

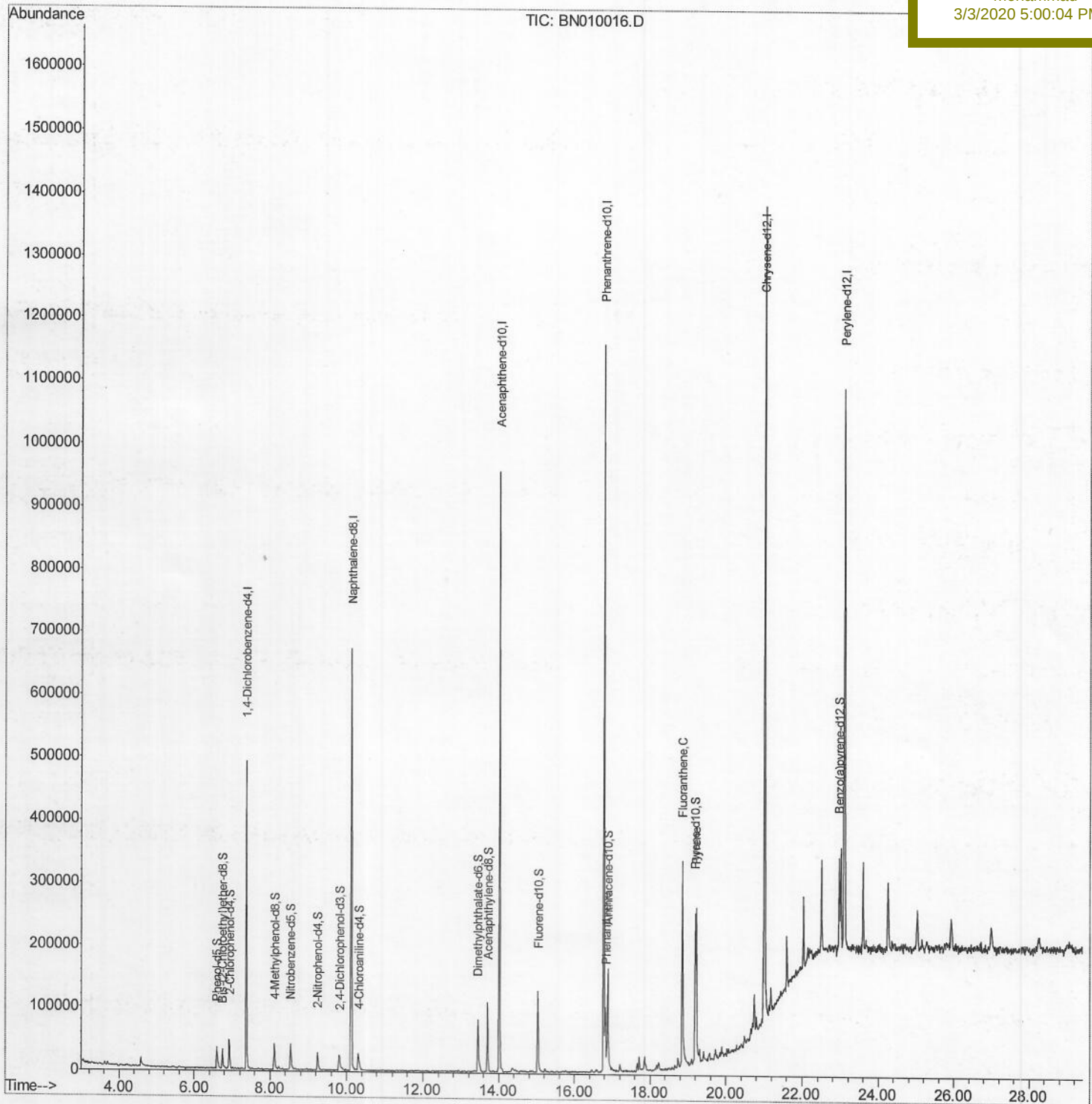
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
Data File : BN010016.D
Acq On : 29 Feb 2020 09:54
Operator : CG/JU
Sample : L1516-16RX
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 08:54:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
DBD74RX

Manual Integrations
APPROVED

mohammad
3/3/2020 5:00:04 PM



Quantitation Report (Qedit)

