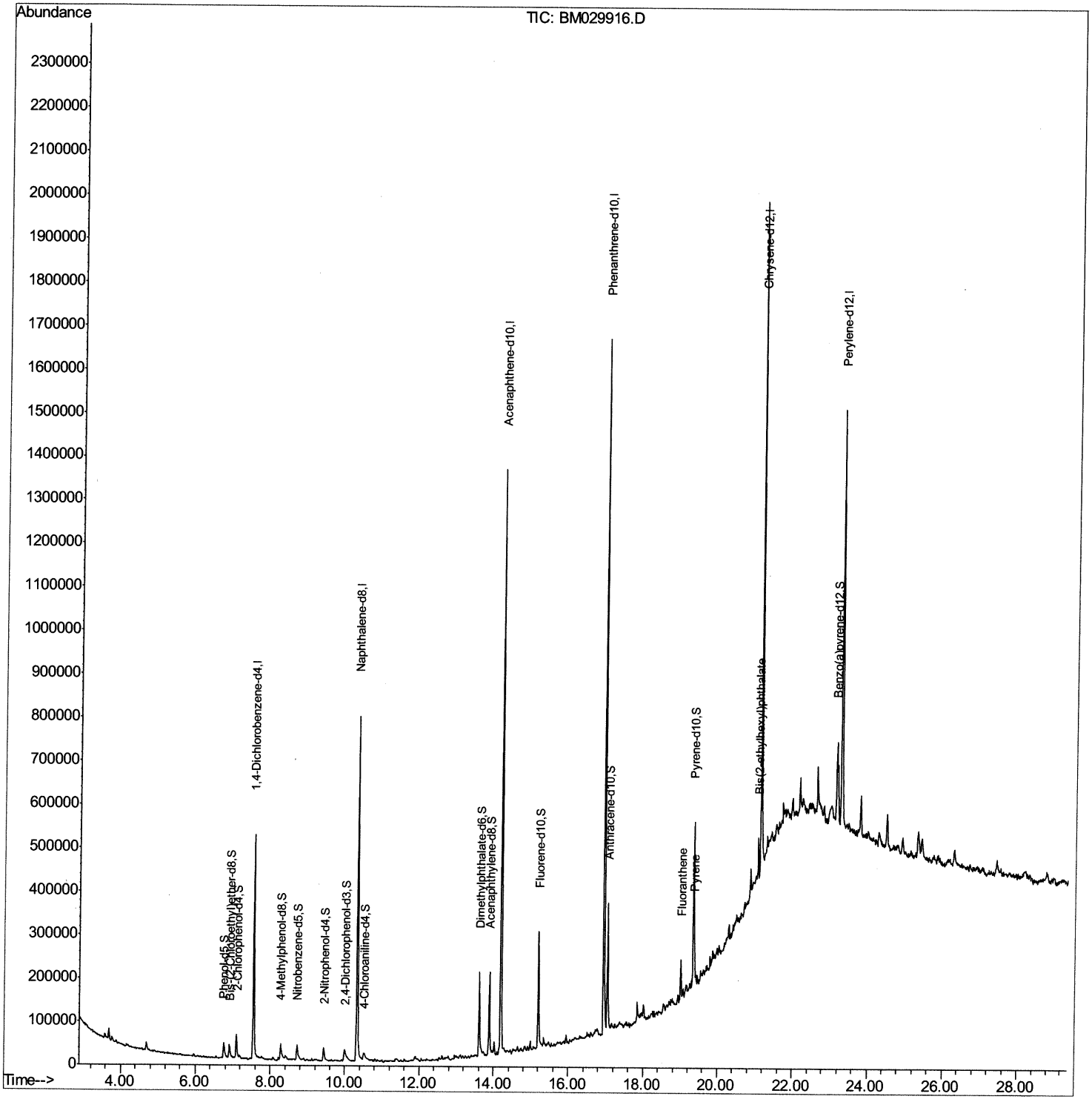
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 02:37:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM



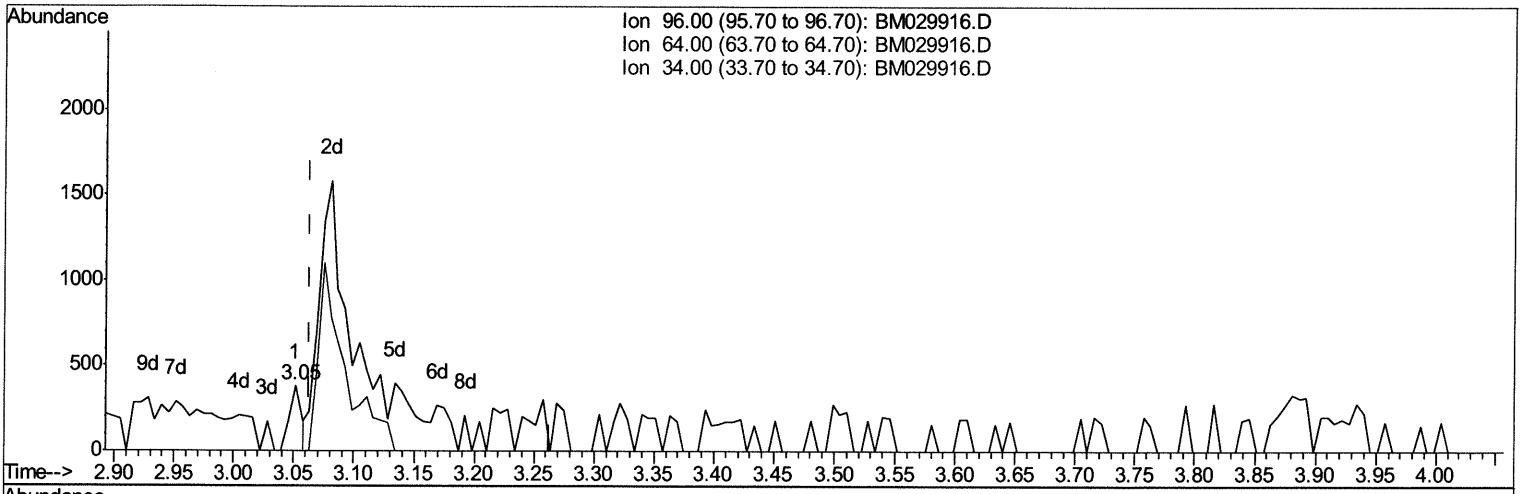
Quantitation Report (Qedit)

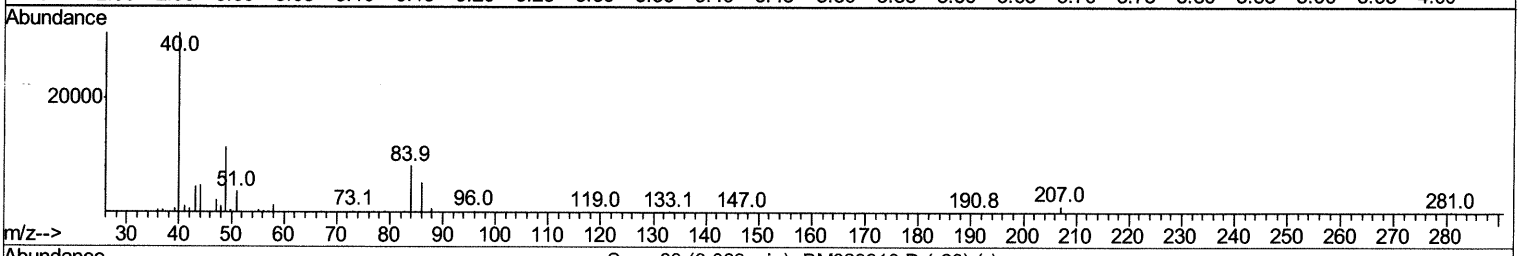
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

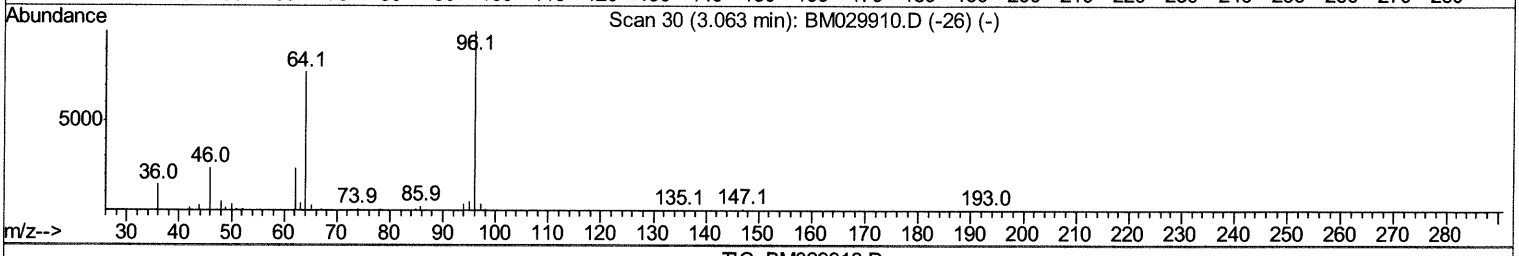
Quant Time: May 11 02:12:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(3) 1,4-Dioxane-d8 (S)

