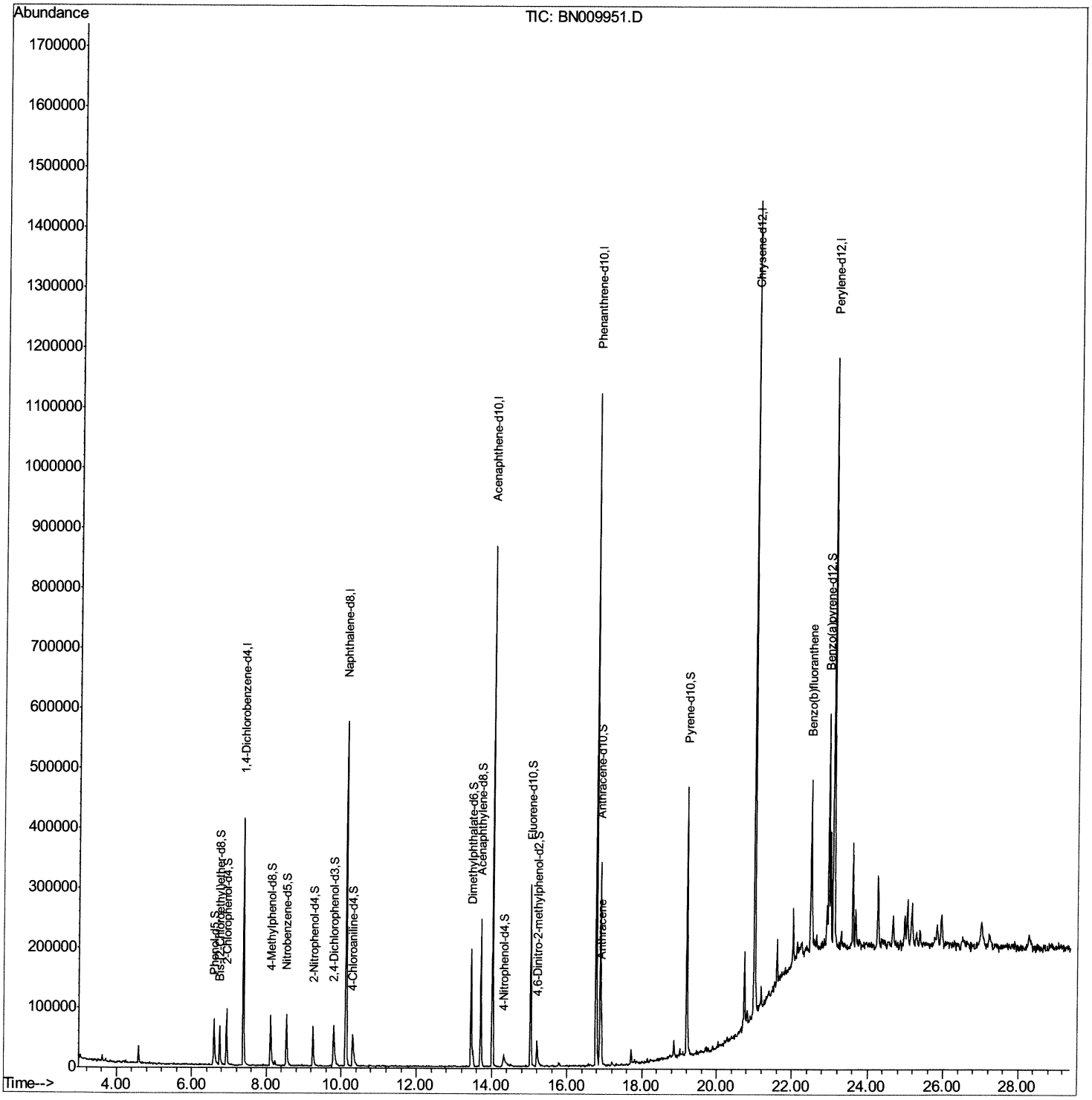
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 08:49:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
Operator : CG/JU
Sample : L1612-21
Misc :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
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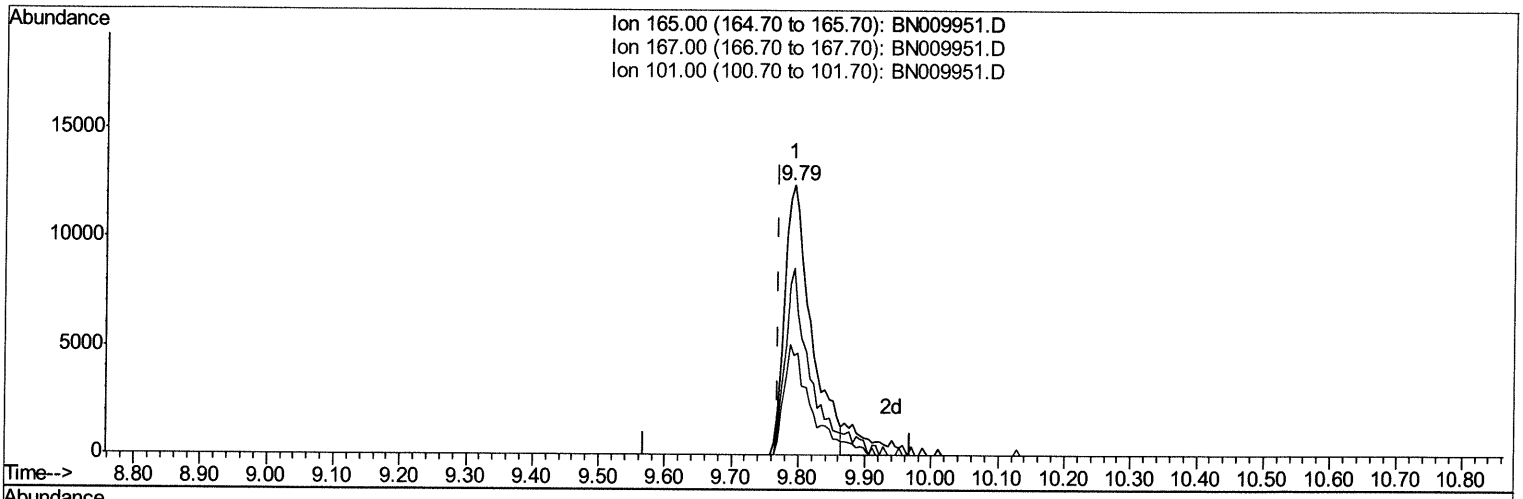
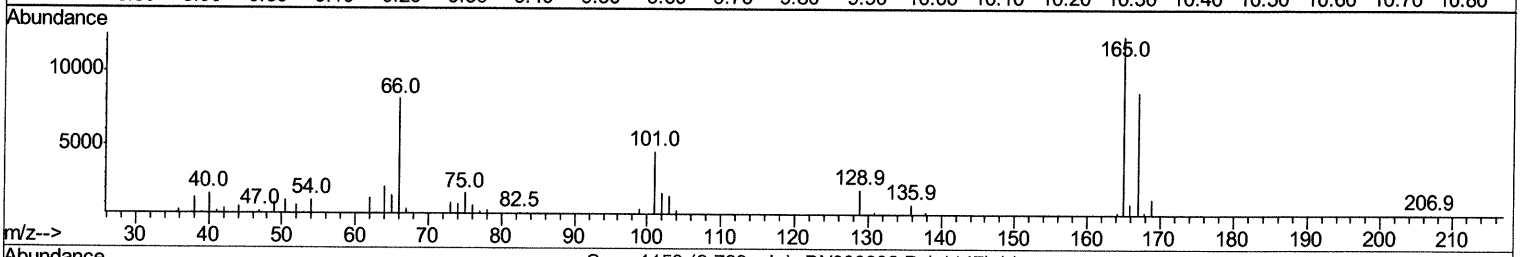
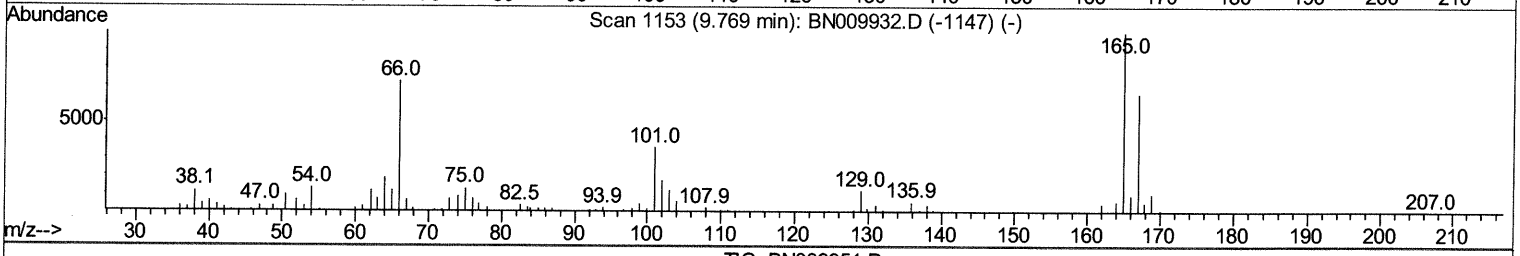
Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM







