Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

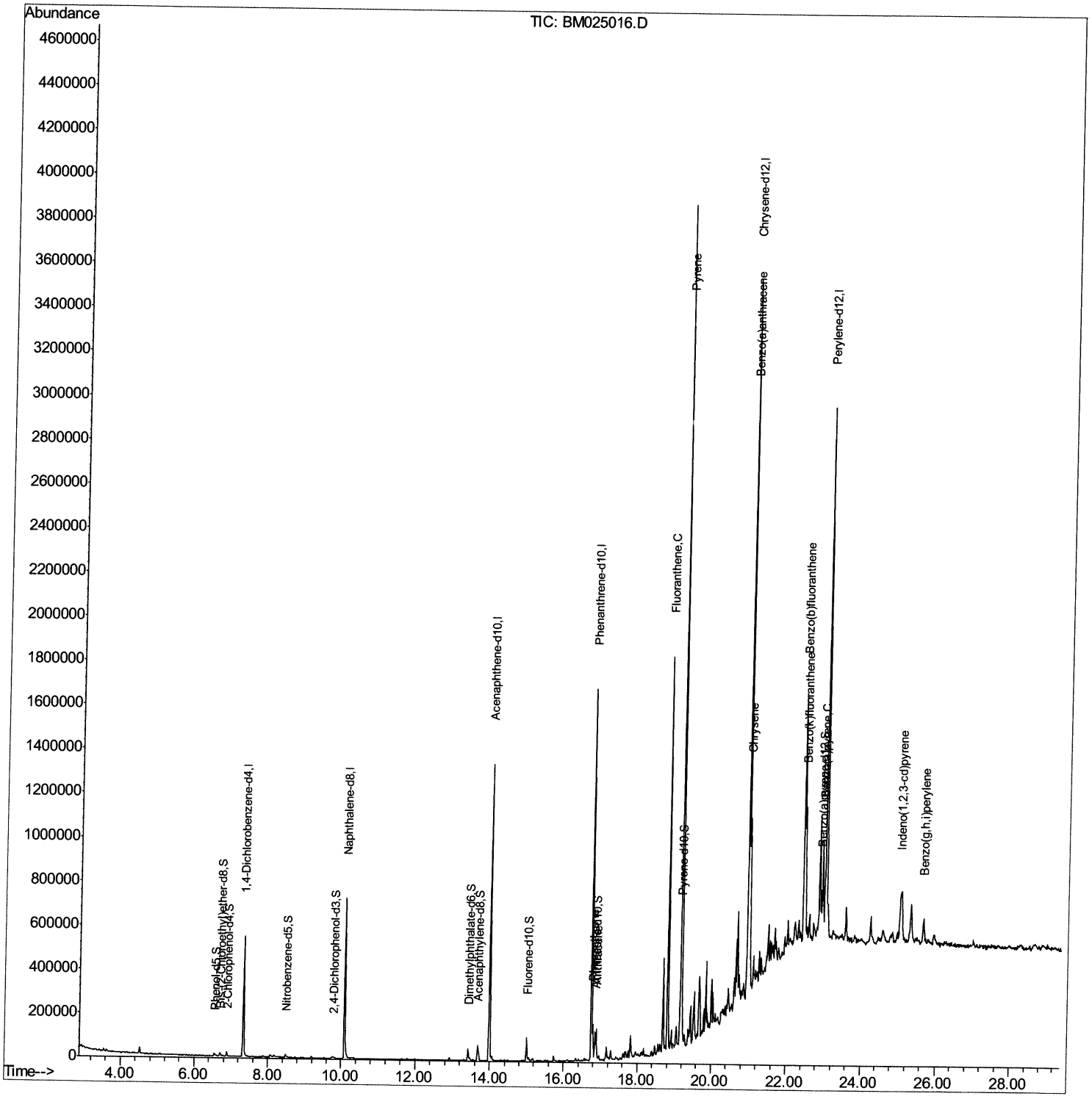
Quantitation Report (QT Reviewed)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 04:38:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
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Quant Time: Feb 24 03:37:35 2020
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mohammad
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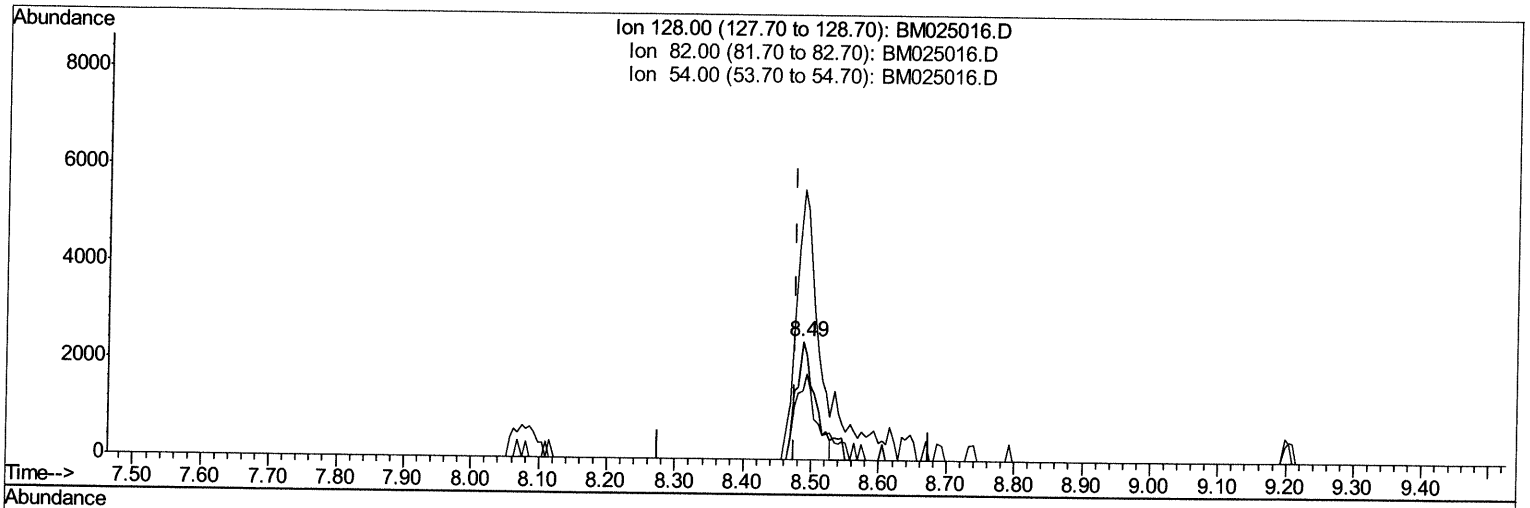

