

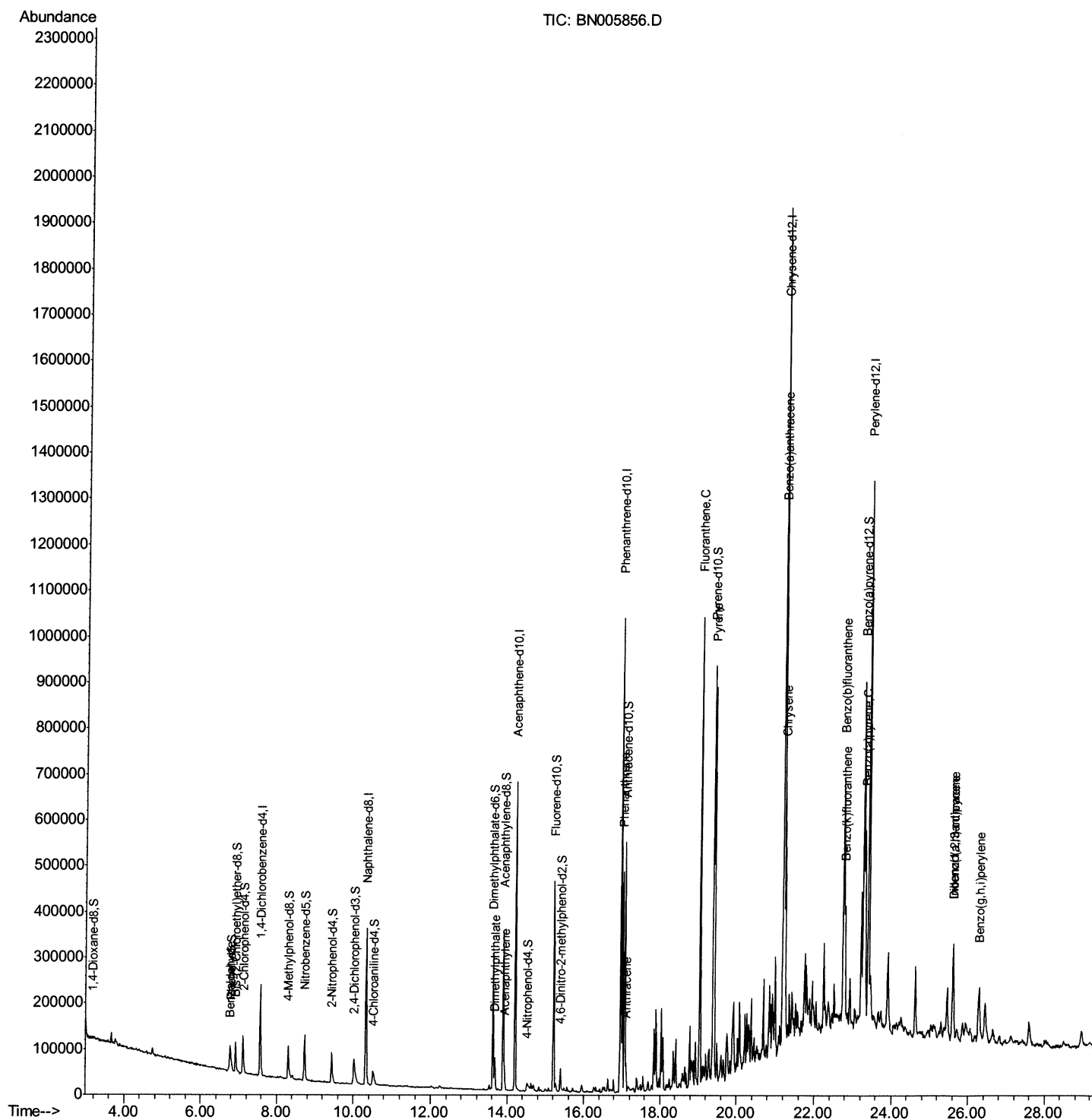
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005856.D
Acq On : 22 May 2019 18:17
Operator : JU/SJ
Sample : k2925-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4287

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:43 PM

Quant Time: May 23 05:19:30 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



Quantitation Report (Qedit)

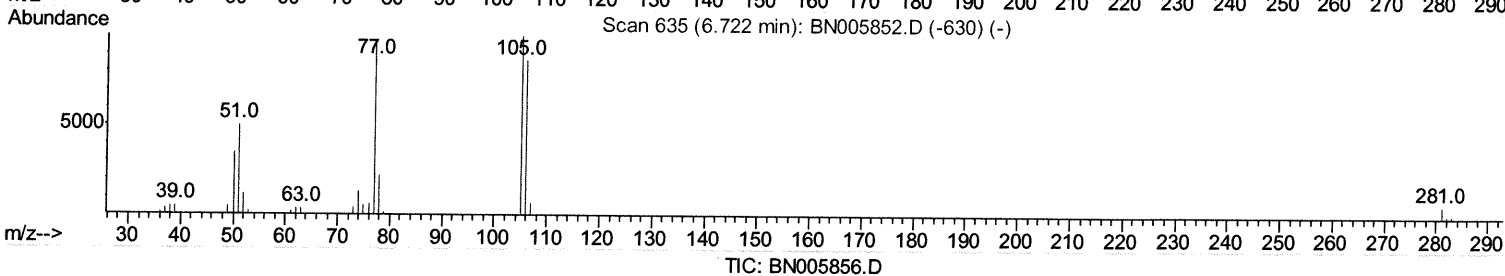
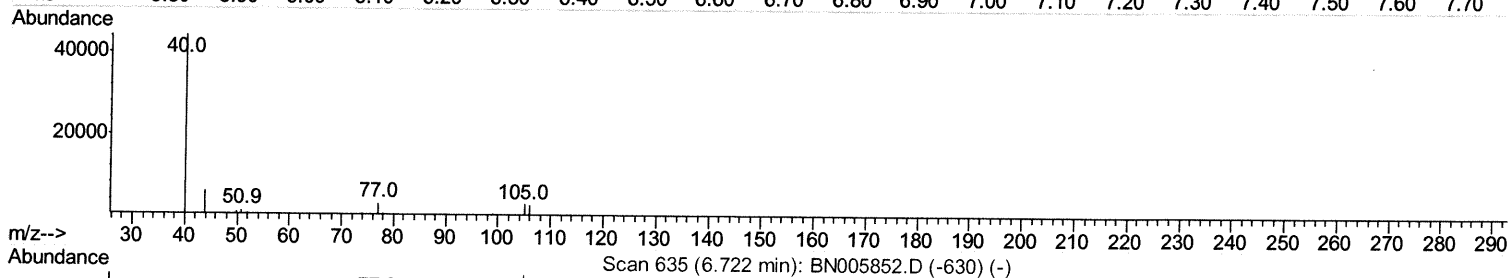
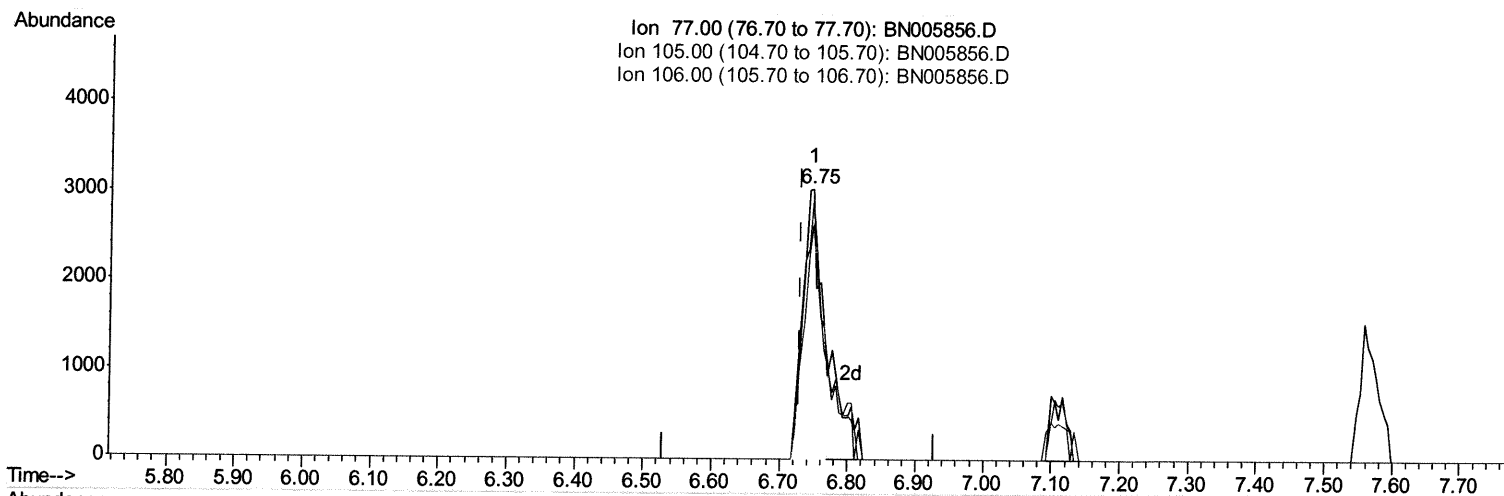
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Manual Integrations
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 5/23/2019 3:30:43 PM

