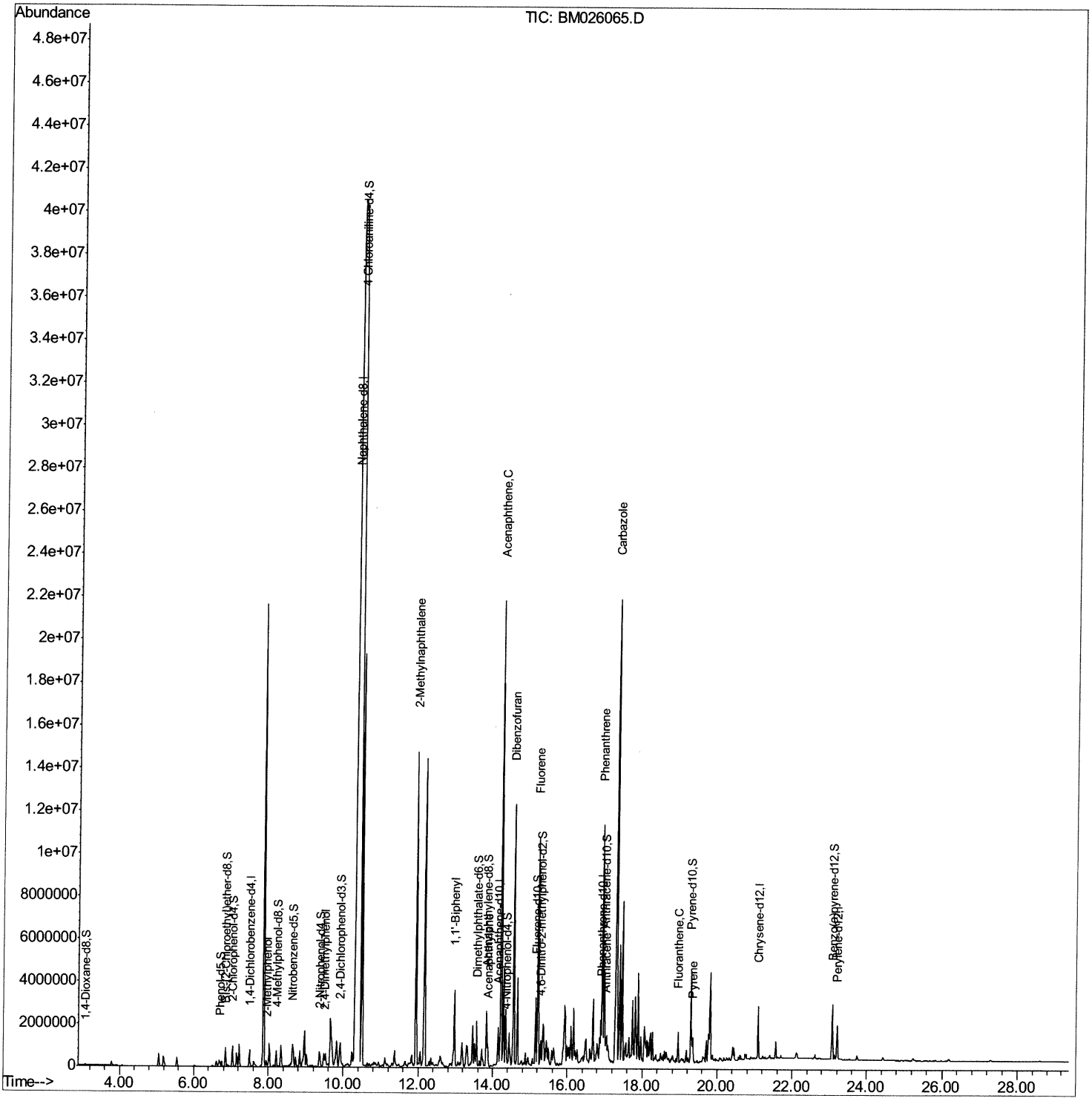
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM052120\
Data File : BM026065.D
Acq On : 21 May 2020 20:05
Operator : MA/SJ
Sample : L2725-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 22 04:29:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B22

Manual Integrations APPROVED
mohammad
5/22/2020 2:54:46 PM



Quantitation Report (Qedit)

