

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 21:21:58 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

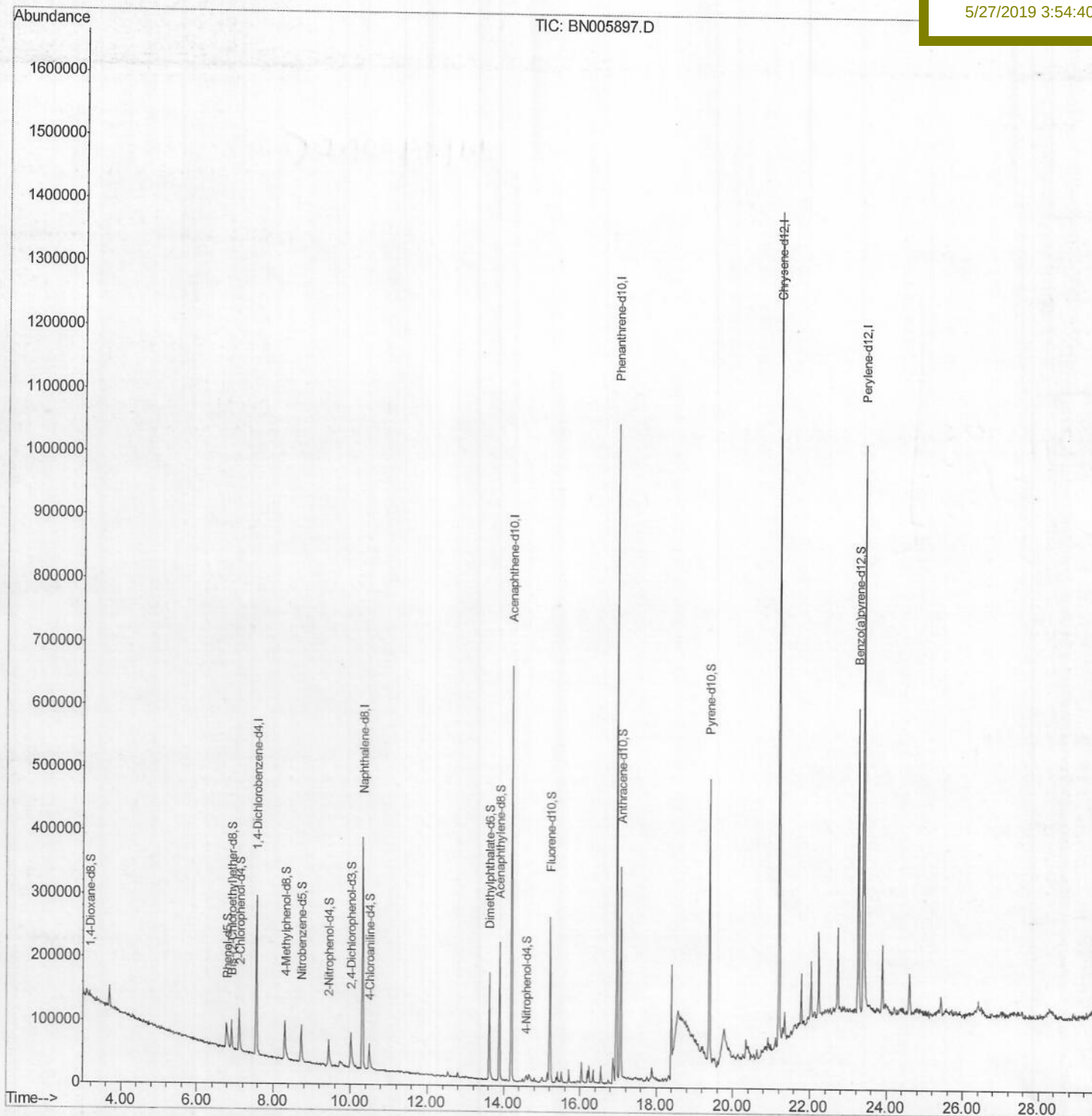
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

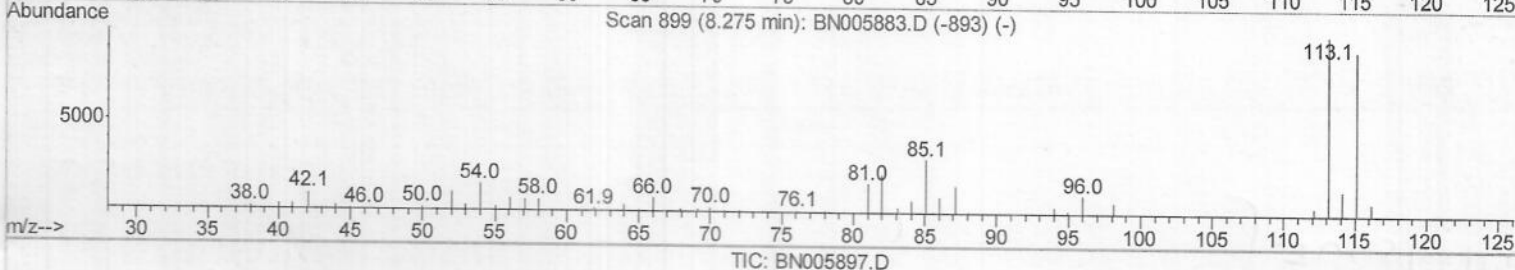
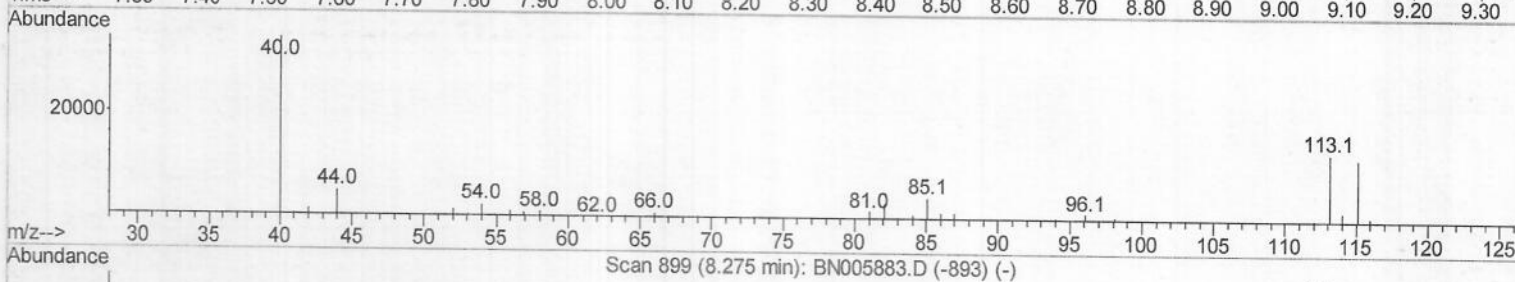
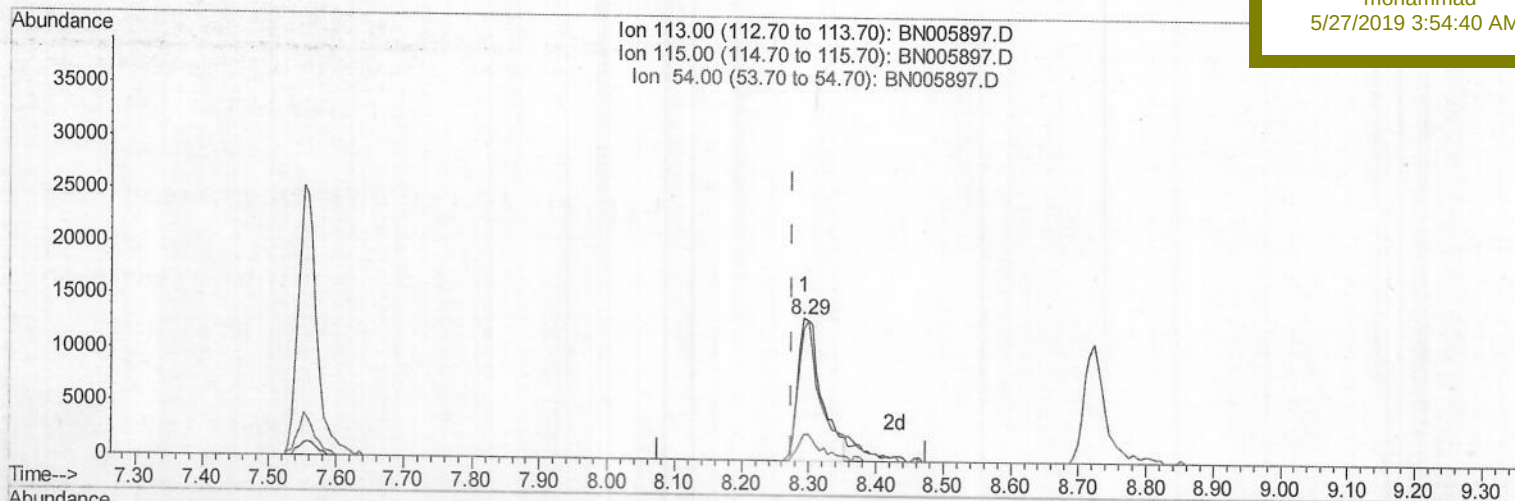
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