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
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(4) Benzaldehyde

6.746min (+0.017) 1.57ng/ul

response 5672

Ion	Exp%	Act%
77.00	100	100
105.00	96.80	95.88
106.00	95.40	86.70
0.00	0.00	0.00

Quantitation Report (Qedit)

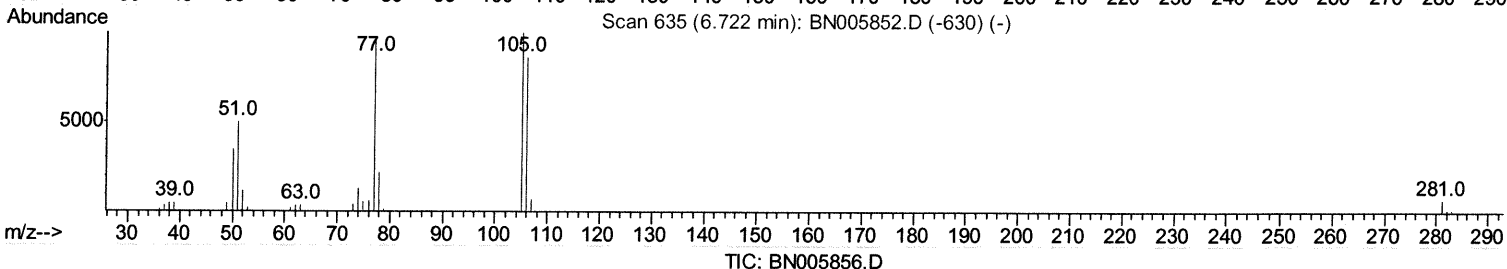
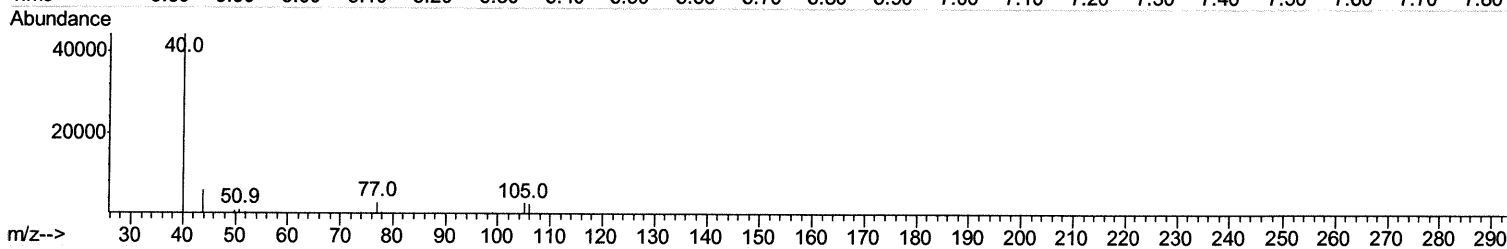
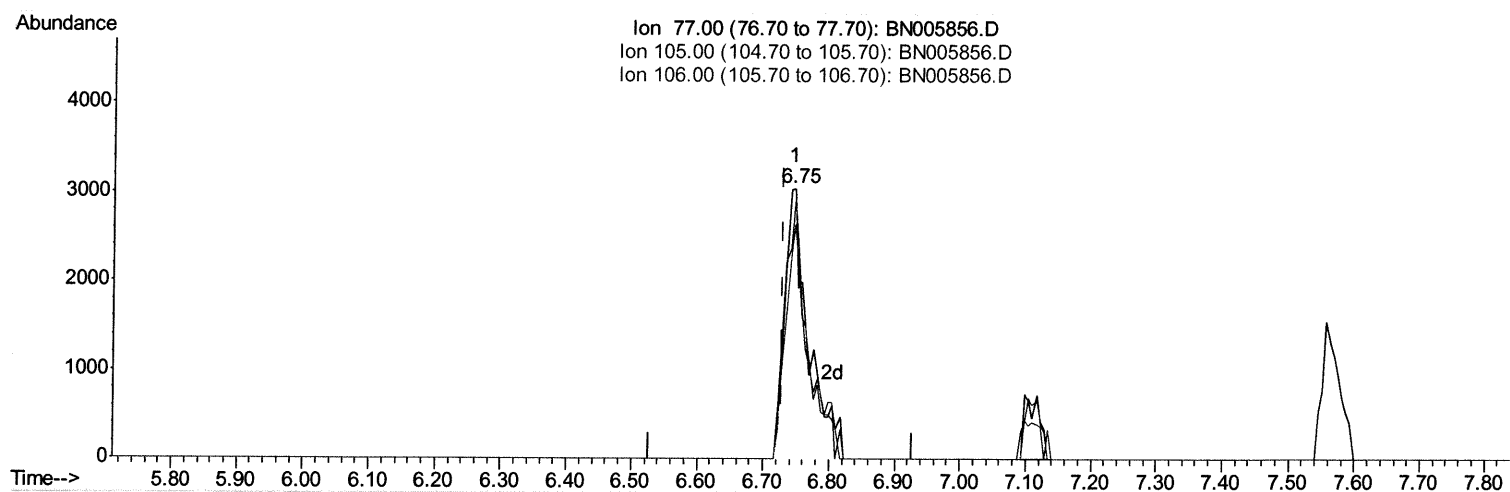
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(4) Benzaldehyde

6.746min (+0.017) 2.08ng/ul m

JU
06/04/19

response 7518

Ion	Exp%	Act%
77.00	100	100
105.00	96.80	95.88
106.00	95.40	86.70
0.00	0.00	0.00

Quantitation Report (Qedit)