3.052min (-0.012) 0.07ng/uL

response 254

Ion	Exp%	Act%
96.00	100	100
64.00	75.50	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

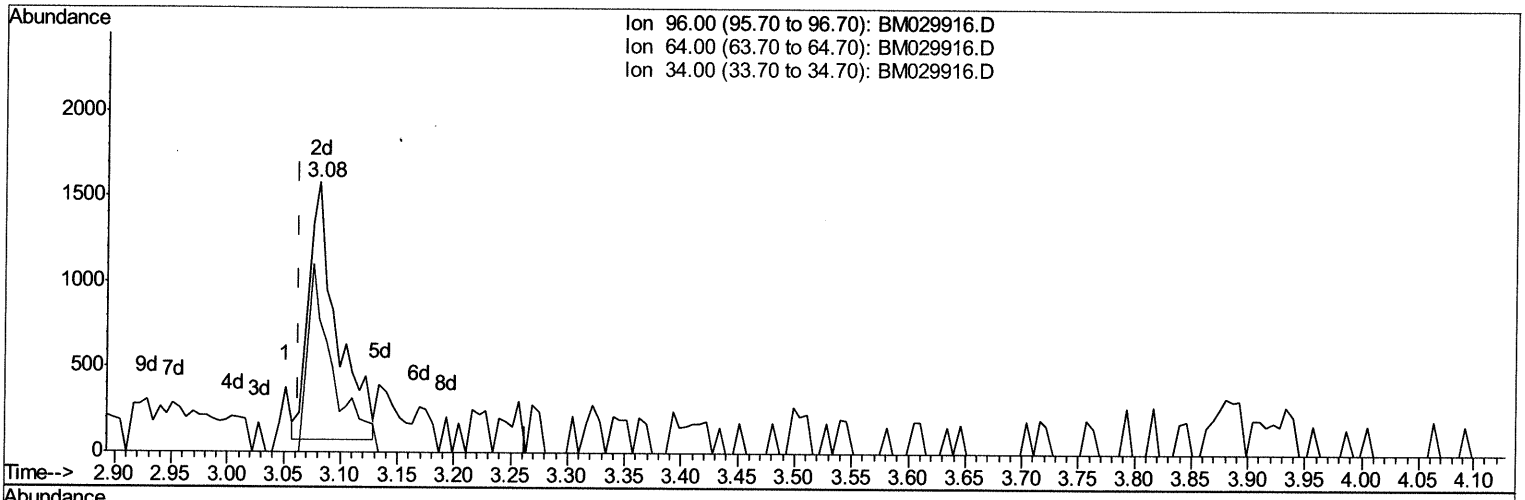
Quantitation Report (Qedit)

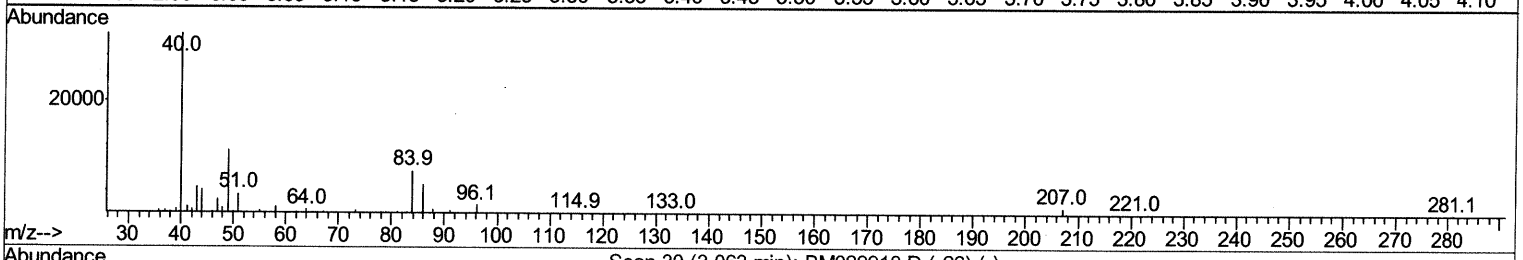
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

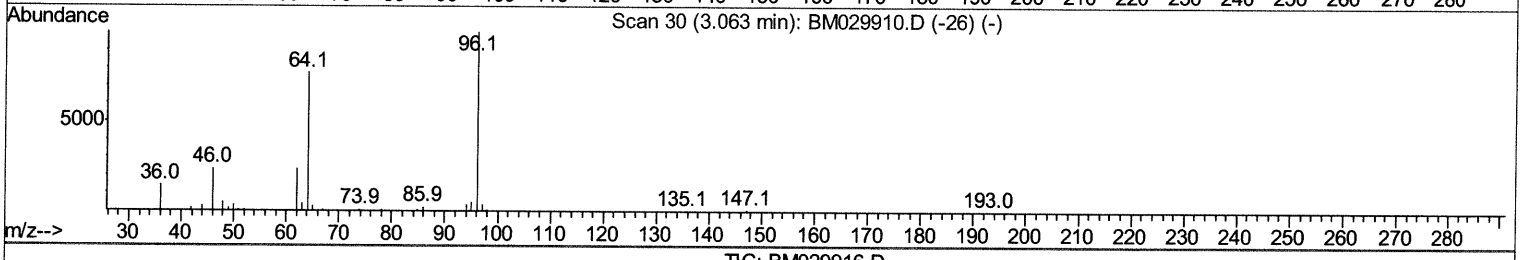
Quant Time: May 11 02:12:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(3) 1,4-Dioxane-d8 (S)

3.081min (+0.018) 0.72ng/uL m 05/12/21 JU

response 2608

Ion	Exp%	Act%
96.00	100	100
64.00	75.50	49.02#
34.00	0.00	0.00
0.00	0.00	0.00

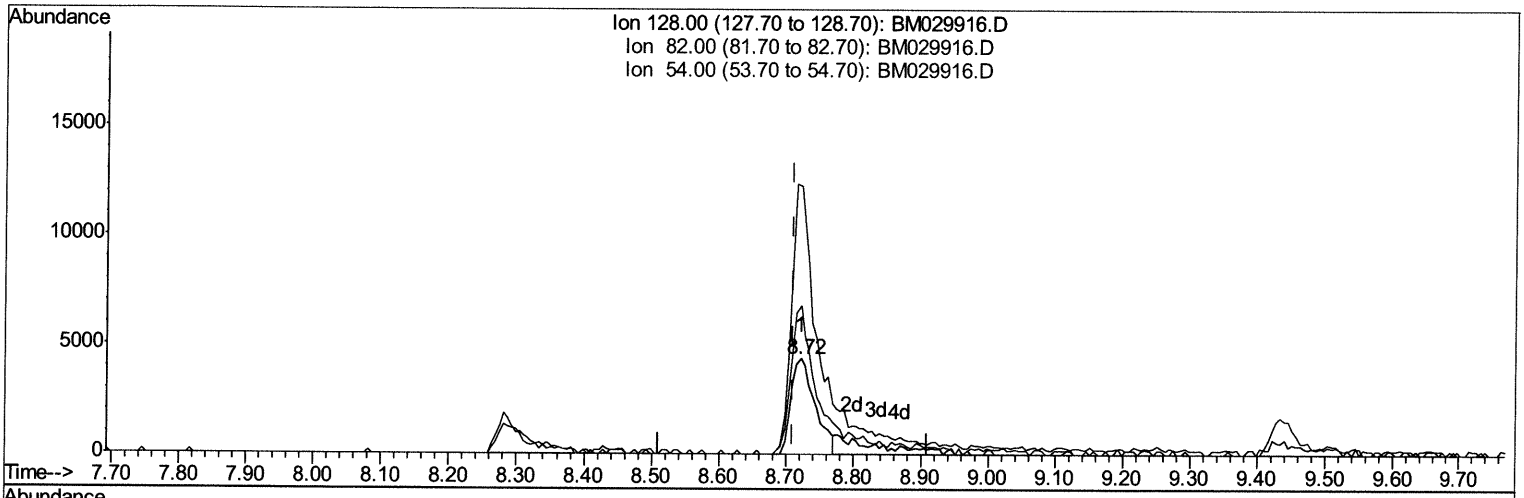
Quantitation Report (Qedit)

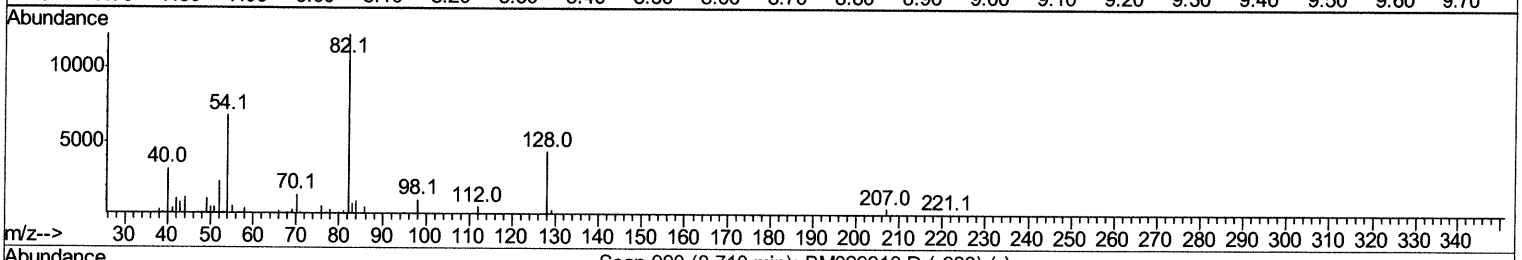
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