TIC: BN009951.D

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

9.793min (+0.024) 5.21ng/ul

response 34427

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	69.04
101.00	36.10	36.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
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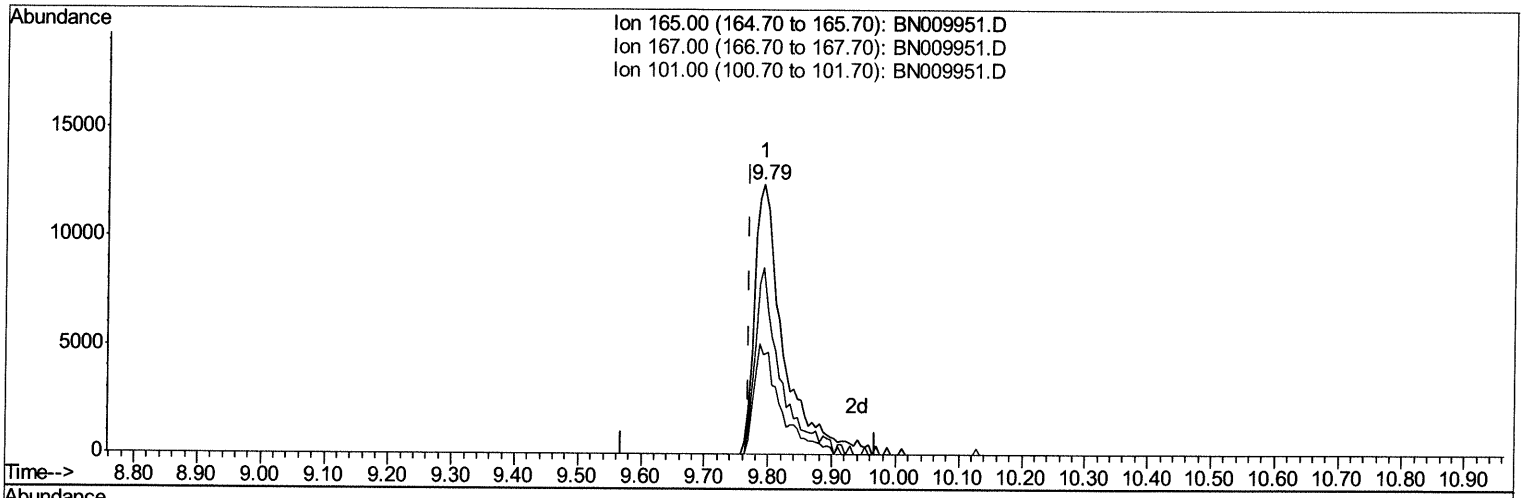
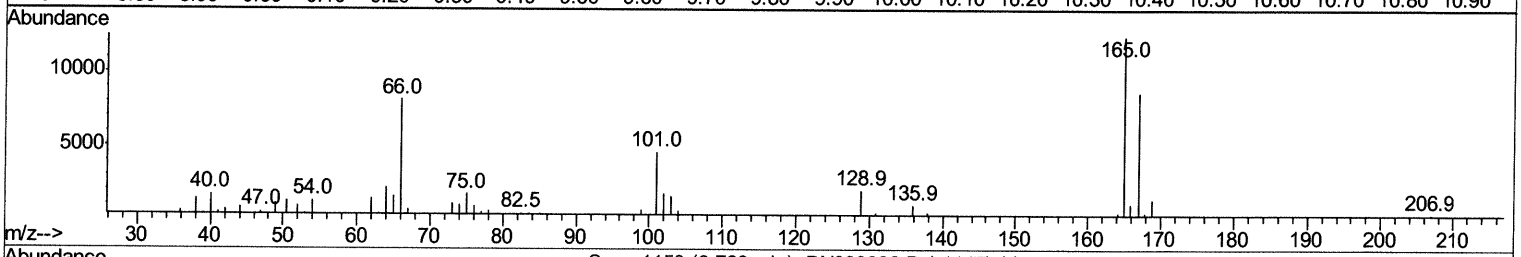
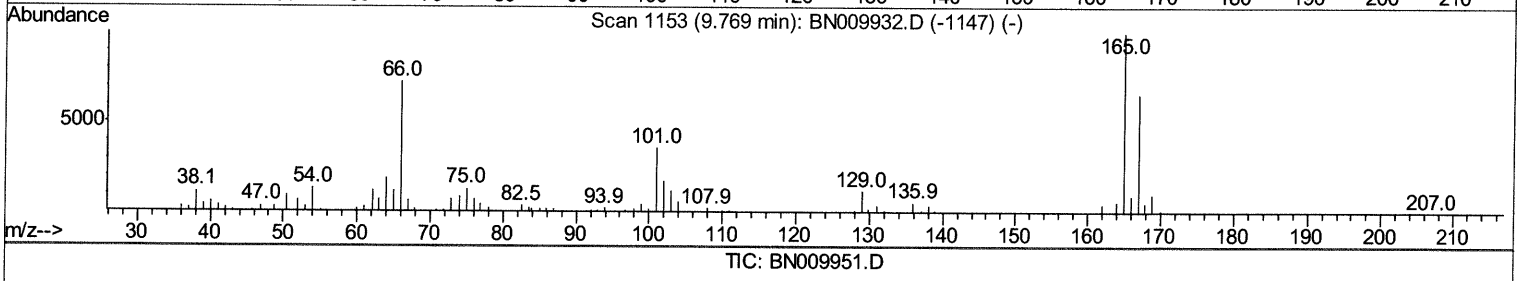
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM