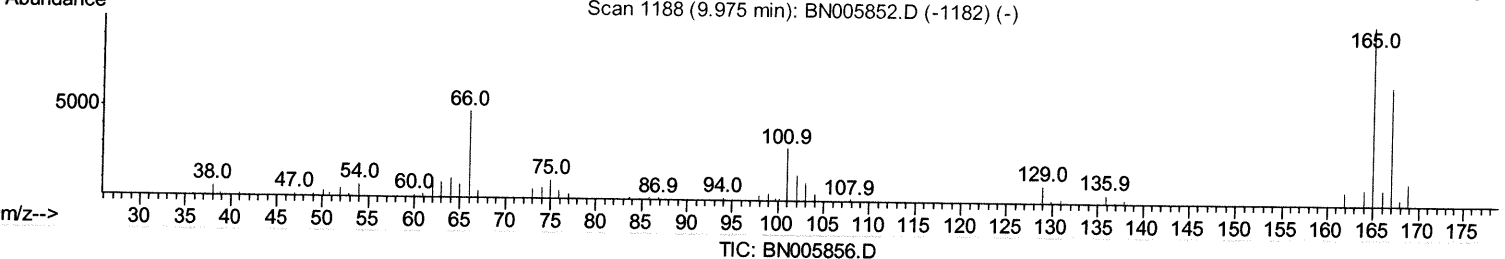
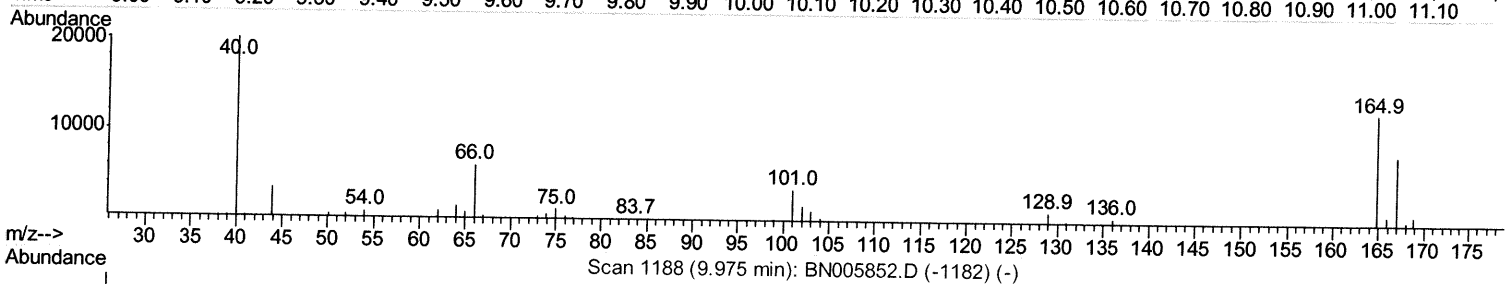
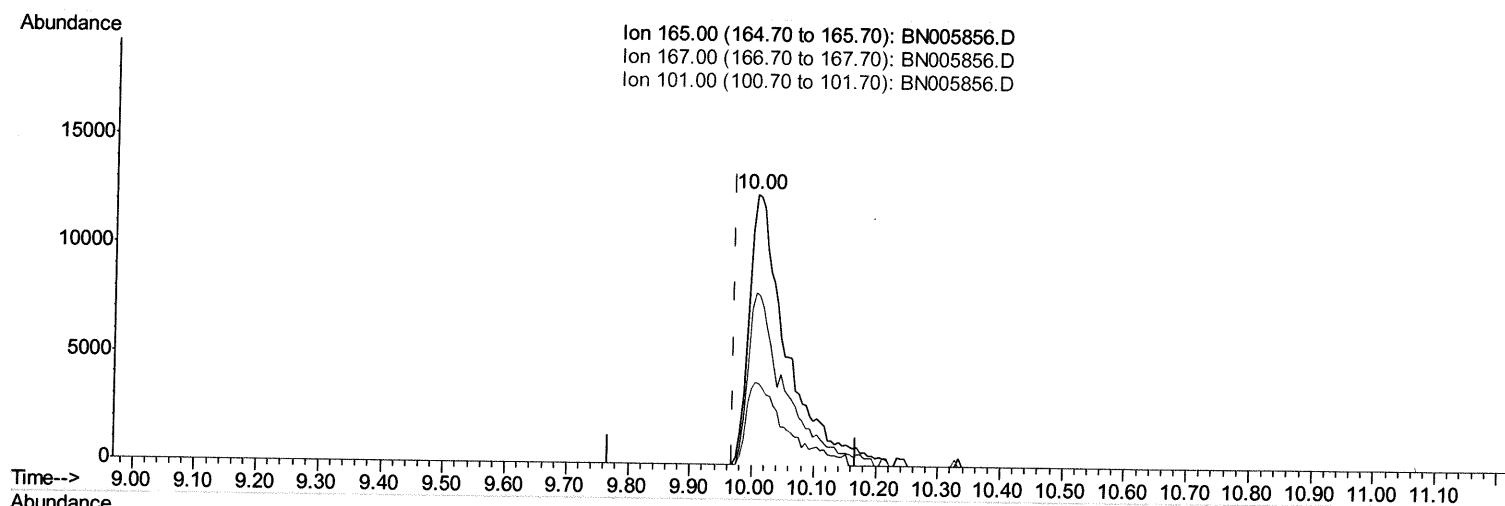
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
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Quant Time: May 23 01:15:43 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



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

10.004min (+0.035) 10.75ng/ul m

JU
 06/04/19

response 52892

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	63.67
101.00	37.50	30.27
0.00	0.00	0.00

Quantitation Report (Qedit)

