Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

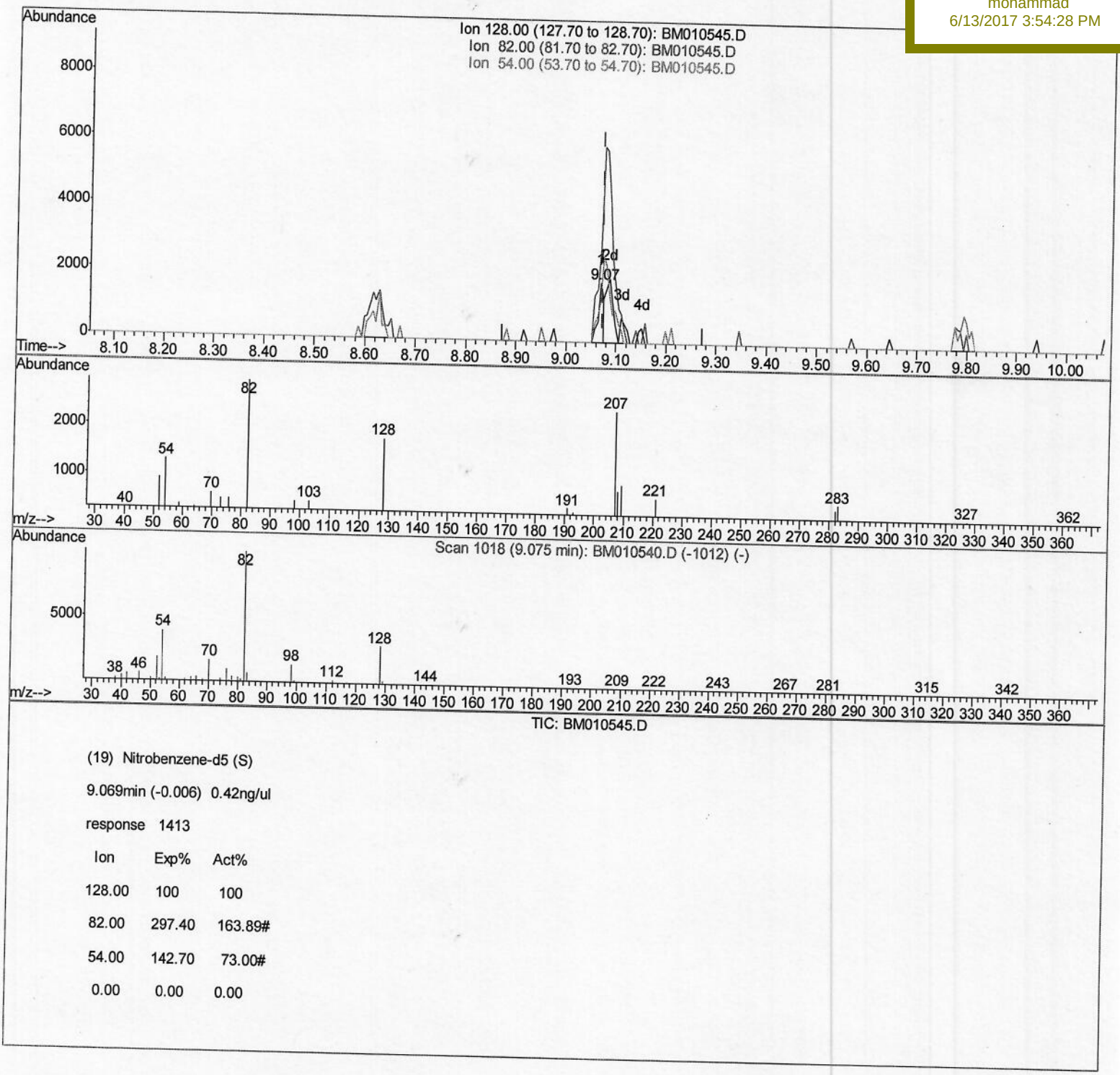
Quantitation Report (Qedit)

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:28 PM



TIC: BM010545.D

(19) Nitrobenzene-d5 (S)

9.069min (-0.006) 0.42ng/ul

response 1413

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	163.89#
54.00	142.70	73.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