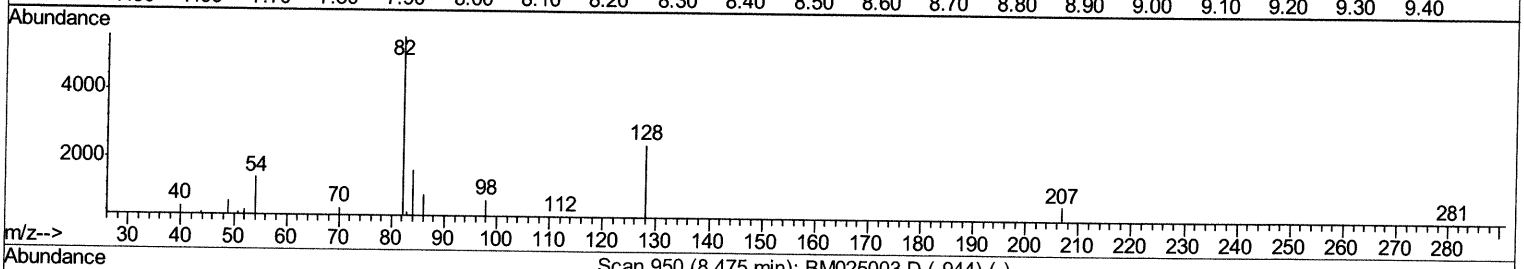

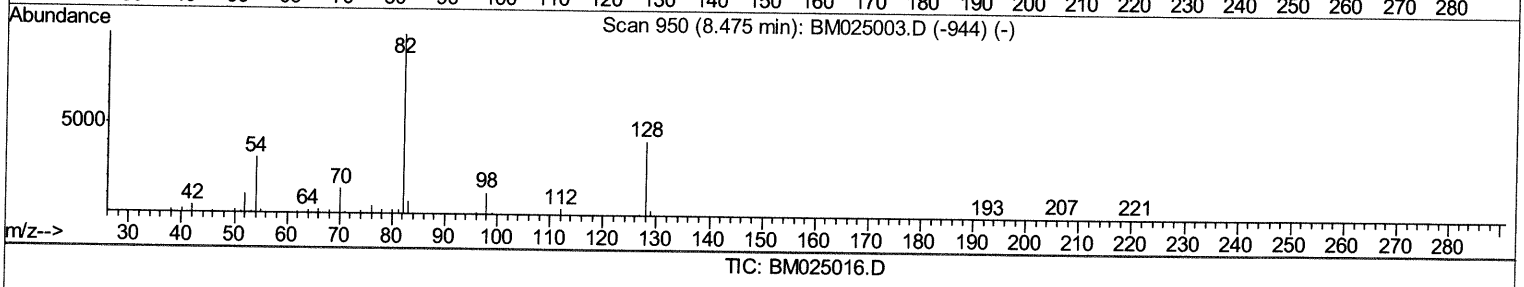

TIC: BM025016.D

(19) Nitrobenzene-d5 (S)