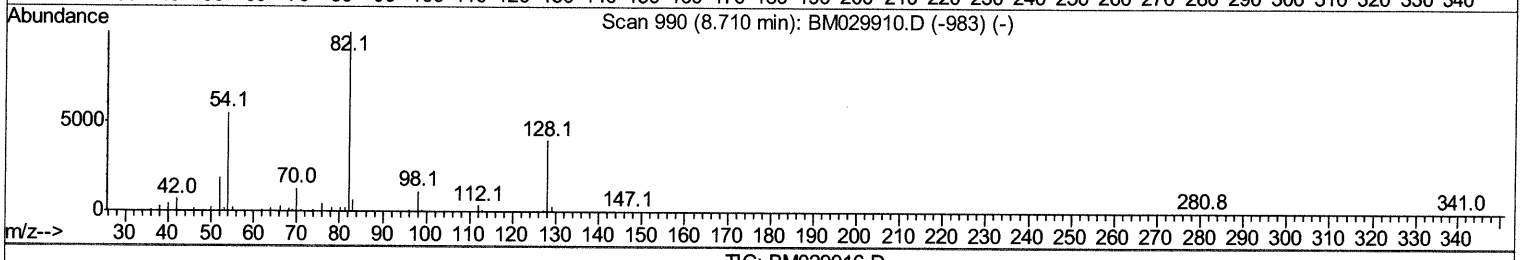
Quant Time: May 11 02:15:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(21) Nitrobenzene-d5 (S)

8.722min (+0.012) 2.37ng/ul

response 10812

Ion	Exp%	Act%
128.00	100	100
82.00	254.30	280.40
54.00	133.40	154.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 02:15:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
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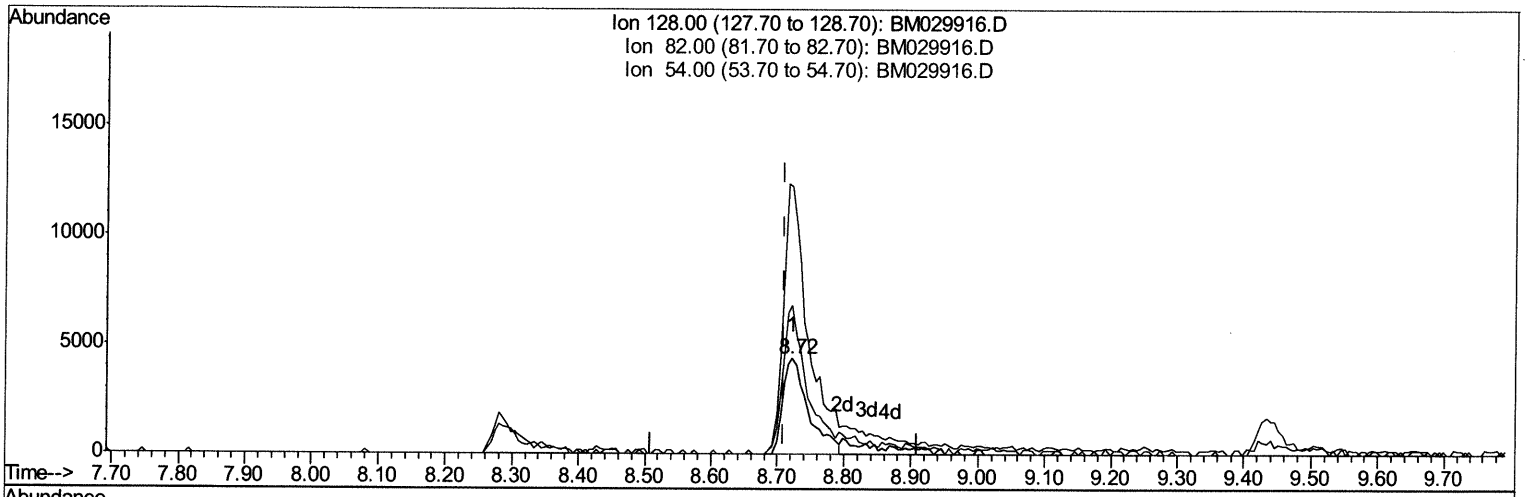

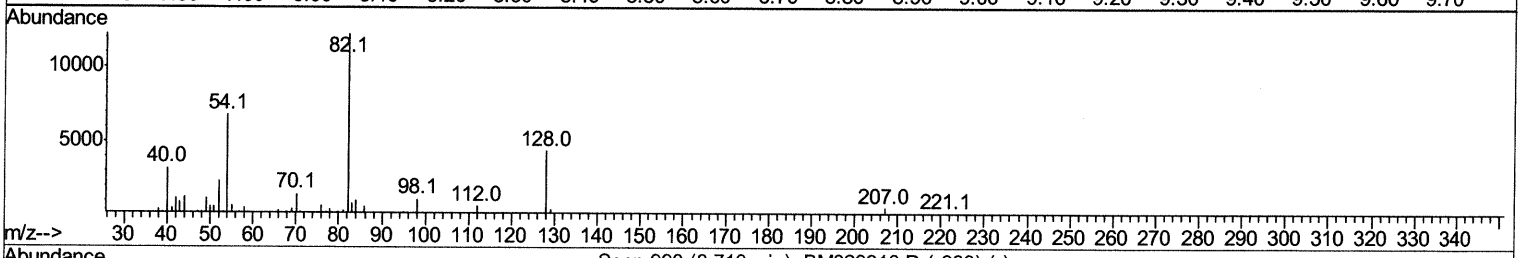

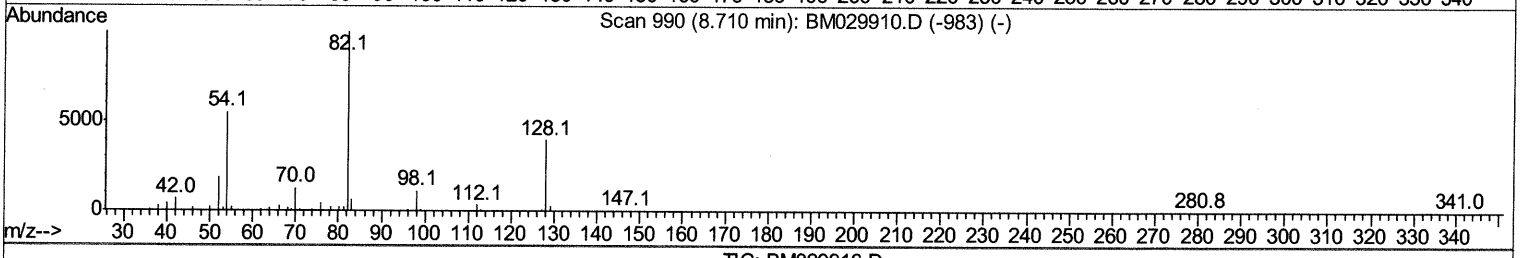

TIC: BM029916.D

(21) Nitrobenzene-d5 (S)