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Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
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Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
mohammad
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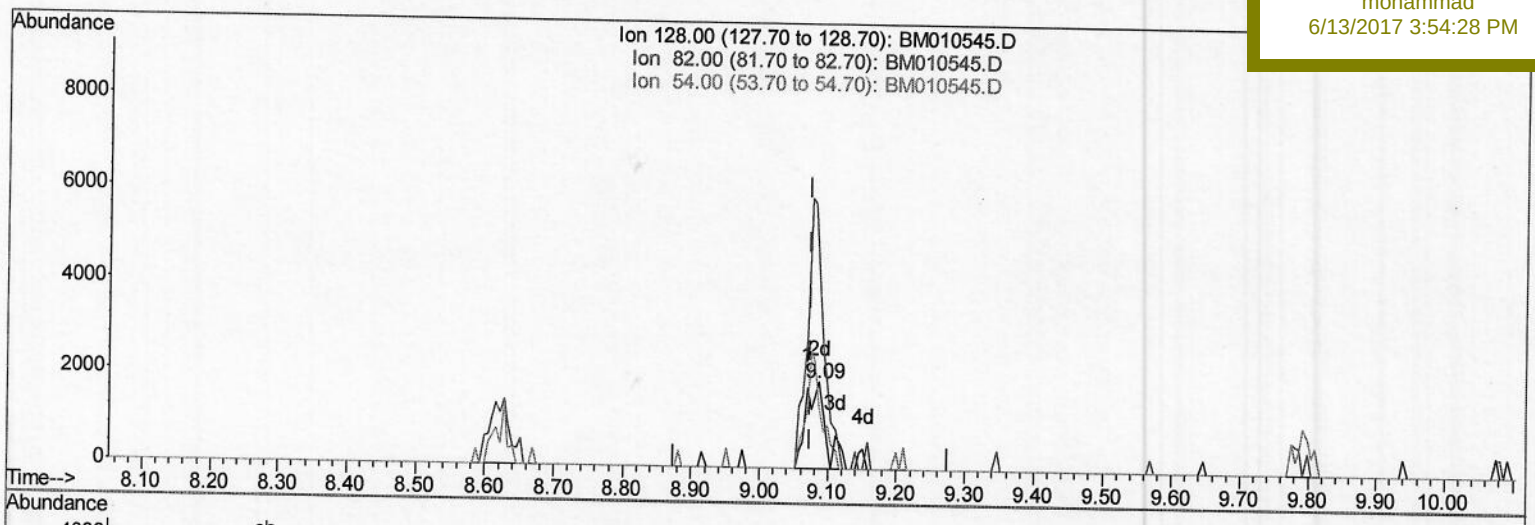

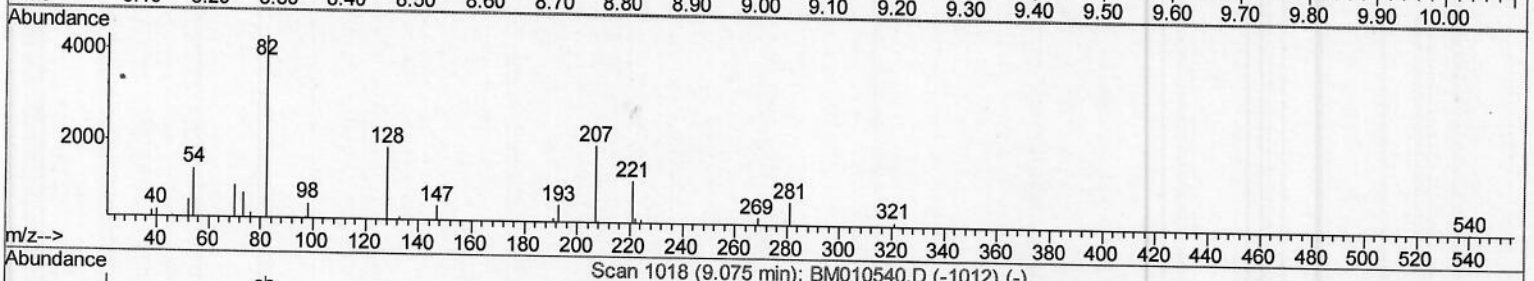

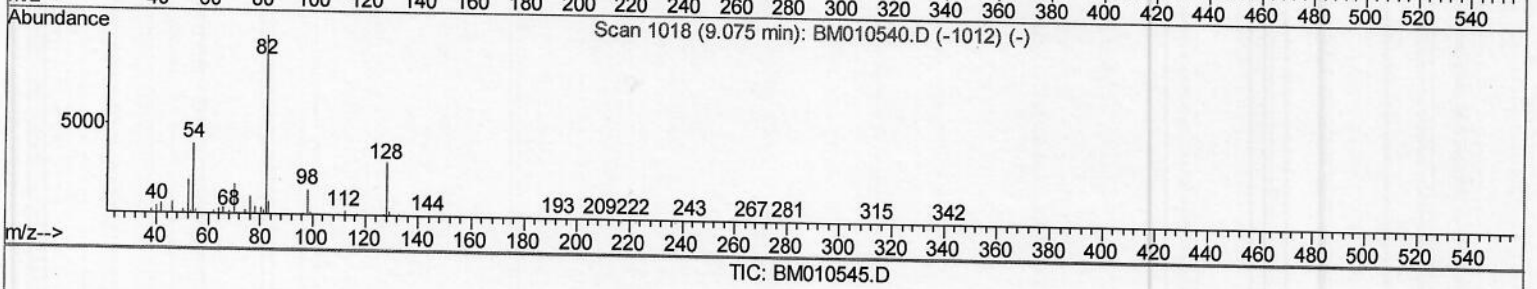

TIC: BM010545.D

(19) Nitrobenzene-d5 (S)