8.486min (+0.012) 0.97ng/ul

response 4707

Ion	Exp%	Act%
128.00	100	100
82.00	216.00	228.10
54.00	87.00	57.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
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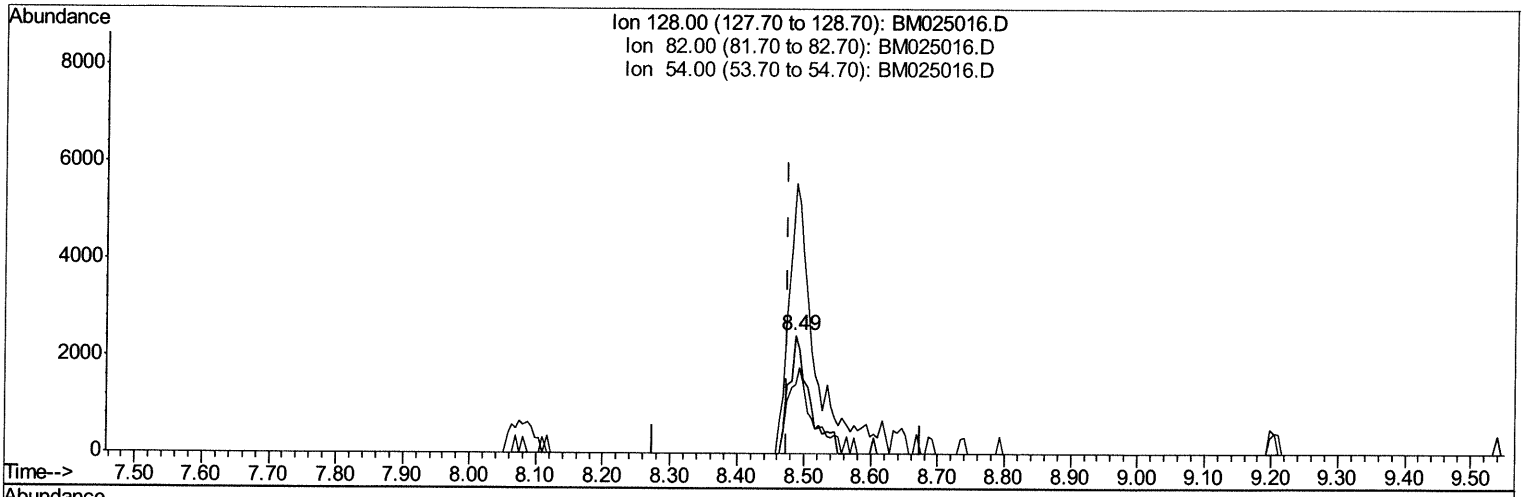
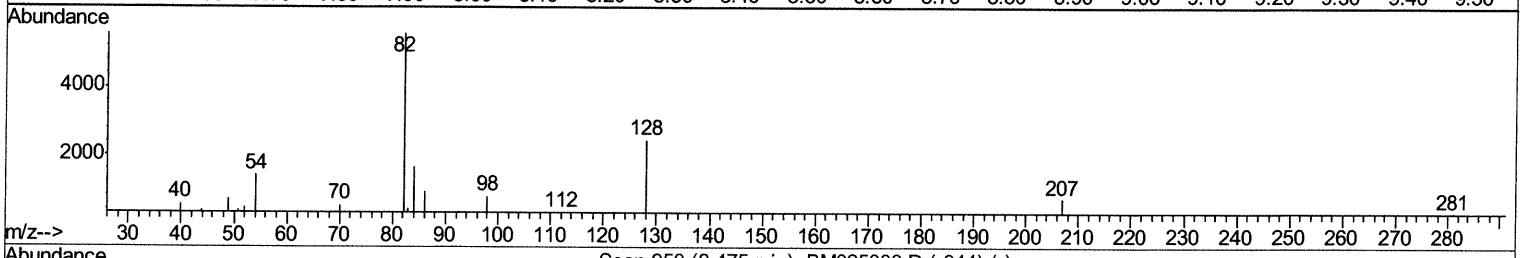
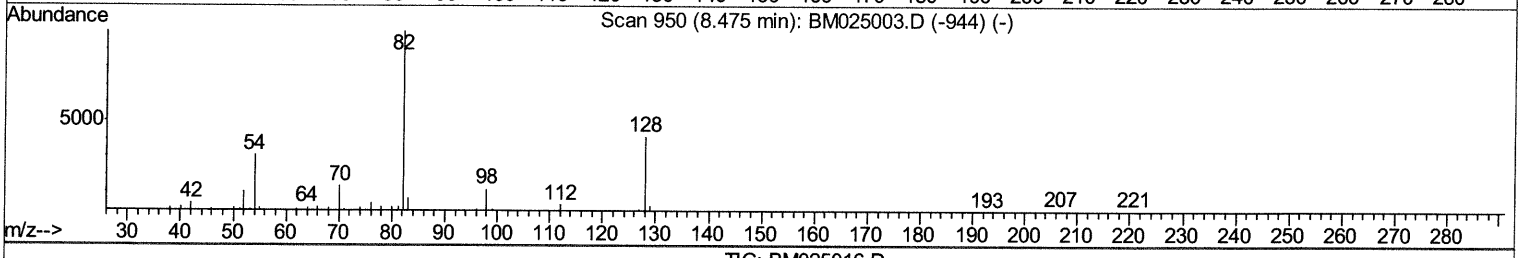
Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM







TIC: BM025016.D

(19) Nitrobenzene-d5 (S)