(13) 4-Methylphenol-d8 (S)

8.293min (+0.018) 6.43ng/ul

response 32457

Ion	Exp%	Act%
113.00	100	100
115.00	94.30	92.08
54.00	14.80	18.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

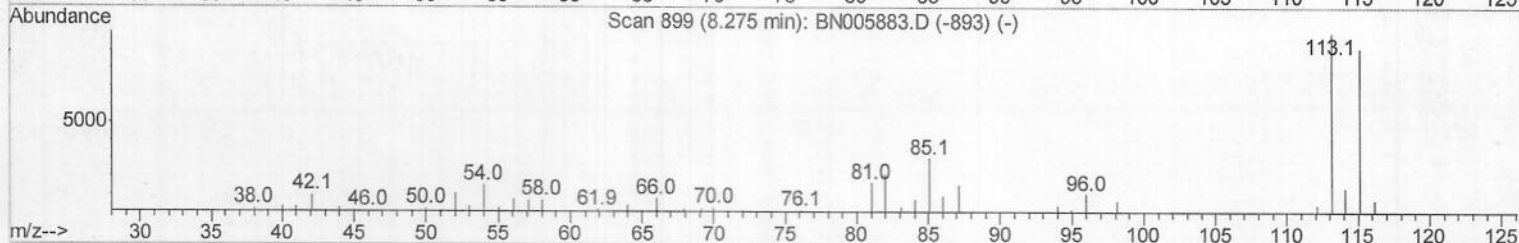
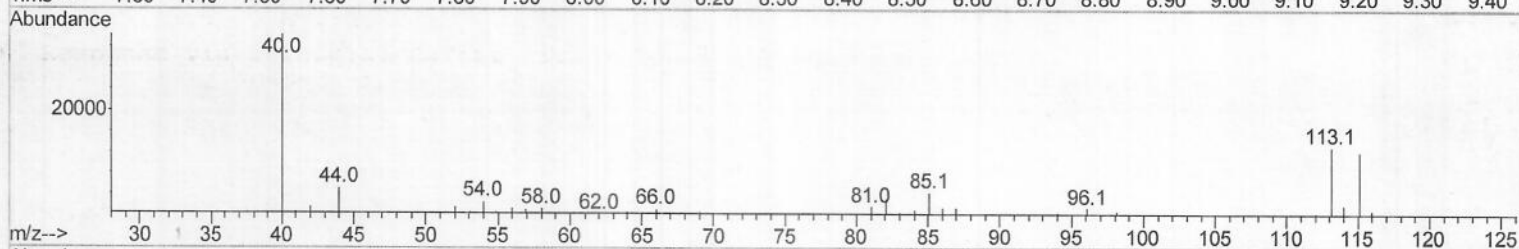
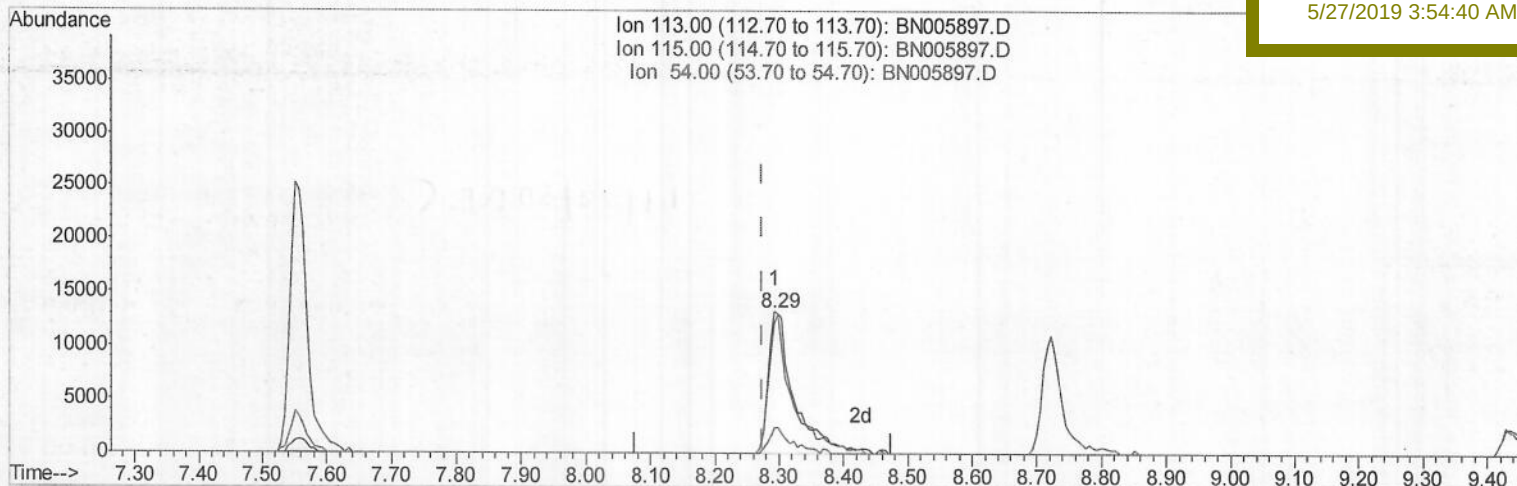
A4247RX

Manual Integrations

APPROVED

mohammad

5/27/2019 3:54:40 AM



TIC: BN005897.D

(13) 4-Methylphenol-d8 (S)