9.087min (+0.012) 0.96ng/ul m > 5.1 06/23/17

response 3246

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	227.18#
54.00	142.70	72.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
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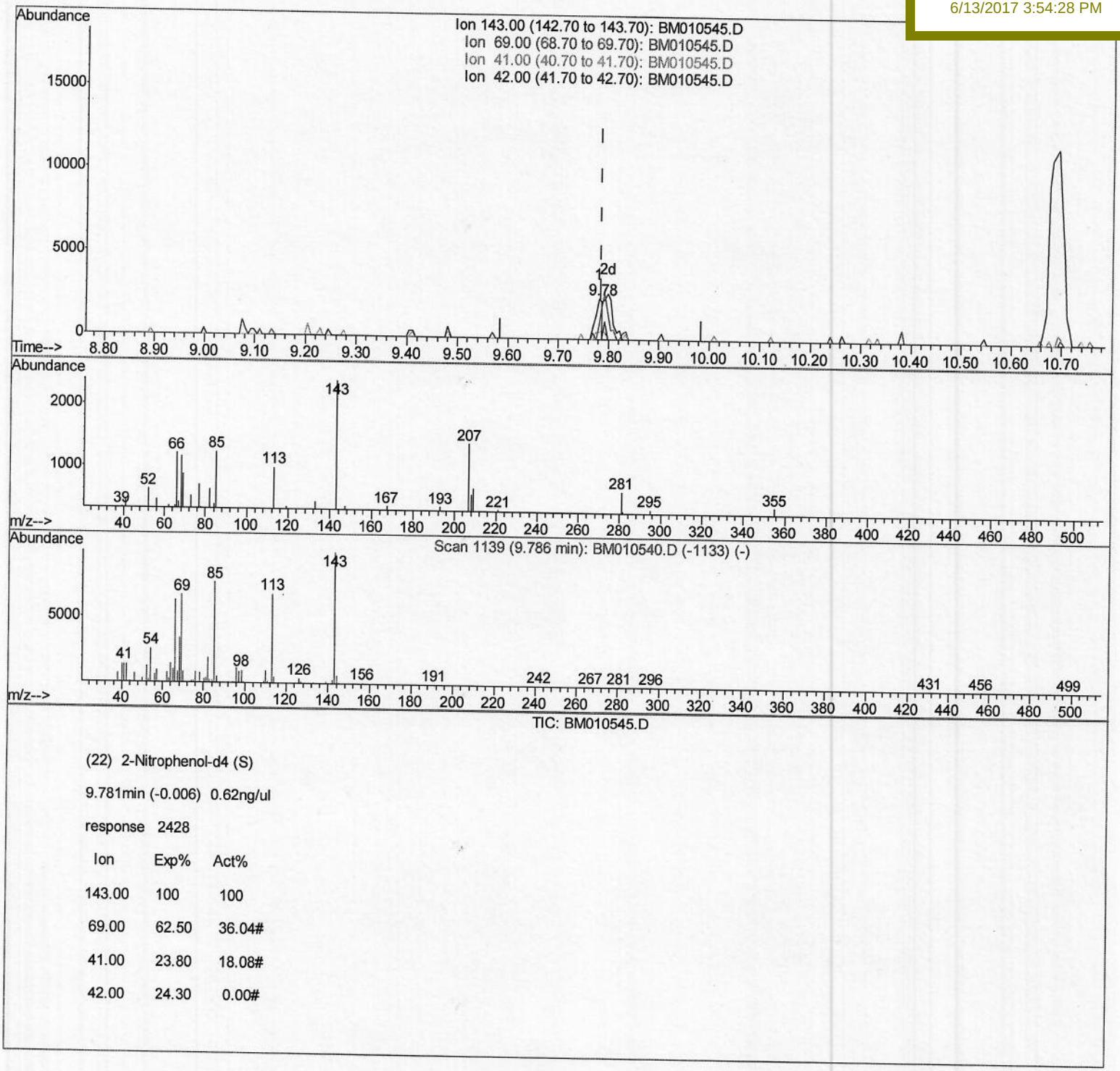


TIC: BM010545.D

(22) 2-Nitrophenol-d4 (S)

9.781min (-0.006) 0.62ng/ul

response 2428

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	36.04#
41.00	23.80	18.08#
42.00	24.30	0.00#