8.486min (+0.012) 1.07ng/ul m JU 02/25/20

response 5175

Ion	Exp%	Act%
128.00	100	100
82.00	216.00	228.10
54.00	87.00	57.89#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
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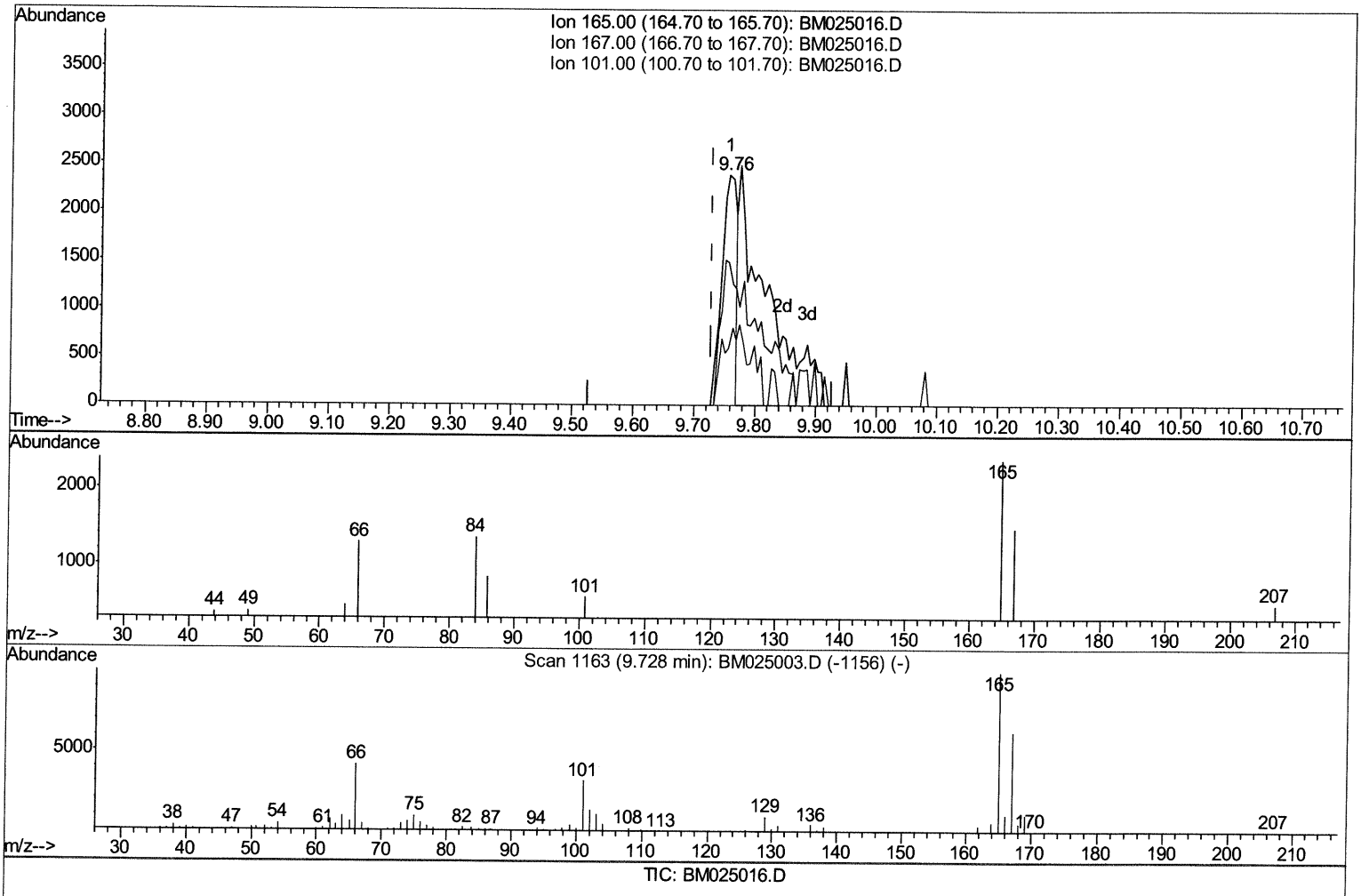


TIC: BM025016.D

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

9.757min (+0.029) 0.35ng/ul

response 4103

Ion	Exp%	Act%
165.00	100	100
167.00	66.40	62.12
101.00	30.80	24.67
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

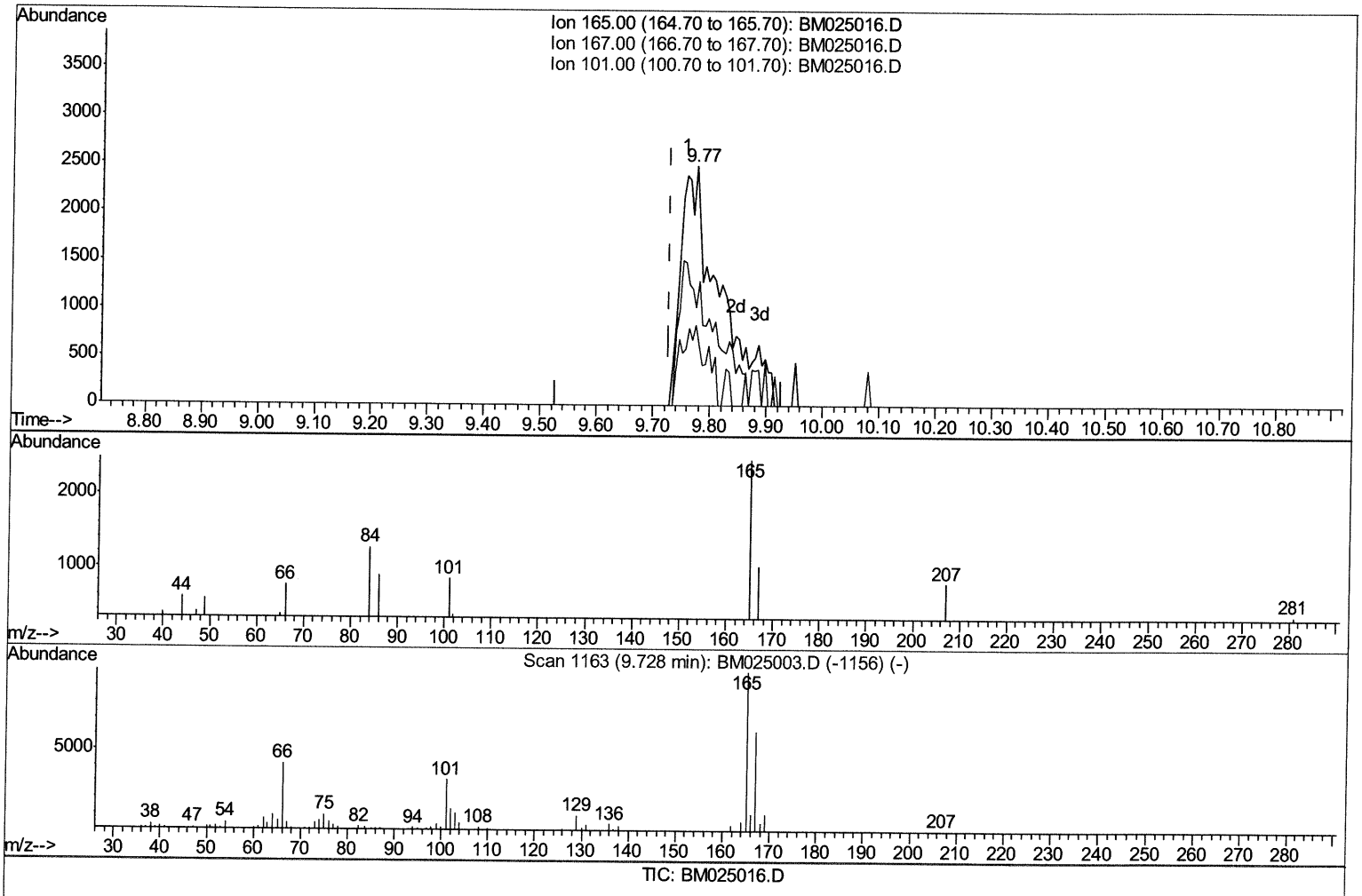
Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM



TIC: BM025016.D

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

9.775min (+0.047) 1.03ng/ul m JU 02/25/20

response 11948

Ion	Exp%	Act%
165.00	100	100
167.00	66.40	40.92#
101.00	30.80	33.86
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

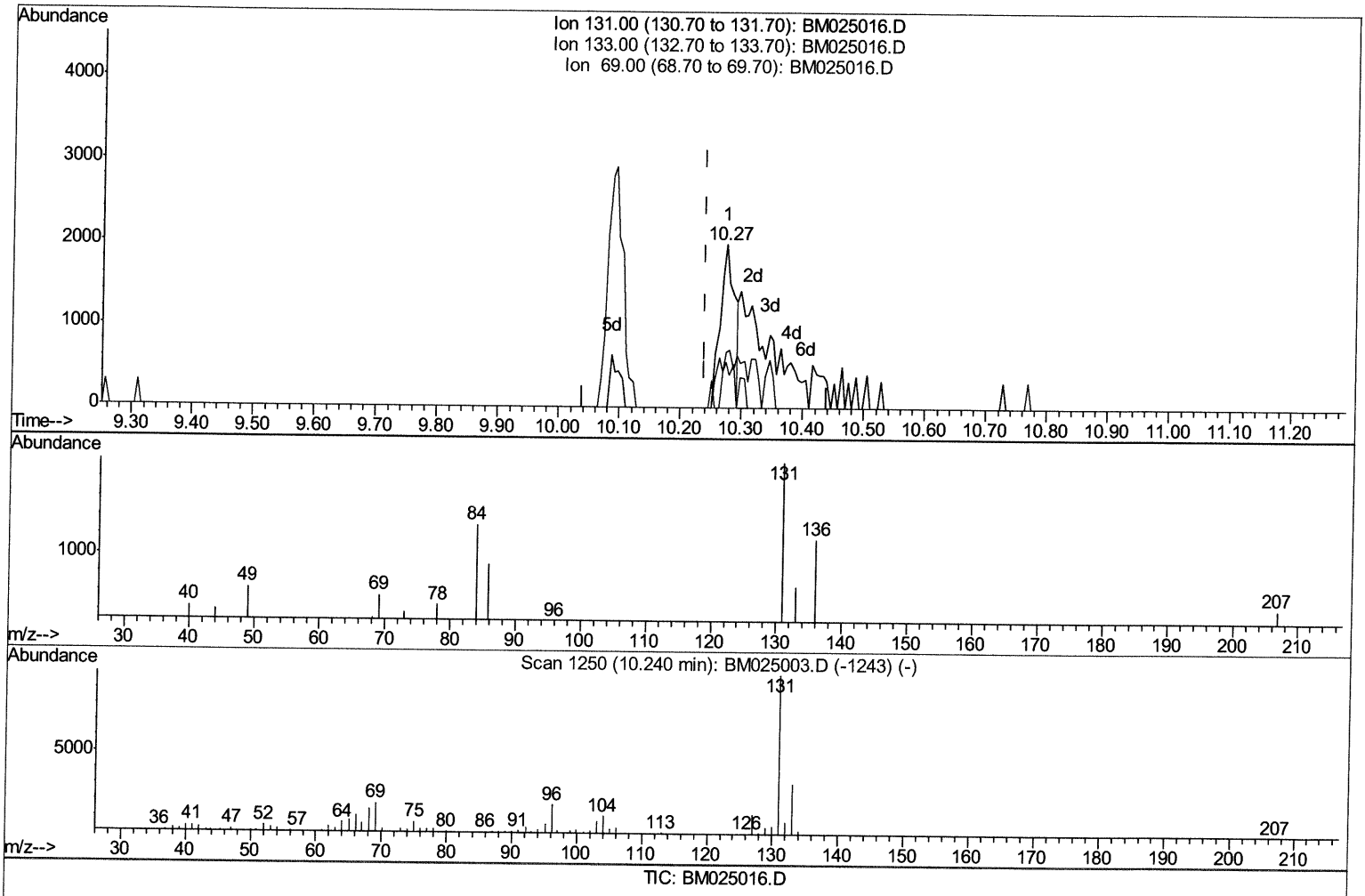
Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM



TIC: BM025016.D

(29) 4-Chloroaniline-d4 (S)

10.275min (+0.035) 0.31ng/ul

response 3315

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	33.89
69.00	16.20	28.15#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