TIC: BN009951.D

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

9.793min (+0.024) 5.86ng/ul m JU 02/27/20

response 38711

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	69.04
101.00	36.10	36.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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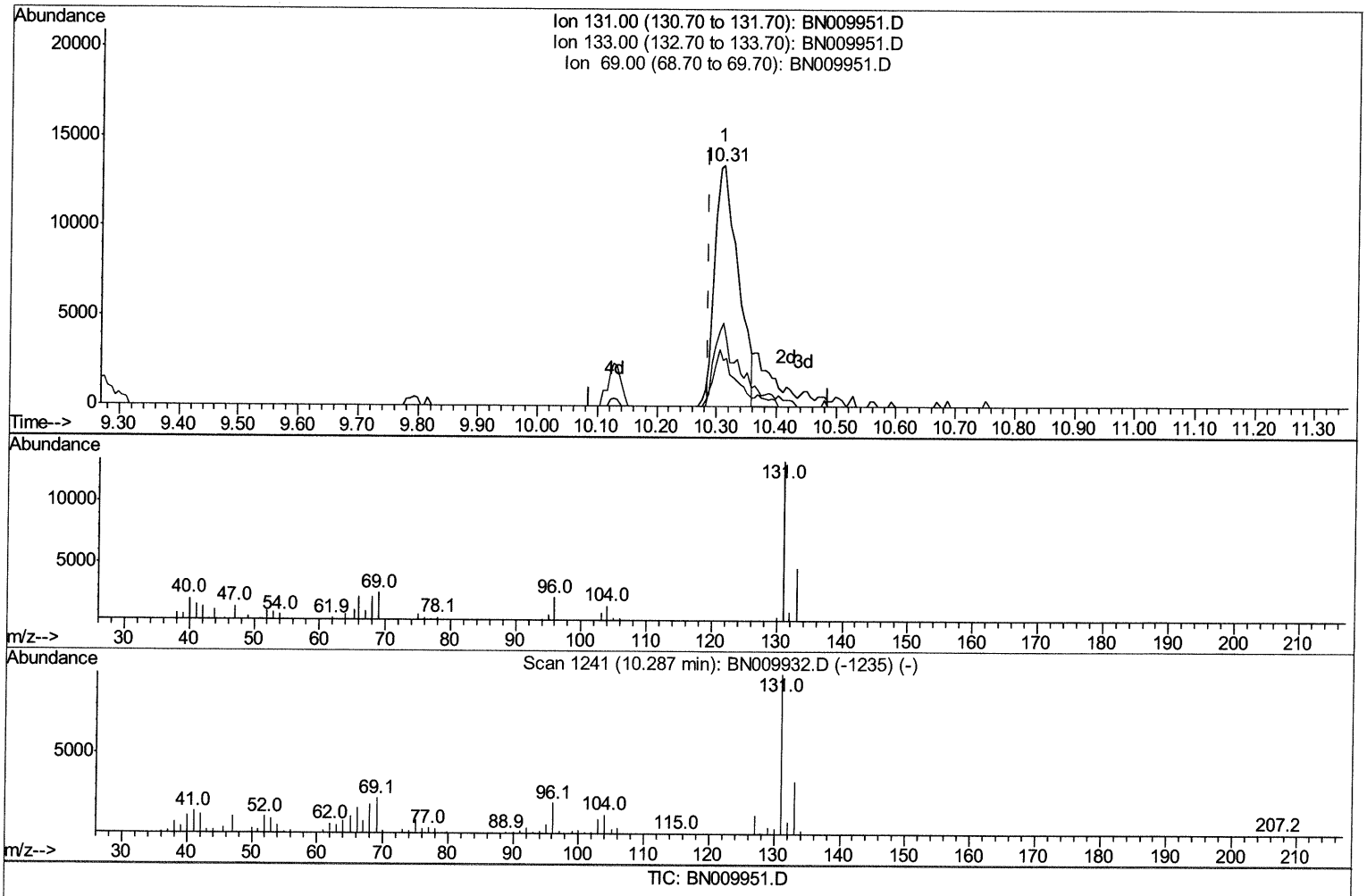

TIC: BN009951.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.024) 4.93ng/ul