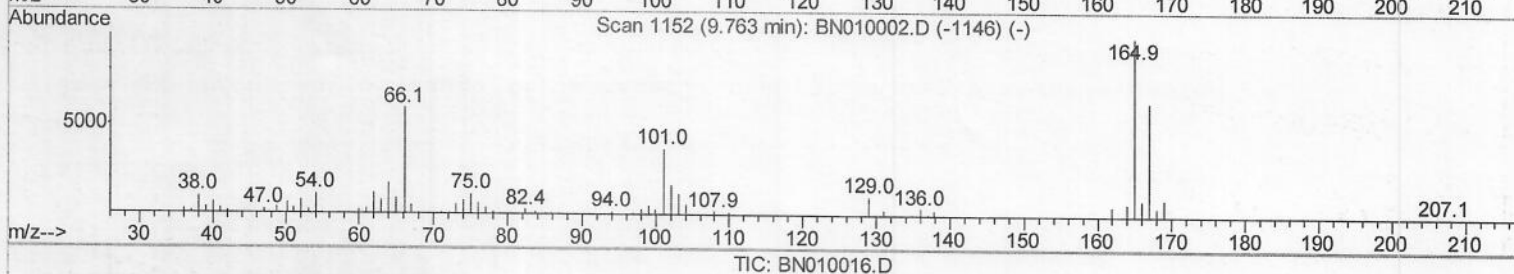
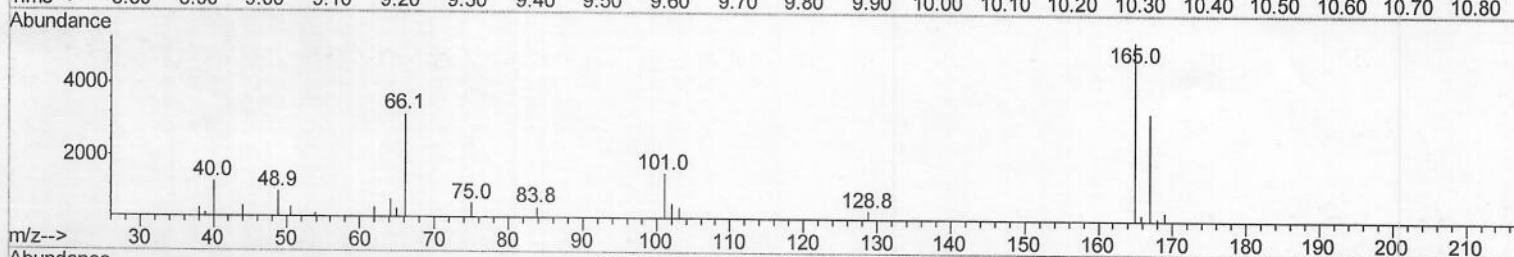
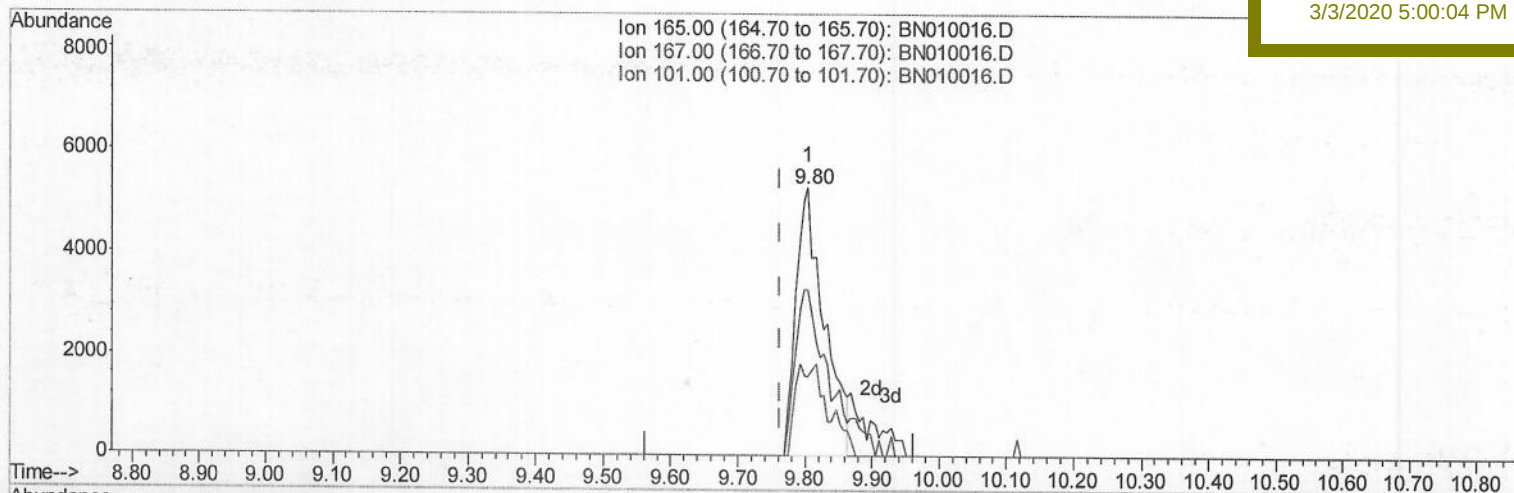
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010016.D
 Acq On : 29 Feb 2020 09:54
 Operator : CG/JU
 Sample : L1516-16RX
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 05:54:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 DBD74RX

Manual Integrations
 APPROVED

mohammad
 3/3/2020 5:00:04 PM



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

9.805min (+0.041) 1.97ng/ul

response 15436

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	62.36
101.00	36.10	29.50
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\

Data File : BN010016.D

Acq On : 29 Feb 2020 09:54

Operator : CG/JU

Sample : L1516-16RX

Misc :

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 05:54:03 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Feb 29 01:38:10 2020