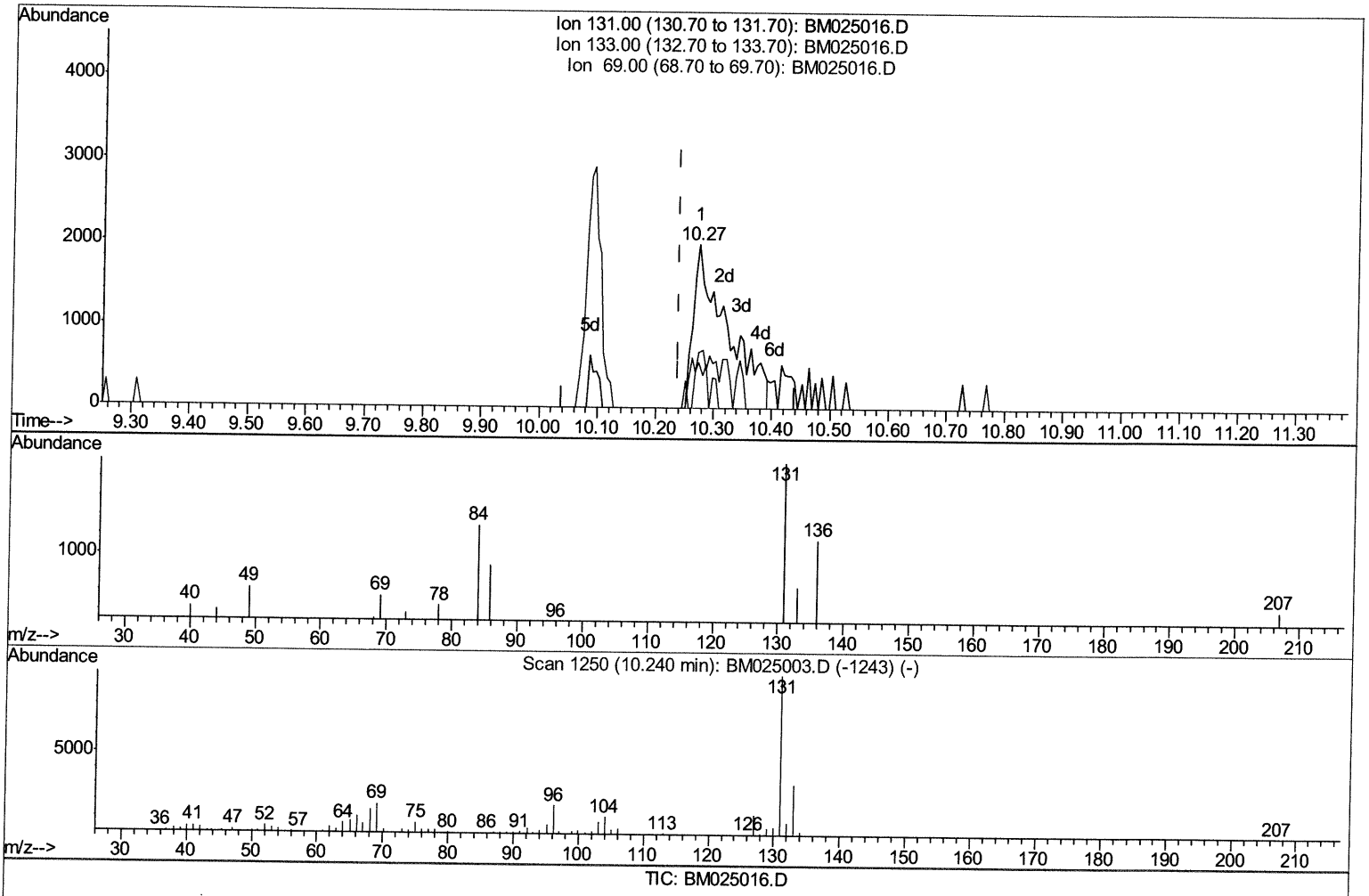
Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM



TIC: BM025016.D

(29) 4-Chloroaniline-d4 (S)