8.722min (+0.012) 2.58ng/ul m 05/12/21 JU

response 11794

Ion	Exp%	Act%
128.00	100	100
82.00	254.30	280.40
54.00	133.40	154.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 02:17:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
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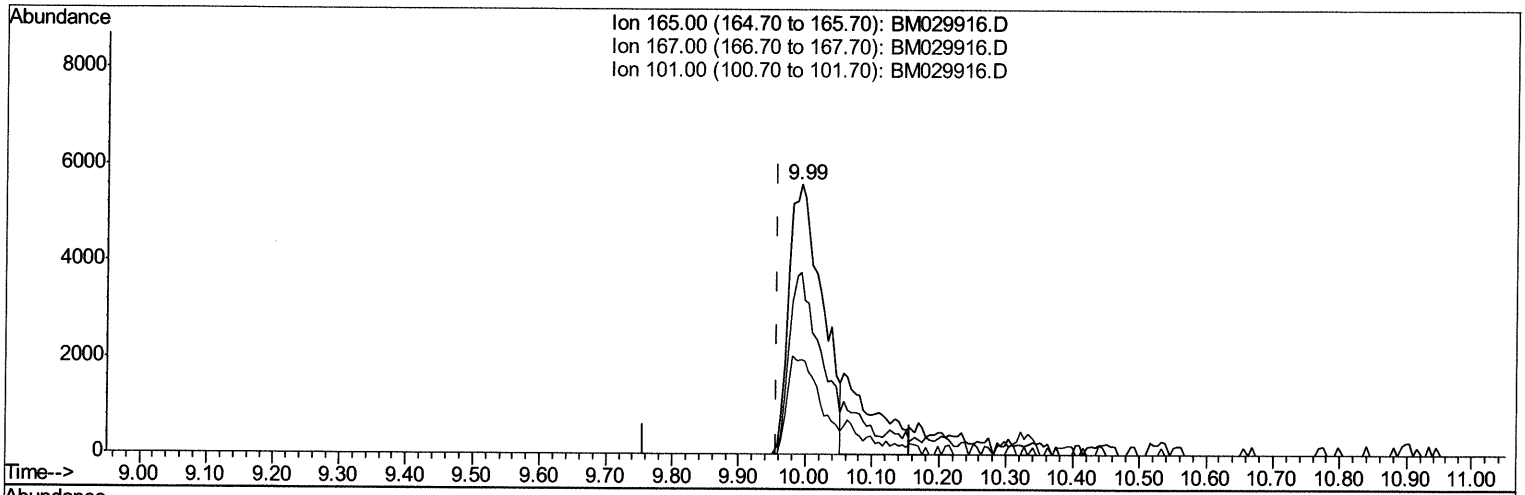
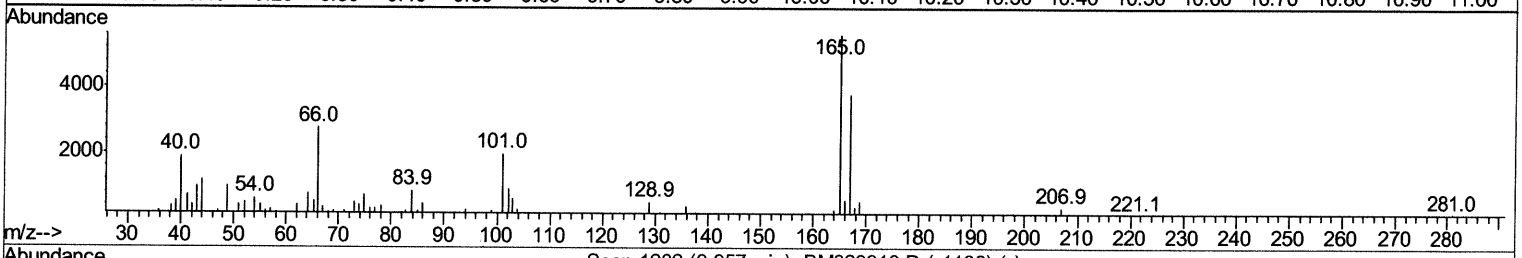
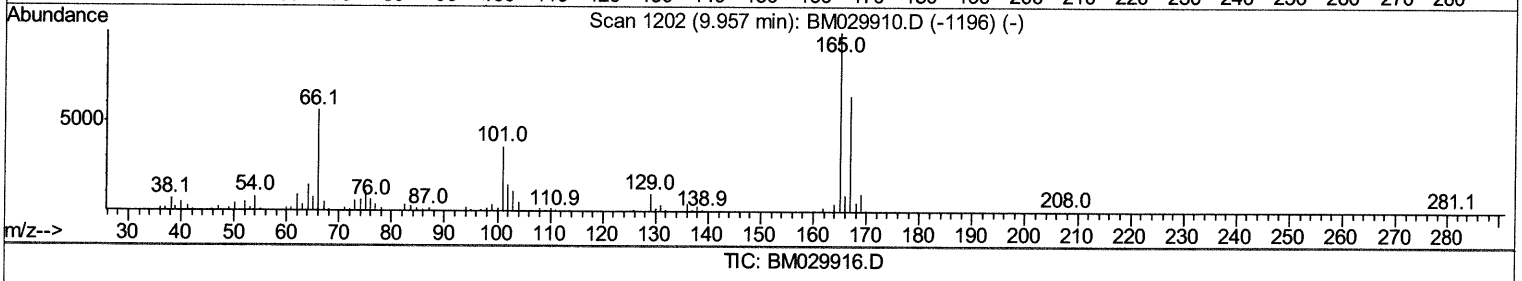






TIC: BM029916.D

(28) 2,4-Dichlorophenol-d3 (S)

9.992min (+0.035) 1.87ng/ul

response 19377

Ion	Exp%	Act%
165.00	100	100
167.00	64.40	67.34
101.00	36.00	34.87
0.00	0.00	0.00

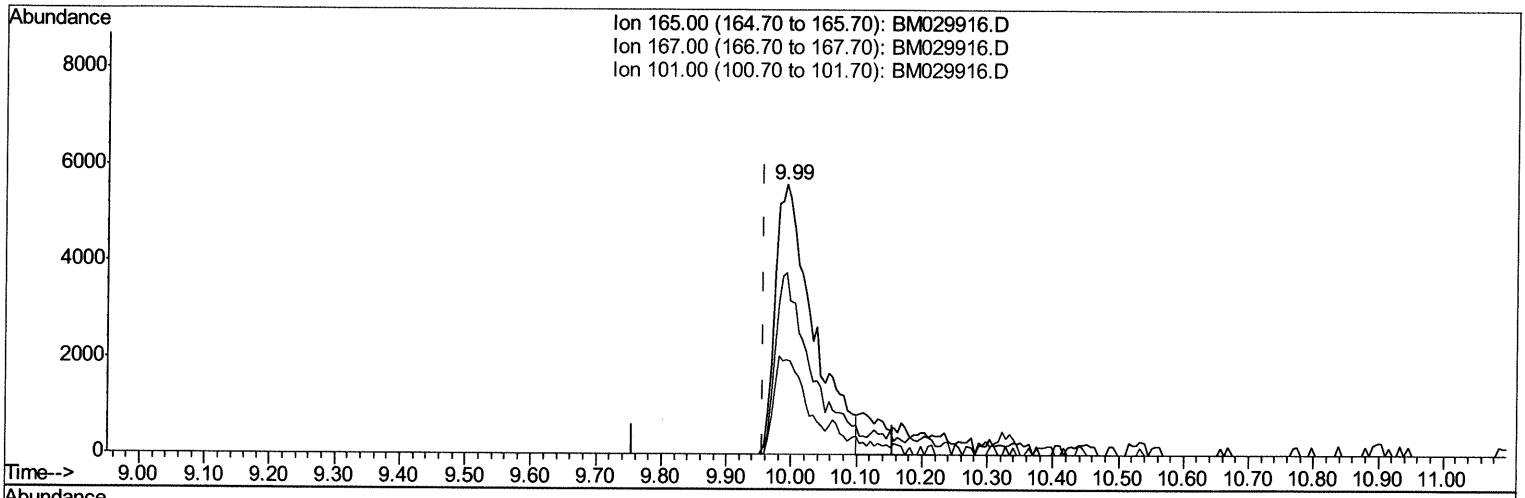
Quantitation Report (Qedit)

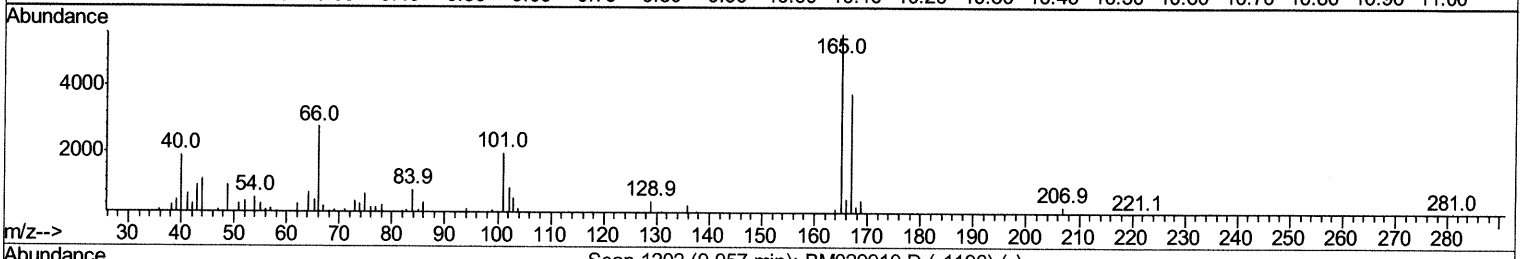
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

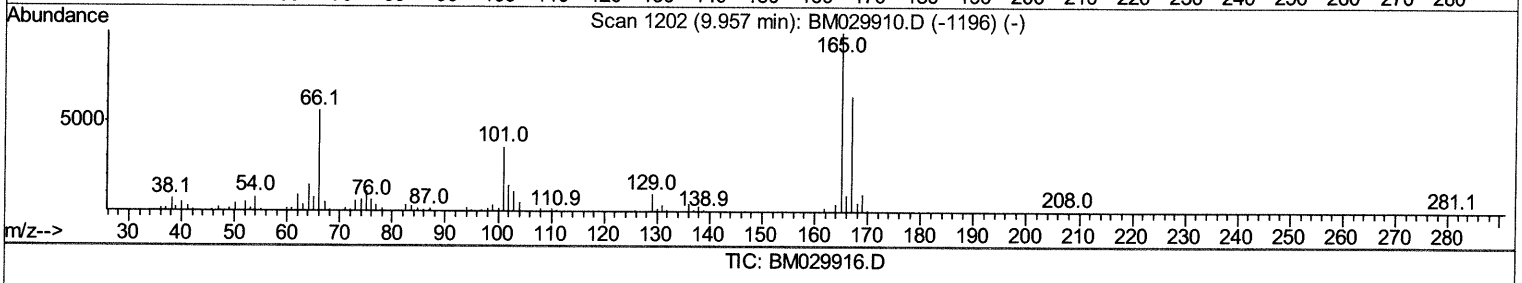
Quant Time: May 11 02:17:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(28) 2,4-Dichlorophenol-d3 (S)