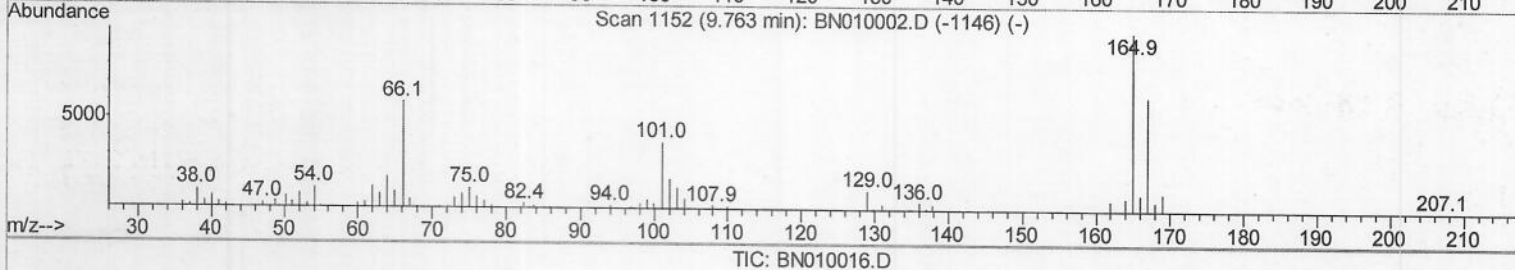
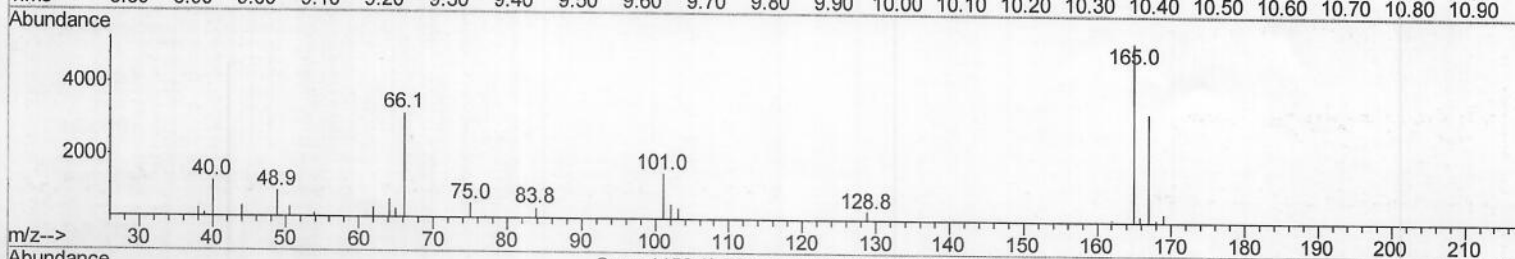
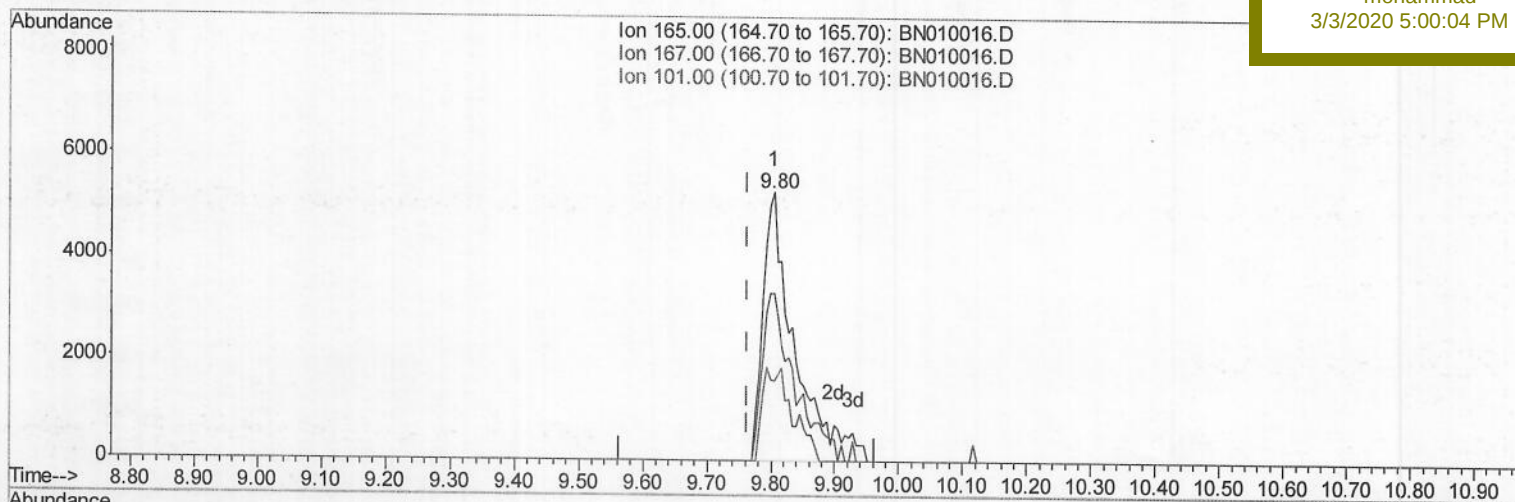
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