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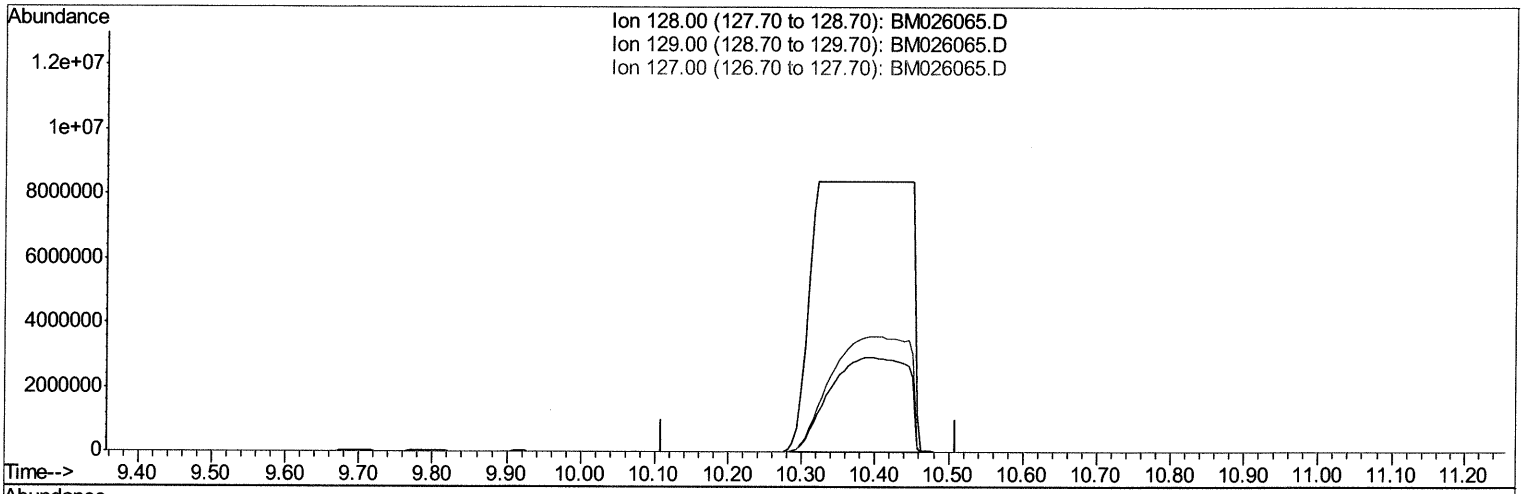

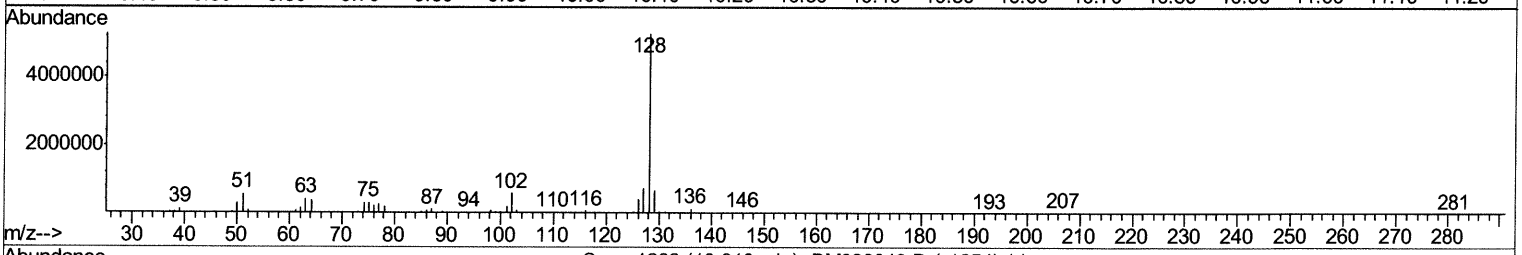

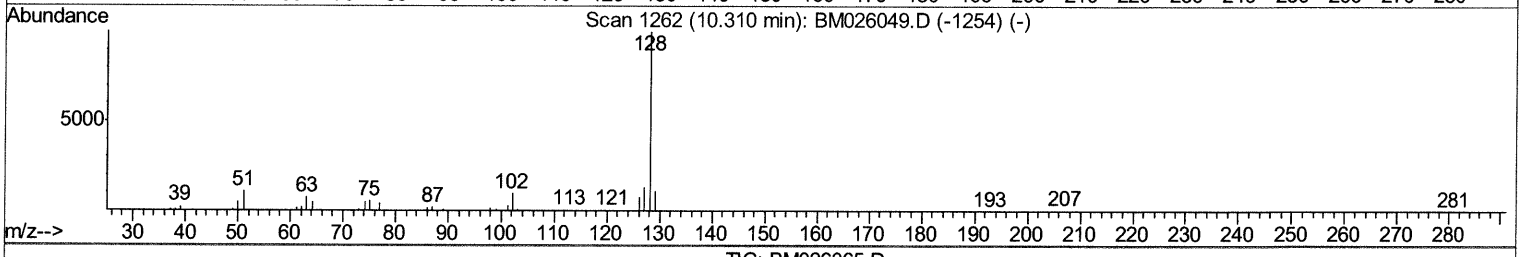

TIC: BM026065.D

(28) Naphthalene

10.310min (-10.310) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.20	0.00#
127.00	13.20	0.00#
0.00	0.00	0.00