9.992min (+0.035) 2.21ng/ul m 05/12/21 JU

response 22808

Ion	Exp%	Act%
165.00	100	100
167.00	64.40	67.34
101.00	36.00	34.87
0.00	0.00	0.00

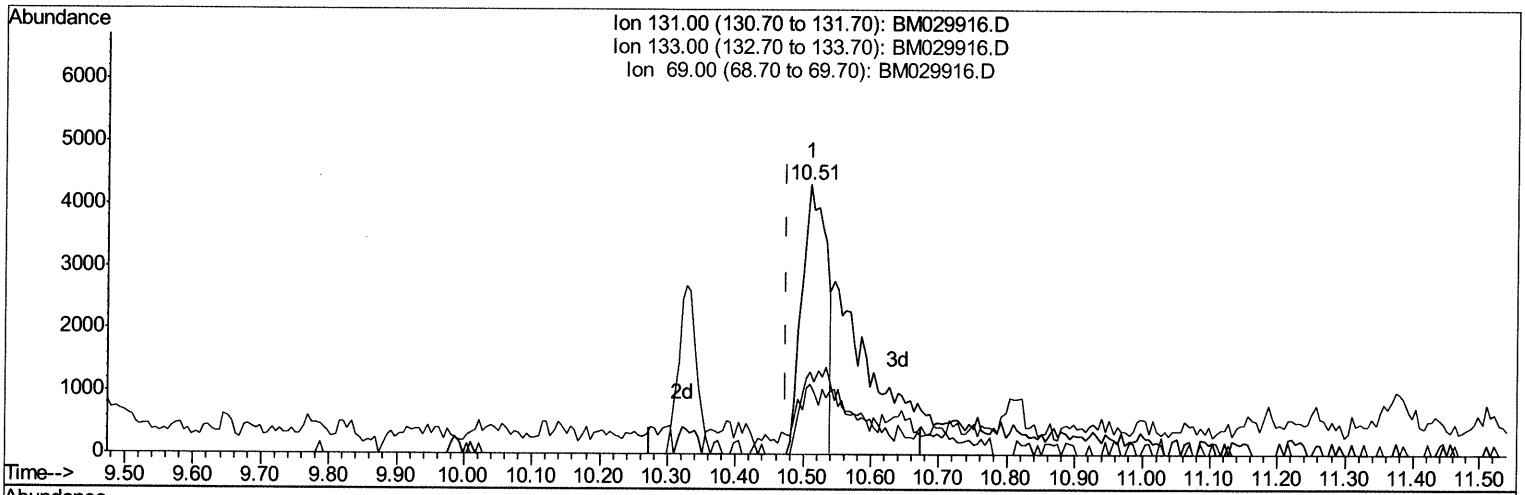
Quantitation Report (Qedit)

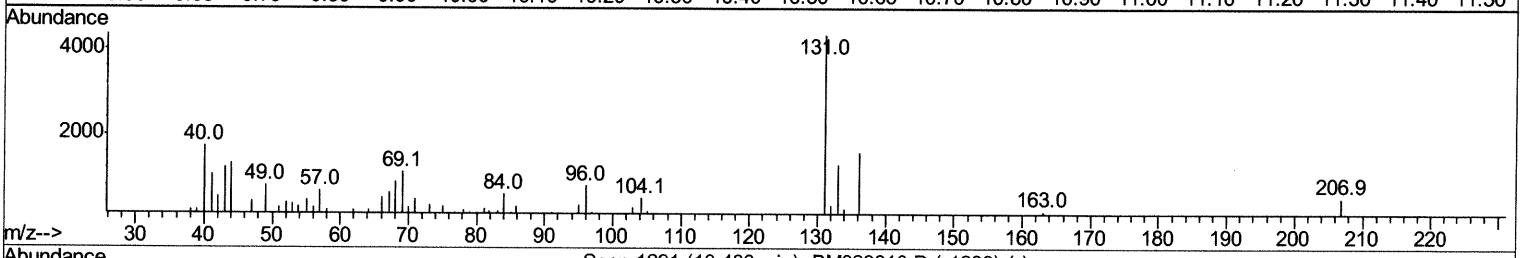
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

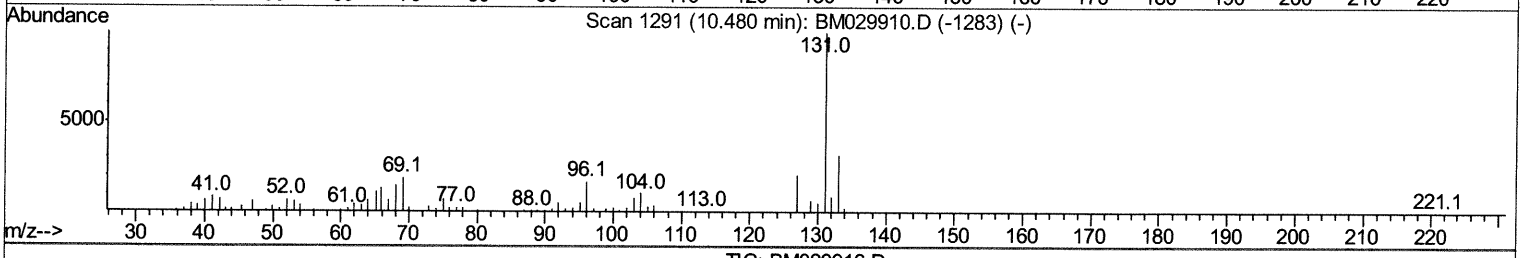
Quant Time: May 11 02:18:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(31) 4-Chloroaniline-d4 (S)

10.510min (+0.035) 0.70ng/ul

response 11071

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	30.26
69.00	18.00	25.83#
0.00	0.00	0.00

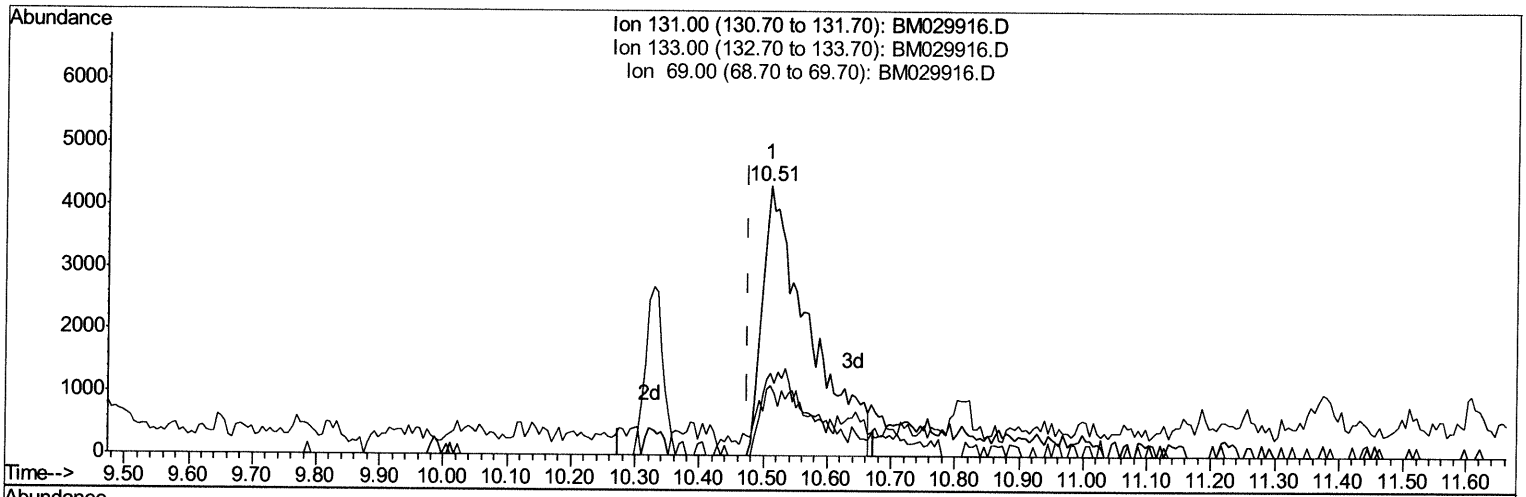
Quantitation Report (Qedit)

