

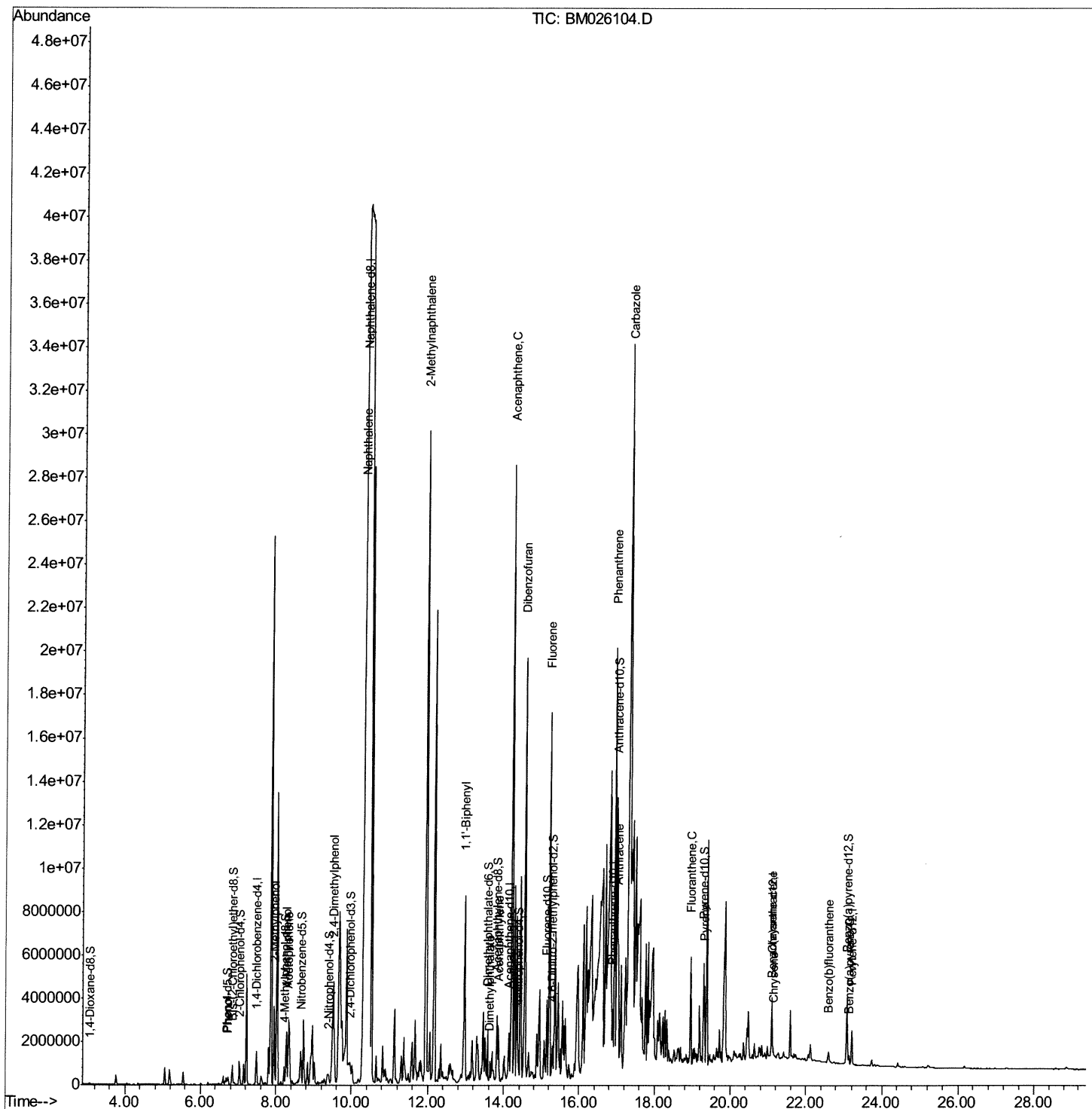
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B27

