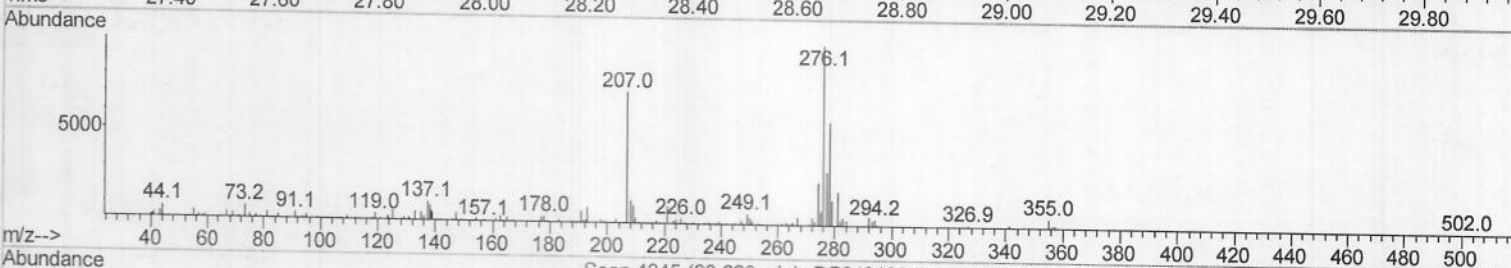
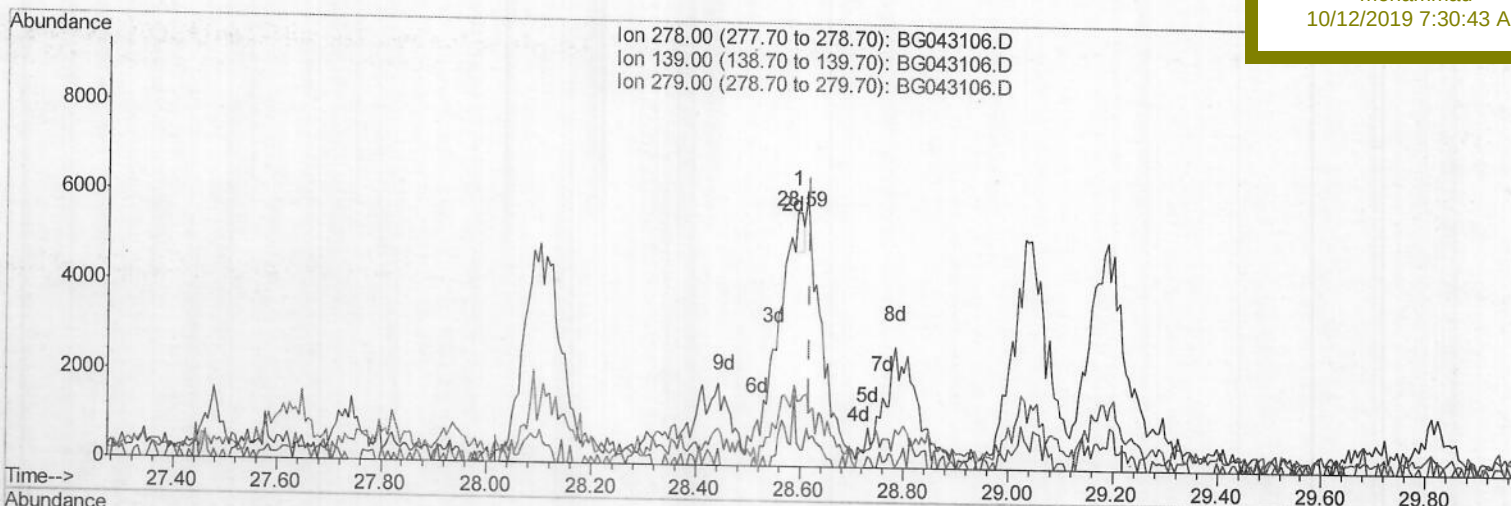
BEP83