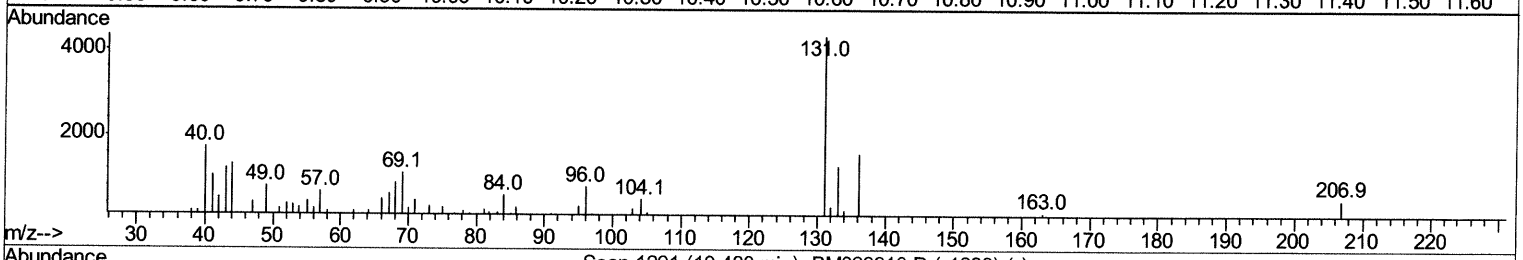
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

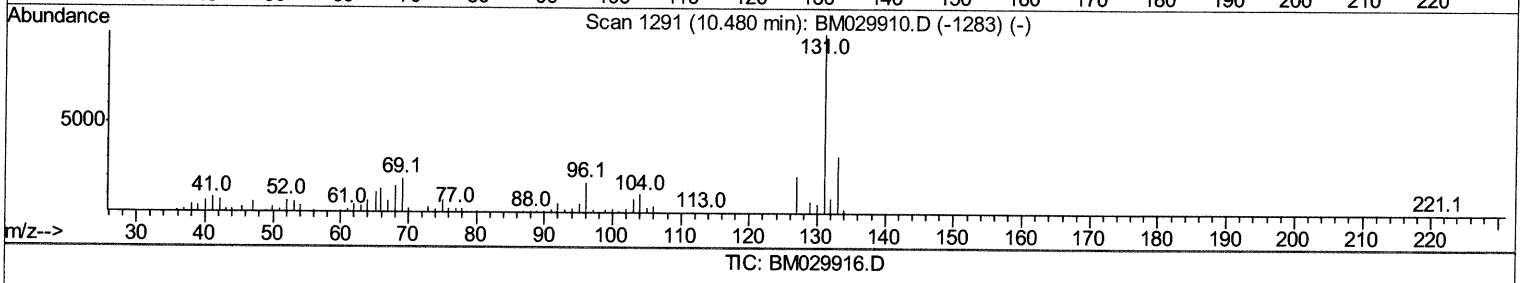
Quant Time: May 11 02:18:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(31) 4-Chloroaniline-d4 (S)

10.510min (+0.035) 1.39ng/ul m 05/12/21 JU

response 21831

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	30.26
69.00	18.00	25.83#
0.00	0.00	0.00

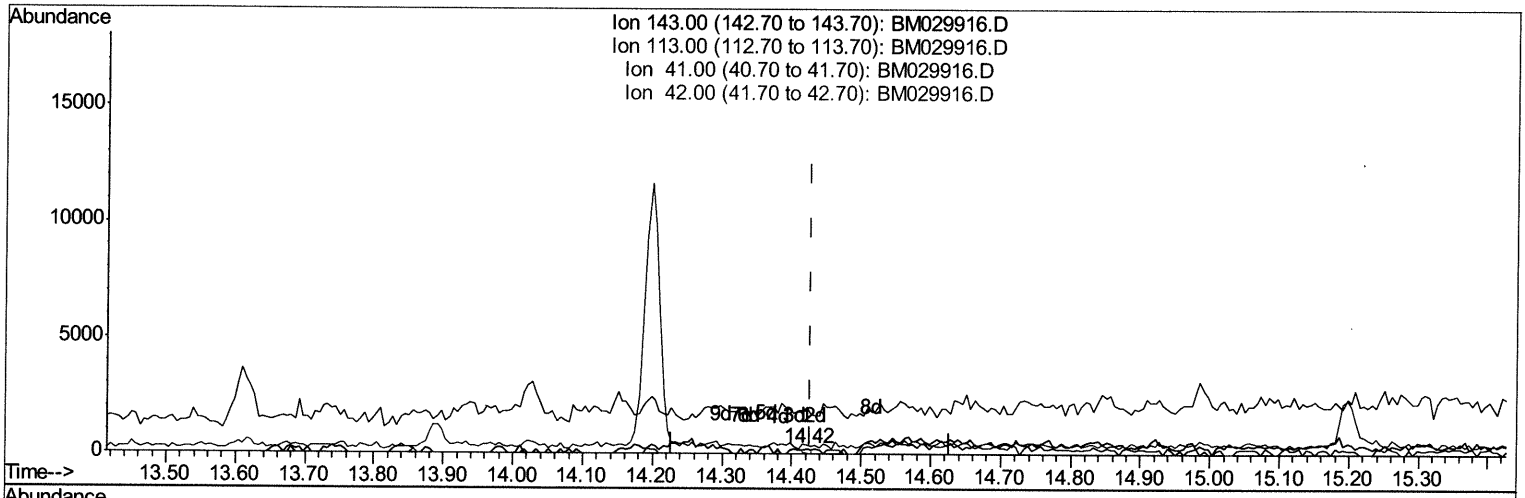
Quantitation Report (Qedit)

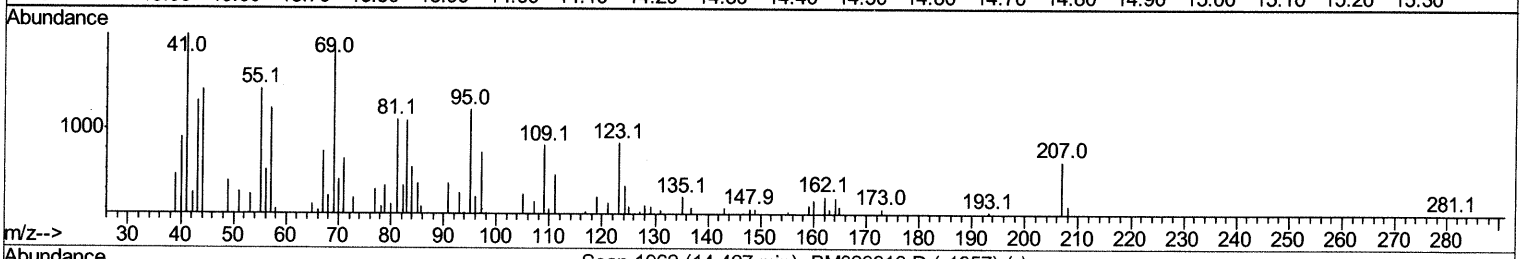
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

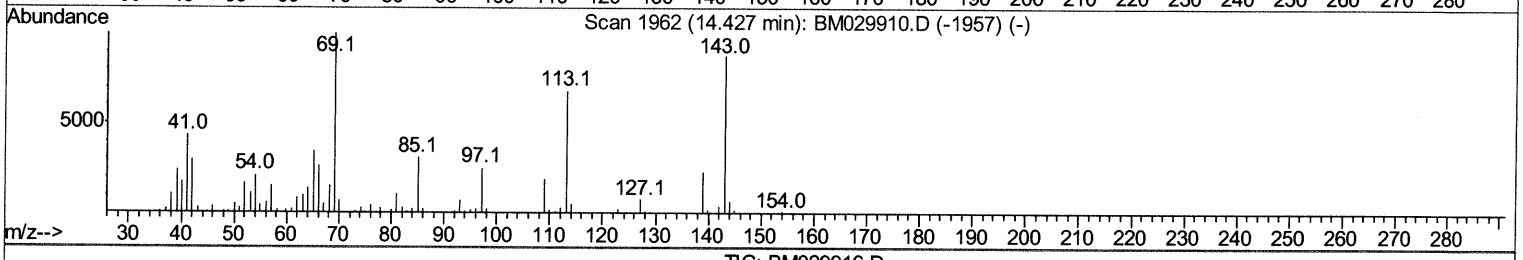
Quant Time: May 11 02:18:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(54) 4-Nitrophenol-d4 (S)