DBD74RX

Manual Integrations
APPROVEDmohammad
3/3/2020 5:00:04 PM

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

9.805min (+0.041) 2.33ng/ul m

JU 03/05/20

response 18250

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	62.36
101.00	36.10	29.50
0.00	0.00	0.00

Quantitation Report (Qedit)

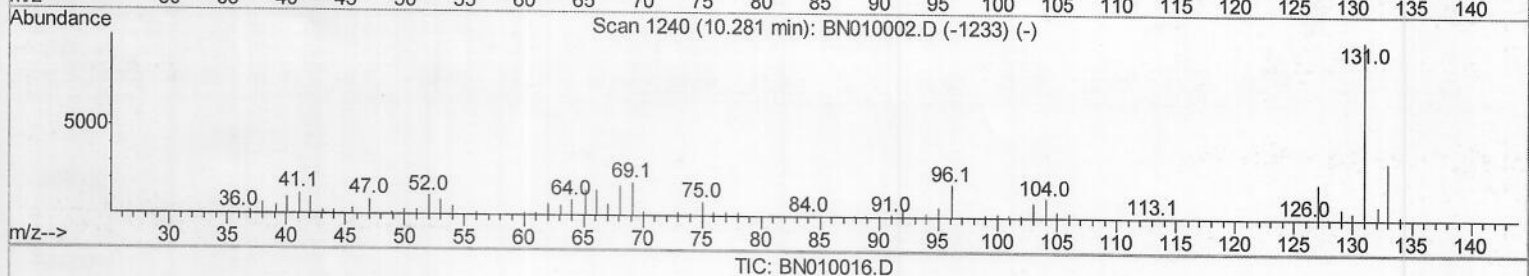
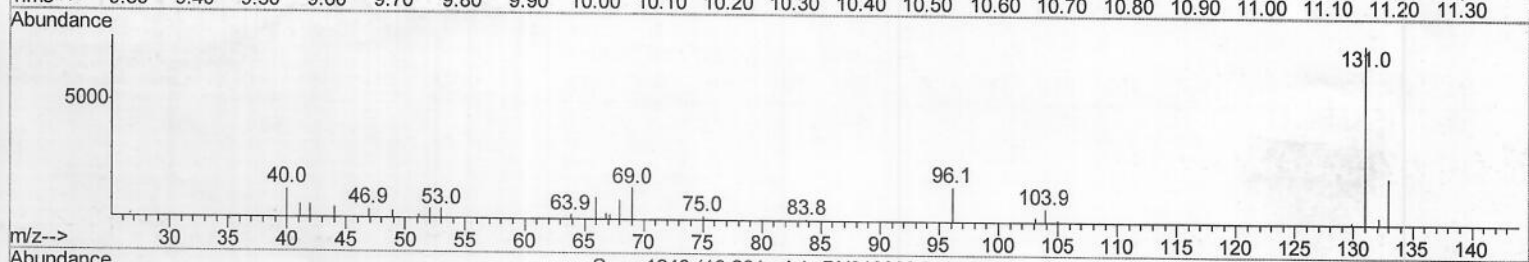
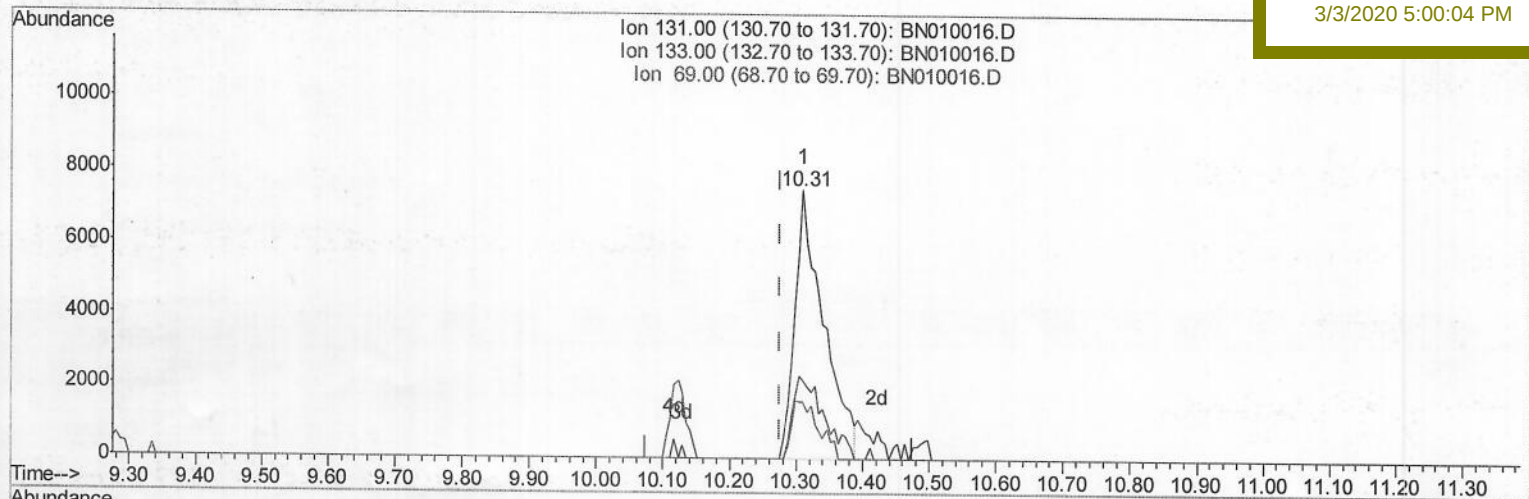
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010016.D
 Acq On : 29 Feb 2020 09:54
 Operator : CG/JU
 Sample : L1516-16RX
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 05:54:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 DBD74RX