Manual Integrations

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mohammad

10/12/2019 7:30:43 AM



(92) Dibenzo(a,h)anthracene

28.595min (-0.025) 0.03ng/ul

response 840

Ion	Exp%	Act%
278.00	100	100
139.00	7.90	9.41
279.00	23.60	25.96
0.00	0.00	0.00

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

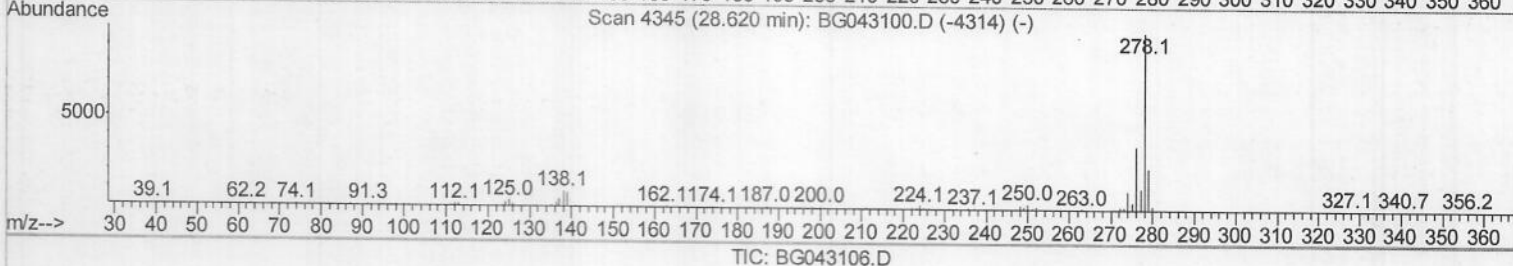
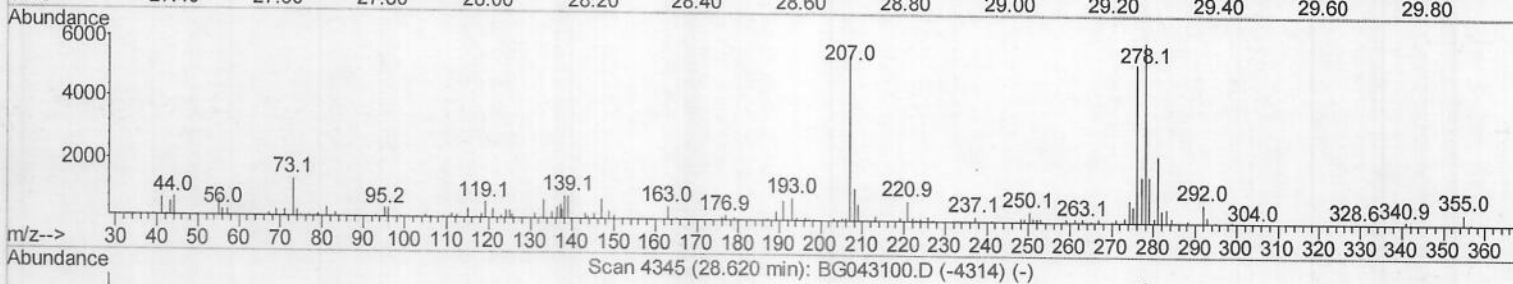
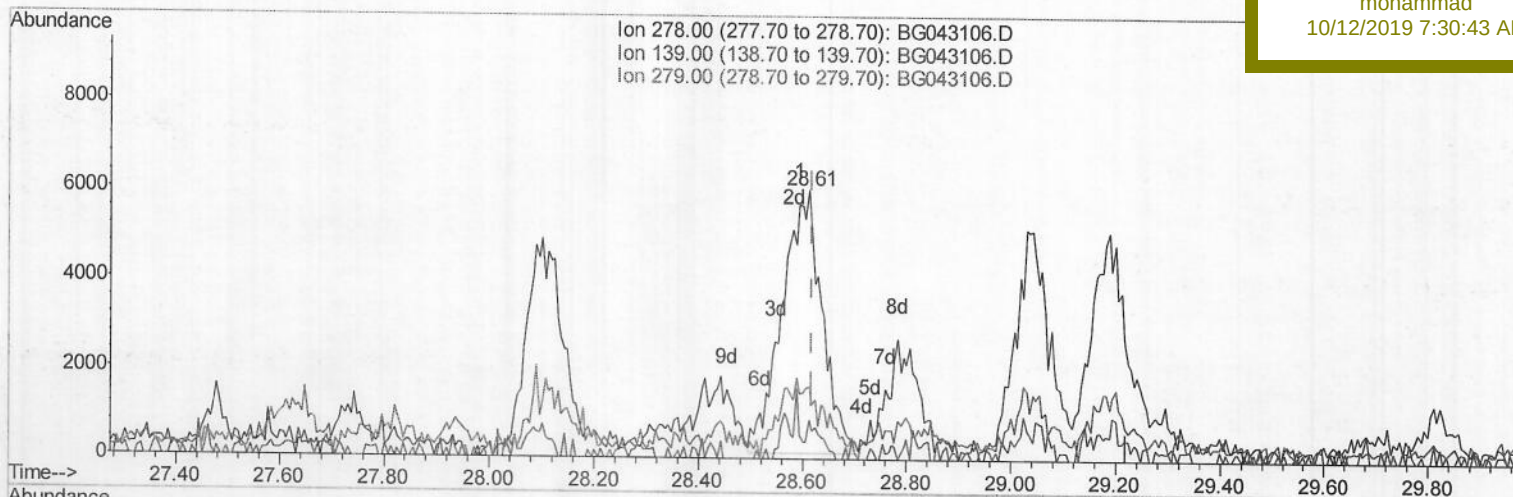
BEP83