10.275min (+0.035) 0.73ng/ul m JU 02/25/20

response 7932

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	33.89
69.00	16.20	28.15#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
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BNA_M
ClientSampleId :
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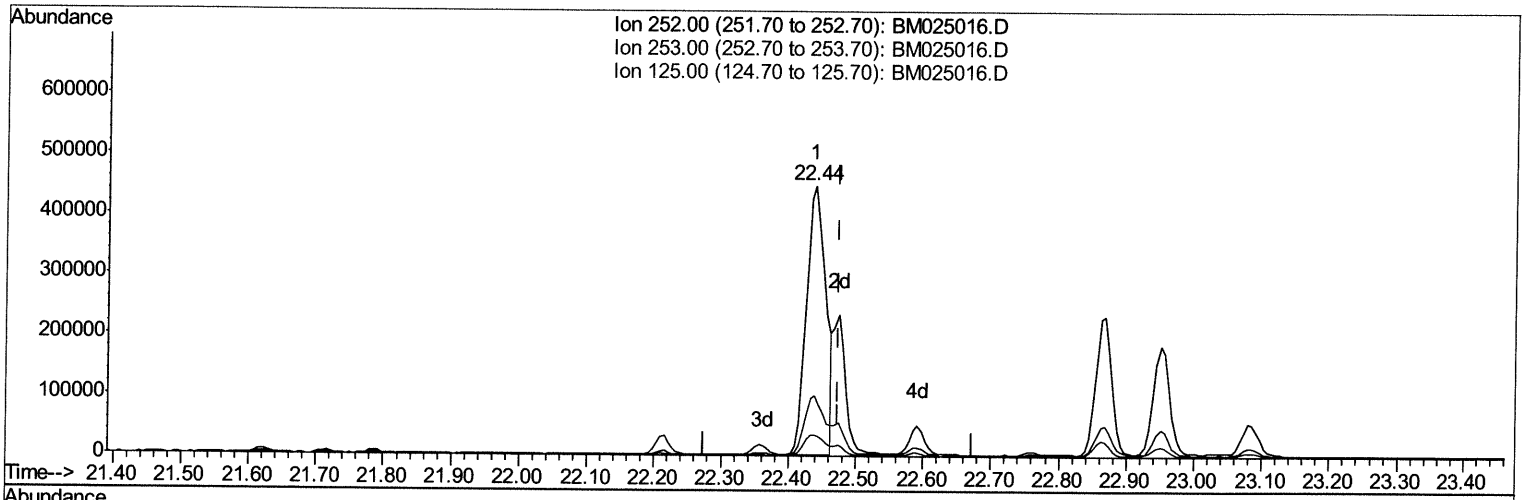
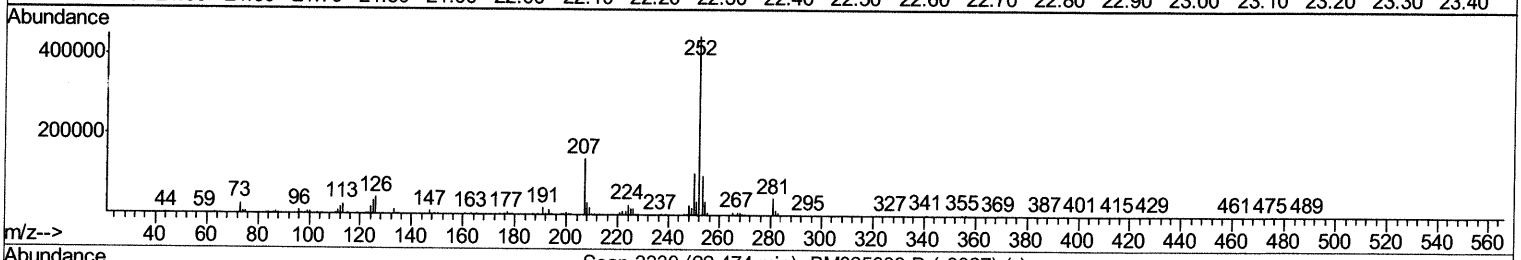
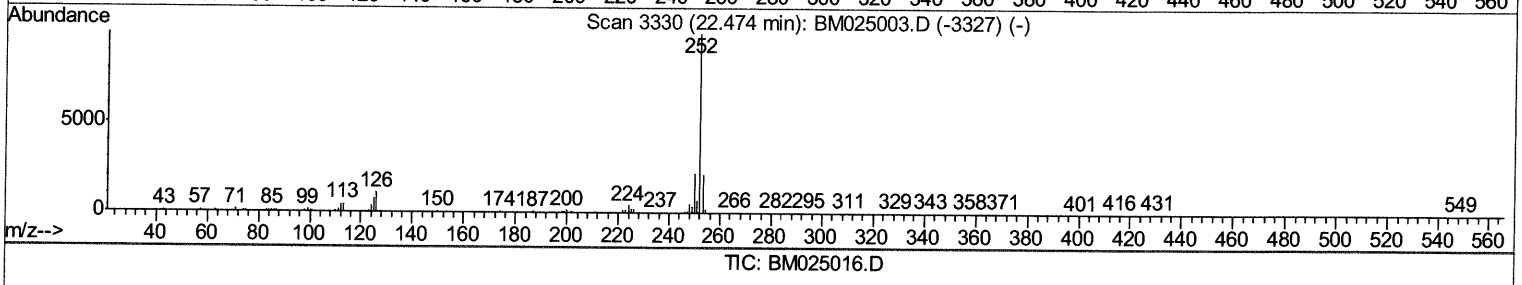
Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM







TIC: BM025016.D

(89) Benzo(k)fluoranthene

22.439min (-0.035) 8.71ng/ul

response 892935

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.23
125.00	6.40	7.56
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Qedit)