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

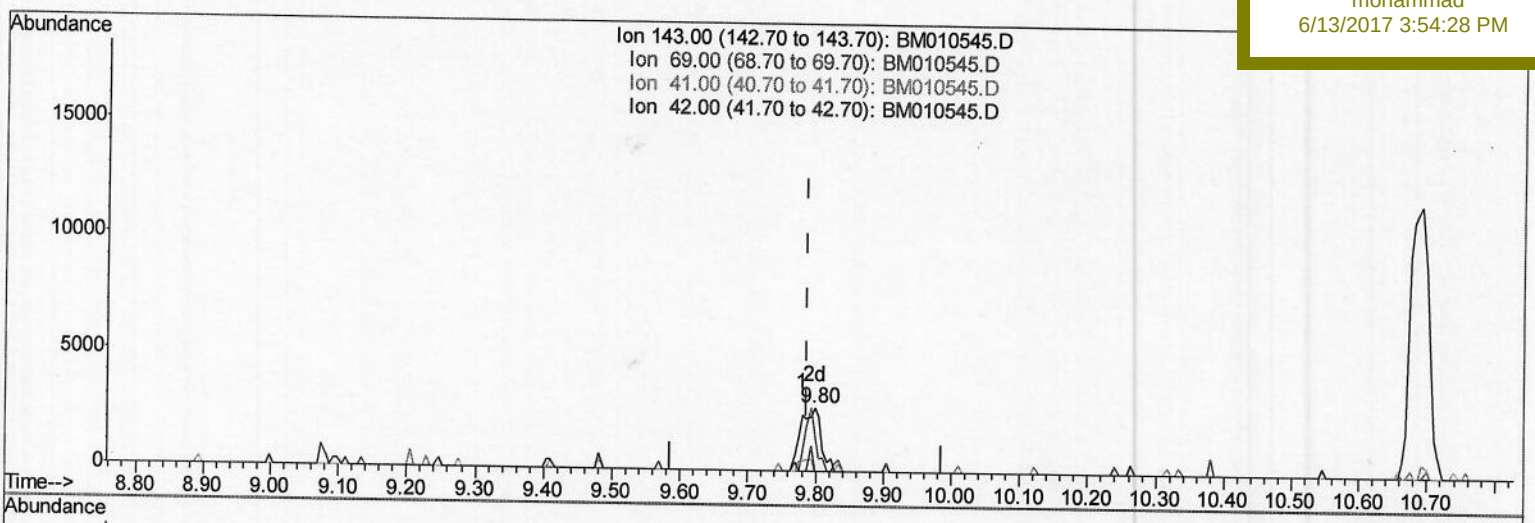
Quantitation Report (Qedit)

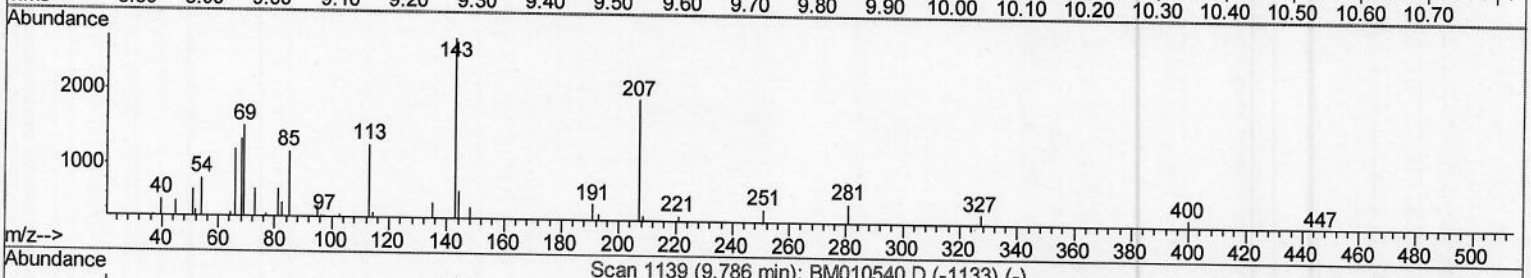
Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

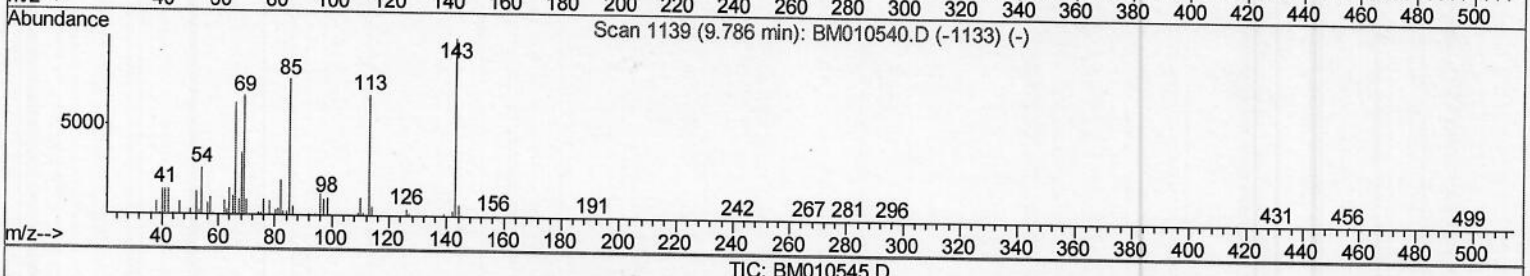
Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
mohammad
6/13/2017 3:54:28 PM







TIC: BM010545.D

(22) 2-Nitrophenol-d4 (S)

9.799min (+0.012) 1.46ng/ul m > 5.1 06/23/17

response 5690

Ion	Exp%	Act%
143.00	100	100
69.00	62.50	55.50
41.00	23.80	0.00#
42.00	24.30	0.00#