Manual Integrations

APPROVED

mohammad

10/12/2019 7:30:43 AM



(92) Dibenzo(a,h)anthracene

28.612min (-0.008) 1.24ng/ul m

response 31420

Ion	Exp%	Act%
278.00	100	100
139.00	7.90	14.78#
279.00	23.60	27.08
0.00	0.00	0.00

y JU 20/11/19

Quantitation Report (Qedit)

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

Data File : BG043106.D

Acq On : 9 Oct 2019 17:08

Operator : JU

Sample : K5175-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :

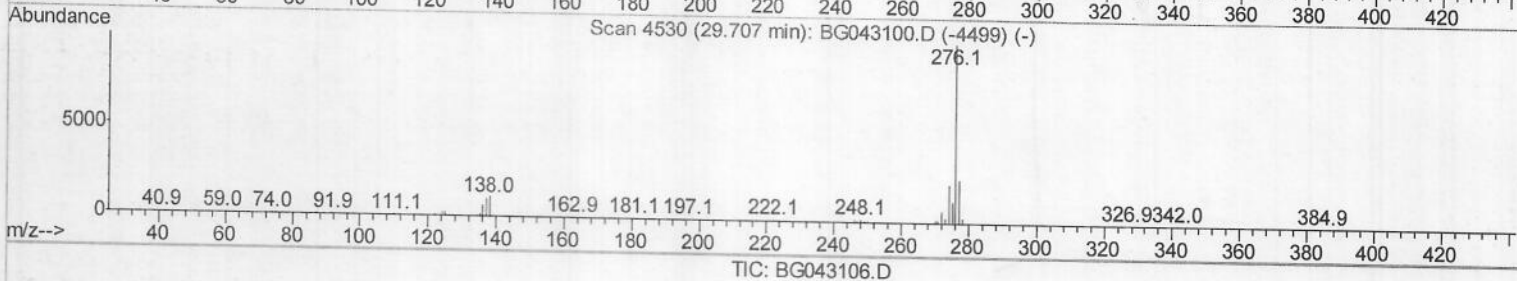
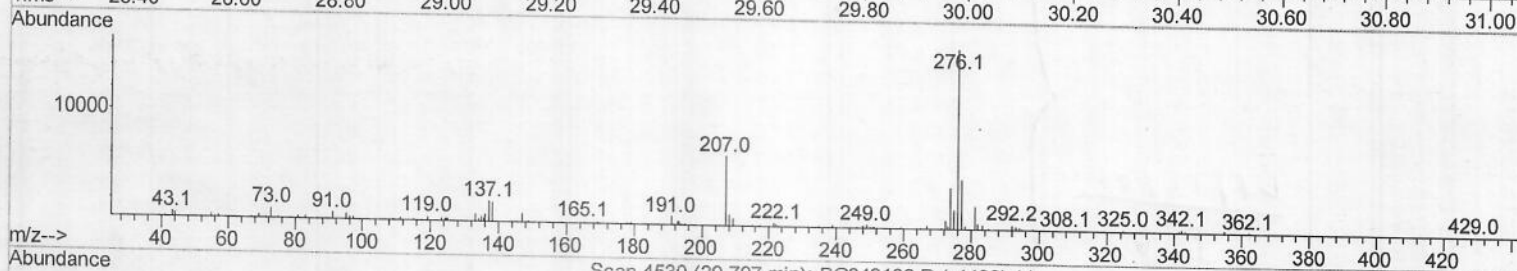
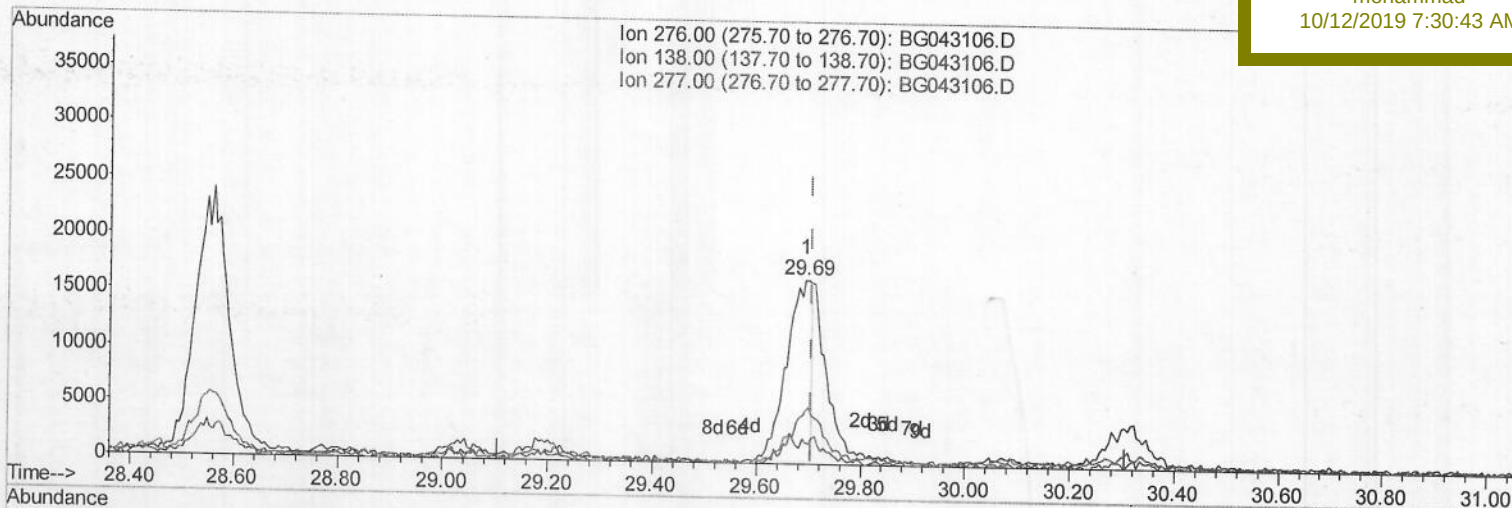
BEP83

Manual Integrations

APPROVED

mohammad

10/12/2019 7:30:43 AM



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

29.693min (-0.013) 2.18ng/ul

response 54917

Ion	Exp%	Act%
276.00	100	100
138.00	10.90	11.88
277.00	23.90	28.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