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Manual Integrations APPROVED
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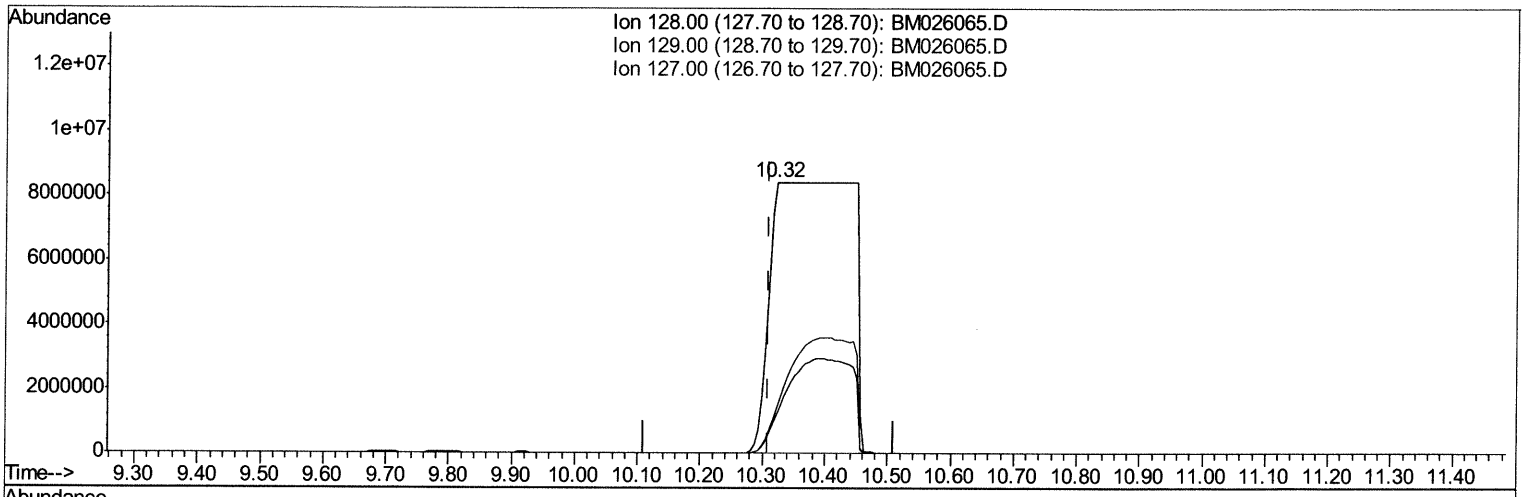