Manual Integrations
APPROVED

mohammad
5/26/2020 10:12:07 AM

Quant Time: May 25 02:52:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

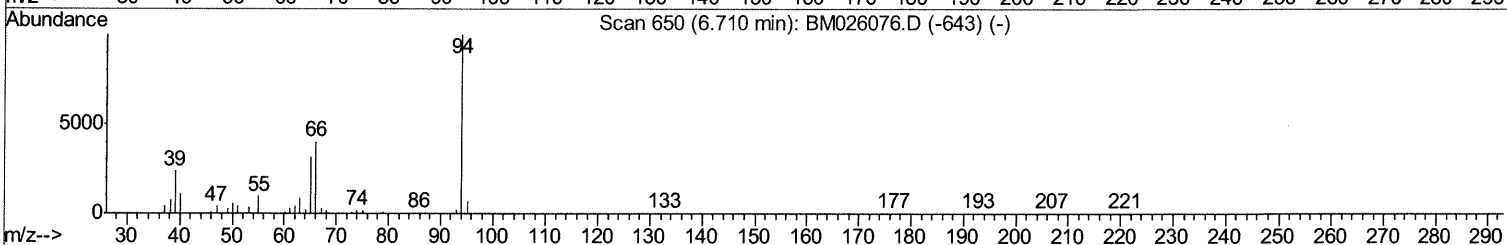
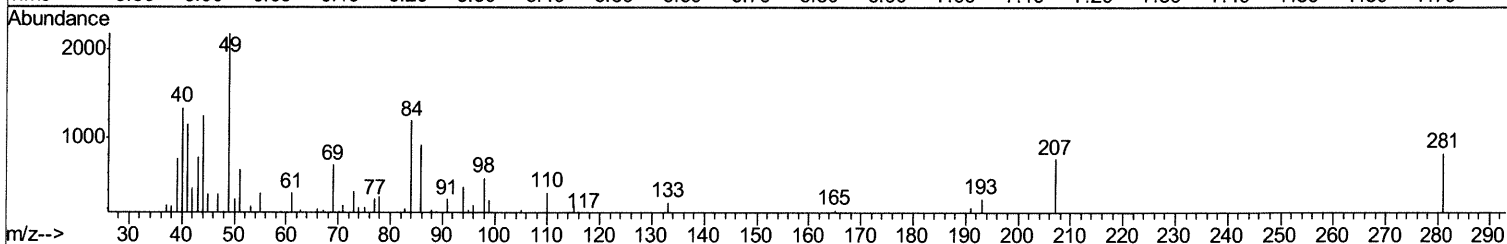
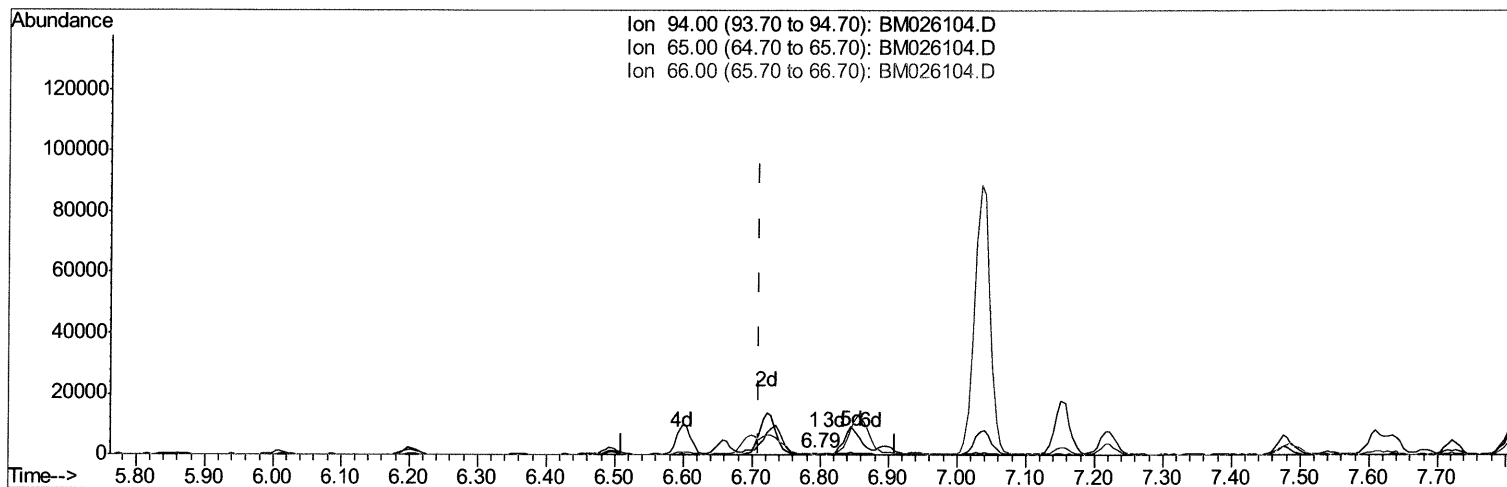
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
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Manual Integrations
APPROVED

mohammad
5/26/2020 10:12:07 AM

Quant Time: May 23 08:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



TIC: BM026104.D

(6) Phenol

6.792min (+0.082) 0.02ng/ul

response 321

Ion	Exp%	Act%
94.00	100	100
65.00	32.30	35.08
66.00	41.60	44.65
0.00	0.00	0.00

Quantitation Report (Qedit)