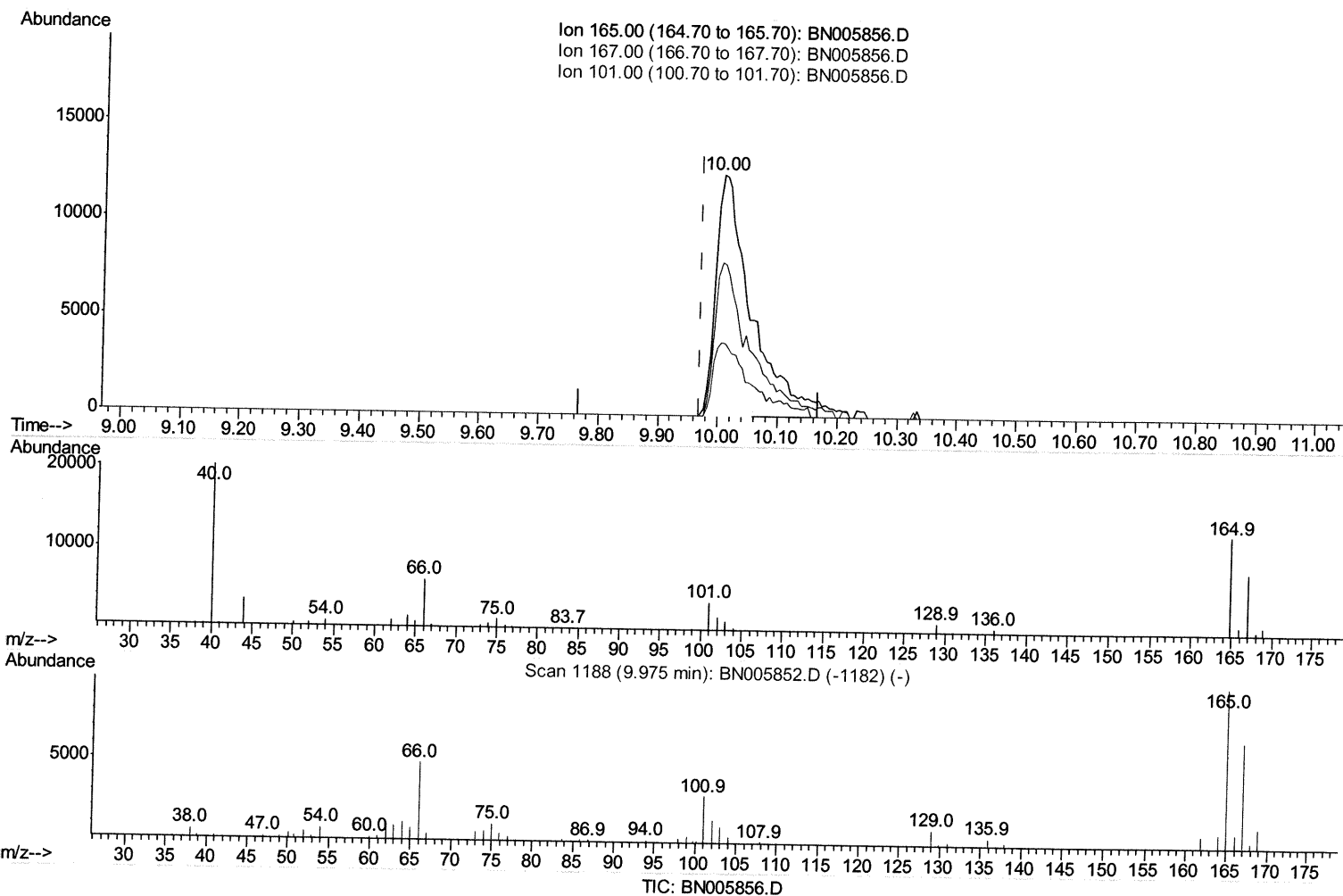
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4287

Manual Integrations
 APPROVED

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 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



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

10.004min (+0.035) 7.90ng/ul

response 38888

Ion	Exp%	Act%
165.00	100	100
167.00	64.10	63.67
101.00	37.50	30.27
0.00	0.00	0.00

Quantitation Report (Qedit)

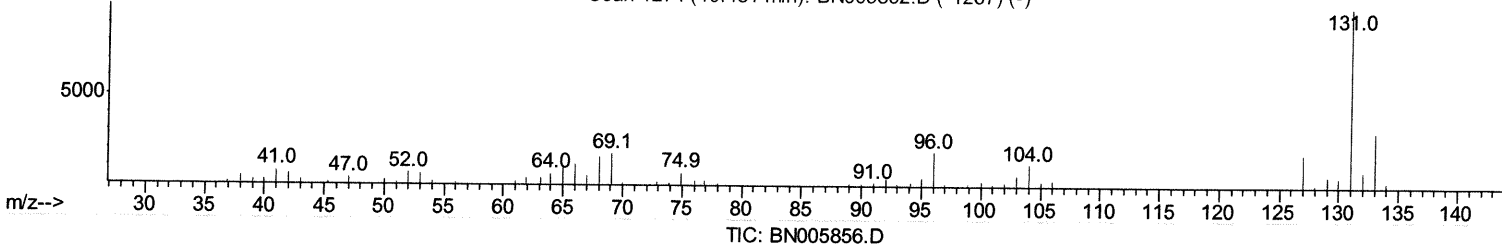
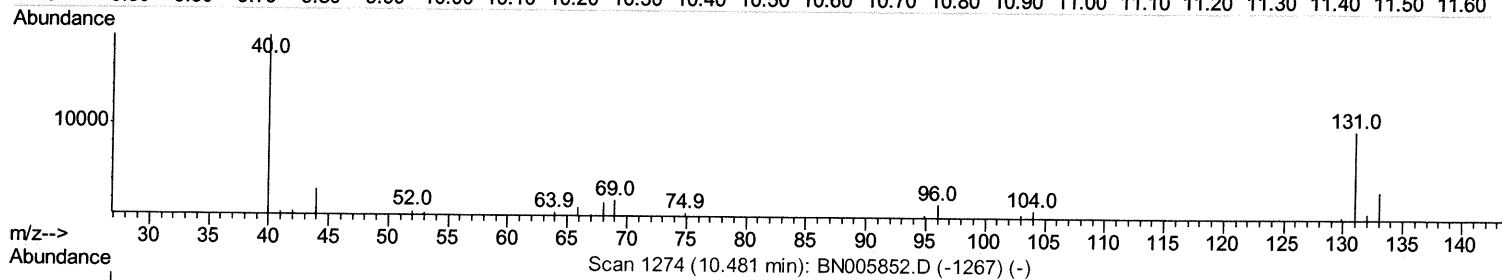
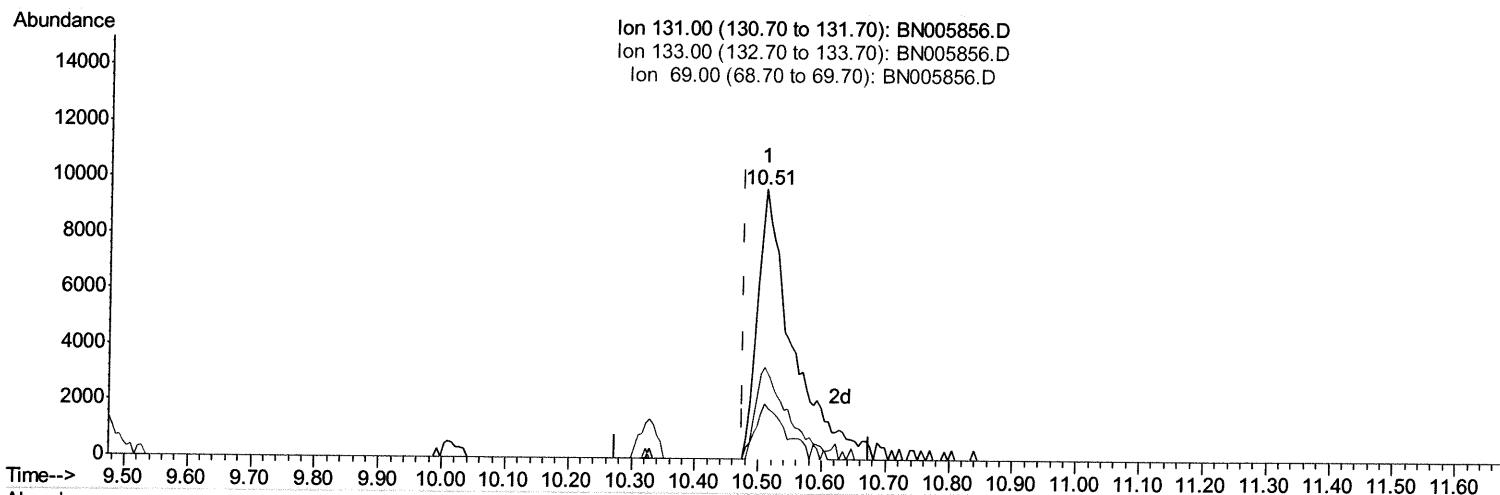
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

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 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.510min (+0.035) 6.74ng/ul m *JU* 06/04/19

response 36832

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	34.12
69.00	18.90	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