Manual Integrations
 APPROVED

mohammad
 3/3/2020 5:00:04 PM



TIC: BN010016.D

(29) 4-Chloroaniline-d4 (S)
 10.310min (+0.035) 2.53ng/ul
 response 22248

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	29.10
69.00	22.10	21.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\

Data File : BN010016.D

Acq On : 29 Feb 2020 09:54

Operator : CG/JU

Sample : L1516-16RX

Misc :

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 05:54:03 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Feb 29 01:38:10 2020

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

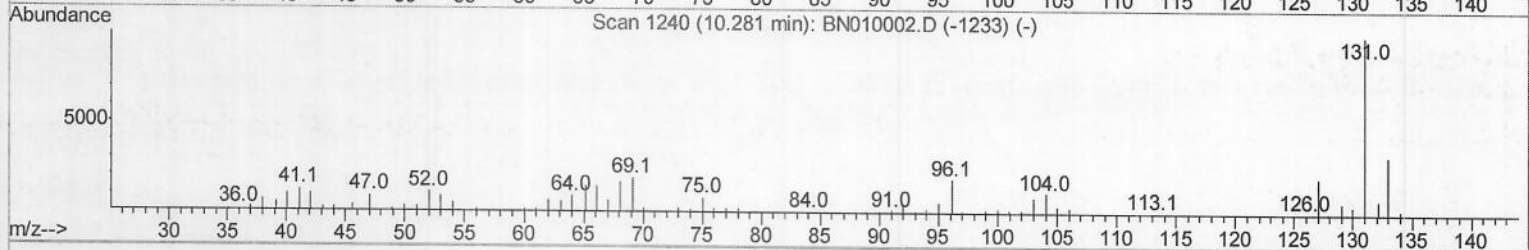
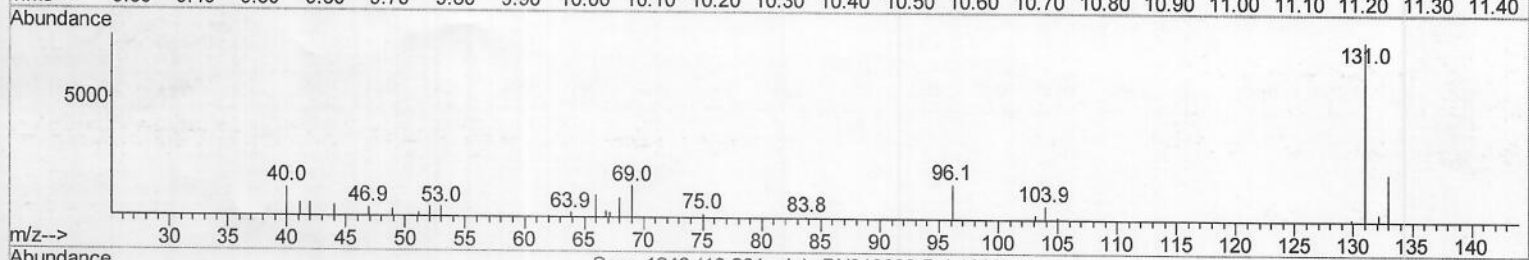
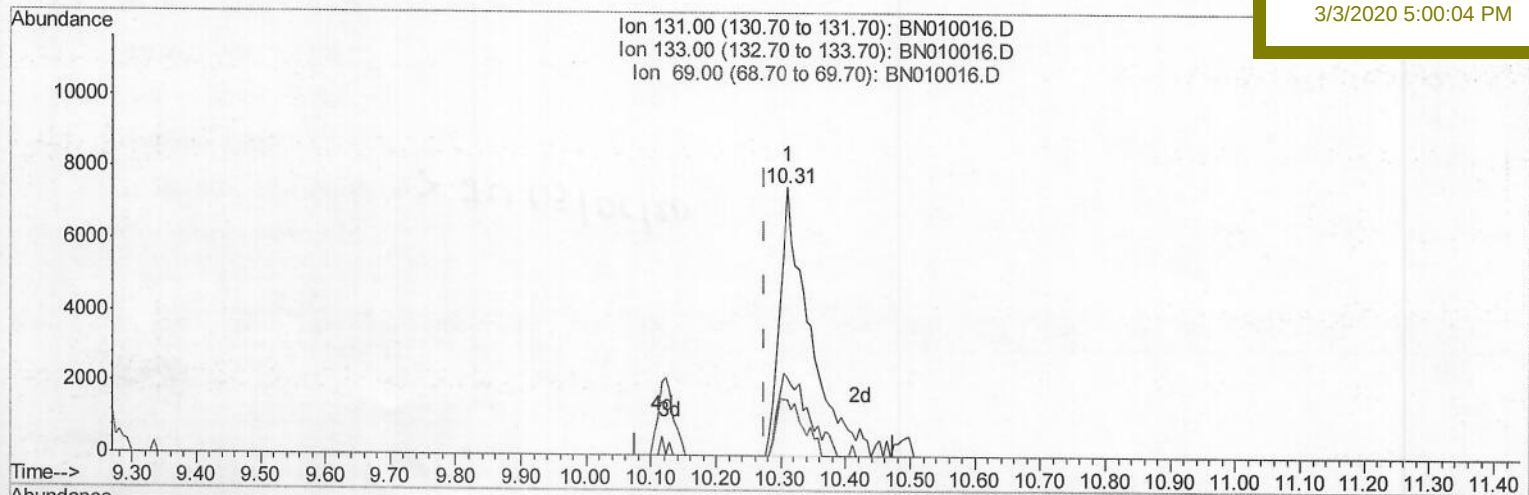
DBD74RX