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
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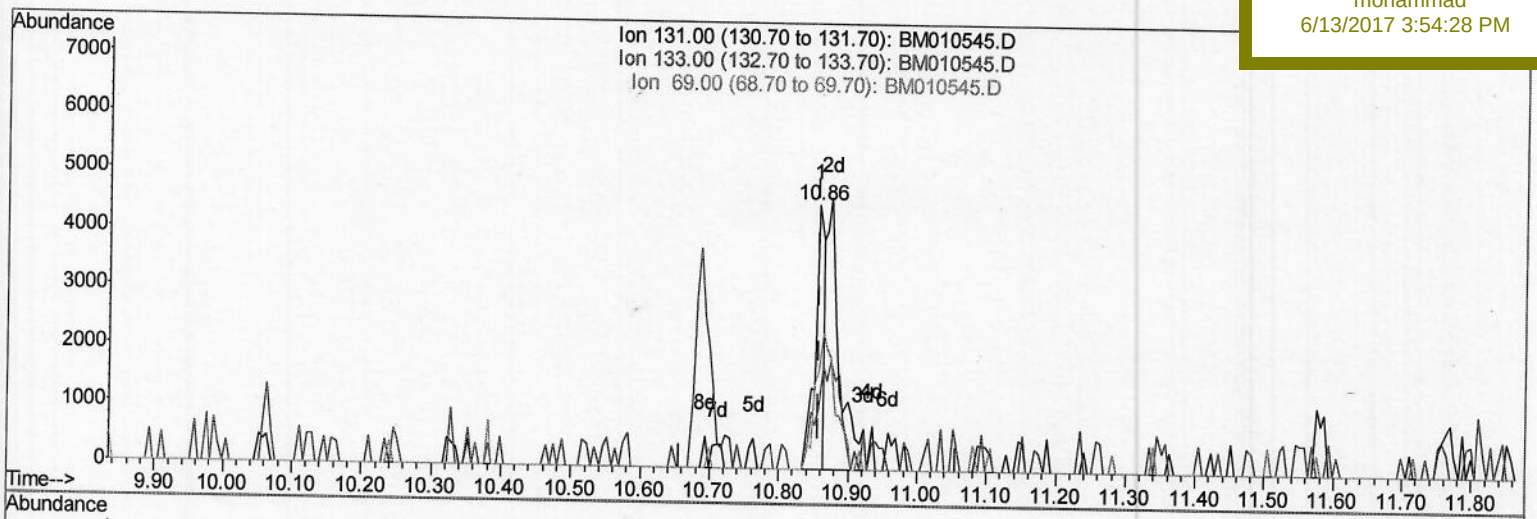

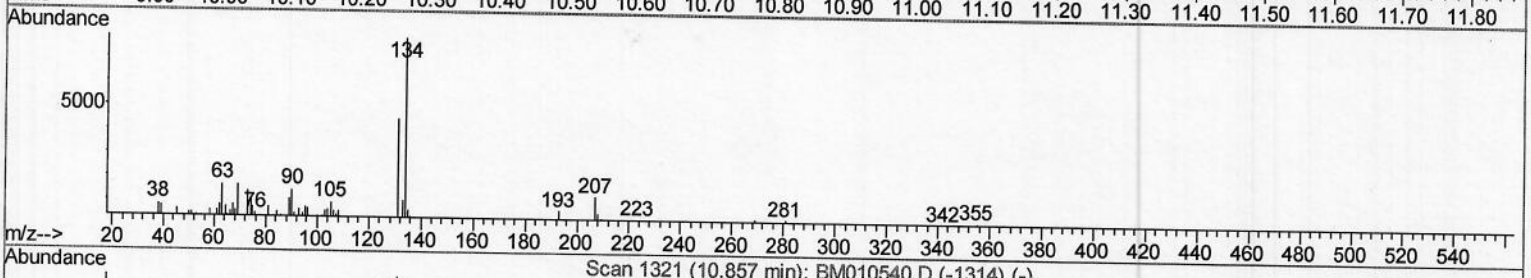

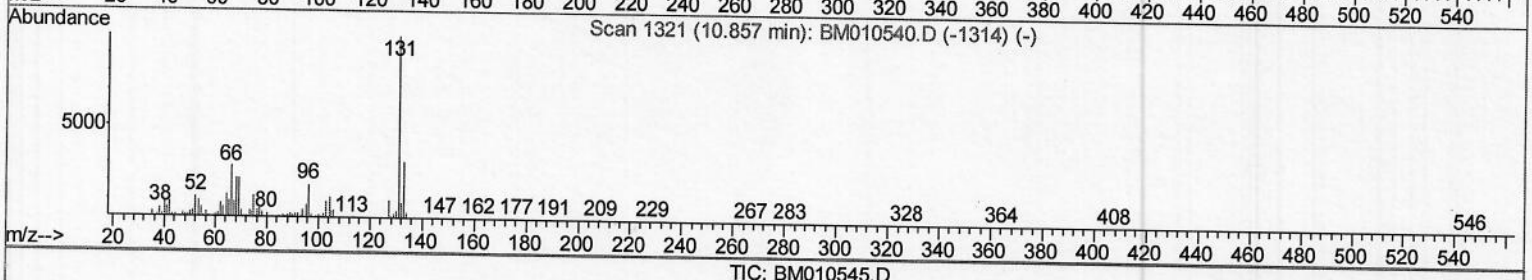

TIC: BM010545.D

(29) 4-Chloroaniline-d4 (S)