response 36556

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	34.59
69.00	22.10	18.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 07:19:42 2020
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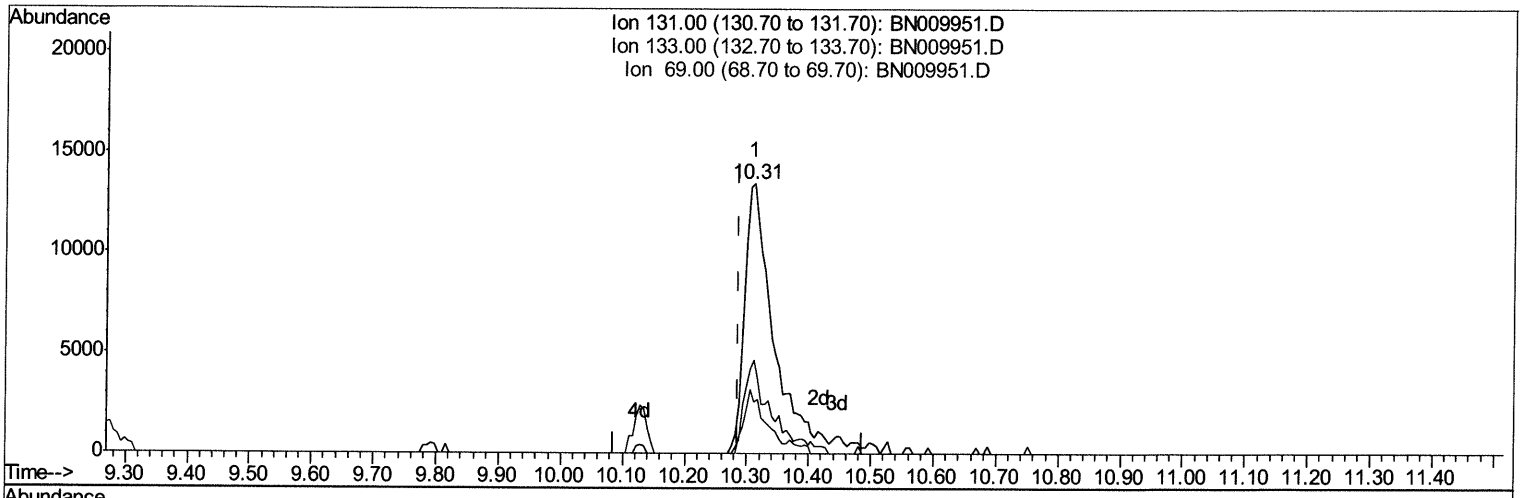
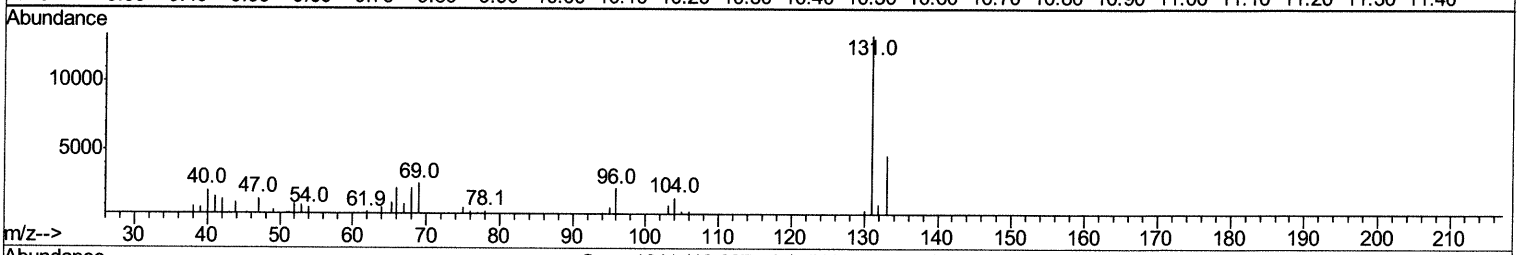
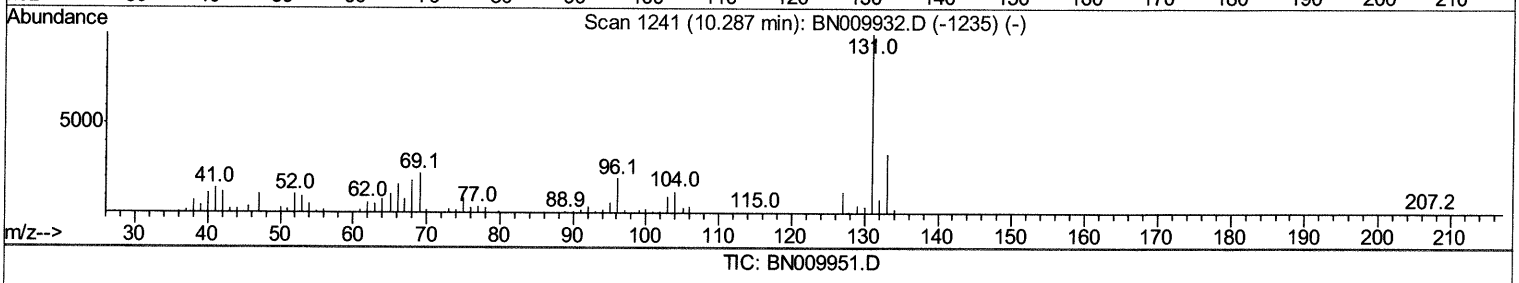
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM







TIC: BN009951.D

(29) 4-Chloroaniline-d4 (S)

10.310min (+0.024) 6.22ng/ul m JU 02/27/20

response 46177

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	34.59
69.00	22.10	18.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 07:19:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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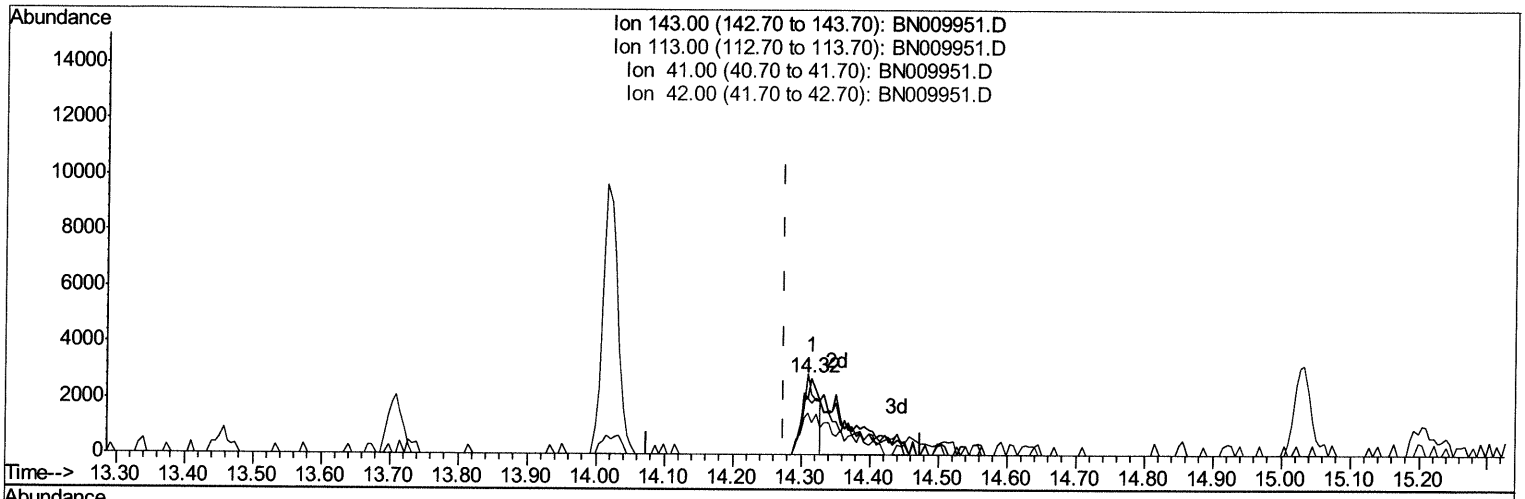
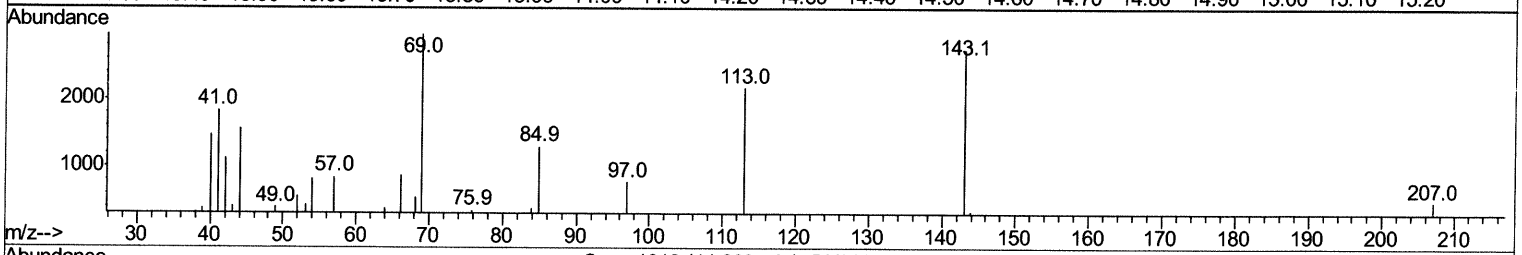
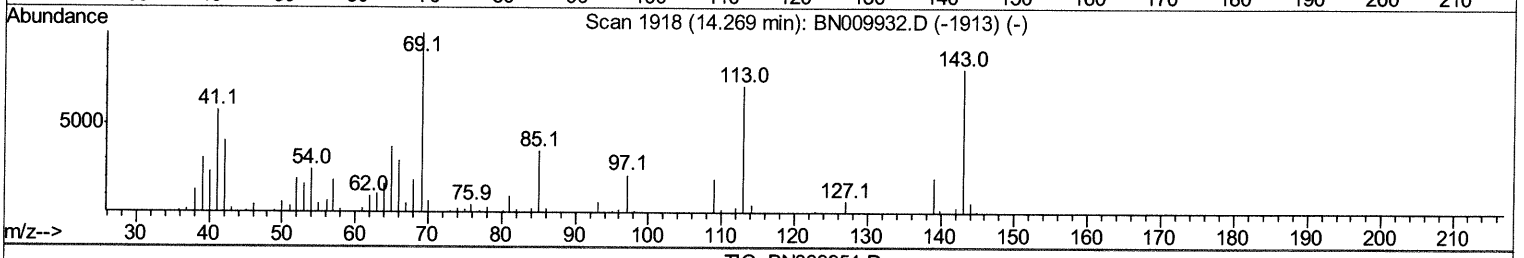
Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM







TIC: BN009951.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.041) 1.16ng/ul

response 4414

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.34
41.00	66.00	66.72
42.00	43.20	40.99

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
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Acq On : 27 Feb 2020 05:31
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Sample : L1612-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 07:19:42 2020
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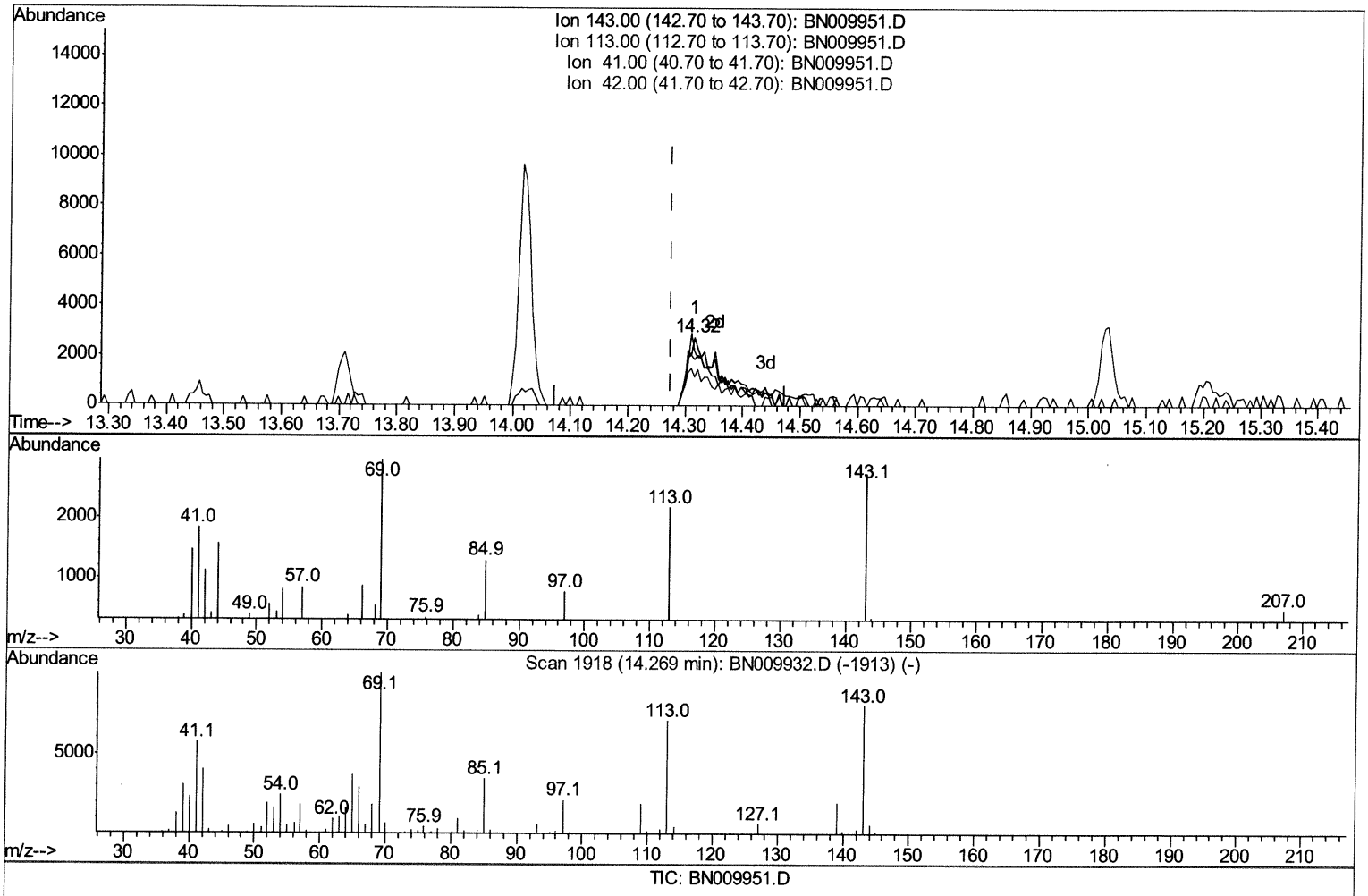
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM



TIC: BN009951.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.041) 3.04ng/ul m JU 02/27/20

response 11535

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.34
41.00	66.00	66.72
42.00	43.20	40.99