8.293min (+0.018) 7.37ng/ul m

response 37175

Ion Exp% Act%

113.00 100 100

115.00 94.30 92.08

54.00 14.80 18.53#

0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

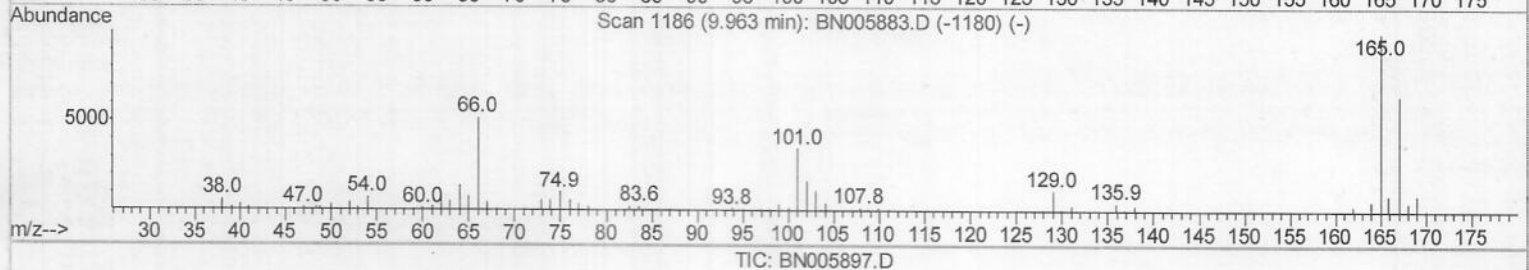
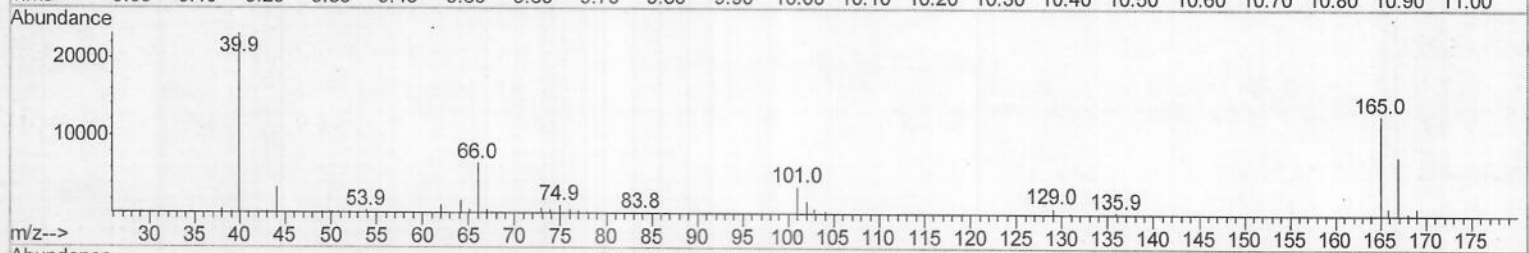
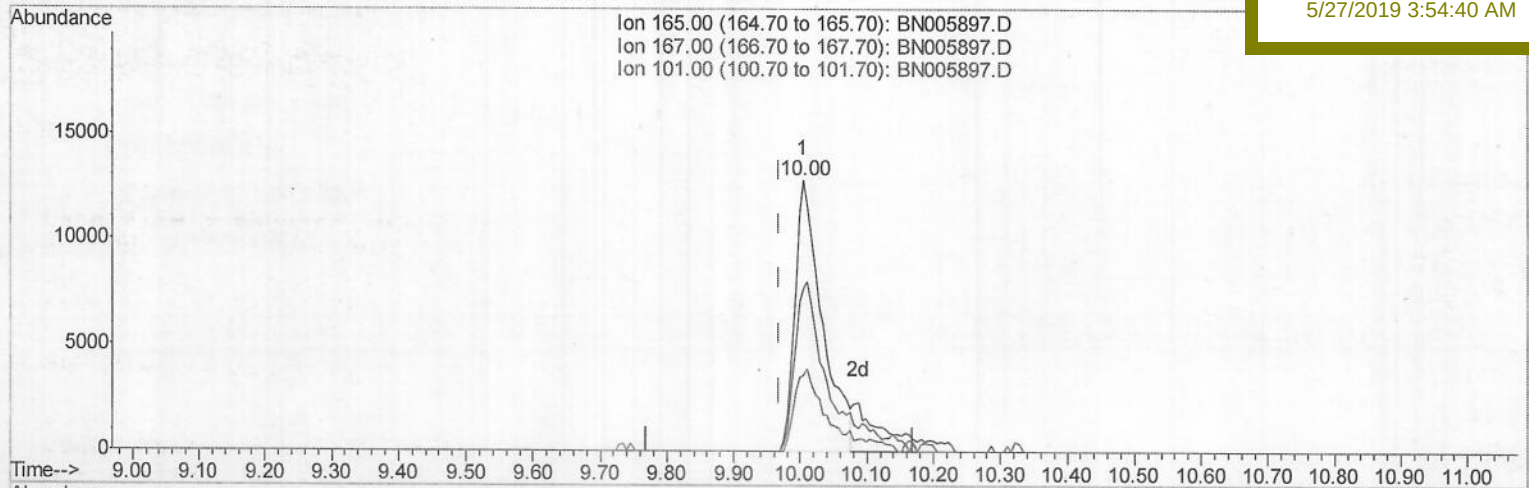
A4247RX

Manual Integrations

APPROVED

mohammad

5/27/2019 3:54:40 AM



(26) 2,4-Dichlorophenol-d3 (S)

10.005min (+0.035) 7.01ng/ul

response 36237

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	60.12
101.00	37.50	28.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