10.857min (+0.000) 0.54ng/ul

response 4188

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	22.42#
69.00	24.30	36.35#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
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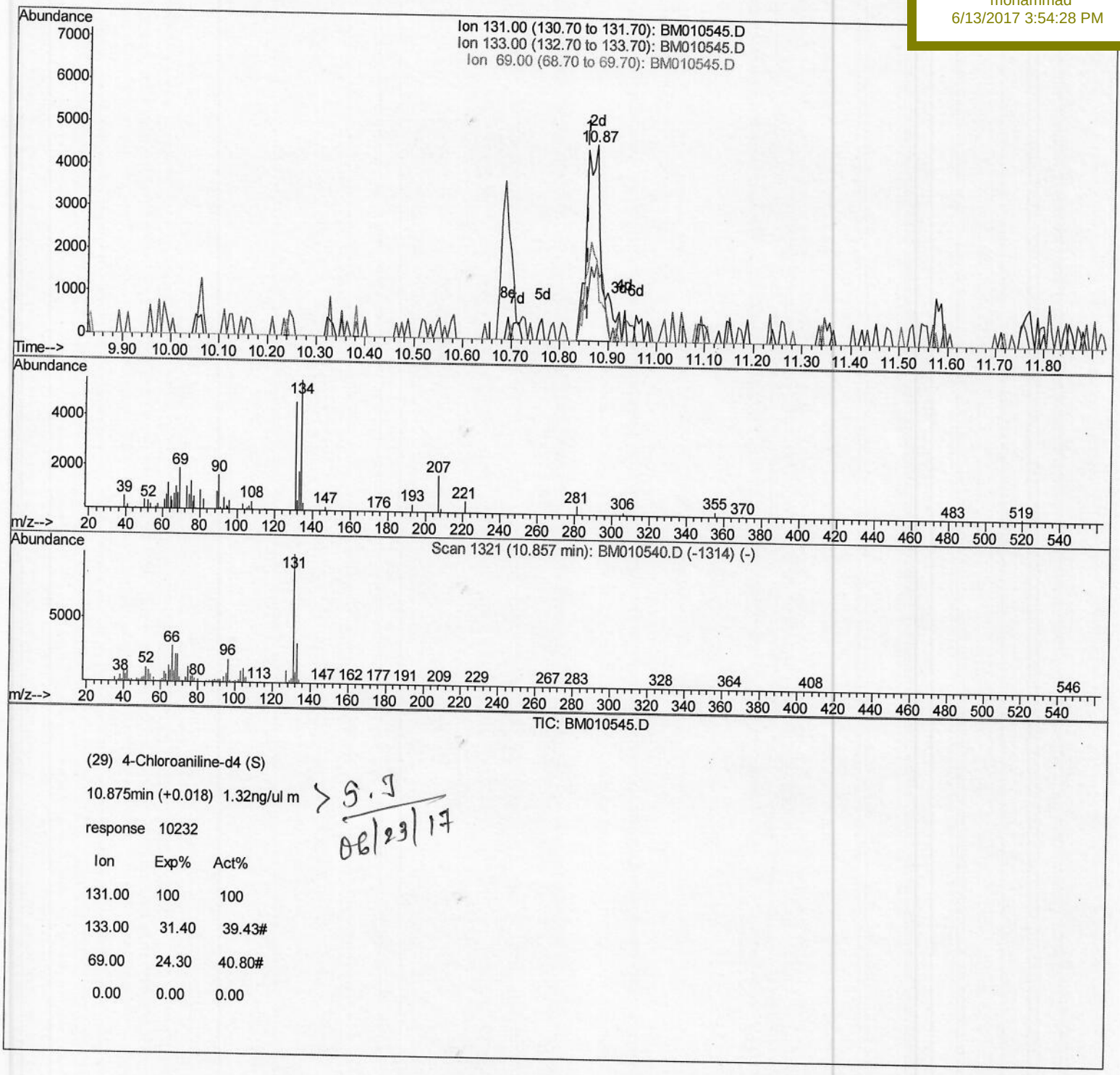

TIC: BM010545.D

(29) 4-Chloroaniline-d4 (S)

10.875min (+0.018) 1.32ng/ul m

response 10232

> 5.3
06/23/17

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	39.43#
69.00	24.30	40.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (Qedit)