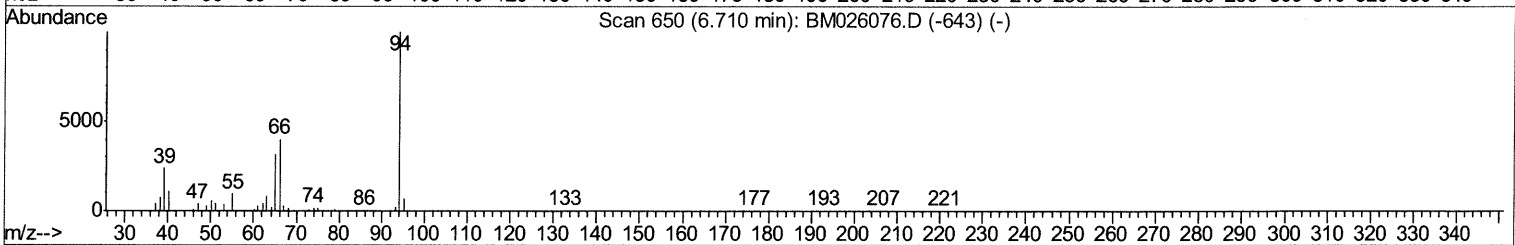
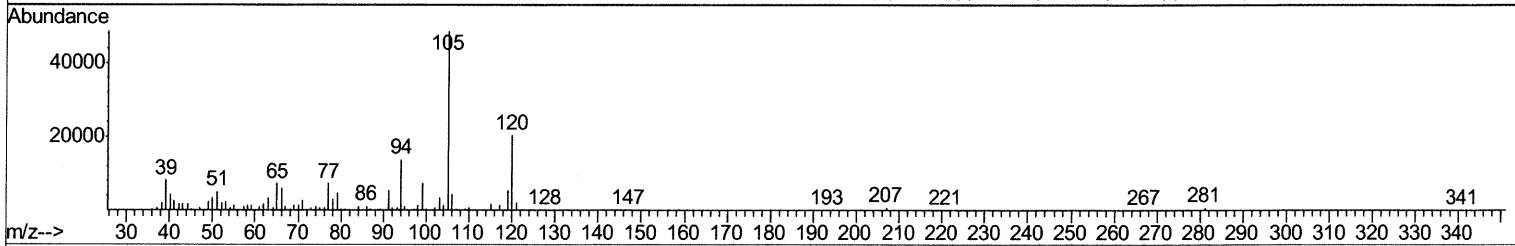
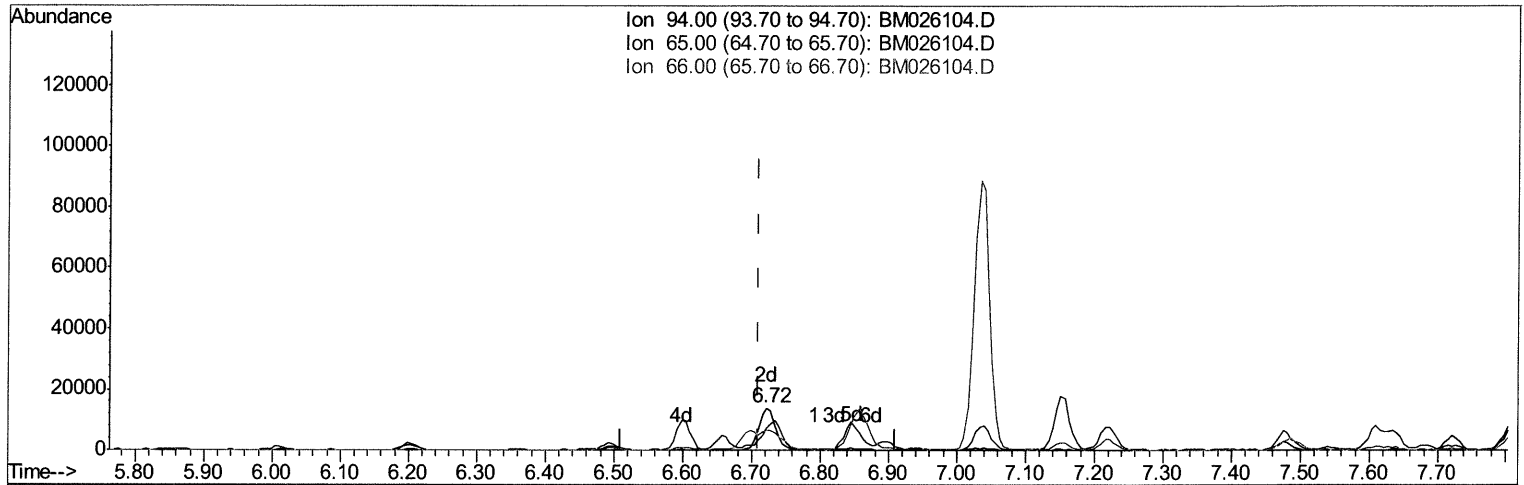
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
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Manual Integrations
APPROVED

mohammad
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Quant Time: May 23 08:18:51 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



TIC: BM026104.D

(6) Phenol

6.722min (+0.012) 1.13ng/ul m 0512860 AP

response 23734

Ion	Exp%	Act%
94.00	100	100
65.00	32.30	53.91#
66.00	41.60	45.57
0.00	0.00	0.00

Quantitation Report (Qedit)