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Acq On : 22 Feb 2020 08:45
Operator : CG/JU
Sample : L1507-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 24 03:37:35 2020
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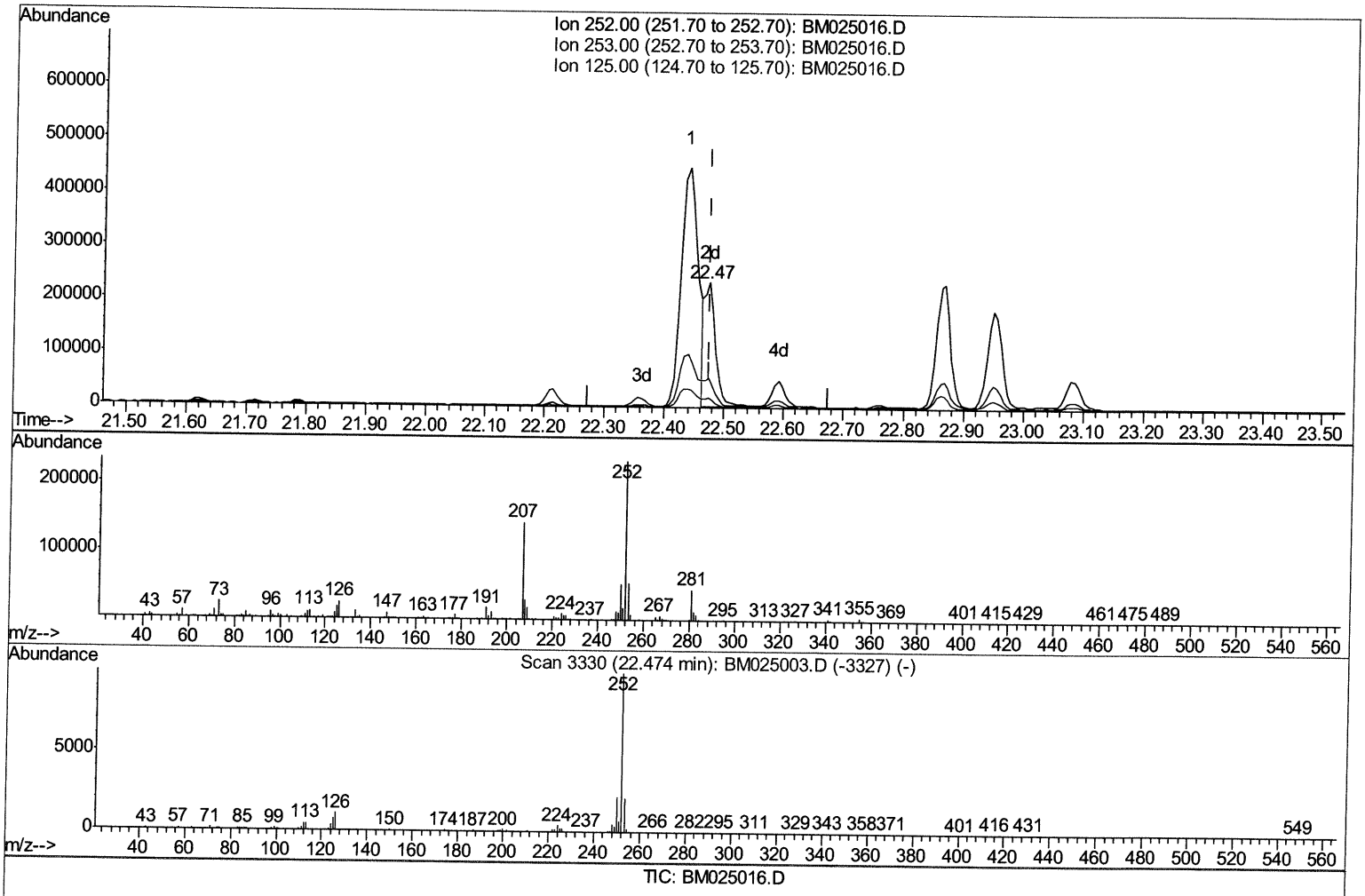
BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
mohammad
2/24/2020 3:38:47 PM



TIC: BM025016.D

(89) Benzo(k)fluoranthene

22.474min (-0.000) 2.87ng/ul m JU 02/25/20

response 294208

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.70
125.00	6.40	7.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (QT Reviewed)

Data File : BM025016.D
Acq On : 22 Feb 2020 08:45
Operator : CG/JU
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Misc :
ALS Vial : 28 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DBD12

Manual Integrations APPROVED
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2/24/2020 3:38:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.33	152	161567	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.09	136	670909	20.00	ng/ul	0.00	
36) Acenaphthene-d10	13.99	164	465904	20.00	ng/ul	0.00	
62) Phenanthrene-d10	16.75	188	1069781	20.00	ng/ul	0.00	
78) Chrysene-d12	20.96	240	1392240	20.00	ng/ul	0.00	
86) Perylene-d12	23.04	264	1674683	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.95	96	1357	0.40	ng/uL	0.01	
5) Phenol-d5	6.55	99	12701	1.18	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.70	67	9685	1.60	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.89	132	11895	1.24	ng/ul	0.01	
13) 4-Methylphenol-d8	8.07	113	8192	0.90	ng/ul	0.01	
19) Nitrobenzene-d5	8.49	128	5175m >	1.07	ng/ul >	0.01	JU 02/25/20
22) 2-Nitrophenol-d4	9.20	143	5694	0.99	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.77	165	11948m ≥	1.03	ng/ul ≥	0.05	JU 02/25/20
29) 4-Chloroaniline-d4	10.27	131	7932m ≥	0.73	ng/ul ≥	0.04	
44) Dimethylphthalate-d6	13.43	166	49507	1.41	ng/ul	0.00	
47) Acenaphthylene-d8	13.68	160	57006	1.39	ng/ul	0.00	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul		
58) Fluorene-d10	15.00	176	48483	1.56	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.14	200	3714	0.53	ng/ul	0.01	
71) Anthracene-d10	16.85	188	87286	1.79	ng/ul	0.00	
79) Pyrene-d10	19.16	212	113833	1.63	ng/ul	0.00	
90) Benzo(a)pyrene-d12	22.91	264	149542	1.78	ng/ul	0.00	
Target Compounds						Qvalue	
70) Phenanthrene	16.79	178	86650	1.486	ng/ul	98	
72) Anthracene	16.89	178	103431	1.748	ng/ul	95	
77) Fluoranthene	18.82	202	1100398	15.368	ng/ul	98	
80) Pyrene	19.19	202	2286928	24.816	ng/ul	97	
83) Benzo(a)anthracene	20.95	228	537839	5.735	ng/ul	97	
85) Chrysene	21.00	228	418486	4.533	ng/ul	97	
88) Benzo(b)fluoranthene	22.44	252	892637	8.382	ng/ul	98	
89) Benzo(k)fluoranthene	22.47	252	294208m >	2.870	ng/ul >		JU 02/25/20
91) Benzo(a)pyrene	22.95	252	316124	3.311	ng/ul#	95	
92) Indeno(1,2,3-cd)pyrene	25.04	276	177247	1.491	ng/ul	98	
94) Benzo(g,h,i)perylene	25.66	276	123071	1.245	ng/ul	94	

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