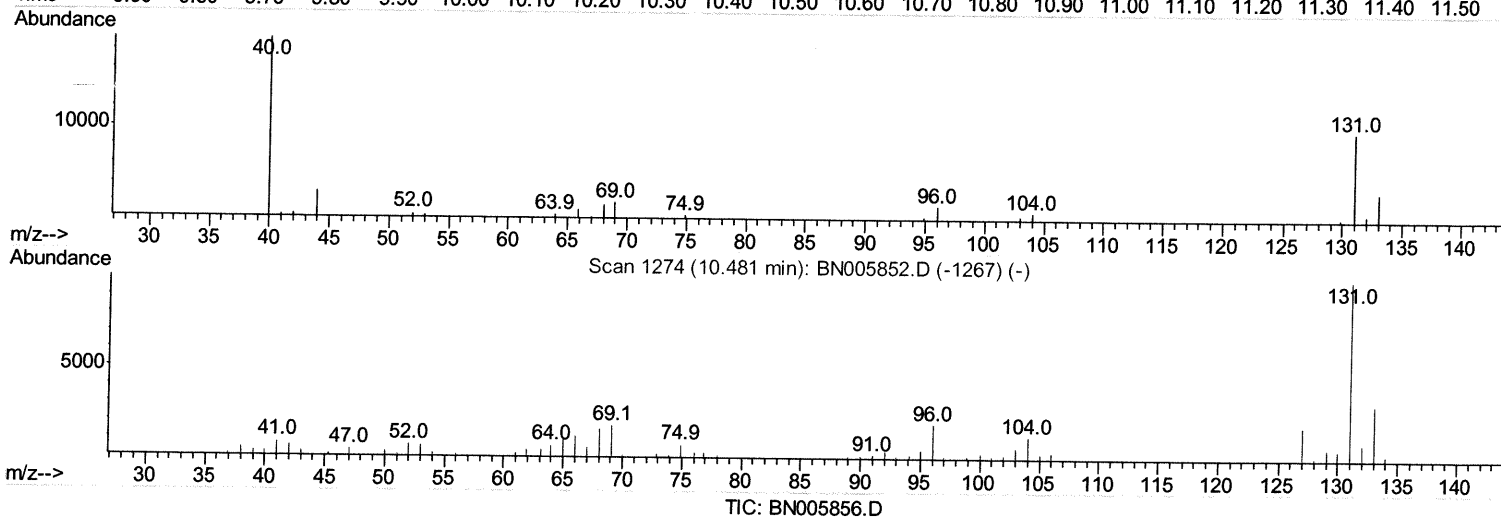
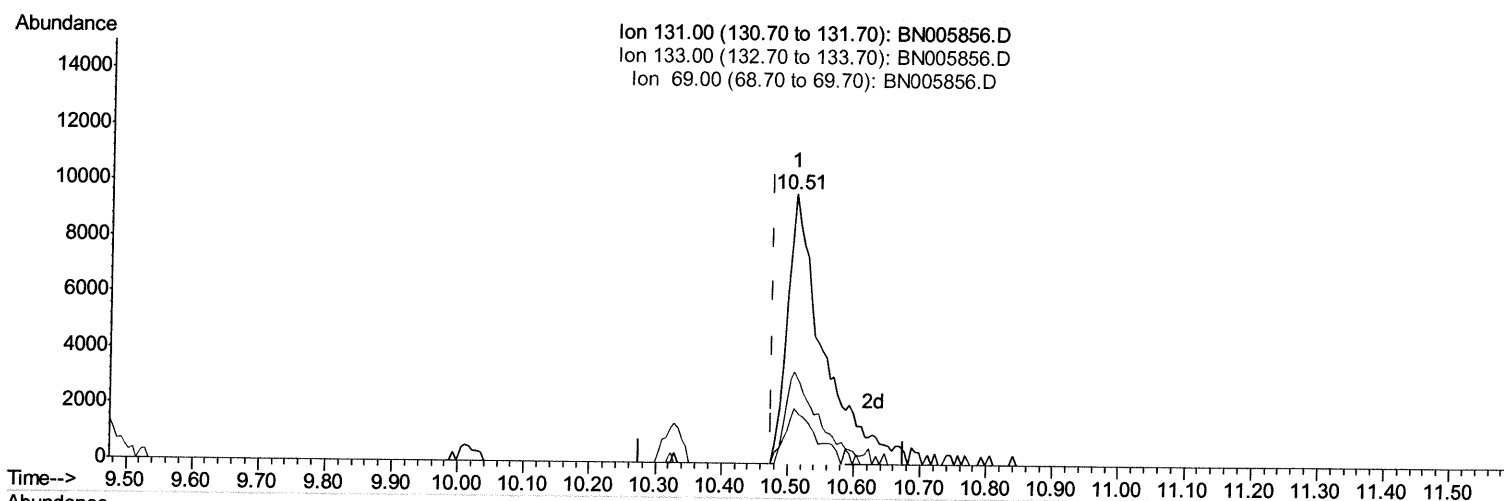
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005856.D
Acq On : 22 May 2019 18:17
Operator : JU/SJ
Sample : k2925-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4287

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:43 PM

Quant Time: May 23 01:15:43 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



(29) 4-Chloroaniline-d4 (S)

10.510min (+0.035) 5.77ng/ul

response 31522

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	34.12
69.00	18.90	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