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 07:19:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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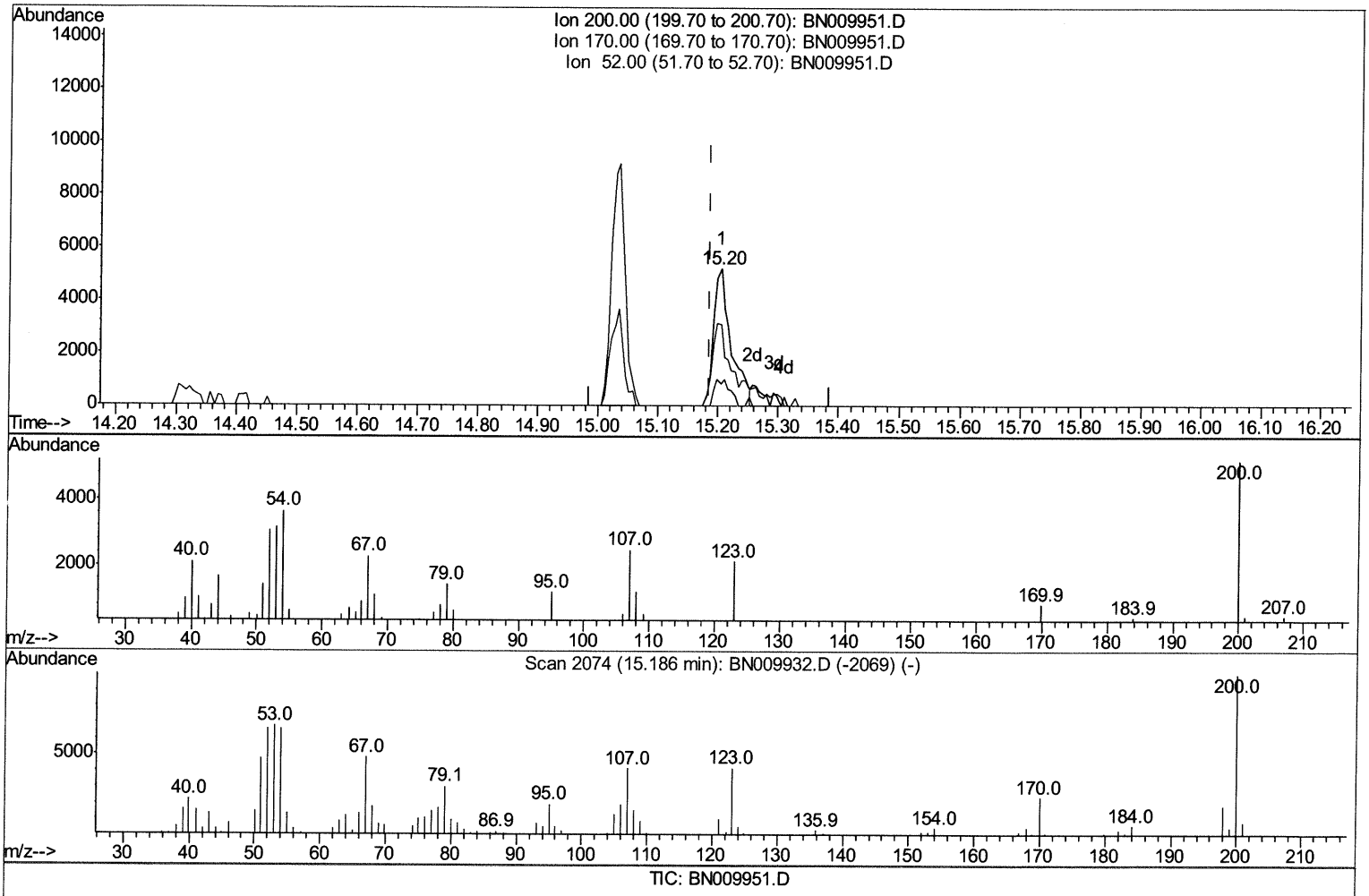
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM



TIC: BN009951.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.204min (+0.018) 2.78ng/ul

response 10450

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	15.94#
52.00	71.30	59.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
Operator : CG/JU
Sample : L1612-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 07:19:42 2020
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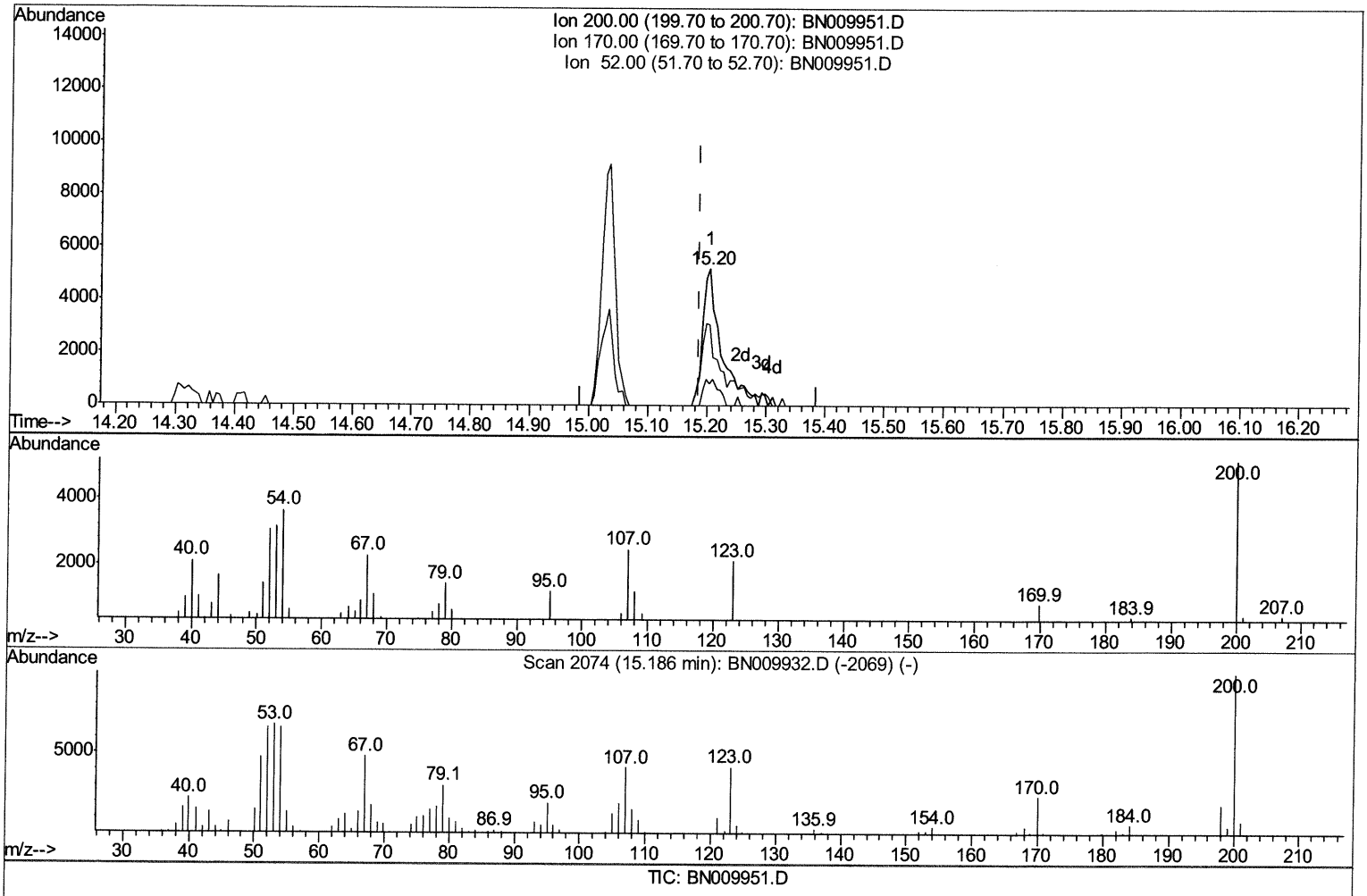
Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM



TIC: BN009951.D

(63) 4,6-Dinitro-2-methylphenol-d2 (S)

15.204min (+0.018) 3.06ng/ul m JU 02/27/20

response 11479

Ion	Exp%	Act%
200.00	100	100
170.00	22.10	15.94#
52.00	71.30	59.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
Data File : BN009951.D
Acq On : 27 Feb 2020 05:31
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Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Feb 27 08:47:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
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Manual Integrations APPROVED
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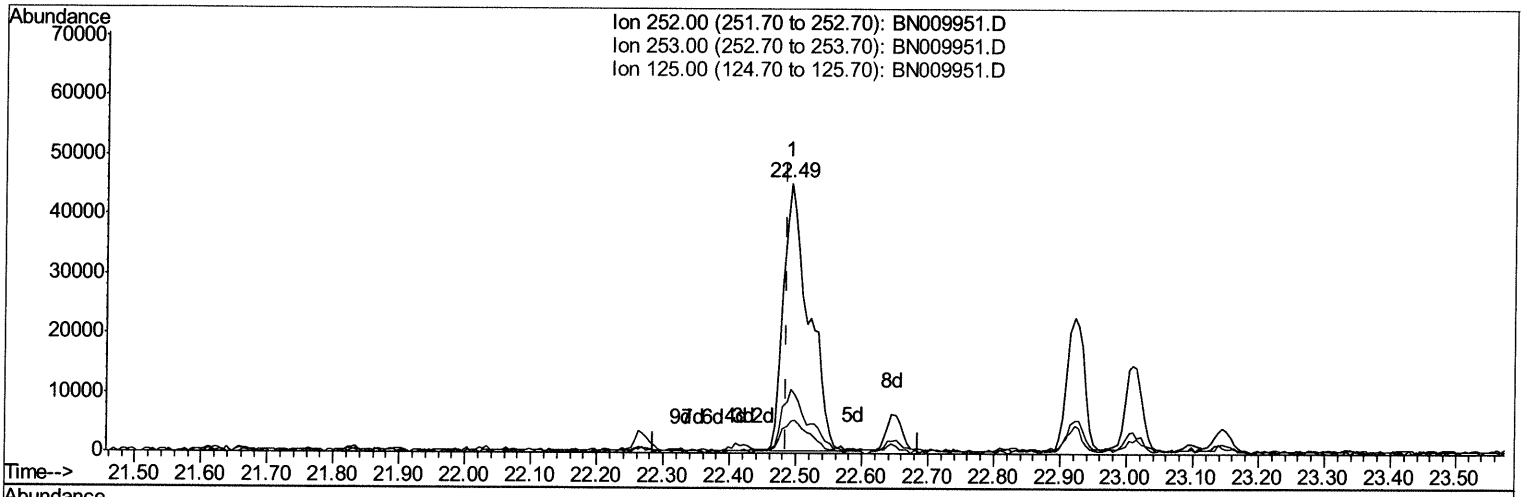
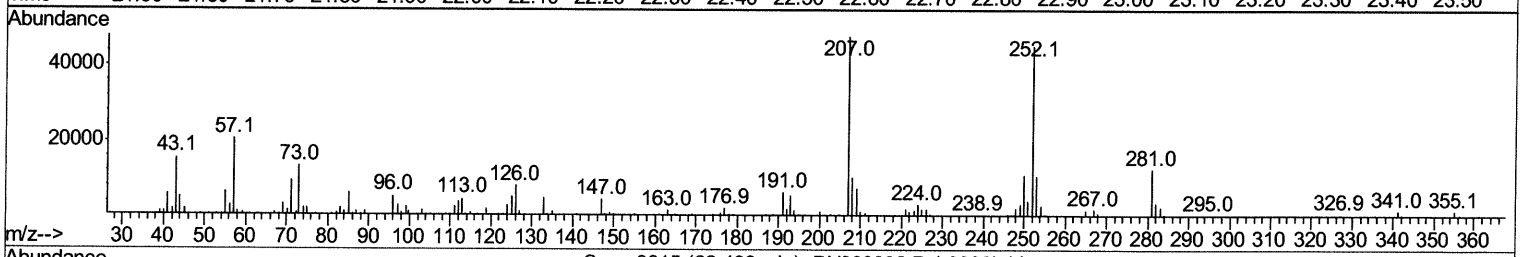
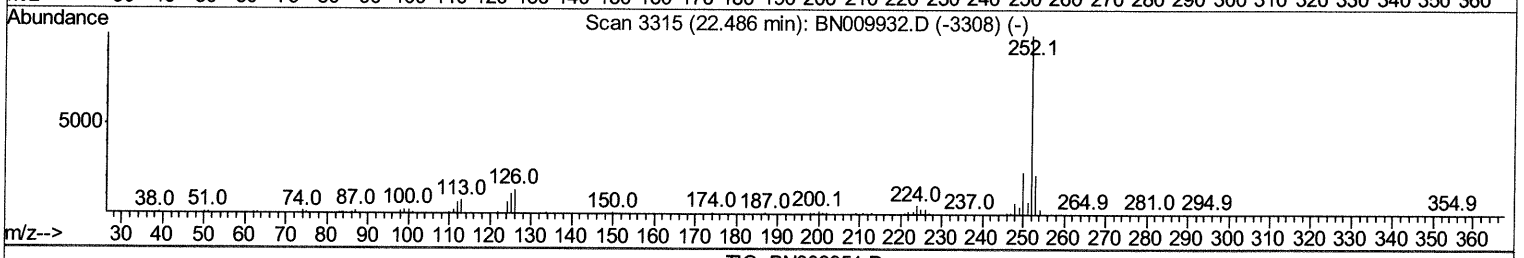
2/27/2020 4:57:58 PM







TIC: BN009951.D

(88) Benzo(b)fluoranthene

22.492min (+0.006) 3.03ng/ul

response 118772

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.75
125.00	10.00	11.78
0.00	0.00	0.00

Quantitation Report (Qedit)