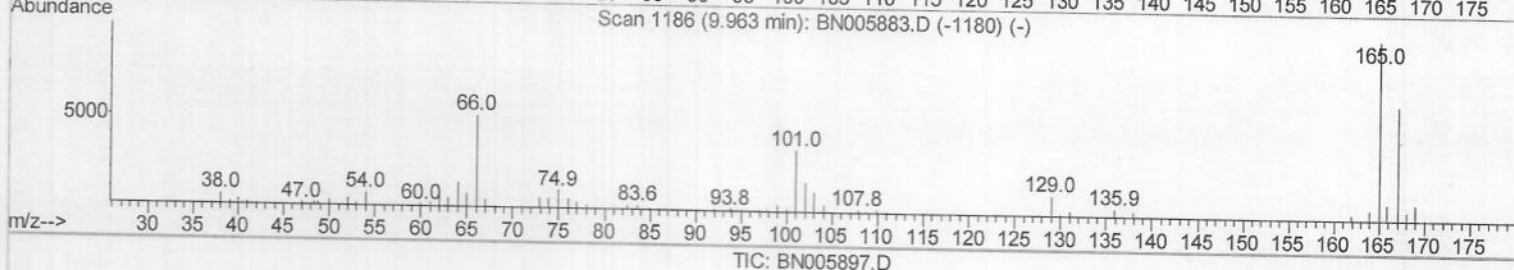
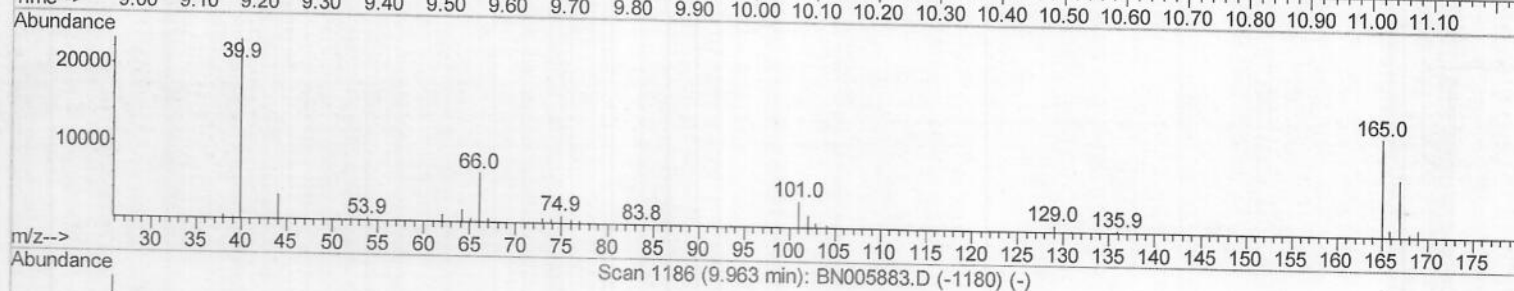
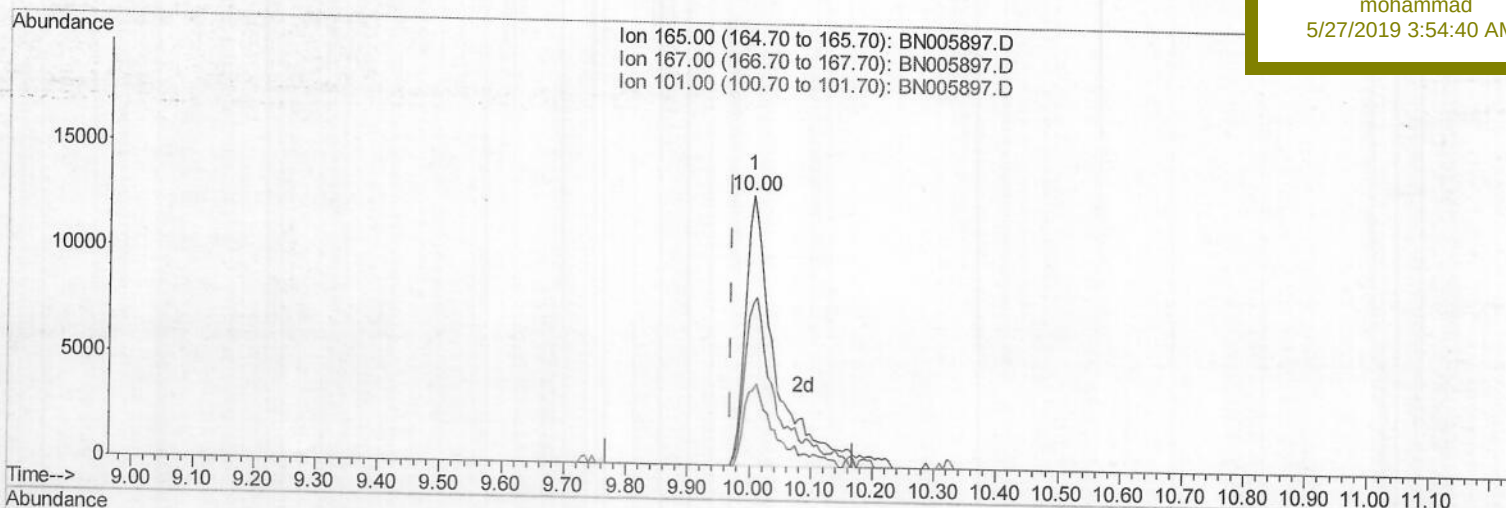
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
 Data File : BN005897.D
 Acq On : 24 May 2019 19:27
 Operator : JU/SJ
 Sample : K2814-02RX
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
Client Sample Id :
 A4247RX

Manual Integrations
APPROVED

mohammad
 5/27/2019 3:54:40 AM



(26) 2,4-Dichlorophenol-d3 (S)

10.005min (+0.035) 8.61ng/ul m

response 44528

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	60.12
101.00	37.50	28.22#
0.00	0.00	0.00

JU
05/25/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

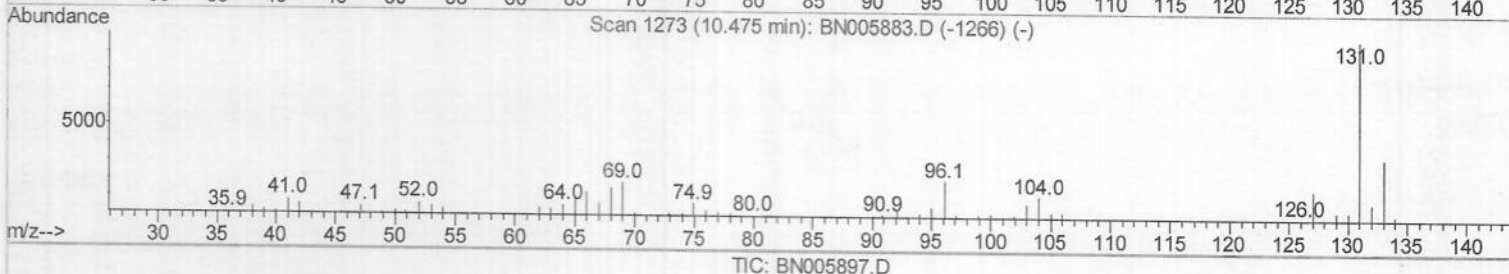
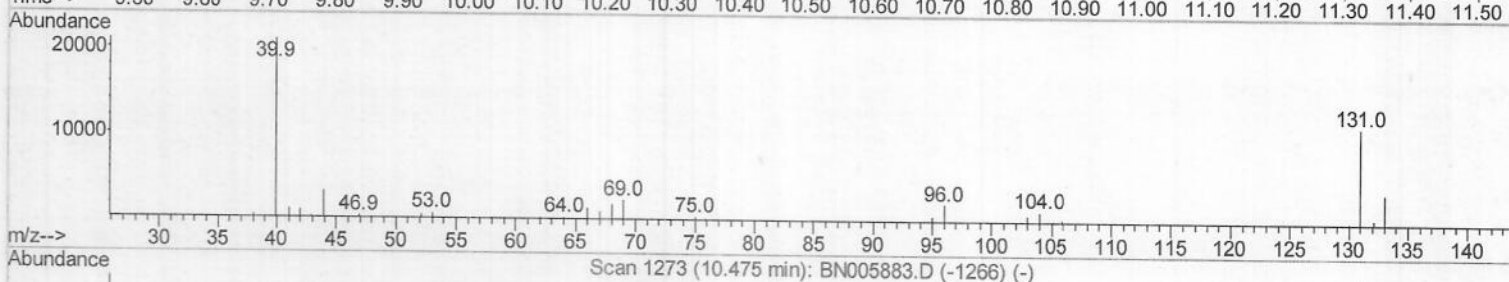
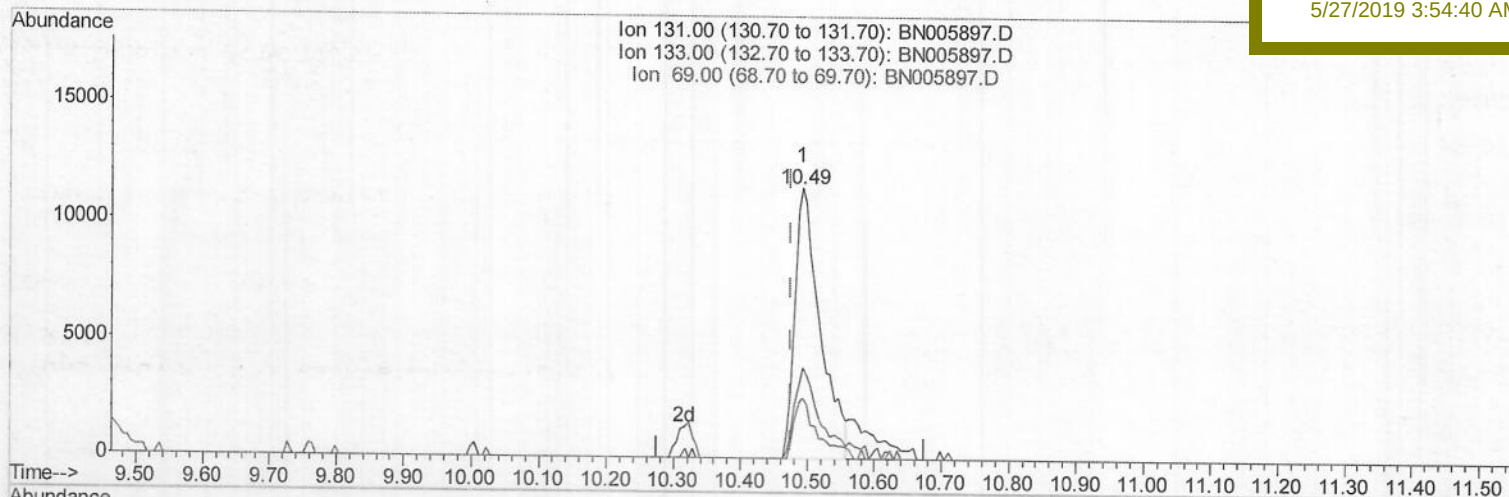
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