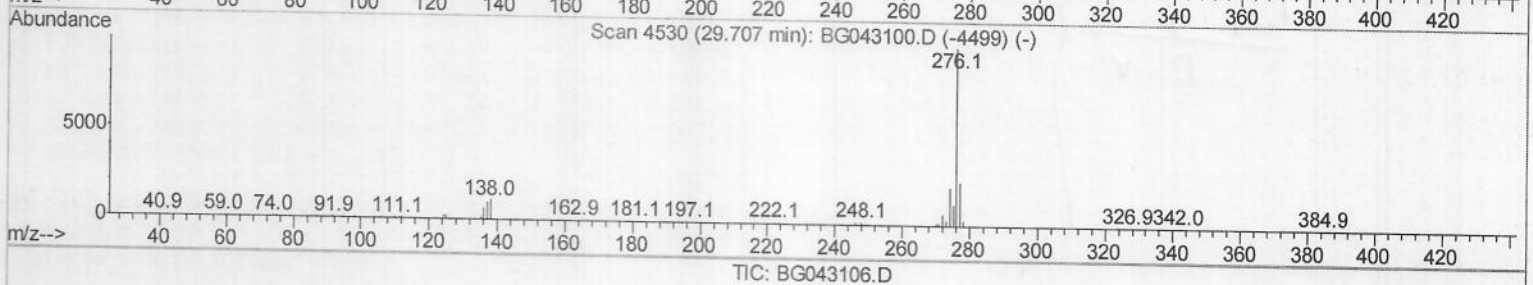
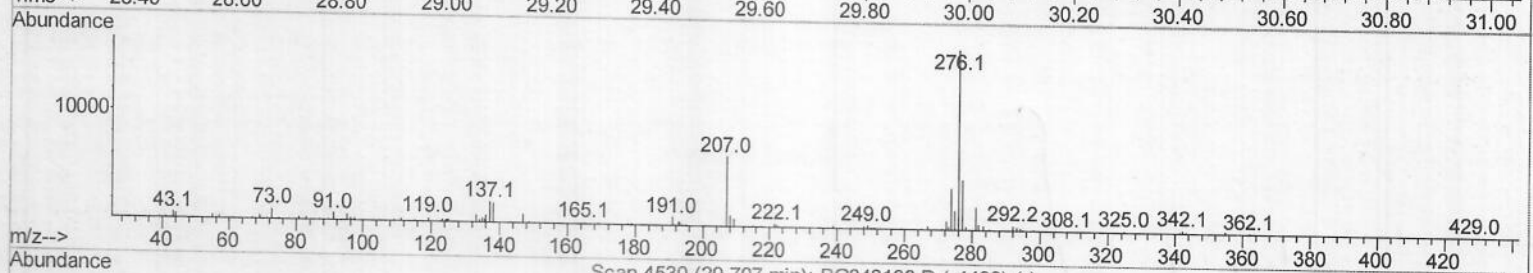
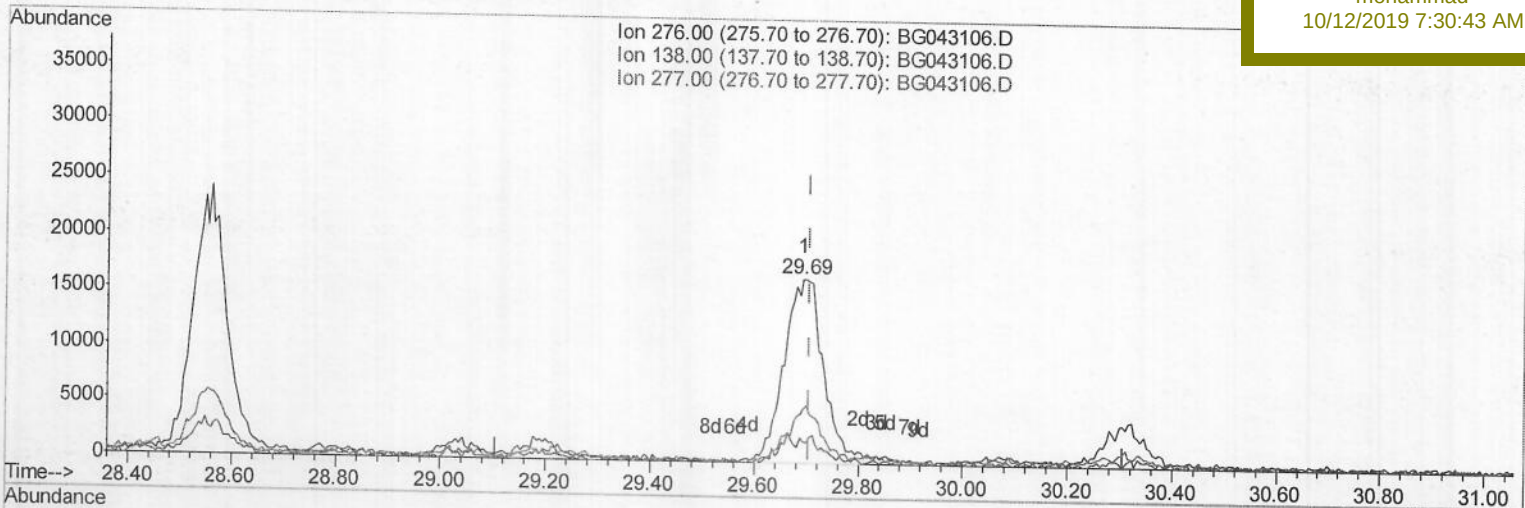
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043106.D
 Acq On : 9 Oct 2019 17:08
 Operator : JU
 Sample : K5175-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:02:08 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 :
 BEP83