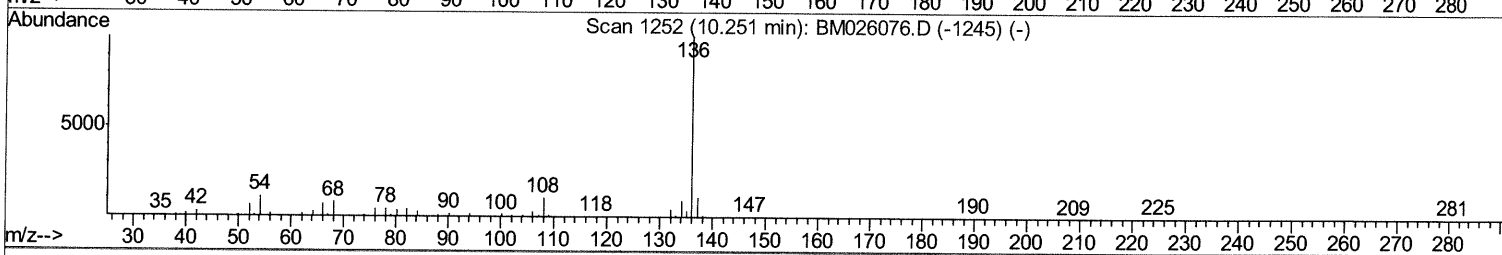
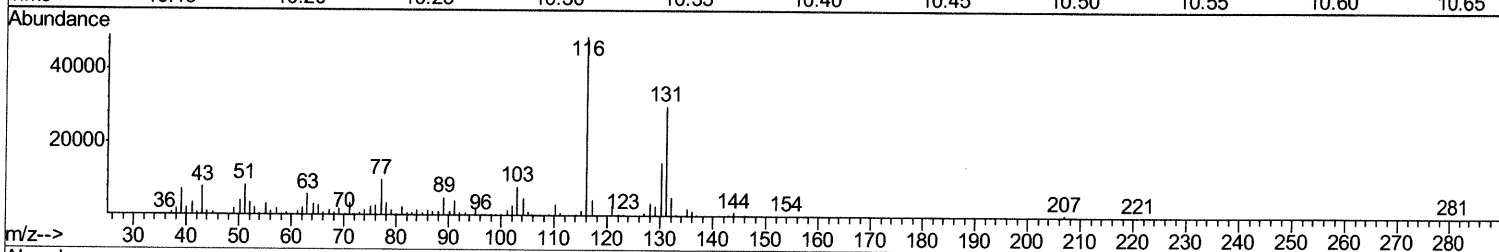
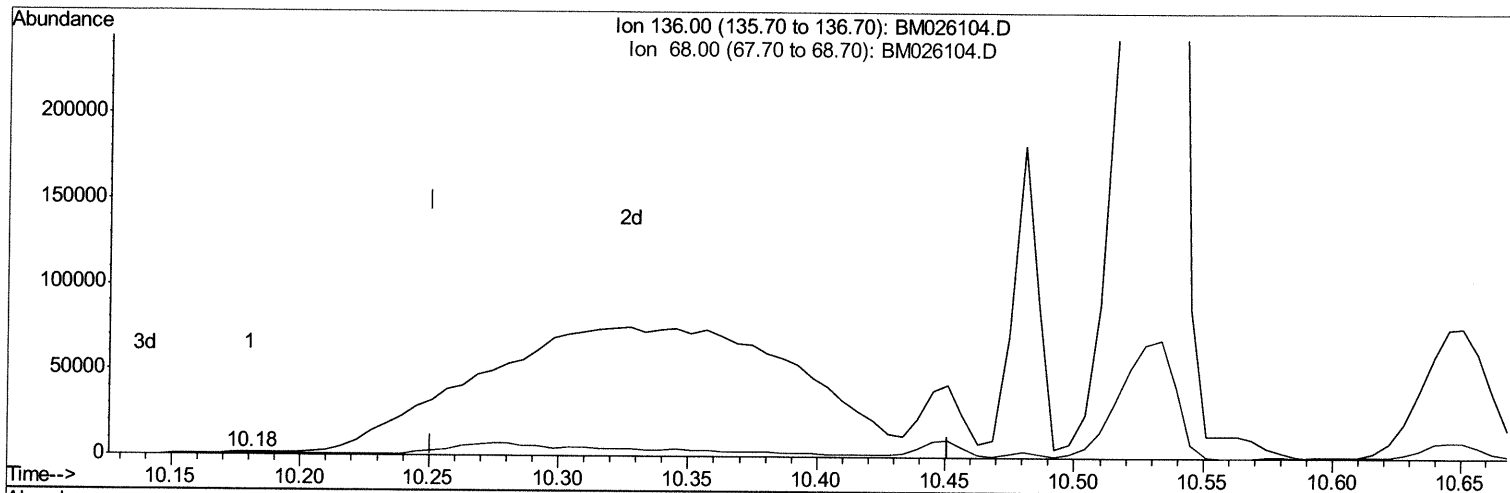
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026104.D
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Manual Integrations
 APPROVED

mohammad
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Quant Time: May 23 08:26:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 22 13:18:41 2020
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TIC: BM026104.D

(18) Naphthalene-d8 (I)

10.180min (-0.071) 20.00ng/ul

response 1754

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	56.05#
0.00	0.00	0.00
0.00	0.00	0.00