(29) 4-Chloroaniline-d4 (S)

10.493min (+0.018) 5.21ng/ul

response 29939

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	33.71
69.00	18.90	22.49
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

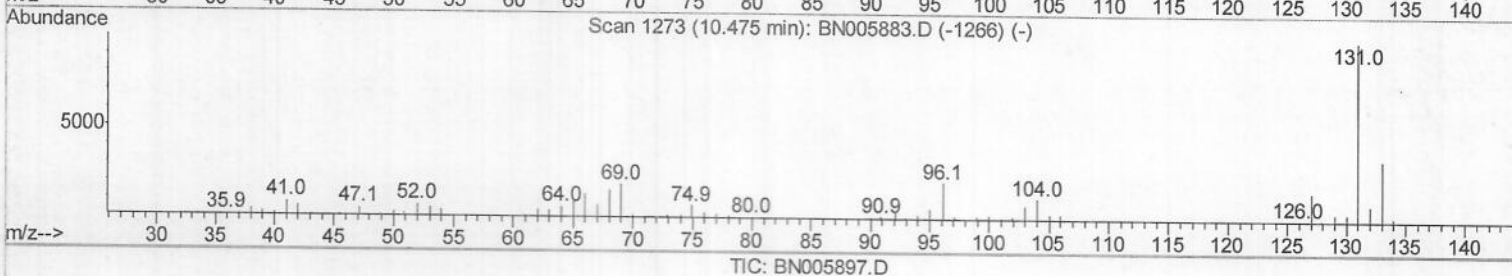
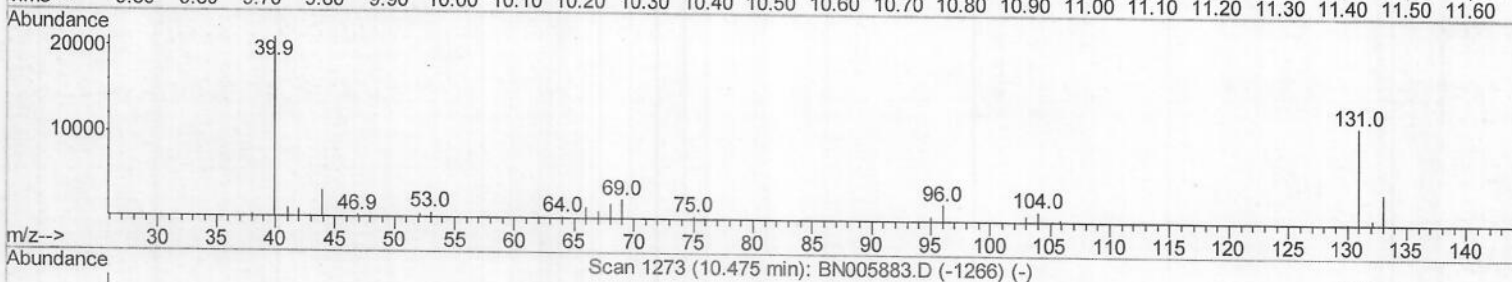
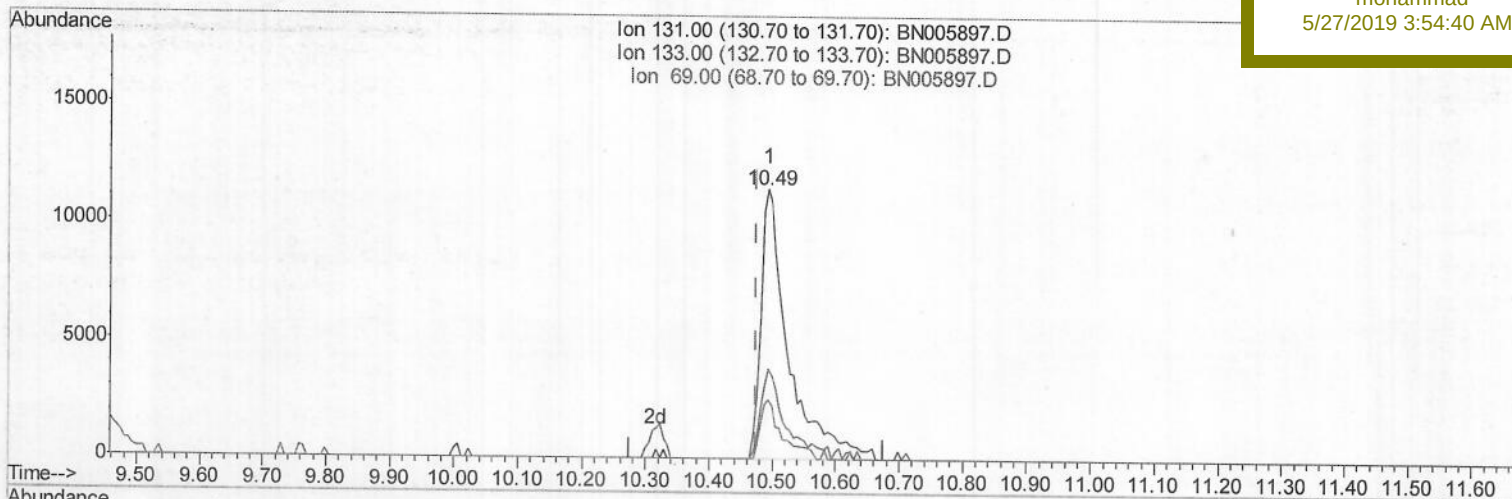
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

(29) 4-Chloroaniline-d4 (S)

10.493min (+0.018) 6.12ng/ul m

response 35141

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	33.71
69.00	18.90	22.49
0.00	0.00	0.00