Manual Integrations

APPROVED

mohammad

3/3/2020 5:00:04 PM



TIC: BN010016.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.035) 2.75ng/ul m

> JU 03 105/20

response 24217

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	29.10
69.00	22.10	21.13
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\

Data File : BN010016.D

Acq On : 29 Feb 2020 09:54

Operator : CG/JU

Sample : L1516-16RX

Misc :

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 05:54:03 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Feb 29 01:38:10 2020

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

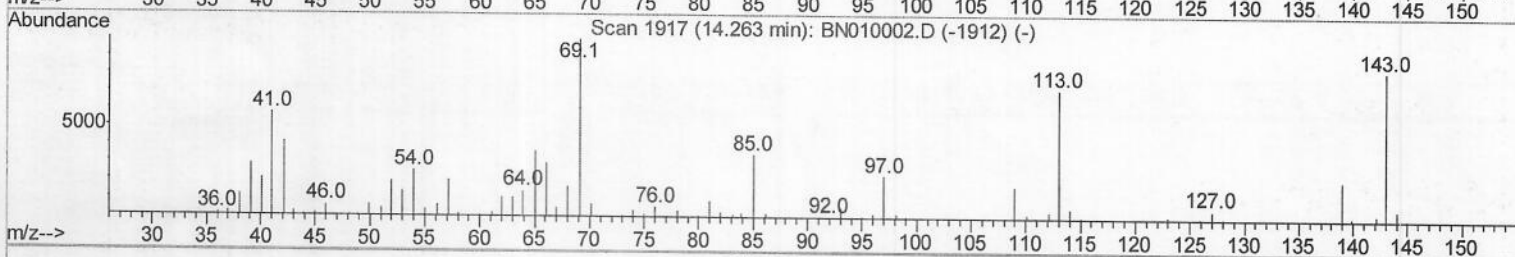
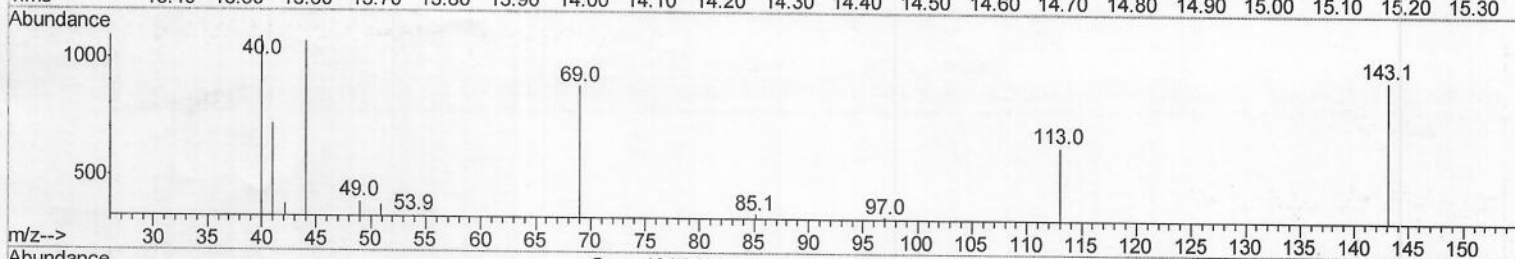
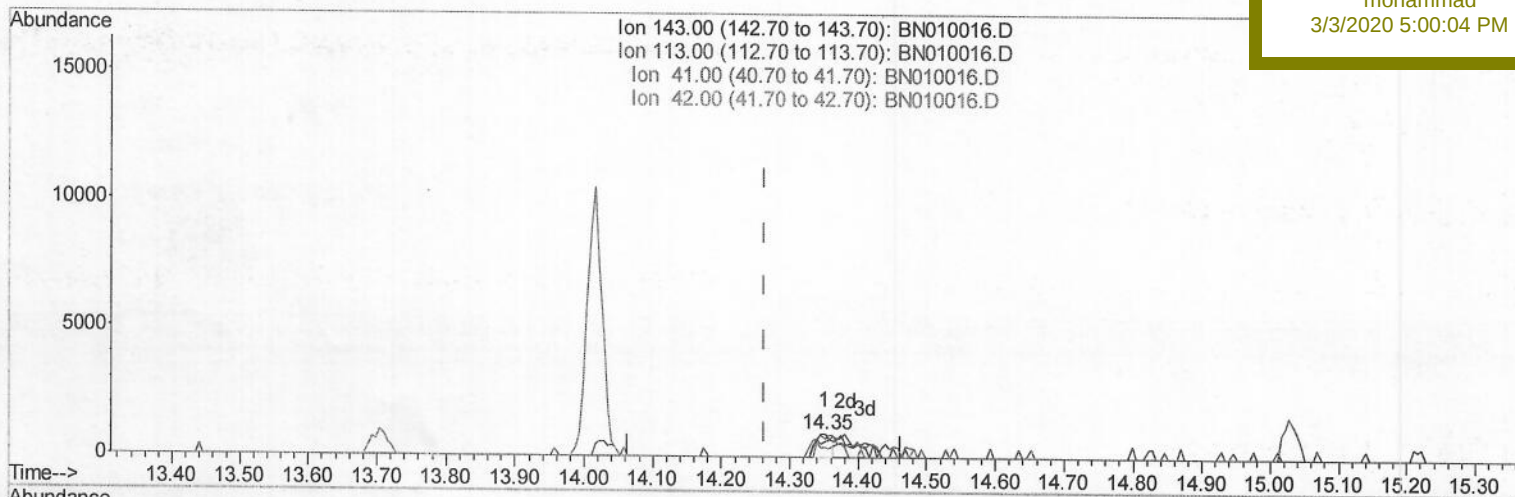
DBD74RX