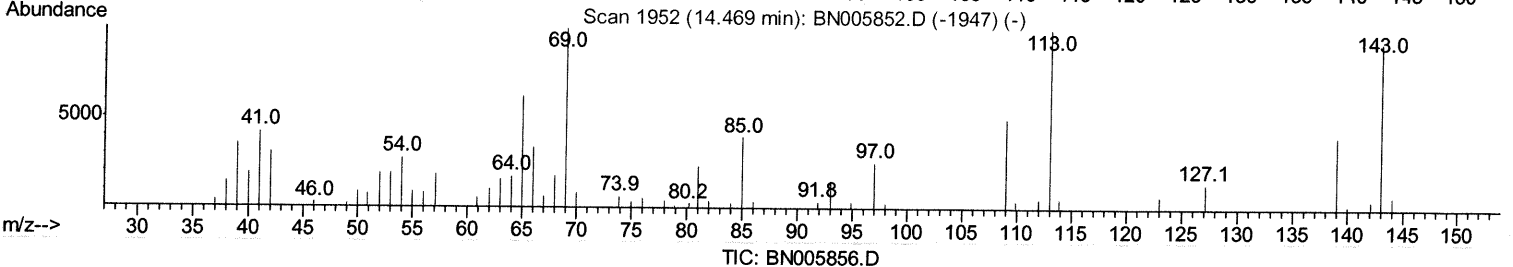
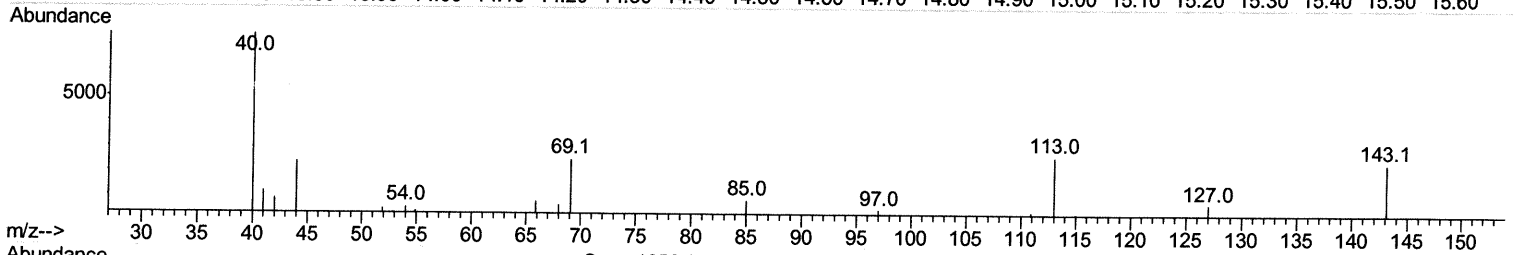
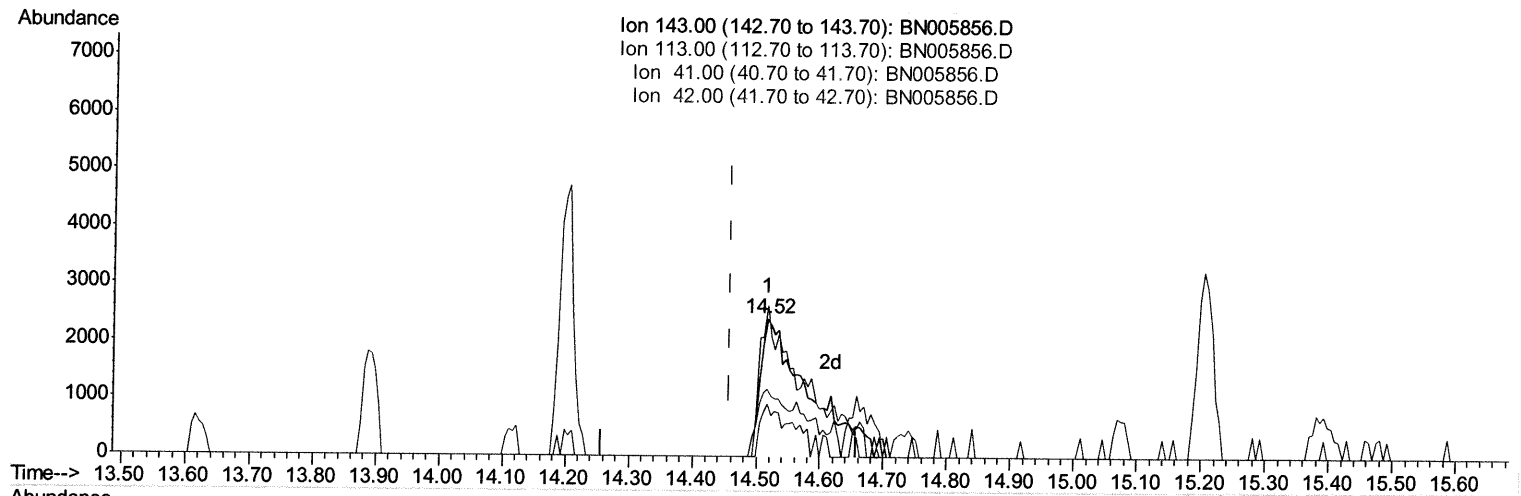
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4287

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:43 PM

Quant Time: May 23 01:15:43 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



(51) 4-Nitrophenol-d4 (S)

14.516min (+0.059) 5.17ng/ul m

Ju
06/04/19

response 12565

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	109.91#
41.00	47.90	49.40
42.00	31.70	38.61#

Quantitation Report (Qedit)

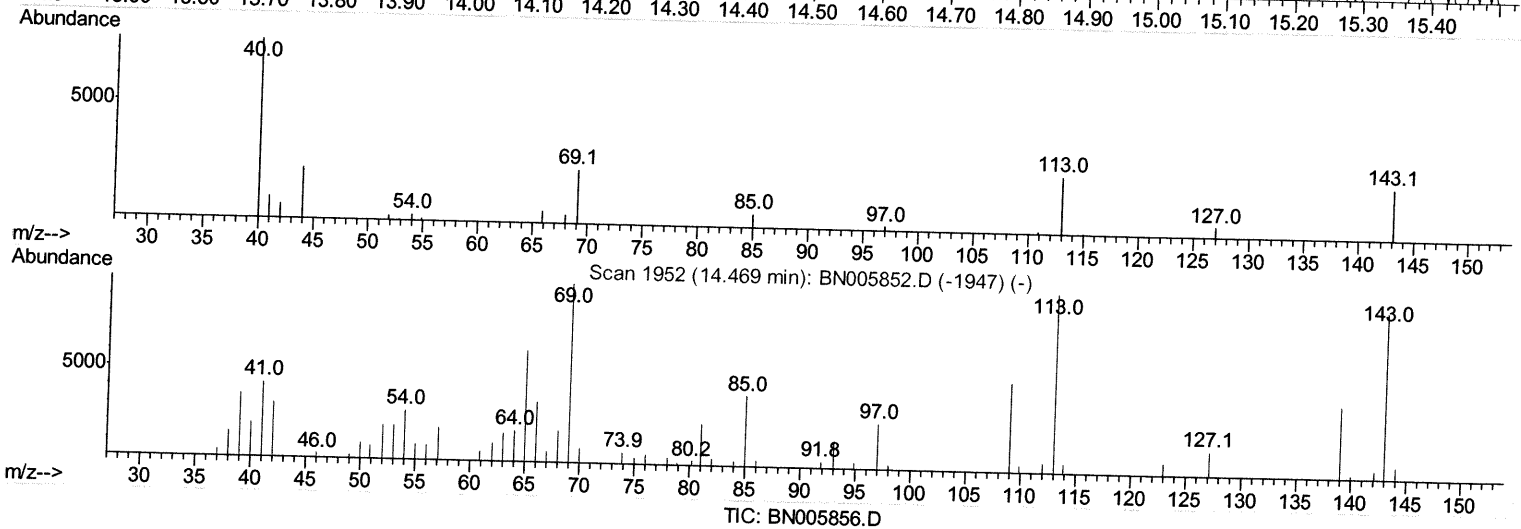
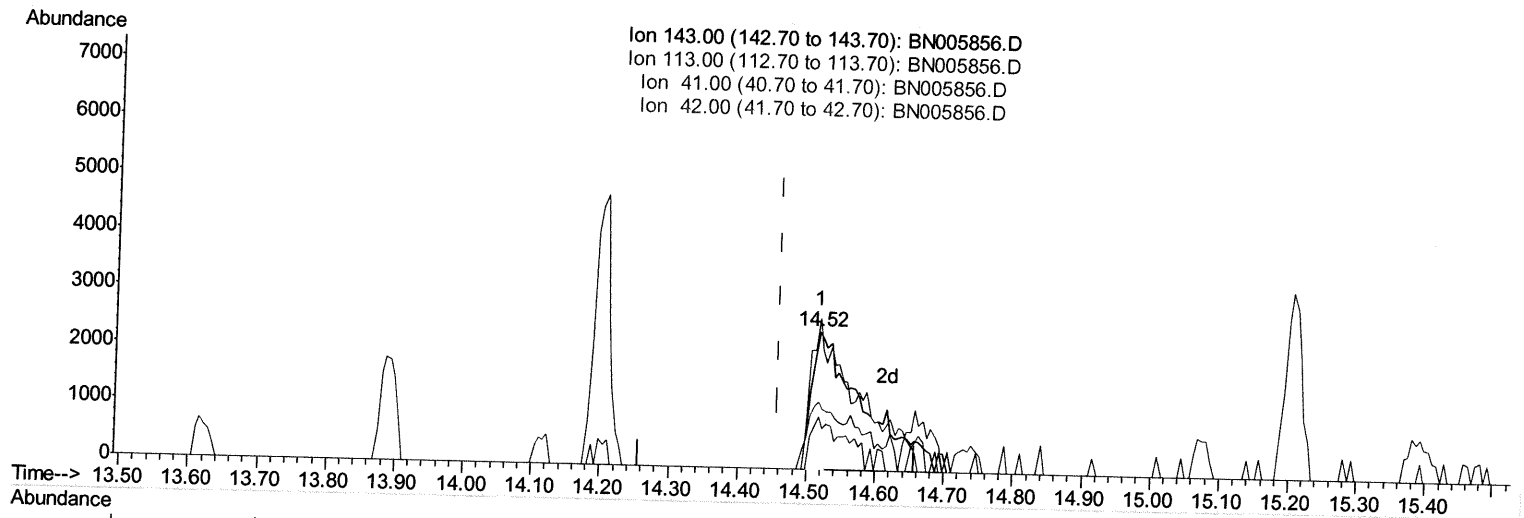
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : k2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 A4287