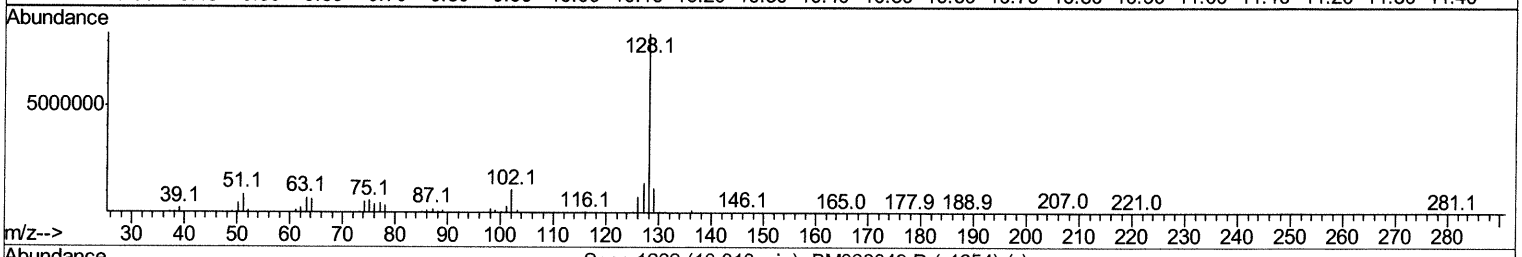

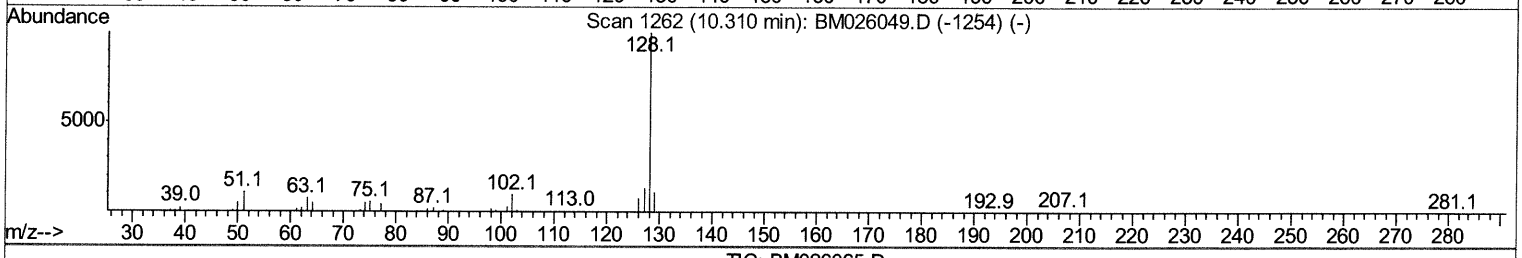

TIC: BM026065.D

(28) Naphthalene

10.322min (+0.012) 1713.20ng/ul m 05/22/20 AP

response 75164122

Ion	Exp%	Act%
128.00	100	100
129.00	11.20	14.03#
127.00	13.20	16.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 21 May 2020 20:05
Operator : MA/SJ
Sample : L2725-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 22 02:39:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
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Instrument :
BNA_M
ClientSampleId :
F9B22

Manual Integrations APPROVED
mohammad
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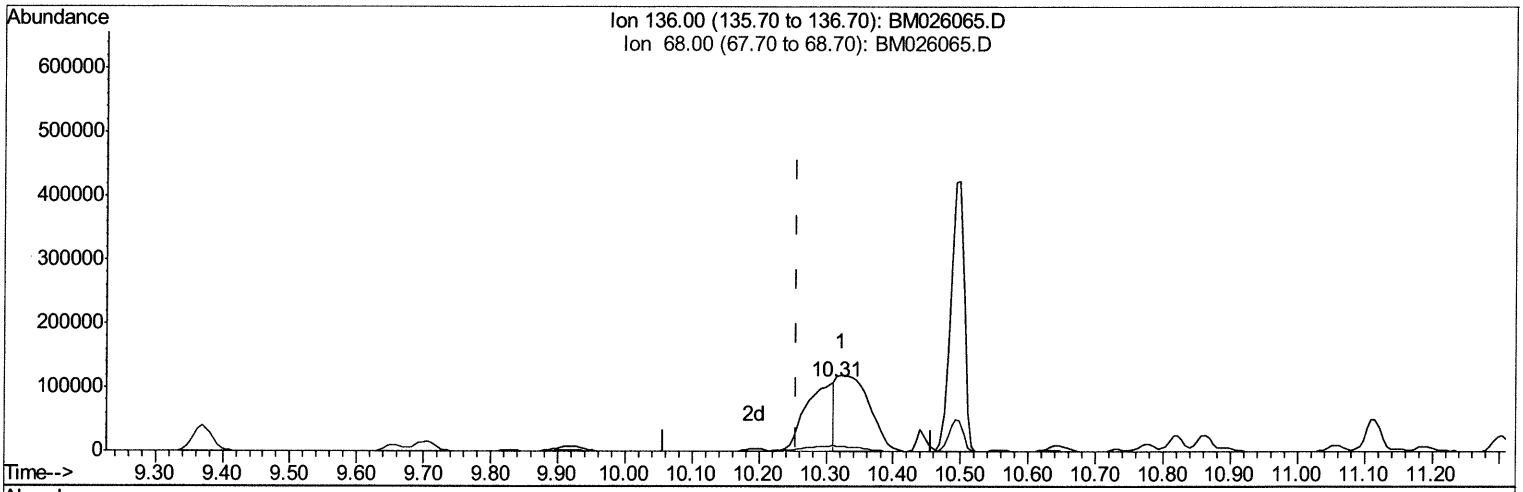