JU
05/25/19

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

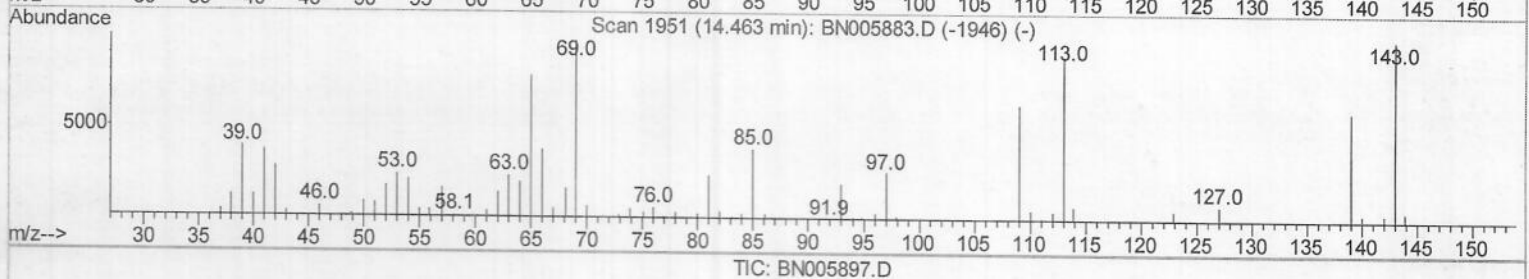
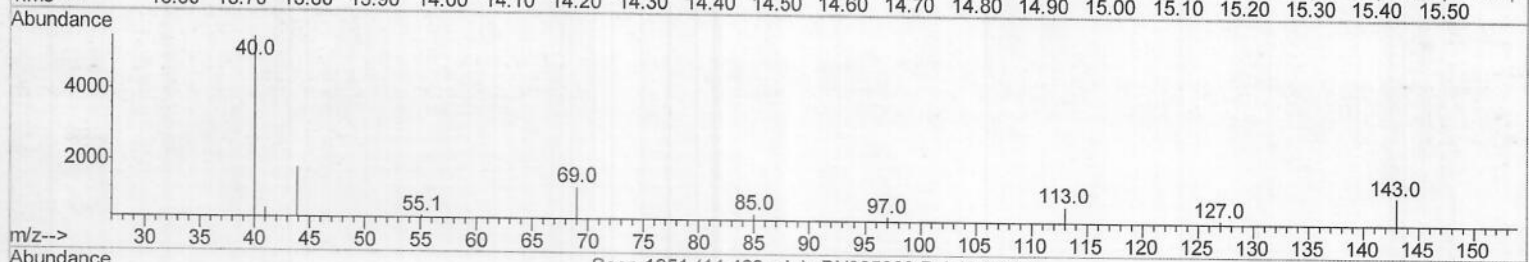
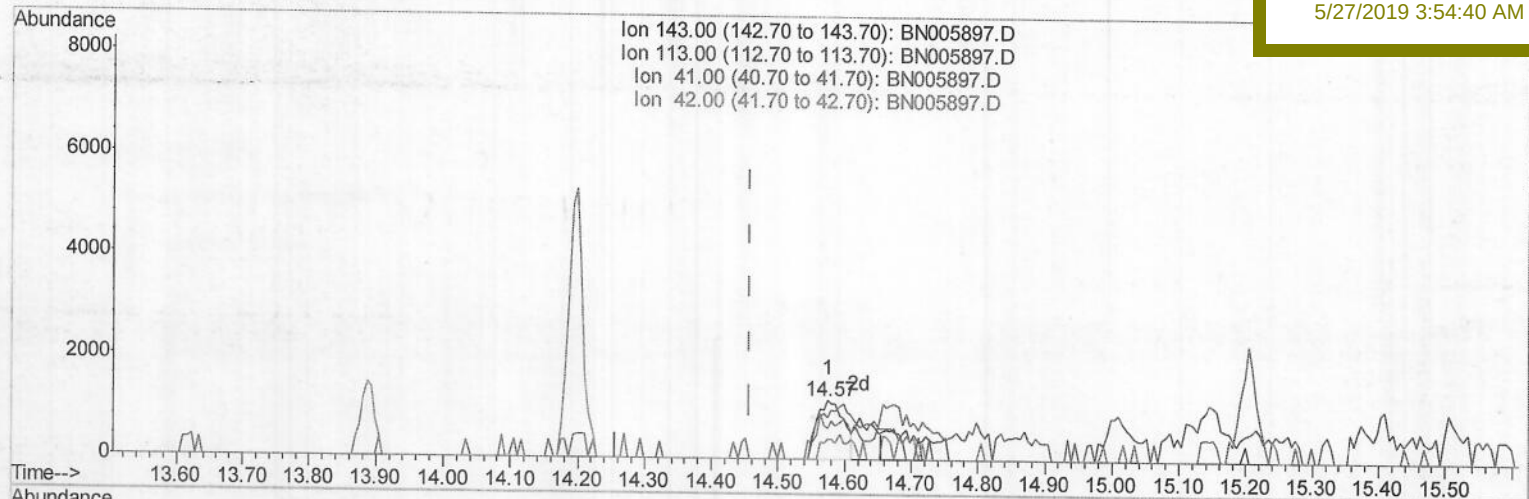
A4247RX

Manual Integrations

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mohammad

5/27/2019 3:54:40 AM



TIC: BN005897.D

(51) 4-Nitrophenol-d4 (S)

14.575min (+0.118) 1.32ng/ul

response 3234

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	70.88
41.00	47.90	52.95
42.00	31.70	32.41

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 20:54:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