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:43 PM

Quant Time: May 23 01:15:43 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



(51) 4-Nitrophenol-d4 (S)

14.516min (+0.059) 1.57ng/ul

response 3810

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	109.91#
41.00	47.90	49.40
42.00	31.70	38.61#

Quantitation Report (Qedit)

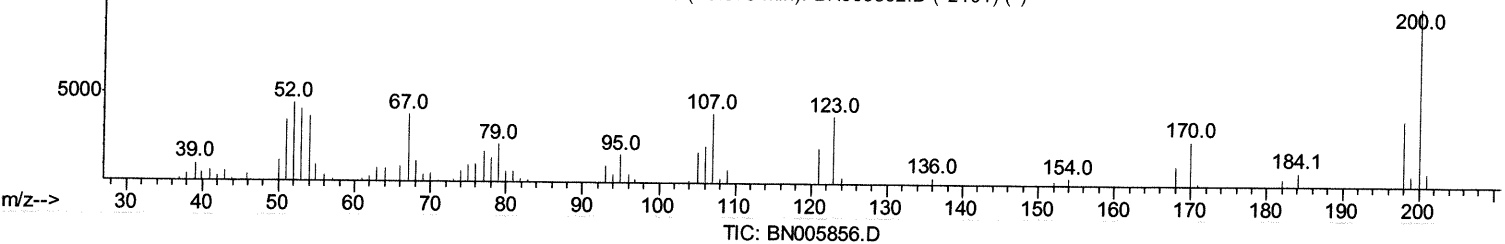
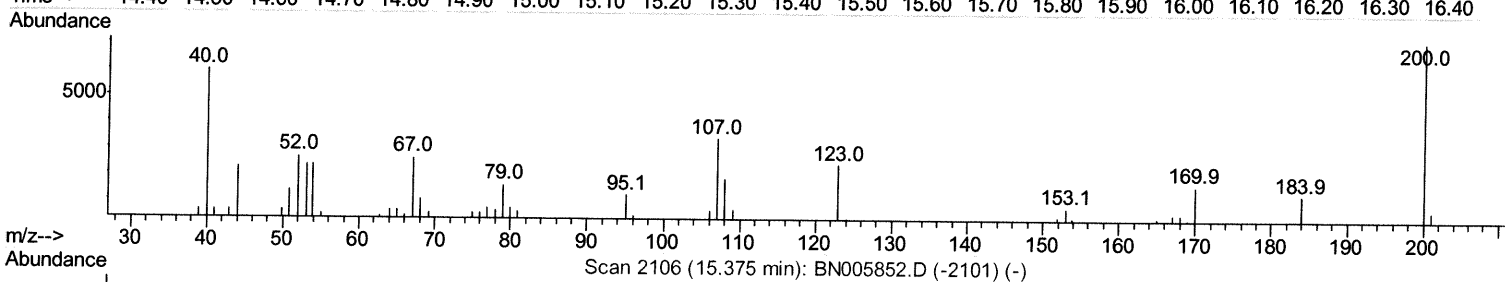
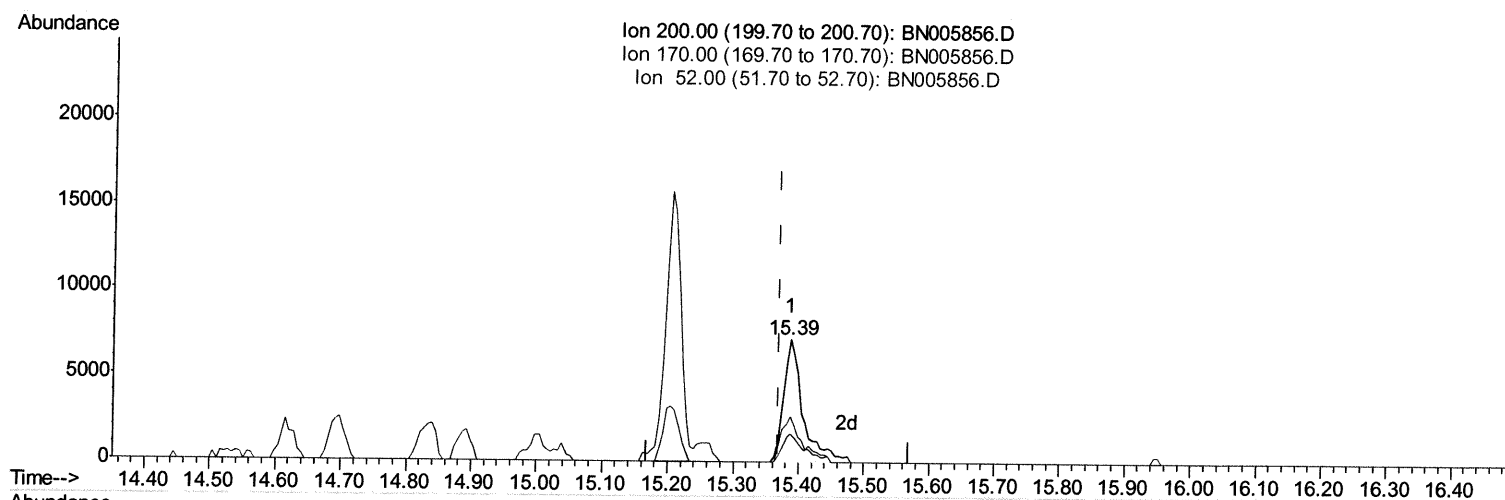
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005856.D
Acq On : 22 May 2019 18:17
Operator : JU/SJ
Sample : k2925-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4287

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:43 PM

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Response via : Initial Calibration



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

15.386min (+0.017) 4.11ng/ul m

JU
06/04/19

response 14942

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	22.97
52.00	49.60	37.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