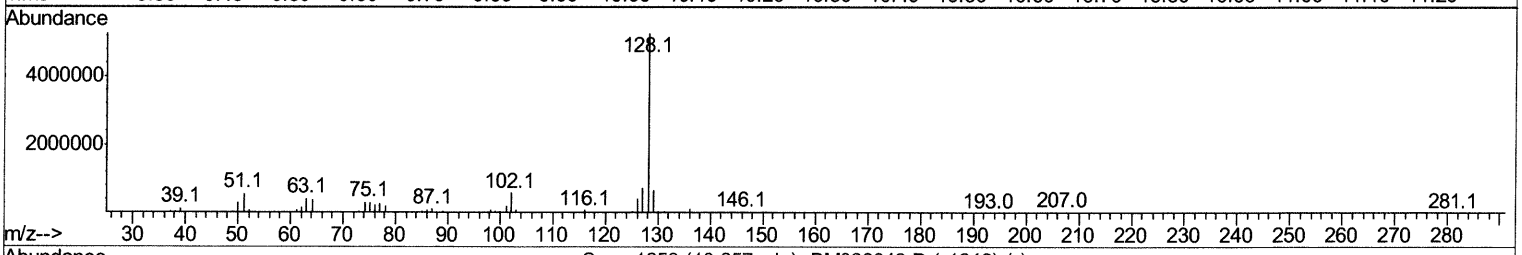

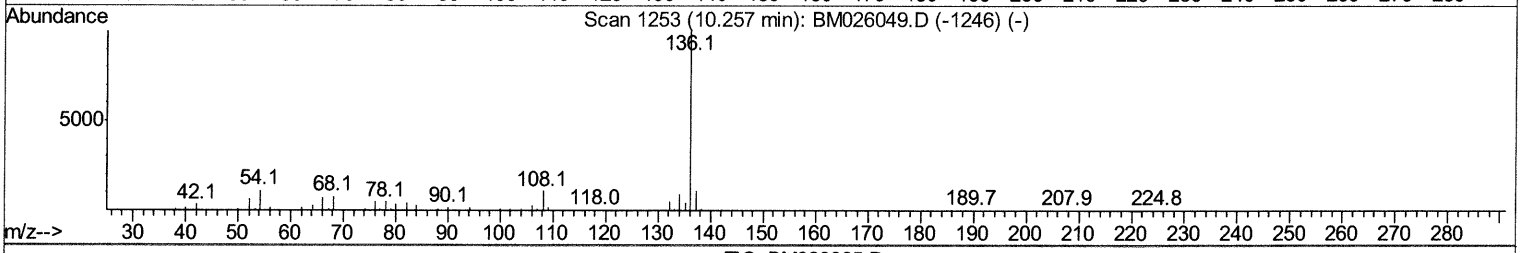

TIC: BM026065.D

(18) Naphthalene-d8 (I)

10.310min (+0.053) 20.00ng/ul m 05/22/20 AP

response 309028

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	8.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 22 02:39:33 2020
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QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B22