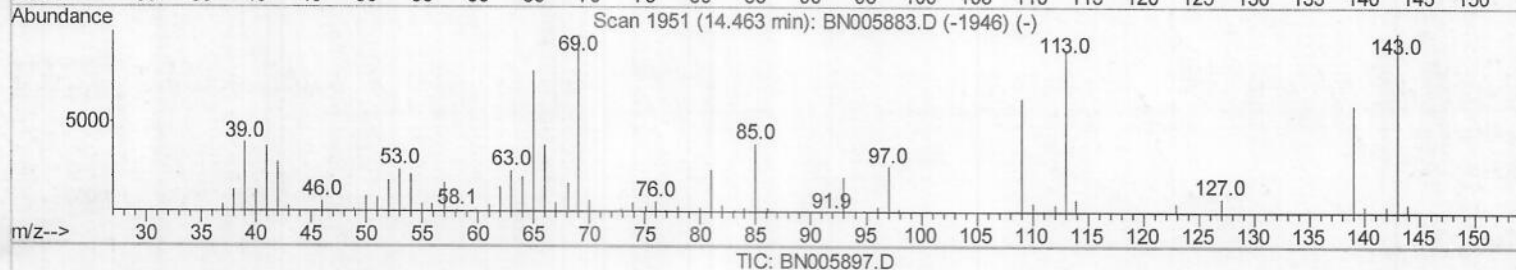
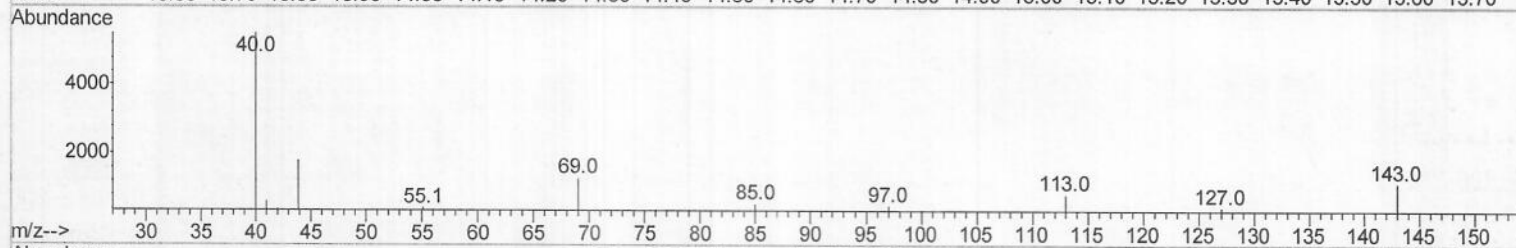
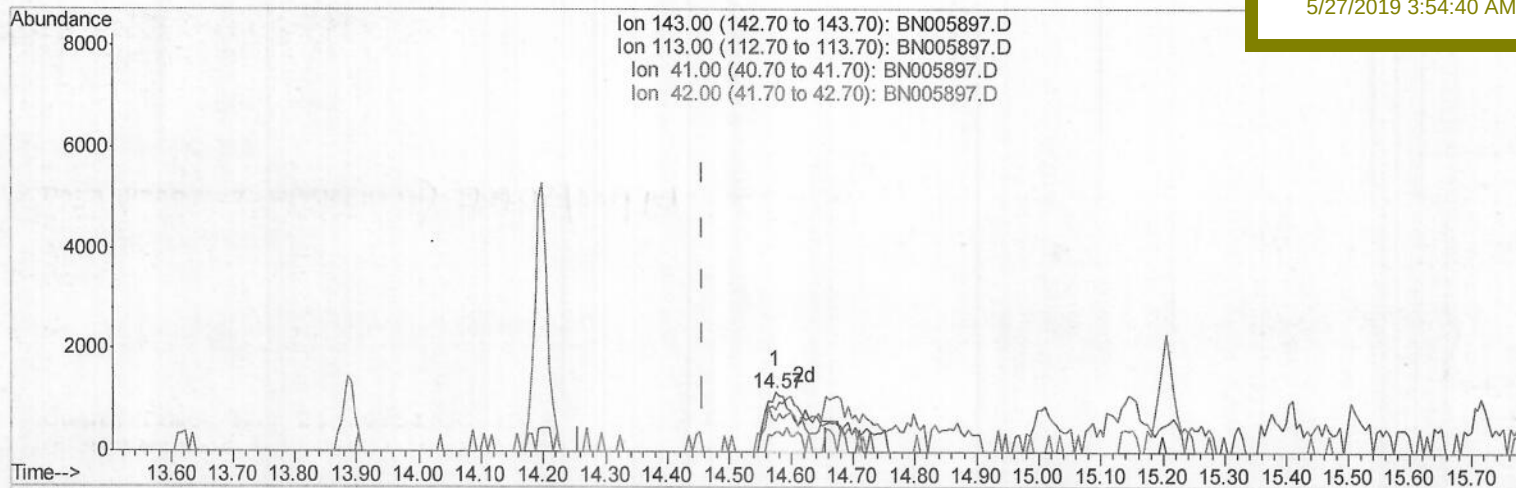
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

(51) 4-Nitrophenol-d4 (S)

14.575min (+0.118) 3.08ng/ul m

response 7512

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	70.88
41.00	47.90	52.95
42.00	31.70	32.41

JU
05/25/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 21:07:08 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

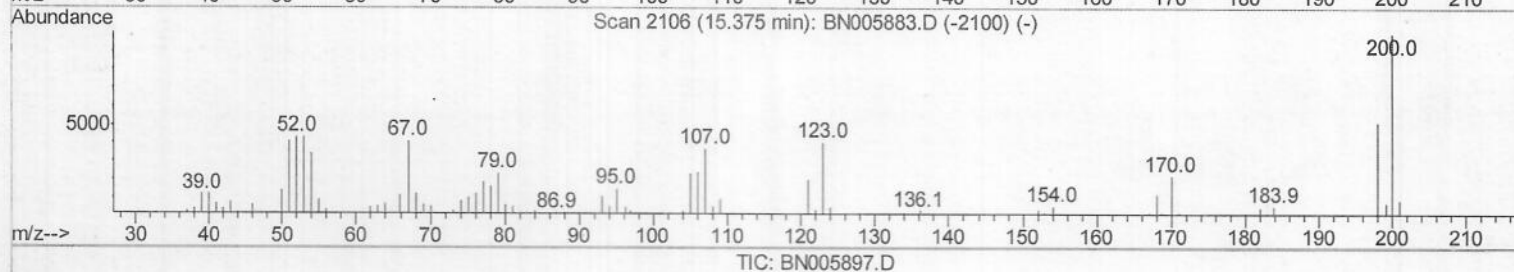
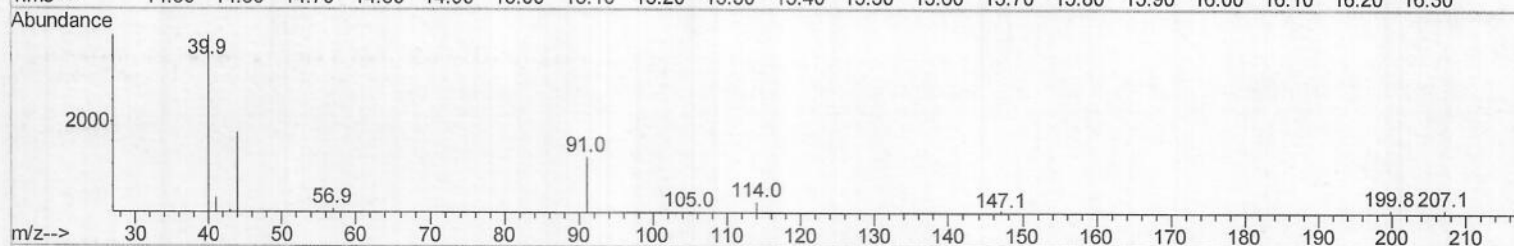
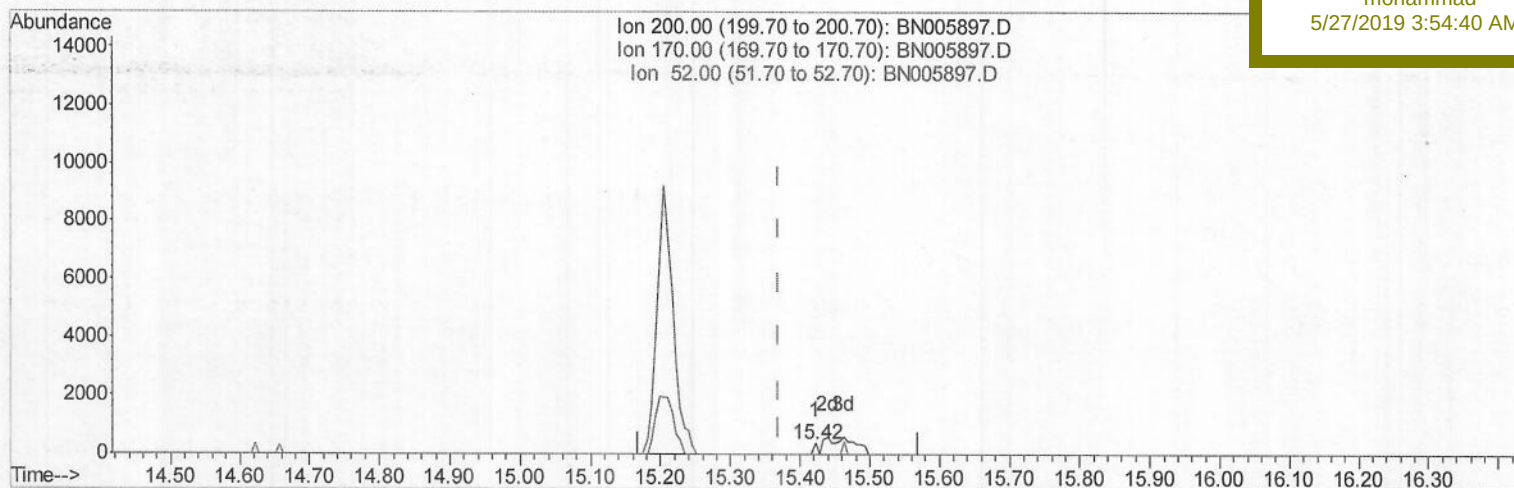
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.422min (+0.053) 0.04ng/ul