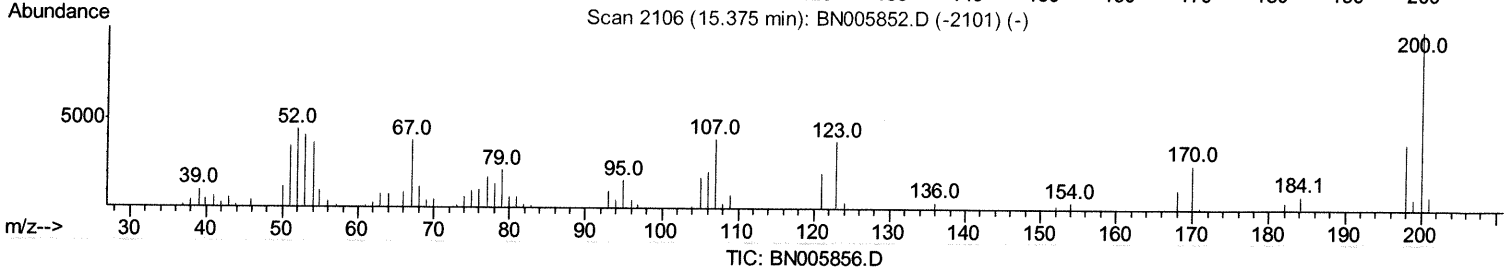
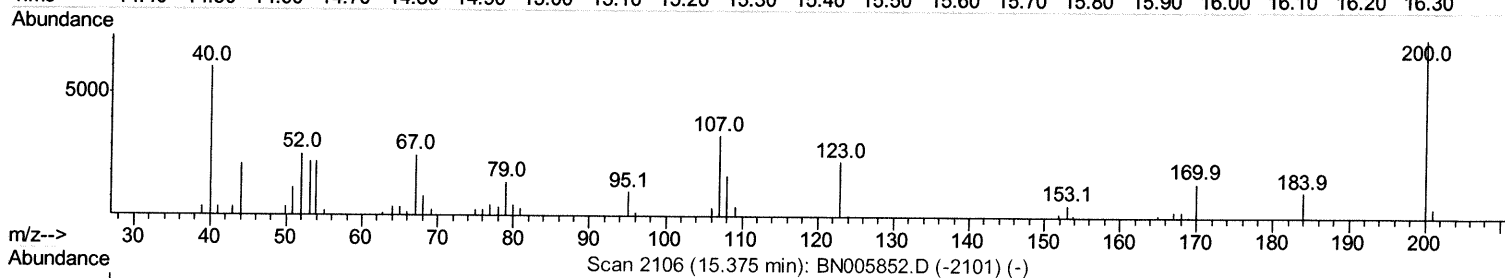
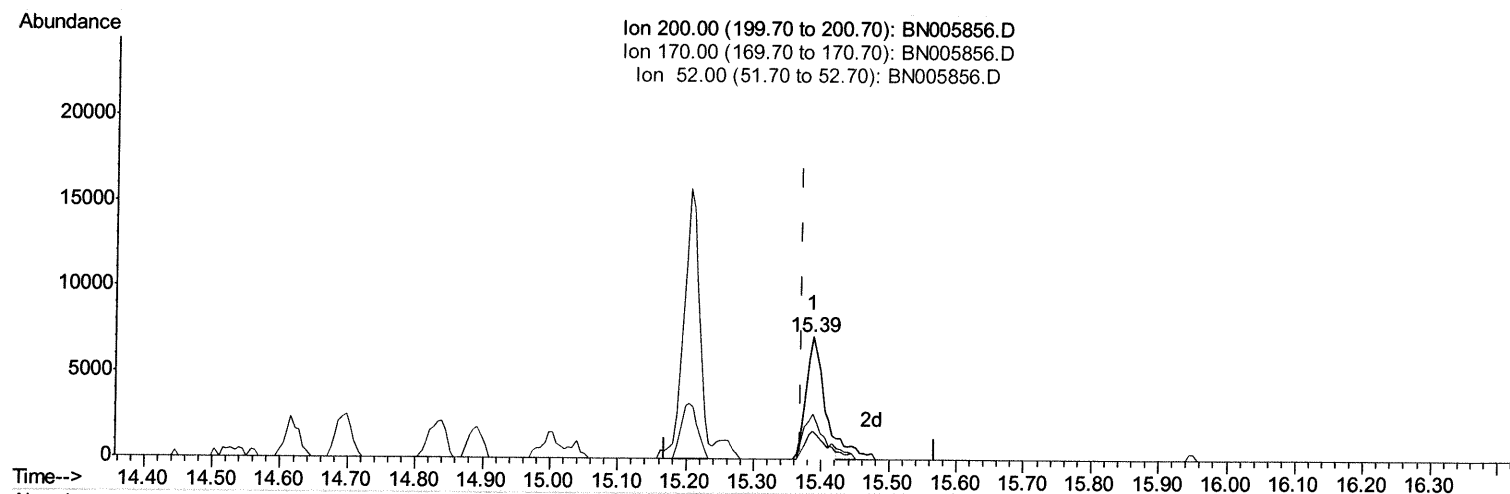
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005856.D
Acq On : 22 May 2019 18:17
Operator : JU/SJ
Sample : k2925-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration



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

15.386min (+0.017) 3.57ng/ul

response 12973

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	22.97
52.00	49.60	37.23#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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 ALS Vial : 6 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	64676	20.00	nq/ul	0.00
18) Naphthalene-d8	10.32	136	307610	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.20	164	224219	20.00	nq/ul	0.00
61) Phenanthrene-d10	16.96	188	604254	20.00	nq/ul	0.00
77) Chrysene-d12	21.20	240	739289	20.00	nq/ul	0.00
85) Perylene-d12	23.40	264	895404	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	2713	2.35	nq/uL	0.00
5) Phenol-d5	6.78	99	50887	10.18	nq/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	34968	13.41	nq/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	47370	11.79	nq/ul	0.00
13) 4-Methylphenol-d8	8.29	113	37520	8.78	nq/ul	0.02
19) Nitrobenzene-d5	8.72	128	25246	11.30	nq/ul	0.01
22) 2-Nitrophenol-d4	9.44	143	26138	10.14	nq/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	52892m	10.75	nq/ul	0.04
29) 4-Chloroaniline-d4	10.51	131	36832m	6.74	nq/ul	0.04
43) Dimethylphthalate-d6	13.62	166	225726	13.08	nq/ul	0.00
46) Acenaphthylene-d8	13.89	160	256348	12.23	nq/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	12565m	5.17	nq/ul	0.06
57) Fluorene-d10	15.20	176	203194	13.71	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	14942m	4.11	nq/ul	0.02
70) Anthracene-d10	17.06	188	333669	12.78	nq/ul	0.00
78) Pyrene-d10	19.37	212	427784	11.74	nq/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	504595	12.56	ng/ul	0.01
Target Compounds						
4) Benzaldehyde	6.75	77	7518m	2.078	nq/ul	Ovalue
44) Dimethylphthalate	13.67	163	51117	3.005	nq/ul	99
47) Acenaphthylene	13.92	152	46800	2.319	nq/ul	97
69) Phenanthrene	17.00	178	299004	9.983	nq/ul	100
71) Anthracene	17.10	178	45617	1.496	nq/ul	97
76) Fluoranthene	19.04	202	594328	16.049	nq/ul#	88
79) Pyrene	19.40	202	558860	12.310	nq/ul#	87
82) Benzo(a)anthracene	21.18	228	306733	6.586	nq/ul	98
84) Chrysene	21.23	228	350953	7.993	nq/ul	97
87) Benzo(b)fluoranthene	22.76	252	426544	8.659	nq/ul#	96
88) Benzo(k)fluoranthene	22.79	252	160272	3.363	nq/ul#	95
90) Benzo(a)pyrene	23.31	252	292847	6.139	nq/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	192304	3.297	nq/ul#	92
92) Dibenzo(a,h)anthracene	25.60	278	53722	1.094	nq/ul#	90
93) Benzo(g,h,i)perylene	26.27	276	149197	3.061	nq/ul#	91

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