14.421min (-0.006) 0.02ng/ul

response 105

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	0.00#
41.00	44.70	913.08#
42.00	28.30	169.16#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 02:20:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
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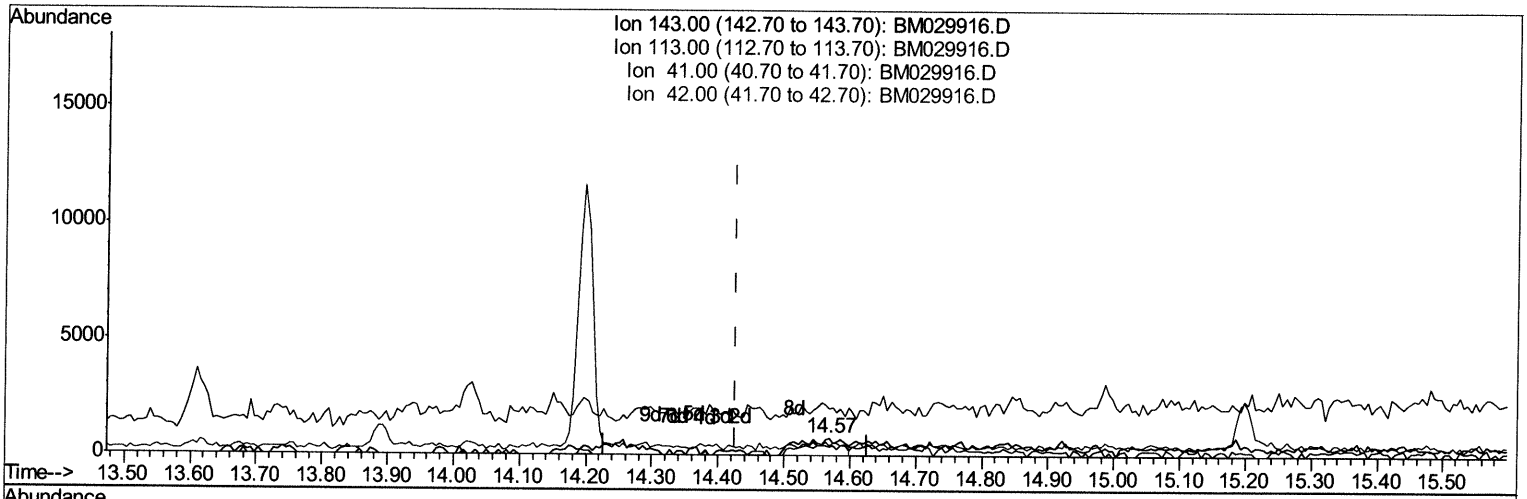
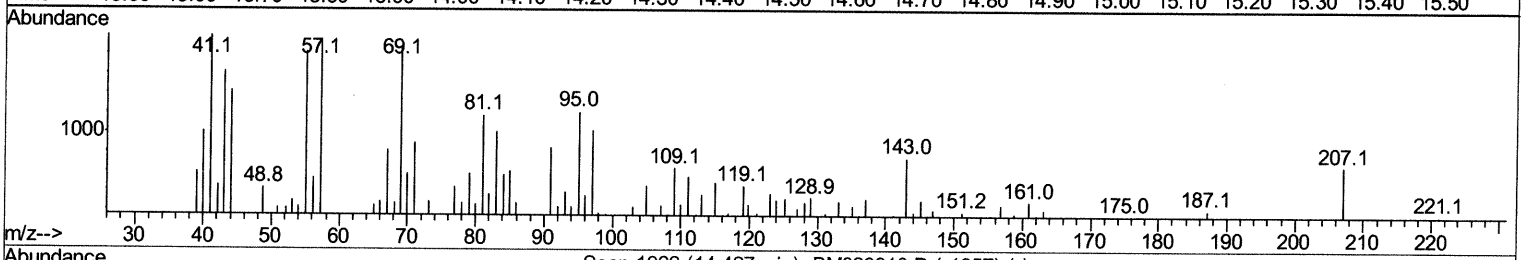
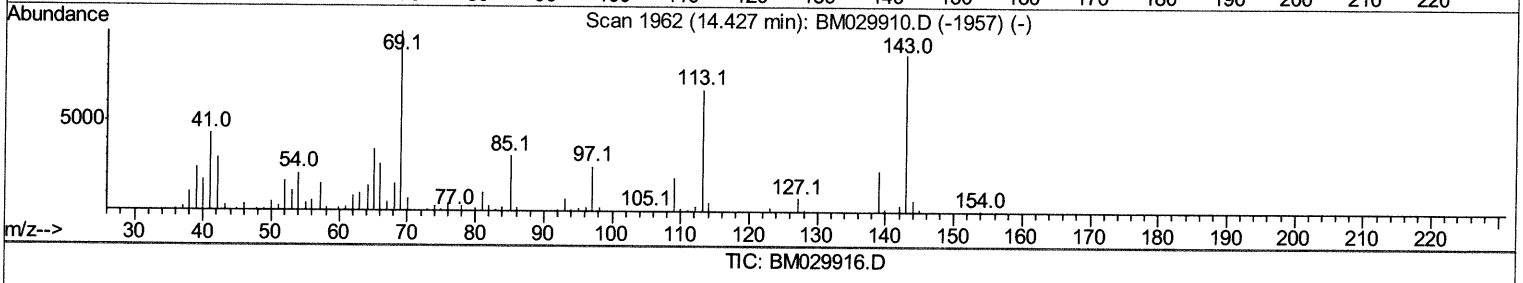
Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(54) 4-Nitrophenol-d4 (S)

14.568min (+0.141) 0.61ng/ul m 05/12/21 JU

response 3479

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	49.40#
41.00	44.70	266.09#
42.00	28.30	60.08#

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 11 02:19:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
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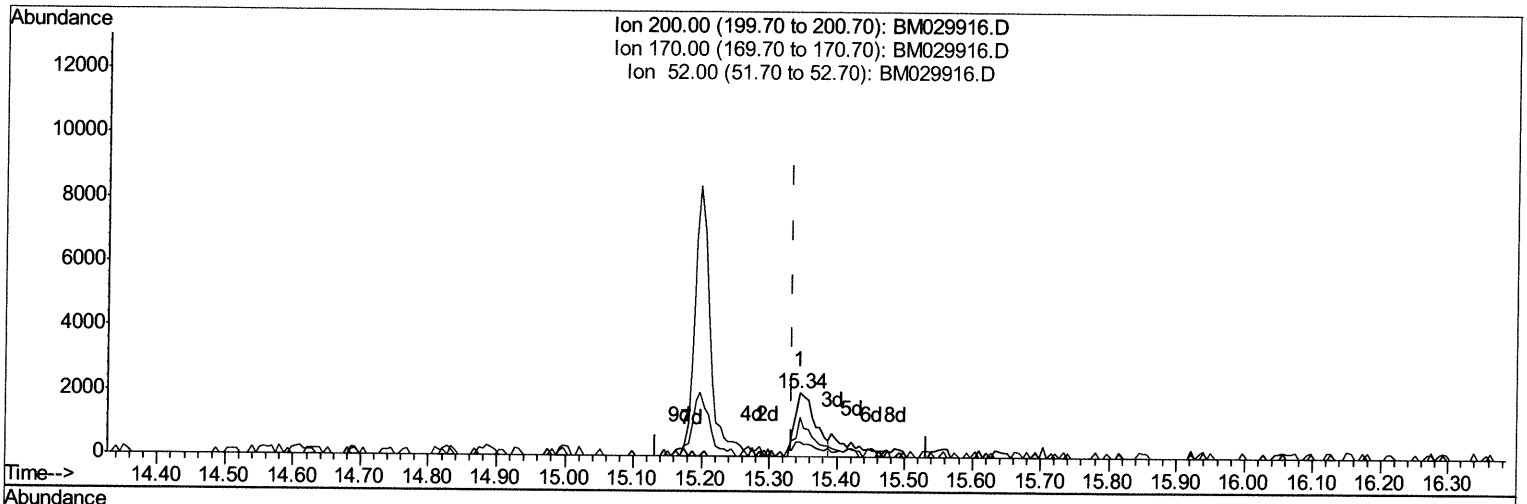
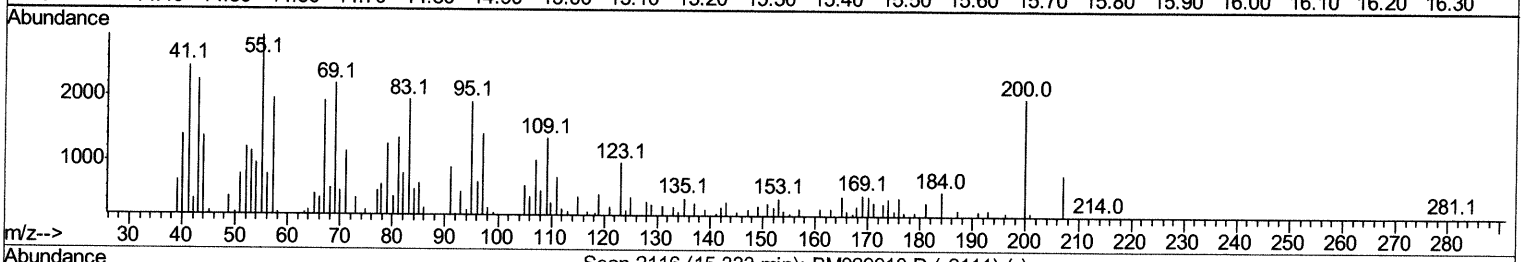
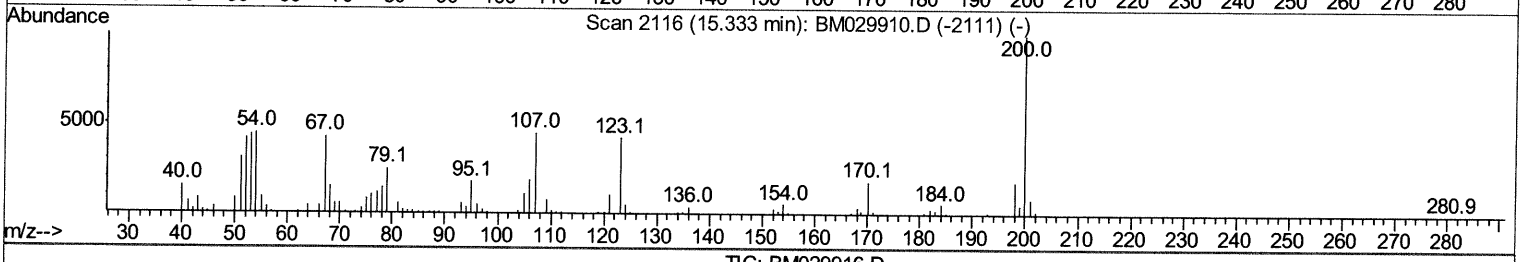
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.345min (+0.012) 0.71ng/ul

response 4172

Ion	Exp%	Act%
200.00	100	100
170.00	18.30	23.48#
52.00	48.20	61.13#
0.00	0.00	0.00