response 132

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	0.00#
52.00	49.60	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\

Data File : BN005897.D

Acq On : 24 May 2019 19:27

Operator : JU/SJ

Sample : K2814-02RX

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 24 21:07:08 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 22 04:04:33 2019

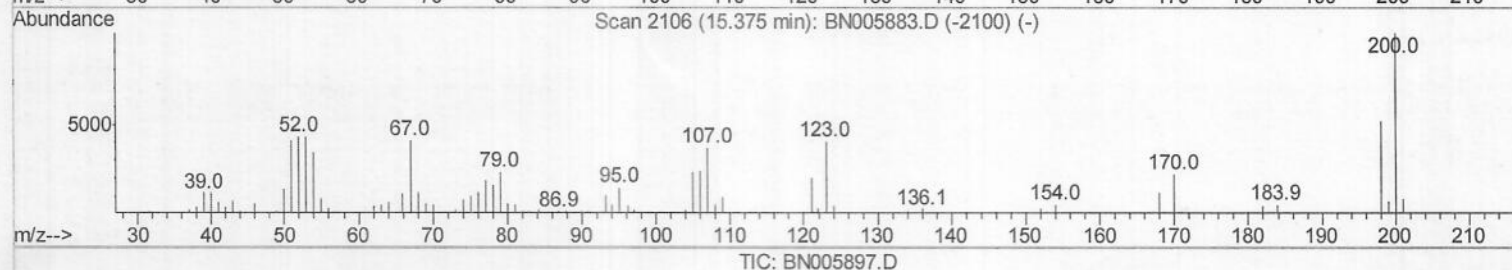
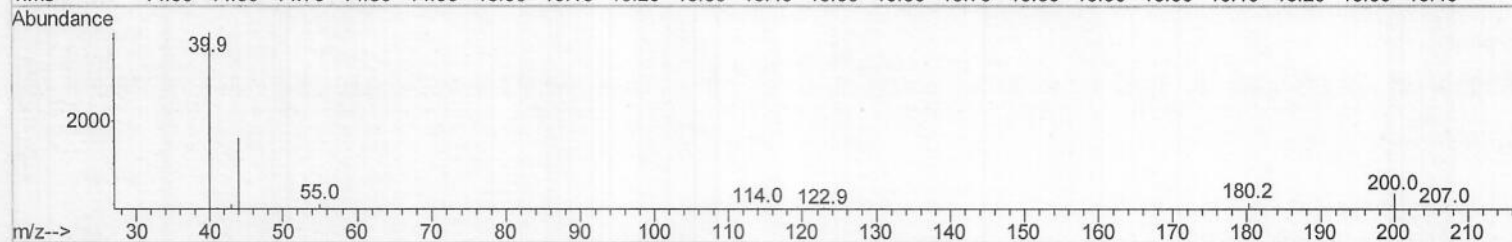
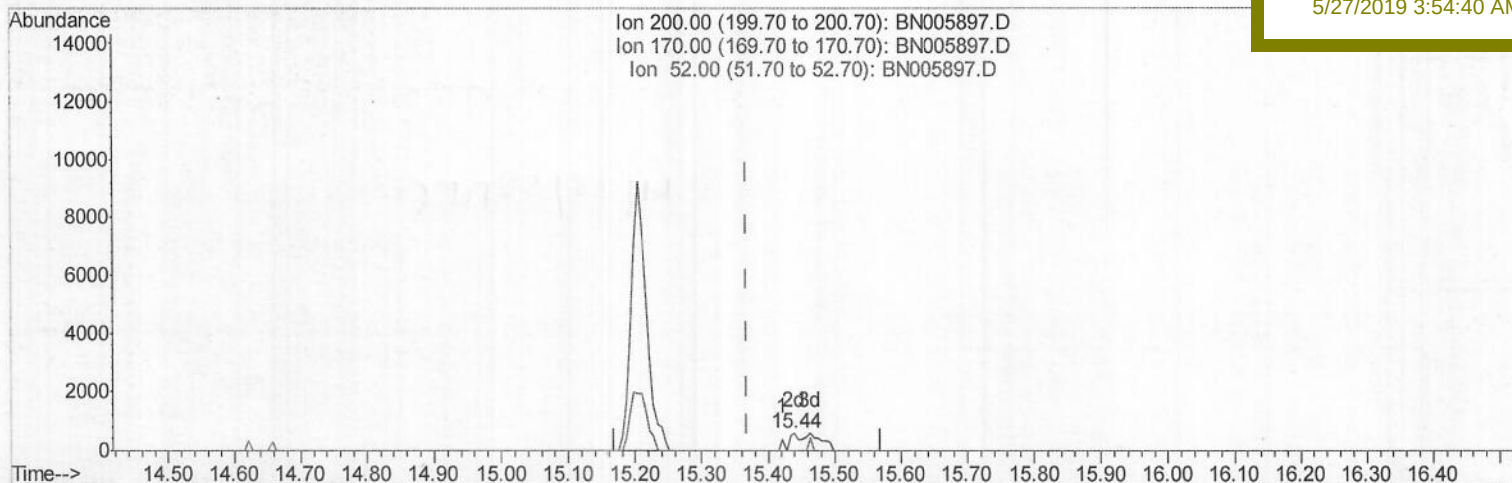
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4247RX

Manual Integrations
APPROVEDmohammad
5/27/2019 3:54:40 AM

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.440min (+0.071) 0.49ng/ul m

response 1811

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	0.00#
52.00	49.60	0.00#
0.00	0.00	0.00

JU
05/25/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052419\
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Instrument :
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 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:54:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76330	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	323194	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	225262	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	613564	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	707238	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	758132	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	2330	1.71	ng/uL	-0.02
5) Phenol-d5	6.78	99	38777	6.57	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	6.91	67	23435	7.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	36463	7.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	37175m	7.37	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	15429	6.58	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	16908	6.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	44528m	8.61	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	35141m	6.12	ng/ul	0.02
43) Dimethylphthalate-d6	13.62	166	135507	7.82	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	166748	7.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	7512m	3.08	ng/ul	0.12
57) Fluorene-d10	15.20	176	126300	8.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	1811m	0.49	ng/ul	0.07
70) Anthracene-d10	17.06	188	216499	8.17	ng/ul	0.00
78) Pyrene-d10	19.37	212	275490	7.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	279315	8.21	ng/ul	0.00

Target Compounds

Ovalue

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