Manual Integrations

APPROVED

mohammad

3/3/2020 5:00:04 PM



TIC: BN010016.D

(52) 4-Nitrophenol-d4 (S)

14.351min (+0.088) 0.36ng/ul

response 1502

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	68.97#
41.00	66.00	78.02
42.00	43.20	40.95

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\

Data File : BN010016.D

Acq On : 29 Feb 2020 09:54

Operator : CG/JU

Sample : L1516-16RX

Misc :

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 05:54:03 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Feb 29 01:38:10 2020

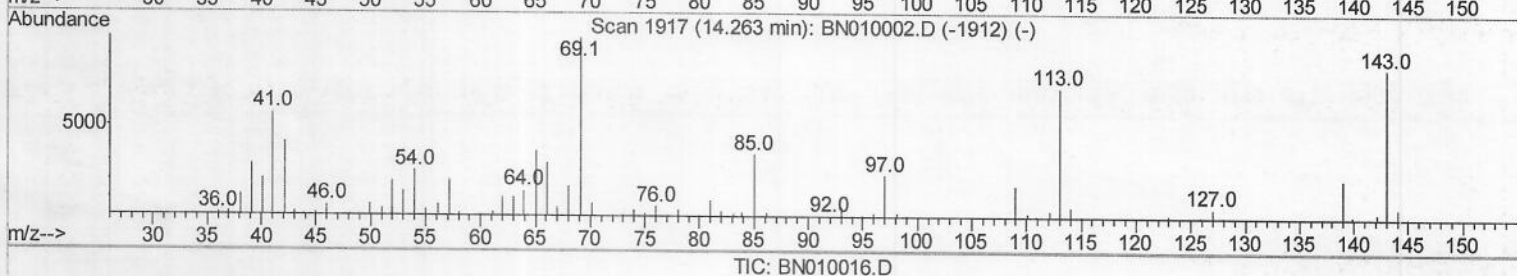
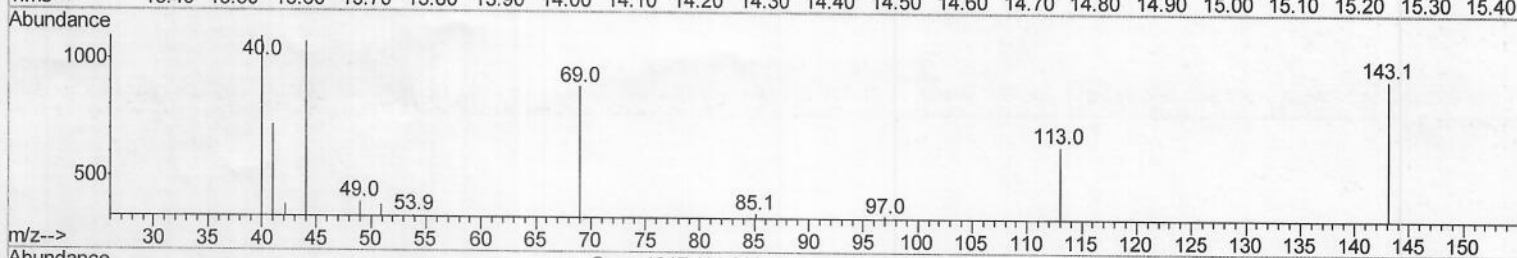
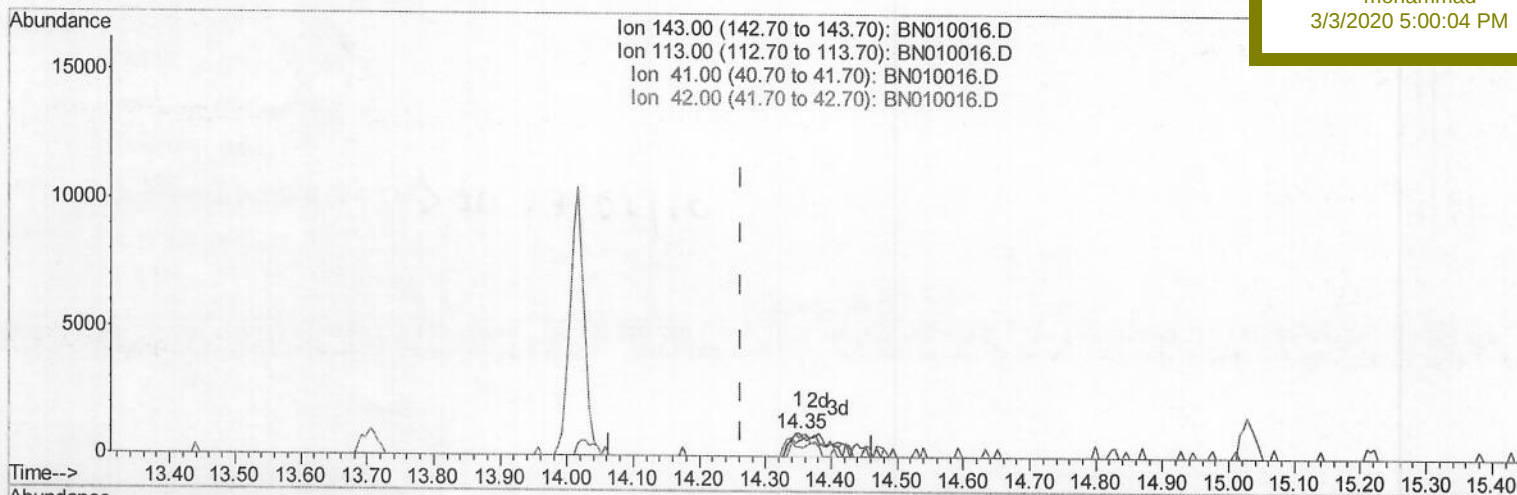
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

DBD74RX

Manual Integrations
APPROVEDmohammad
3/3/2020 5:00:04 PM

(52) 4-Nitrophenol-d4 (S)

14.351min (+0.088) 0.88ng/ul m

response 3719

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	68.97#
41.00	66.00	78.02
42.00	43.20	40.95

J03/05/20

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010016.D
 Acq On : 29 Feb 2020 09:54
 Operator : CG/JU
 Sample : L1516-16RX
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Mar 02 08:54:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 DBD74RX

Manual Integrations
 APPROVED

mohammad