Manual Integrations APPROVED
mohammad
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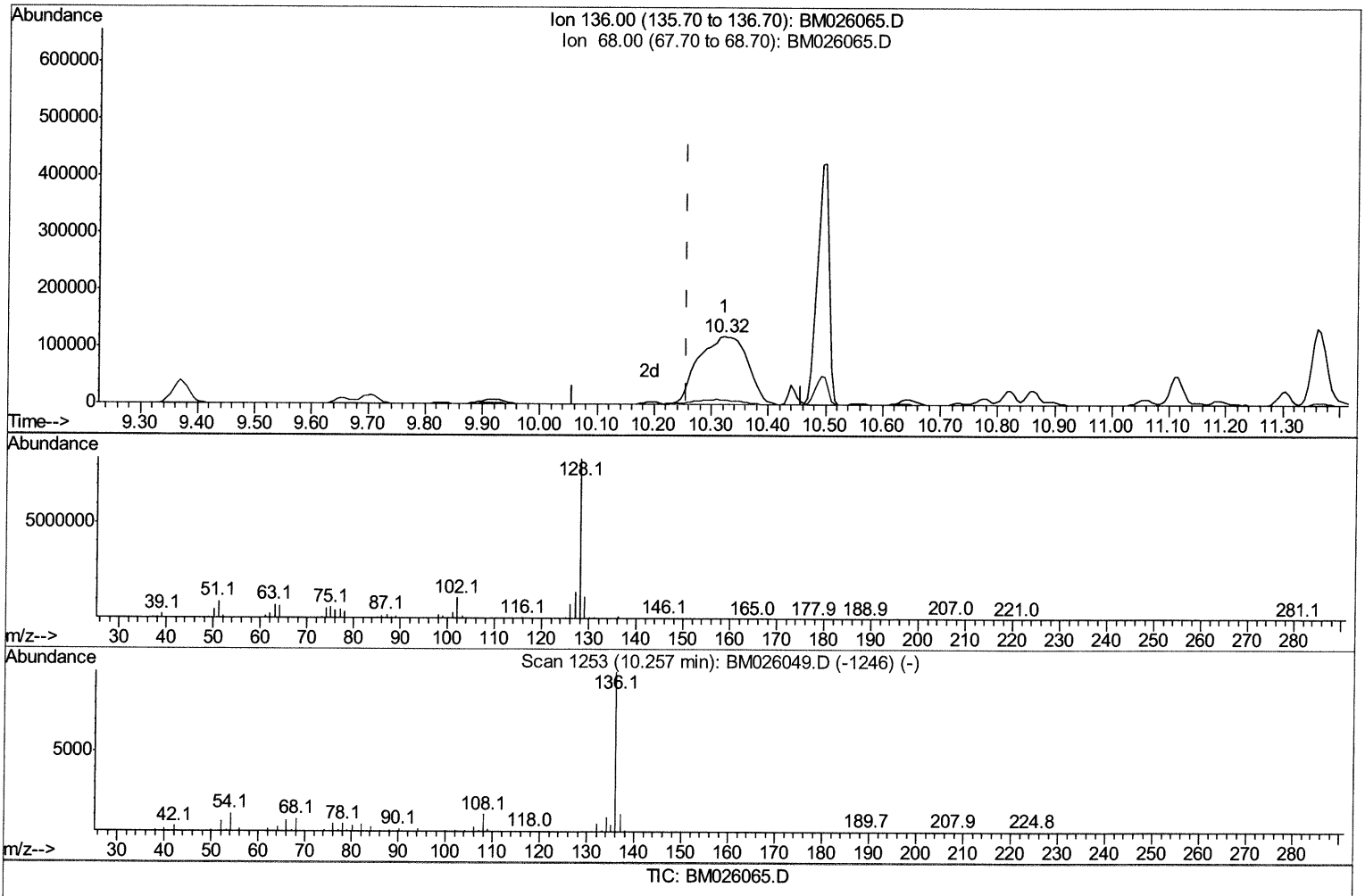

(18) Naphthalene-d8 (I)

10.322min (+0.065) 20.00ng/ul m 05/22/20 AP

response 717569

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	7.02
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
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Acq On : 21 May 2020 20:05
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Sample : L2725-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
F9B22