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
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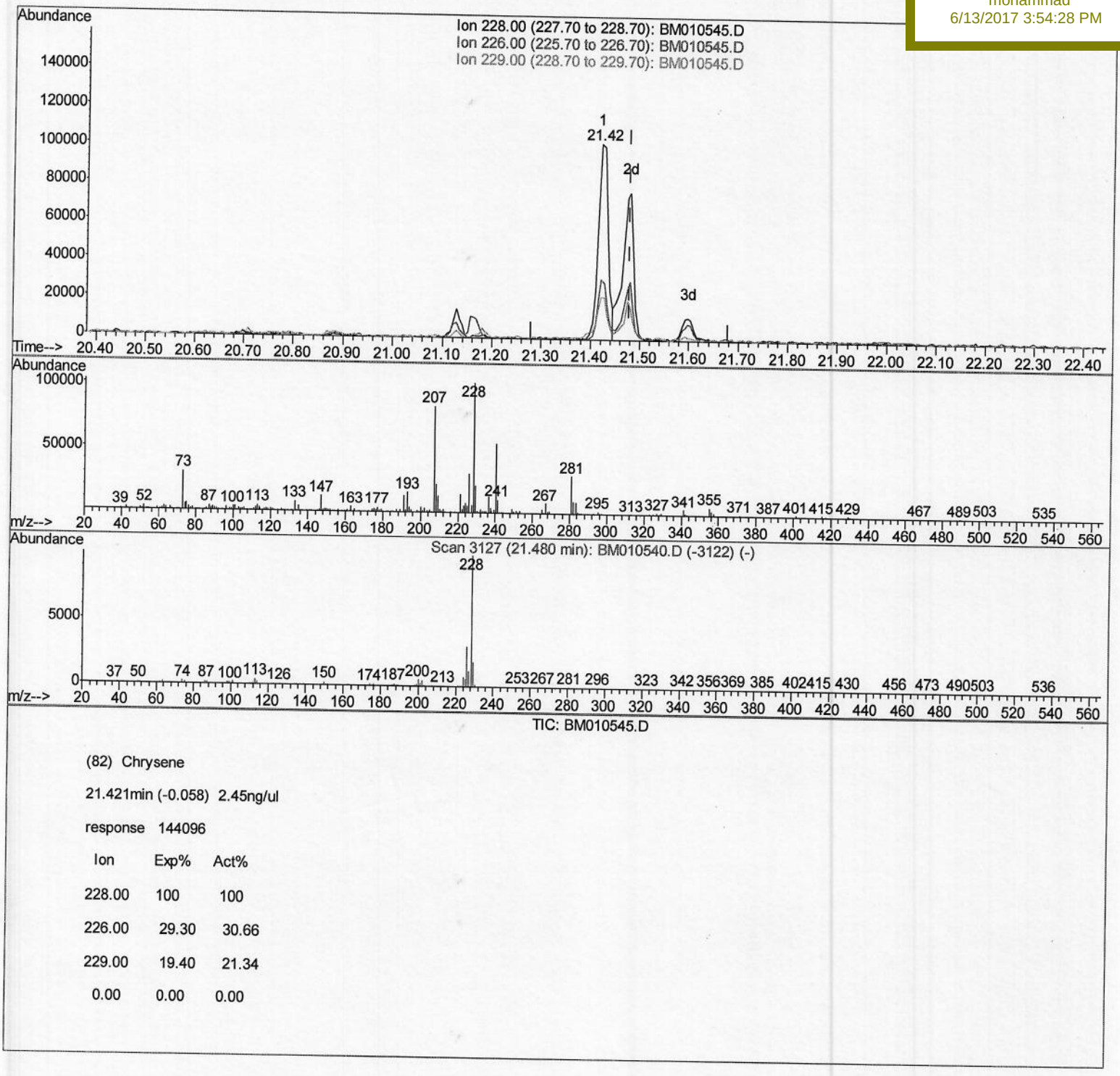

(82) Chrysene

21.421min (-0.058) 2.45ng/ul

response 144096

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.66
229.00	19.40	21.34
0.00	0.00	0.00

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Quantitation Report (Qedit)