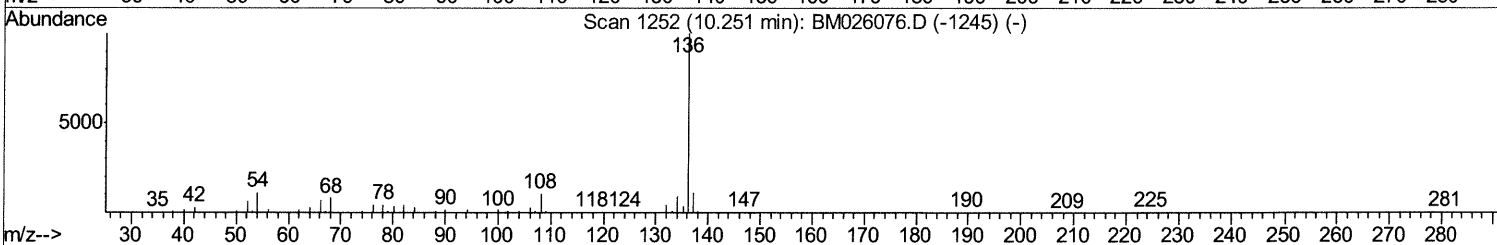
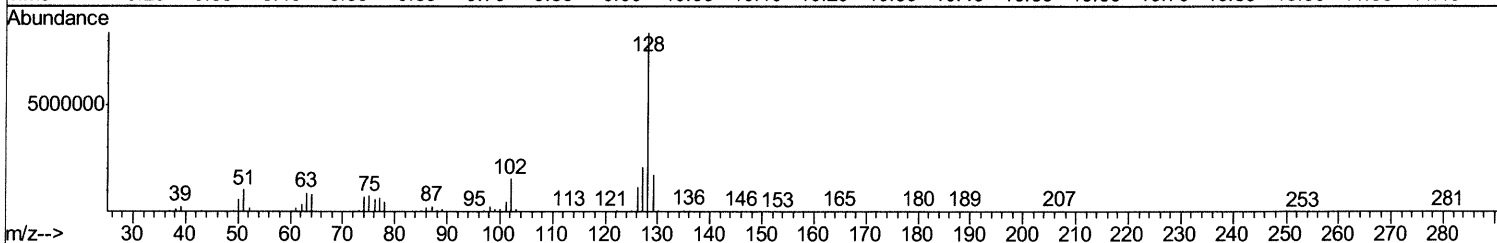
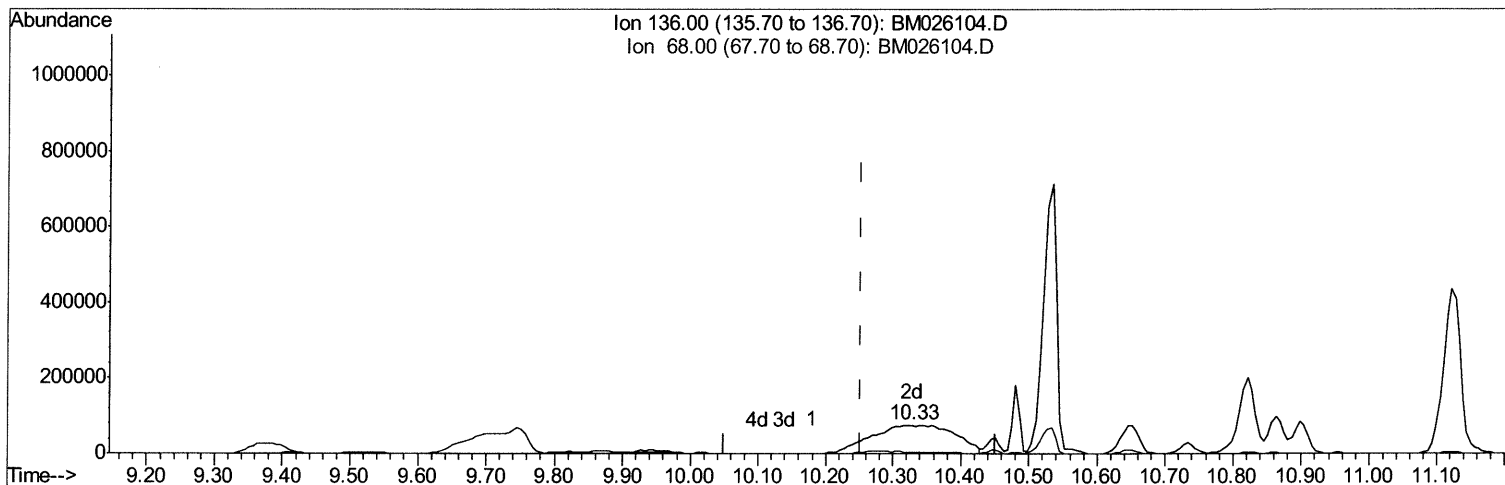
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
5/26/2020 10:12:07 AM

Quant Time: May 23 08:26:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



TIC: BM026104.D

(18) Naphthalene-d8 (I)

10.327min (+0.076) 20.00ng/ul m 05/28/20 AP

response 648367

Ion	Exp%	Act%
136.00	100	100
68.00	7.50	5.77#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