Manual Integrations APPROVED
mohammad
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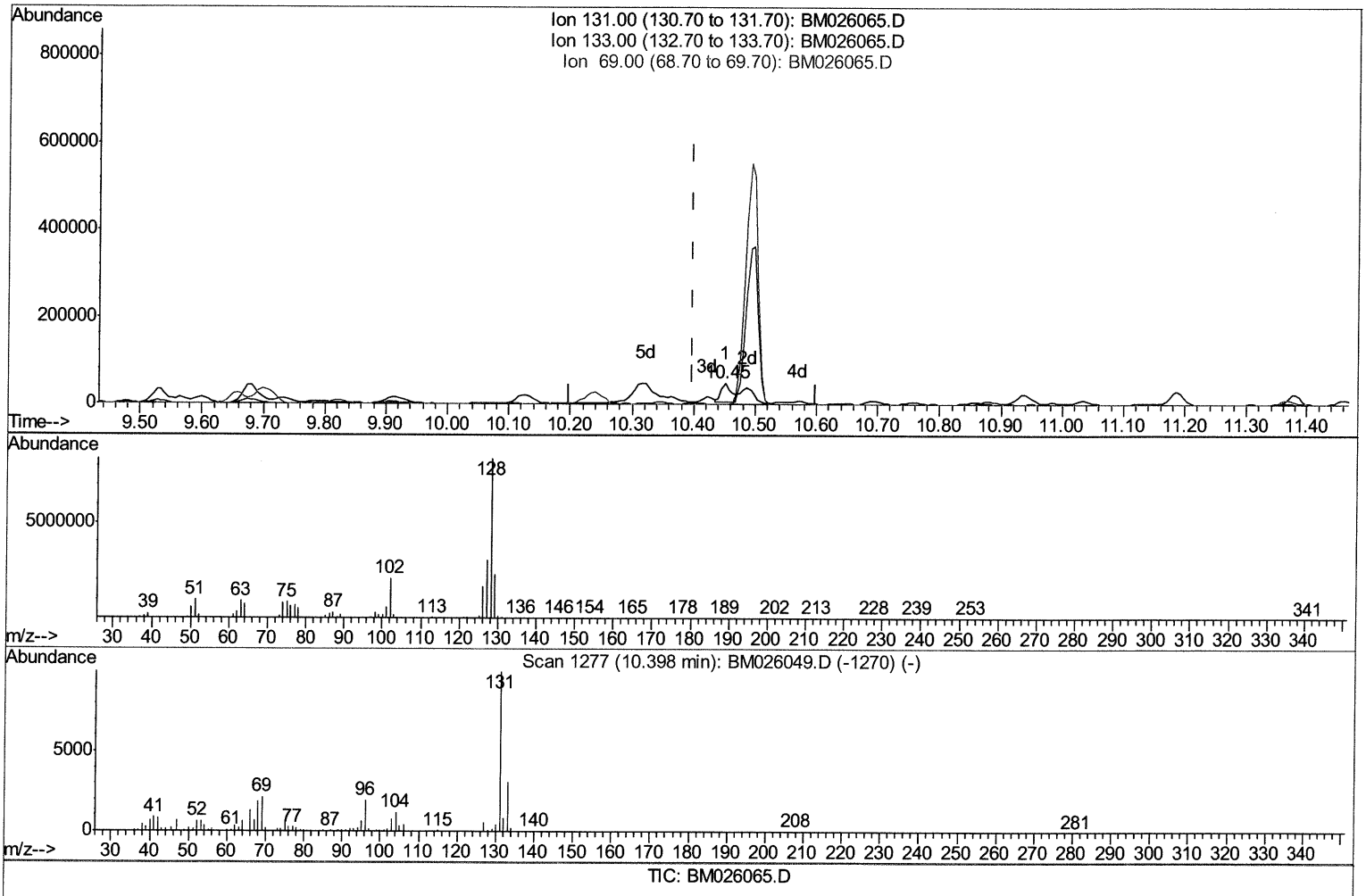

TIC: BM026065.D

(29) 4-Chloroaniline-d4 (S)

10.451min (+0.053) 10.05ng/ul

response 50981

Ion	Exp%	Act%
131.00	100	100
133.00	34.00	1.56#
69.00	21.90	1.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 17 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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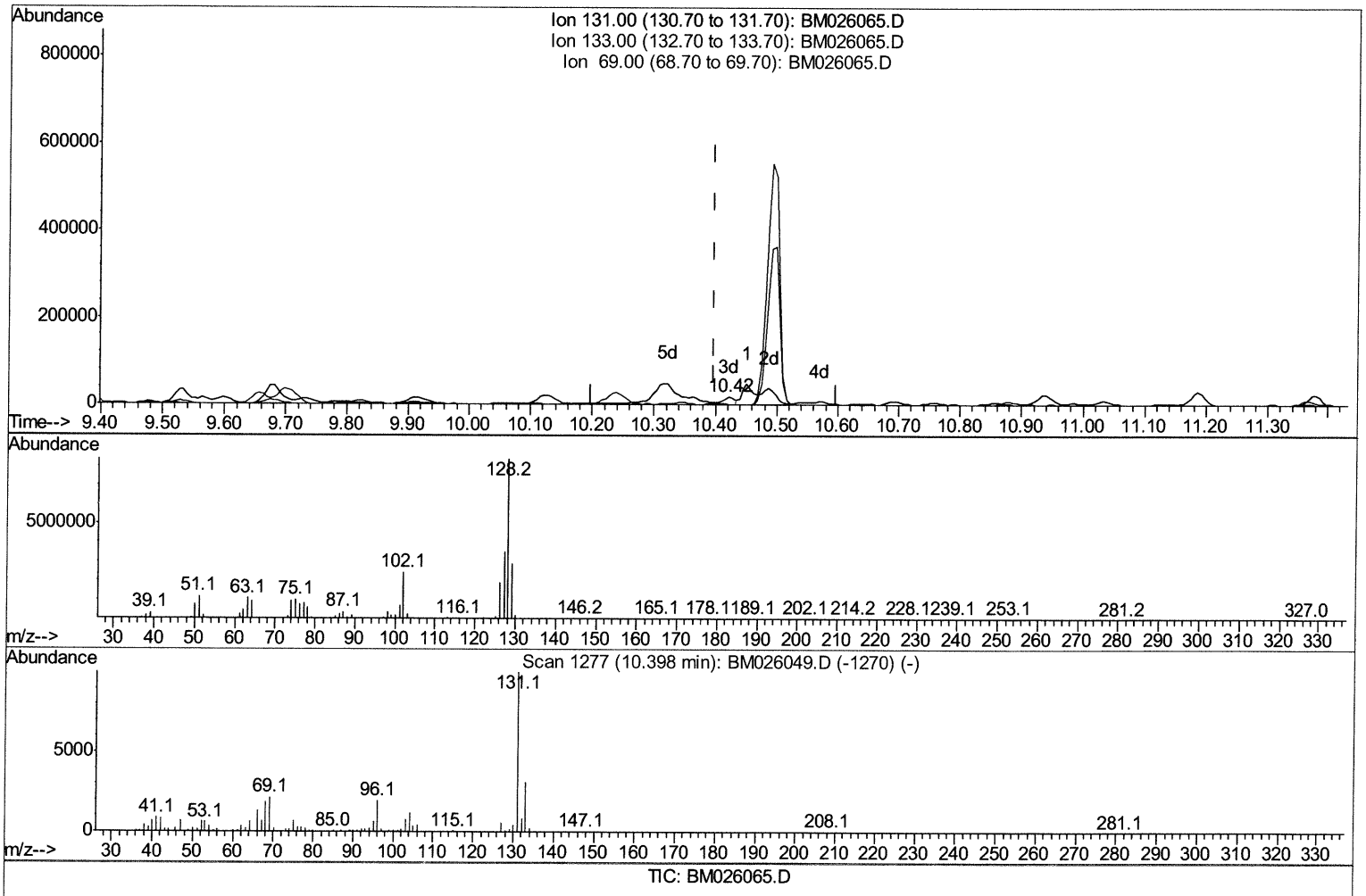