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:30:43 AM



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

29.693min (-0.013) 3.47ng/ul m

~ JU 20/11/19

response 87527

Ion	Exp%	Act%
276.00	100	100
138.00	10.90	11.88
277.00	23.90	28.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
 Data File : BG043106.D
 Acq On : 9 Oct 2019 17:08
 Operator : JU
 Sample : K5175-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 10 00:08:42 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 :
 BEP83

Manual Integrations
 APPROVED

mohammad
 10/12/2019 7:30:43 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45276	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	187867	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	141751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	326487	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	359933	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	431022	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	4205	4.49	ng/uL	0.00
5) Phenol-d5	7.23	99	69492	20.76	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.38	67	46447	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	63033	23.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	43653	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	34286	25.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	41779	27.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	67481	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	57524m	17.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	308075	27.03	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	335039	27.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.92	143	20079m	13.29	ng/ul	0.03
57) Fluorene-d10	15.67	176	262891	27.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	32029	15.29	ng/ul	0.00
70) Anthracene-d10	17.52	188	437137	28.34	ng/ul	0.00
78) Pyrene-d10	19.80	212	536731	30.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	630337	29.59	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.26	94	3828	1.120	ng/ul#	55
44) Dimethylphthalate	14.12	163	106526	9.678	ng/ul	98
69) Phenanthrene	17.46	178	88129	5.229	ng/ul	99
76) Fluoranthene	19.47	202	254179	11.822	ng/ul	99
79) Pyrene	19.83	202	251673	11.369	ng/ul	98
82) Benzo(a)anthracene	21.67	228	163459	6.787	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	56298	4.709	ng/ul	97
84) Chrysene	21.73	228	165816	7.316	ng/ul	99
87) Benzo(b)fluoranthene	23.88	252	211723	8.254	ng/ul	96
88) Benzo(k)fluoranthene	23.95	252	74745m	2.982	ng/ul	
90) Benzo(a)pyrene	24.76	252	151951m	6.189	ng/ul	
91) Indeno(1,2,3-cd)pyrene	28.56	276	101436m	3.409	ng/ul	
92) Dibenzo(a,h)anthracene	28.61	278	31420m	1.244	ng/ul	
93) Benzo(a,h,i)perylene	29.69	276	87527m	3.470	ng/ul	

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