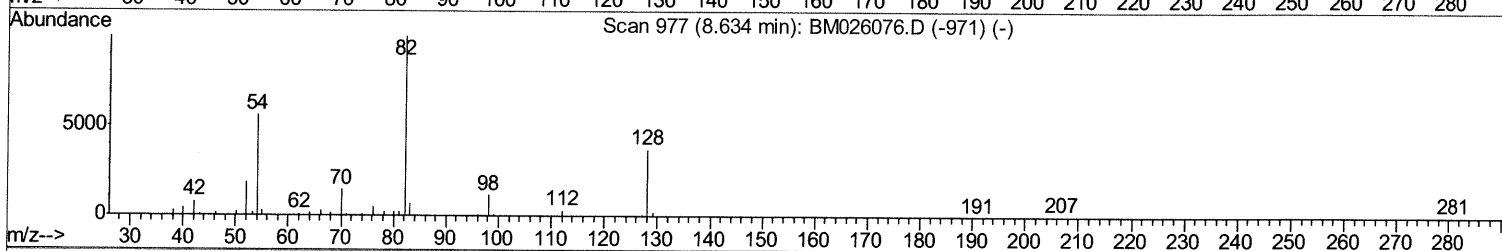
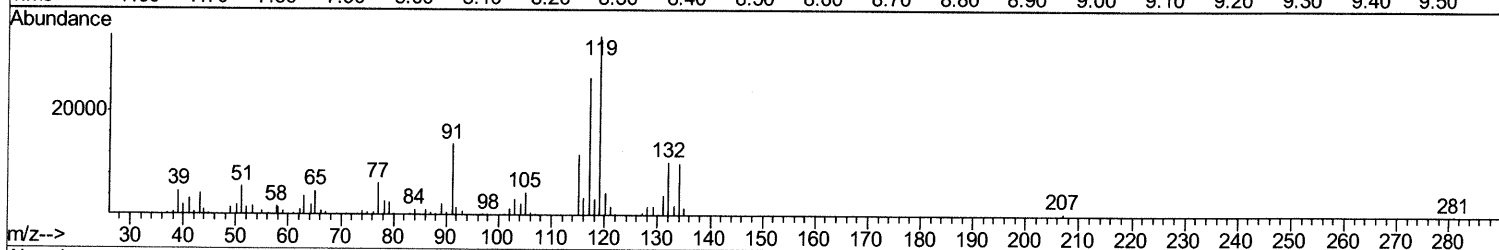
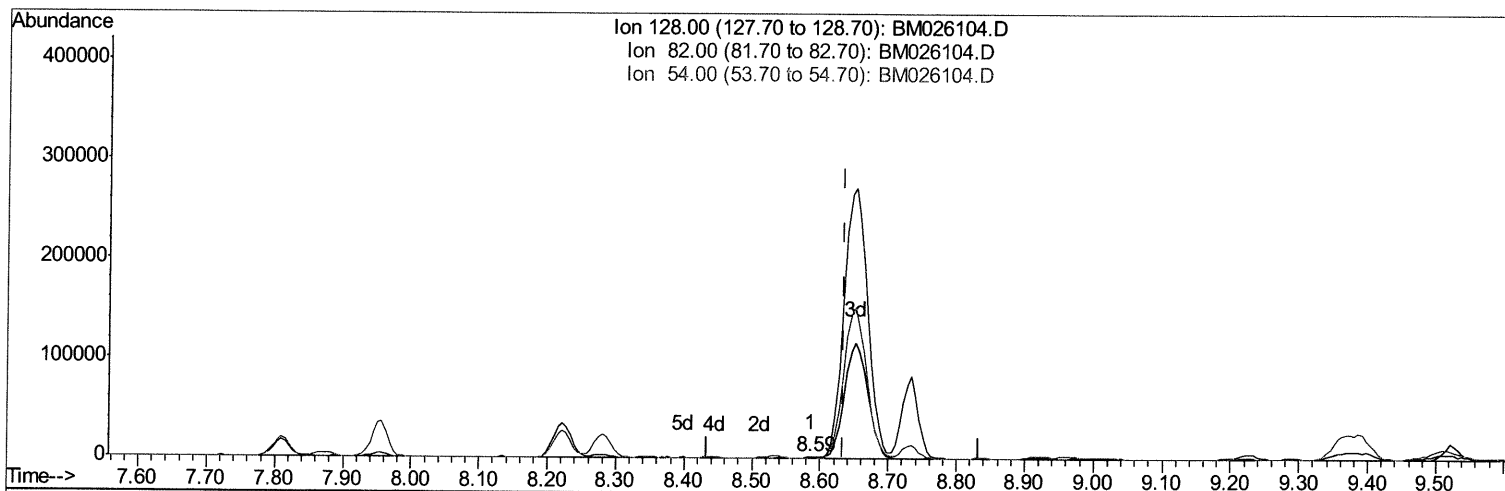
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026104.D
 Acq On : 23 May 2020 06:42
 Operator : MA/SJ
 Sample : L2737-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Manual Integrations
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mohammad
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Quant Time: May 23 08:27:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BM026104.D