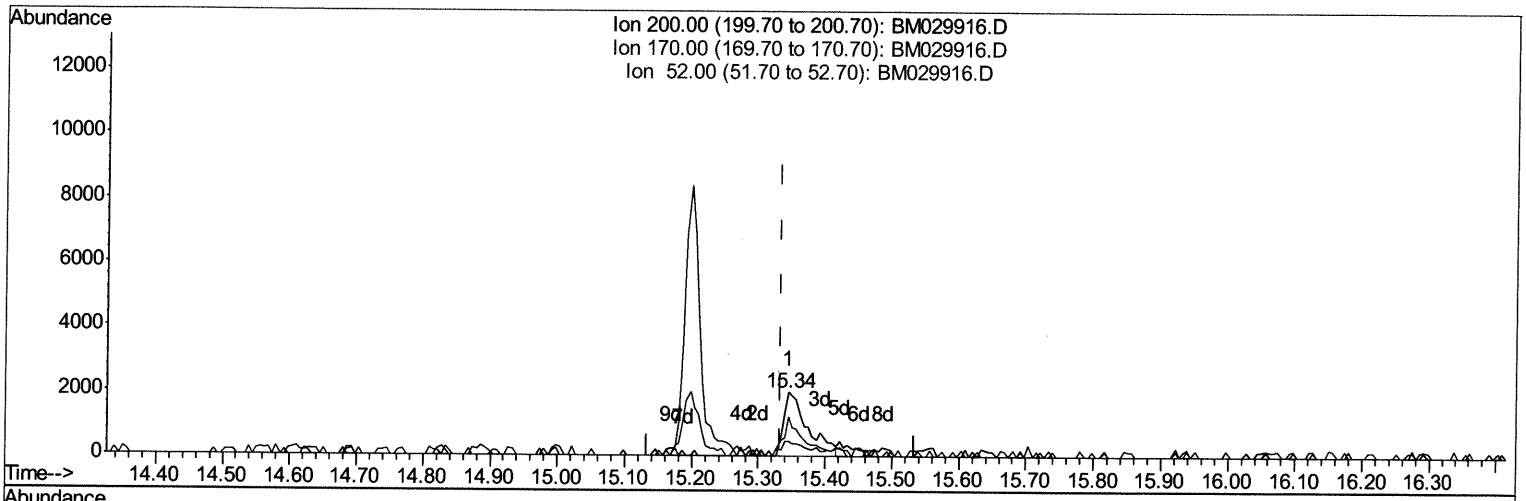
Quantitation Report (Qedit)

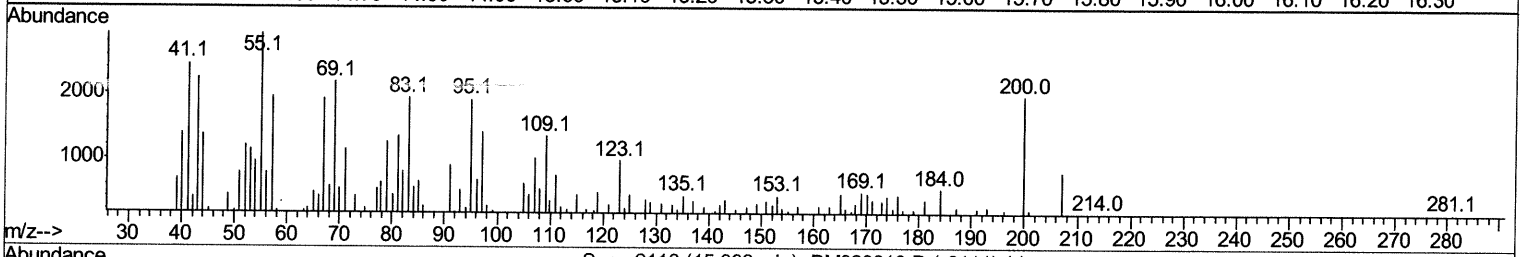
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

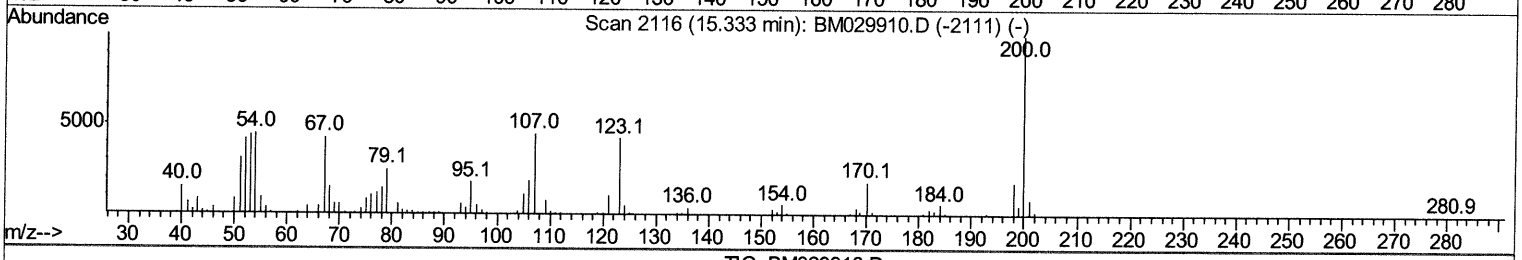
Quant Time: May 11 02:19:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM







TIC: BM029916.D

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.345min (+0.012) 0.86ng/ul m 05/12/21 JU

response 5030

Ion	Exp%	Act%
200.00	100	100
170.00	18.30	23.48#
52.00	48.20	61.13#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029916.D
Acq On : 10 May 2021 21:59
Operator : CG/JU
Sample : M2177-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG580

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:57 PM

Quant Time: May 11 02:37:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.55	152	145516	20.00	ng/ul	0.00	
20) Naphthalene-d8	10.33	136	662802	20.00	ng/ul	0.00	
38) Acenaphthene-d10	14.20	164	455486	20.00	ng/ul	0.00	
64) Phenanthrene-d10	16.94	188	901615	20.00	ng/ul	0.00	
79) Chrysene-d12	21.13	240	731550	20.00	ng/ul	0.00	
88) Perylene-d12	23.29	264	626468	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.08	96	2608m>	0.72	ng/uL>	0.02	05/12/21 JU
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul		
7) Phenol-d5	6.76	99	28897	2.14	ng/ul	0.02	
9) Bis-(2-Chloroethyl)ether-d	6.91	67	22673	2.70	ng/ul	0.01	
11) 2-Chlorophenol-d4	7.10	132	31064	2.97	ng/ul	0.01	
15) 4-Methylphenol-d8	8.28	113	23564	2.11	ng/ul	0.01	
21) Nitrobenzene-d5	8.72	128	11794m>	2.58	ng/ul>	0.01	05/12/21 JU
24) 2-Nitrophenol-d4	9.43	143	12158	2.36	ng/ul	0.01	
28) 2,4-Dichlorophenol-d3	9.99	165	22808m}	2.21	ng/ul}	0.04	05/12/21 JU
31) 4-Chloroaniline-d4	10.51	131	21831m}	1.39	ng/ul}	0.04	
46) Dimethylphthalate-d6	13.62	166	121839	3.45	ng/ul	0.00	
49) Acenaphthylene-d8	13.89	160	134965	3.02	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.57	143	3479m >	0.61	ng/ul >	0.14	05/12/21 JU
60) Fluorene-d10	15.20	176	107594	3.59	ng/ul	0.00	
65) 4,6-Dinitro-2-methylphenol	15.34	200	5030m>	0.86	ng/ul>	0.01	05/12/21 JU
73) Anthracene-d10	17.04	188	175458	3.86	ng/ul	0.00	
81) Pyrene-d10	19.34	212	191955	5.12	ng/ul	0.00	
92) Benzo(a)pyrene-d12	23.15	264	132911	3.74	ng/ul	0.00	
Target Compounds						Qvalue	
80) Fluoranthene	19.01	202	53578	1.173	ng/ul	96	
82) Pyrene	19.37	202	58055	1.208	ng/ul	95	
86) Bis(2-ethylhexyl)phthalate	21.06	149	33921	1.152	ng/ul	98	

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