TIC: BM026065.D

(29) 4-Chloroaniline-d4 (S)

10.422min (+0.024) 2.09ng/ul m 05/22/20 AP

response 24596

Ion	Exp%	Act%
131.00	100	100
133.00	34.00	5.32#
69.00	21.90	2.25#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

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Data File : BM026065.D
Acq On : 21 May 2020 20:05
Operator : MA/SJ
Sample : L2725-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 21 10:18:34 2020
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F9B22

Manual Integrations APPROVED
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5/22/2020 2:54:46 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	193670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	717569m>	20.00	ng/ul >	0.06 05/22/20 AP
36) Acenaphthene-d10	14.15	164	486668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	981561	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	976646	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1010248	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	27746	4.32	ng/uL	0.01
5) Phenol-d5	6.69	99	147914	8.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	407290	33.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	371848	27.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	253977	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	236917	40.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.37	143	243409	42.06	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.92	165	399159	34.36	ng/ul	0.02
29) 4-Chloroaniline-d4	10.42	131	24596m>	2.09	ng/ul >	0.02 05/22/20 AP
44) Dimethylphthalate-d6	13.57	166	1281243	32.83	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1552698	33.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	76536	11.07	ng/ul	0.01
58) Fluorene-d10	15.15	176	1115723	32.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	193998	33.90	ng/ul	0.01
71) Anthracene-d10	16.99	188	1670178	34.53	ng/ul	0.00
79) Pyrene-d10	19.29	212	1798750	35.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1588927	29.55	ng/ul	0.00
Target Compounds						Qvalue
11) 2-Methylphenol	7.95	108	84597	6.234	ng/ul	100
24) 2,4-Dimethylphenol	9.48	107	307214	19.118	ng/ul	98
28) Naphthalene	10.32	128	75164122m>	1713.199	ng/ul >	05/22/20 AP
34) 2-Methylnaphthalene	11.95	142	6786625	229.980	ng/ul	100
41) 1,1'-Biphenyl	12.97	154	1725227	39.951	ng/ul	99
48) Acenaphthylene	13.86	152	148030	2.916	ng/ul#	88
50) Acenaphthene	14.22	153	8990827	251.147	ng/ul	98
54) Dibenzofuran	14.56	168	6870913	136.571	ng/ul	99
59) Fluorene	15.20	166	4633598	113.855	ng/ul	99
70) Phenanthrene	16.94	178	6348667	102.681	ng/ul	99
72) Anthracene	17.03	178	481123	7.756	ng/ul	98
75) Carbazole	17.32	167	15455743	301.173	ng/ul	93
77) Fluoranthene	18.96	202	709735	10.943	ng/ul	99
80) Pyrene	19.32	202	387532	5.652	ng/ul	97

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