(19) Nitrobenzene-d5 (S)
 8.586min (-0.047) 0.48ng/ul
 response 2516

Ion	Exp%	Act%
128.00	100	100
82.00	279.30	0.00#
54.00	164.90	13.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

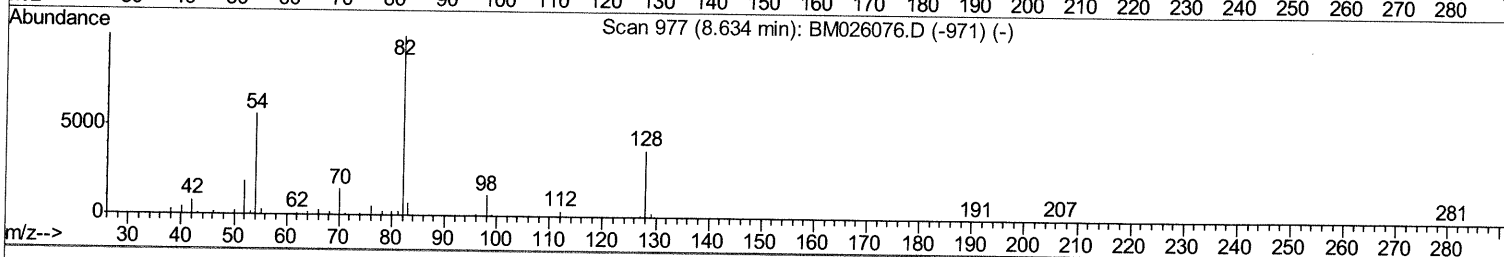
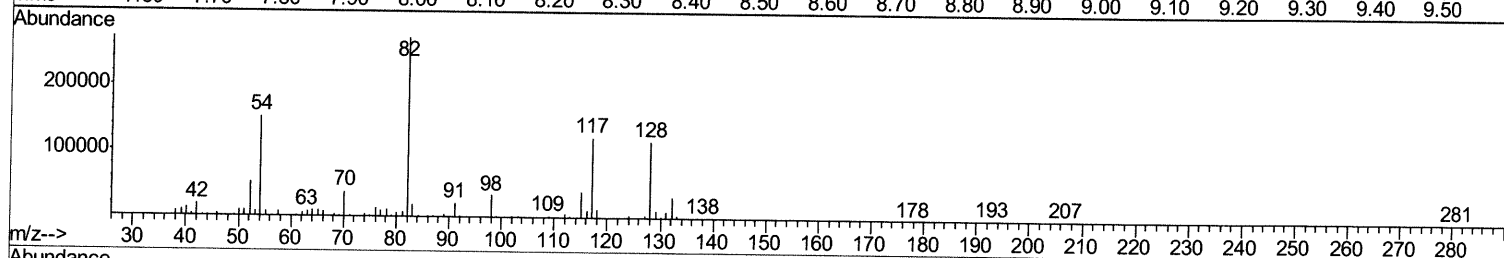
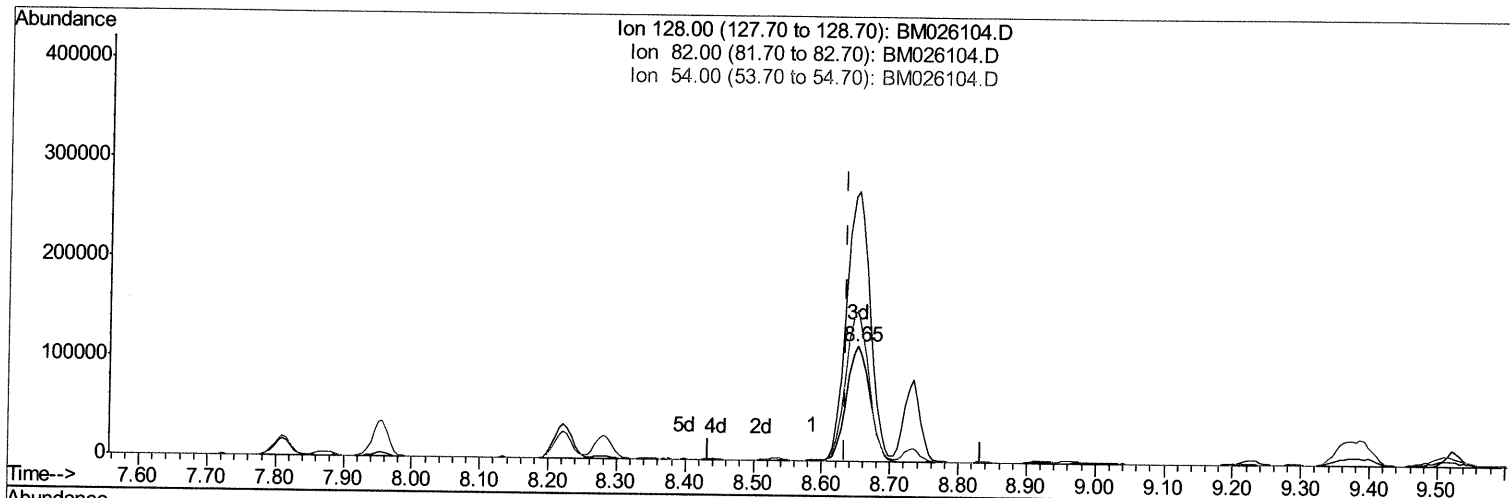
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B27