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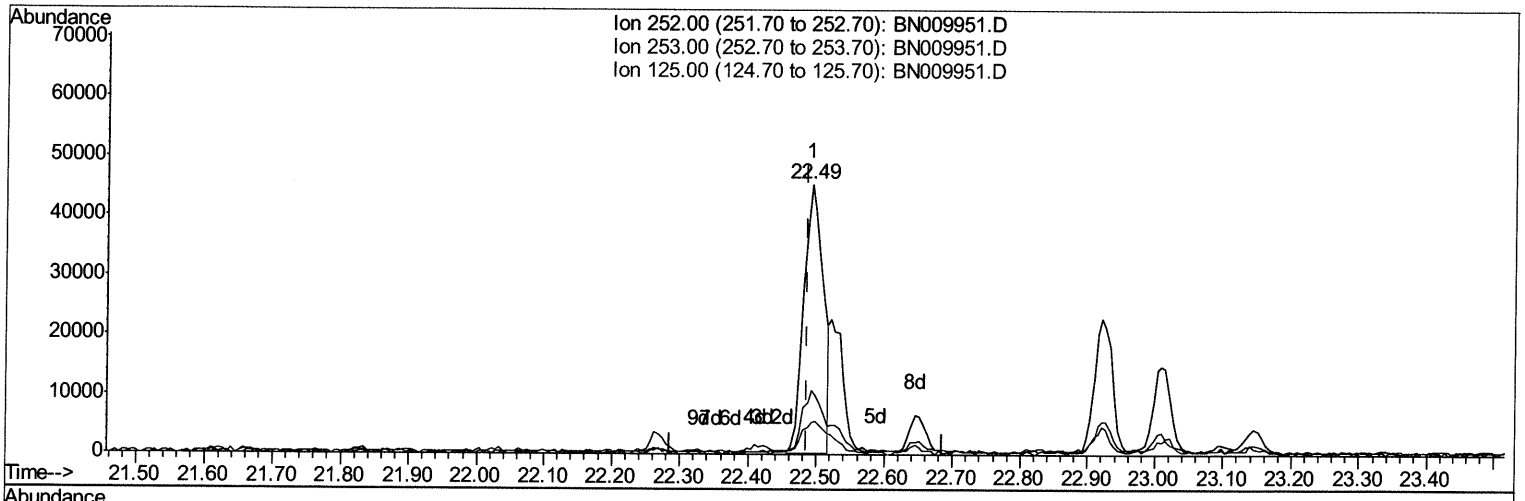
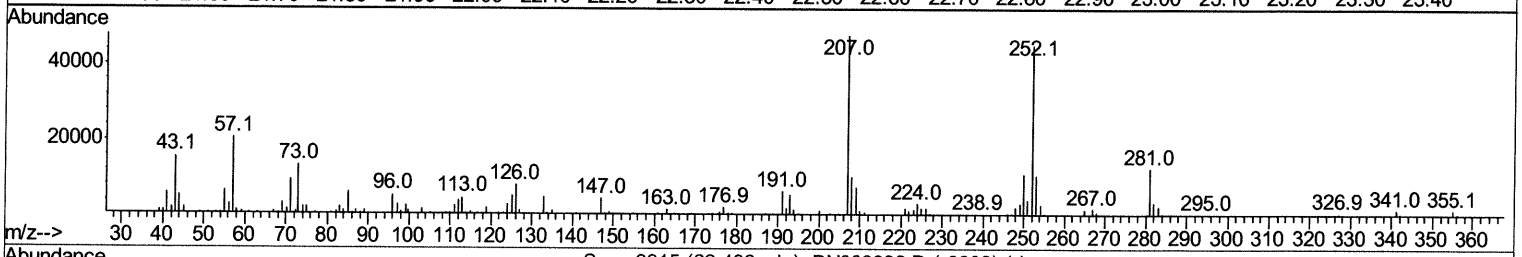
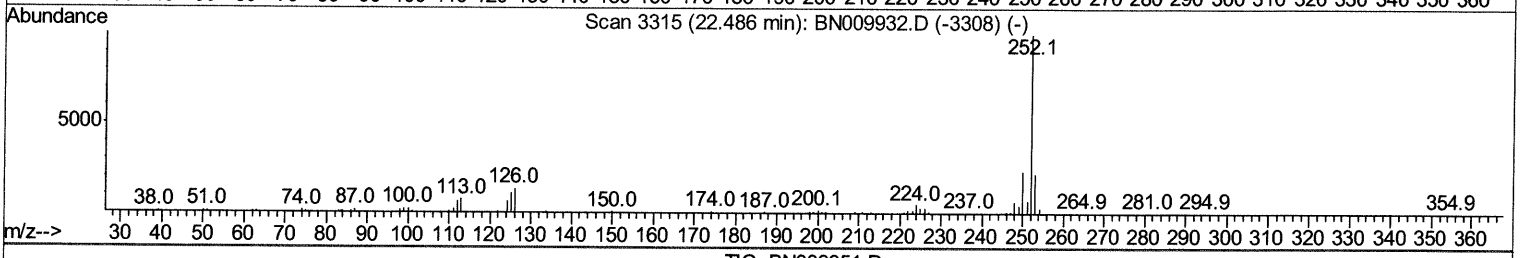
Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM







TIC: BN009951.D

(88) Benzo(b)fluoranthene

22.492min (+0.006) 2.28ng/ul m JU 02/27/20

response 89447

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.75
125.00	10.00	11.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_N
ClientSampleId :
DBDM3

Manual Integrations APPROVED
mohammad
2/27/2020 4:57:58 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.38	152	97666	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.13	136	429310	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.02	164	278031	20.00	ng/ul	0.00	
62) Phenanthrene-d10	16.78	188	604179	20.00	ng/ul	0.00	
78) Chrysene-d12	21.00	240	595641	20.00	ng/ul	0.00	
86) Perylene-d12	23.10	264	604550	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.03	96	2173	0.92	ng/uL	0.00	
5) Phenol-d5	6.59	99	47887	5.76	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.74	67	38064	6.64	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.93	132	39774	6.36	ng/ul	0.00	
13) 4-Methylphenol-d8	8.11	113	34381	5.20	ng/ul	0.01	
19) Nitrobenzene-d5	8.53	128	18470	5.88	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.25	143	19203	5.59	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.79	165	38711m	5.86	ng/ul	0.02	JU 02/27/20
29) 4-Chloroaniline-d4	10.31	131	46177m	6.22	ng/ul	0.02	
44) Dimethylphthalate-d6	13.46	166	138566	6.67	ng/ul	0.00	
47) Acenaphthylene-d8	13.71	160	157943	6.46	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.32	143	11535m	3.04	ng/ul	0.04	JU 02/27/20
58) Fluorene-d10	15.03	176	125167	6.98	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.20	200	11479m	3.06	ng/ul	0.02	JU 02/27/20
71) Anthracene-d10	16.88	188	186157	6.72	ng/ul	0.00	
79) Pyrene-d10	19.19	212	226943	7.29	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.97	264	224699	7.44	ng/ul	0.00	
Target Compounds						Qvalue	
72) Anthracene	16.92	178	71047	2.016	ng/ul	95	
88) Benzo(b)fluoranthene	22.49	252	89447m	2.282	ng/ul		JU 02/27/20

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