 3/3/2020 5:00:04 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	115723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	509007	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	309072	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	631064	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	550736	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	566337	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	819	0.29	ng/uL	0.02
5) Phenol-d5	6.60	99	23624	2.40	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	6.75	67	18376	2.71	ng/ul	0.01
9) 2-Chlorophenol-d4	6.92	132	20781	2.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	18054	2.31	ng/ul	0.02
19) Nitrobenzene-d5	8.53	128	8849	2.38	ng/ul	0.01
22) 2-Nitrophenol-d4	9.24	143	8729	2.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.80	165	18250m	2.33	ng/ul	0.04
29) 4-Chloroaniline-d4	10.31	131	24217m	2.75	ng/ul	0.04
44) Dimethylphthalate-d6	13.45	166	62989	2.73	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	74031	2.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	3719m	0.88	ng/ul	0.09
58) Fluorene-d10	15.03	176	54499	2.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	1828	0.47	ng/ul	0.04
71) Anthracene-d10	16.88	188	88137	3.05	ng/ul	0.00
79) Pyrene-d10	19.19	212	94622	3.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	92185	3.26	ng/ul	0.00

JU 03/05/20

Target Compounds				Ovalue	
70) Phenanthrene	16.82	178	79028	2.194	ng/ul 97
77) Fluoranthene	18.85	202	244854	5.804	ng/ul 99
80) Pyrene	19.22	202	167522	4.219	ng/ul 98

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