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Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:34:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
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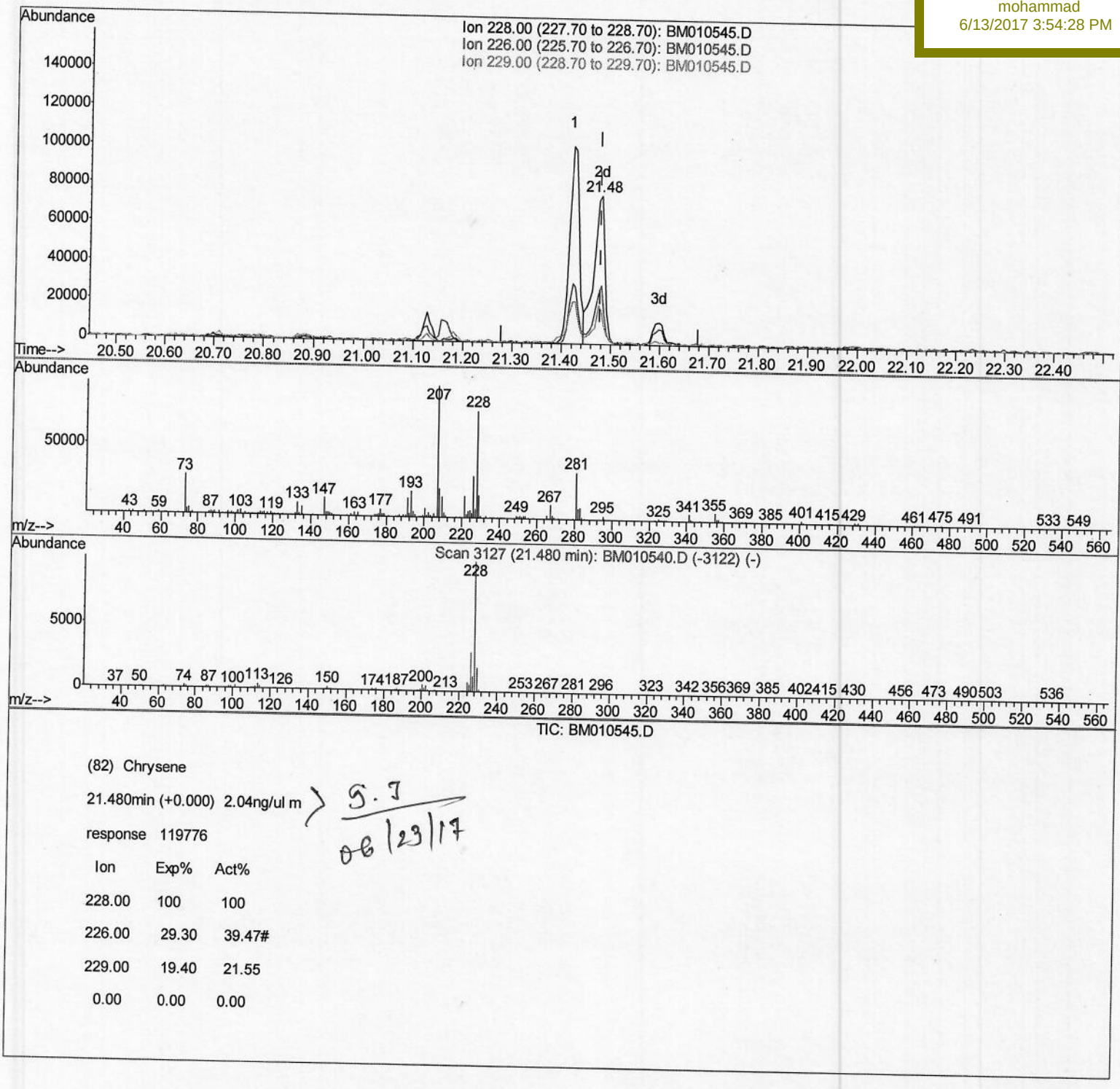

TIC: BM010545.D

(82) Chrysene

21.480min (+0.000) 2.04ng/ul m

response 119776

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	39.47#
229.00	19.40	21.55
0.00	0.00	0.00

SJ 06/23/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Quantitation Report (QT Reviewed)

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 13 03:52:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F5C57DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	121336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	460439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	346522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	946203	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1151512	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1091751	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.08	99	8515	0.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	5775	1.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	7968	1.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	7305	0.98	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	3246m	0.96	ng/ul	0.01
22) 2-Nitrophenol-d4	9.80	143	5690m	1.46	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.33	165	7465	0.93	ng/ul	0.02
29) 4-Chloroaniline-d4	10.87	131	10232m	1.32	ng/ul	0.02
43) Dimethylphthalate-d6	13.94	166	38105	1.32	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	34789	1.04	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.52	176	35806	1.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	5076	0.76	ng/ul	0.00
70) Anthracene-d10	17.37	188	58039	1.26	ng/ul	0.00
76) Pyrene-d10	19.66	212	71599	1.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	65448	1.29	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.74	128	475352	20.58	ng/ul	97
34) 2-Methylnaphthalene	12.35	142	166650	9.52	ng/ul	96
40) 1,1'-Biphenyl	13.36	154	57911	2.06	ng/ul	92
44) Dimethylphthalate	13.99	163	36693	1.30	ng/ul#	95
49) Acenaphthene	14.59	153	191667	8.33	ng/ul	92
53) Dibenzofuran	14.92	168	277340	8.15	ng/ul	89
58) Fluorene	15.57	166	305833	10.95	ng/ul	97
69) Phenanthrene	17.32	178	1380637	27.33	ng/ul	99
71) Anthracene	17.41	178	196482	3.73	ng/ul	98
72) Carbazole	17.69	167	71975	1.61	ng/ul#	93
74) Fluoranthene	19.32	202	774073	12.46	ng/ul#	96
77) Pyrene	19.69	202	491964	8.29	ng/ul#	93
80) Benzo(a)anthracene	21.42	228	144096	2.22	ng/ul	94
82) Chrysene	21.48	228	119776m	2.04	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	72810	1.15	ng/ul#	94

S.J 06/23/17

S.J 06/23/17

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\

Data File : BM010545.D
Acq On : 12 Jun 2017 21:09
Operator : SJ/MA
Sample : I3521-09DL 20X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 13 03:33:28 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C57DL

Manual Integrations APPROVED
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6/13/2017 3:54:28 PM