Manual Integrations
APPROVED

mohammad
5/26/2020 10:12:07 AM

Quant Time: May 23 08:27:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



TIC: BM026104.D

(19) Nitrobenzene-d5 (S)

8.651min (+0.018) 52.37ng/ul m 05/28/20 MP

response 276803

Ion	Exp%	Act%
128.00	100	100
82.00	279.30	234.74
54.00	164.90	130.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

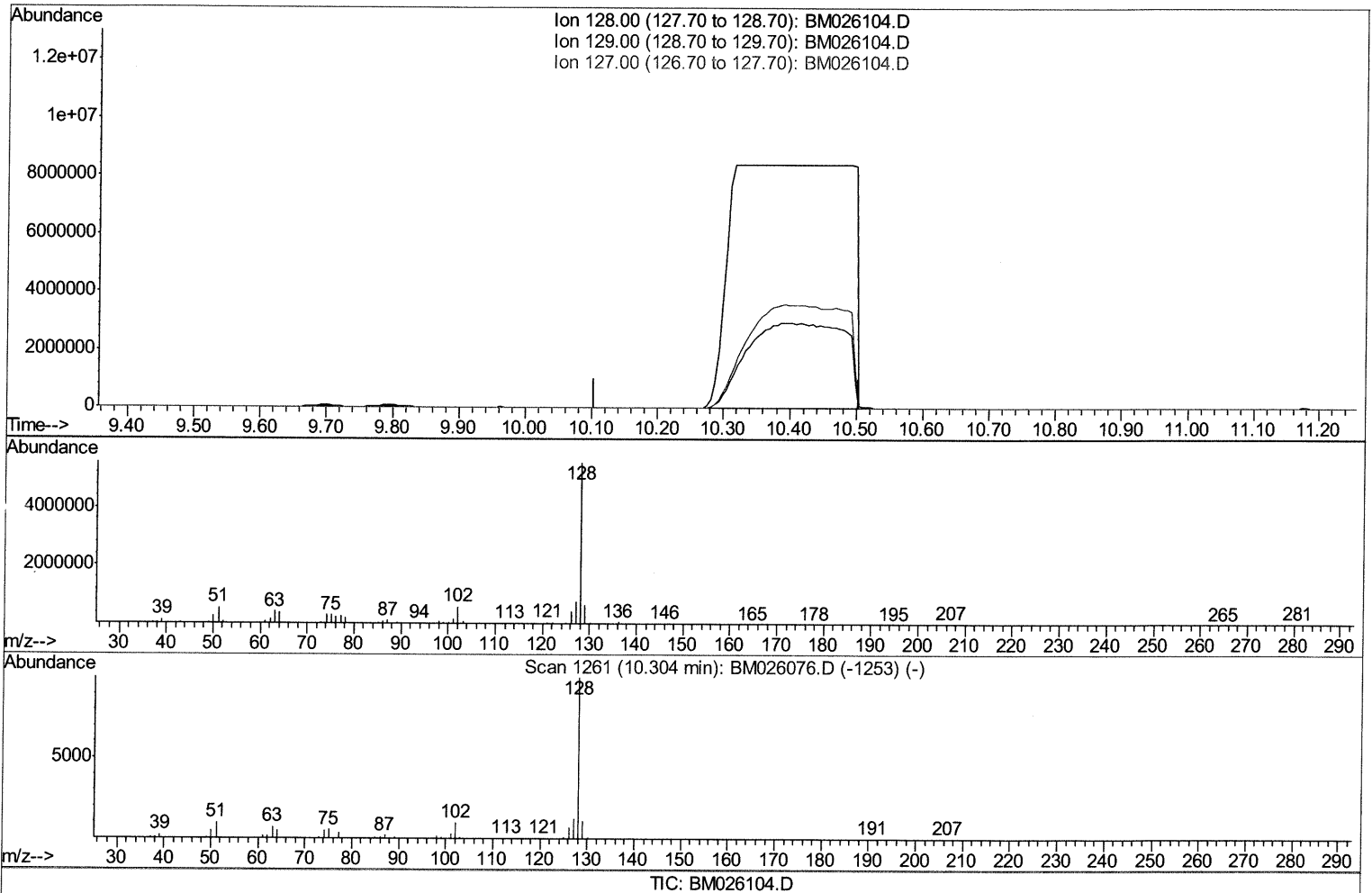
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026104.D
 Acq On : 23 May 2020 06:42
 Operator : MA/SJ
 Sample : L2737-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:12:07 AM

Quant Time: May 23 08:27:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 22 13:18:41 2020
 Response via : Initial Calibration



(28) Naphthalene

10.304min (-10.304) 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

Quantitation Report (Qedit)

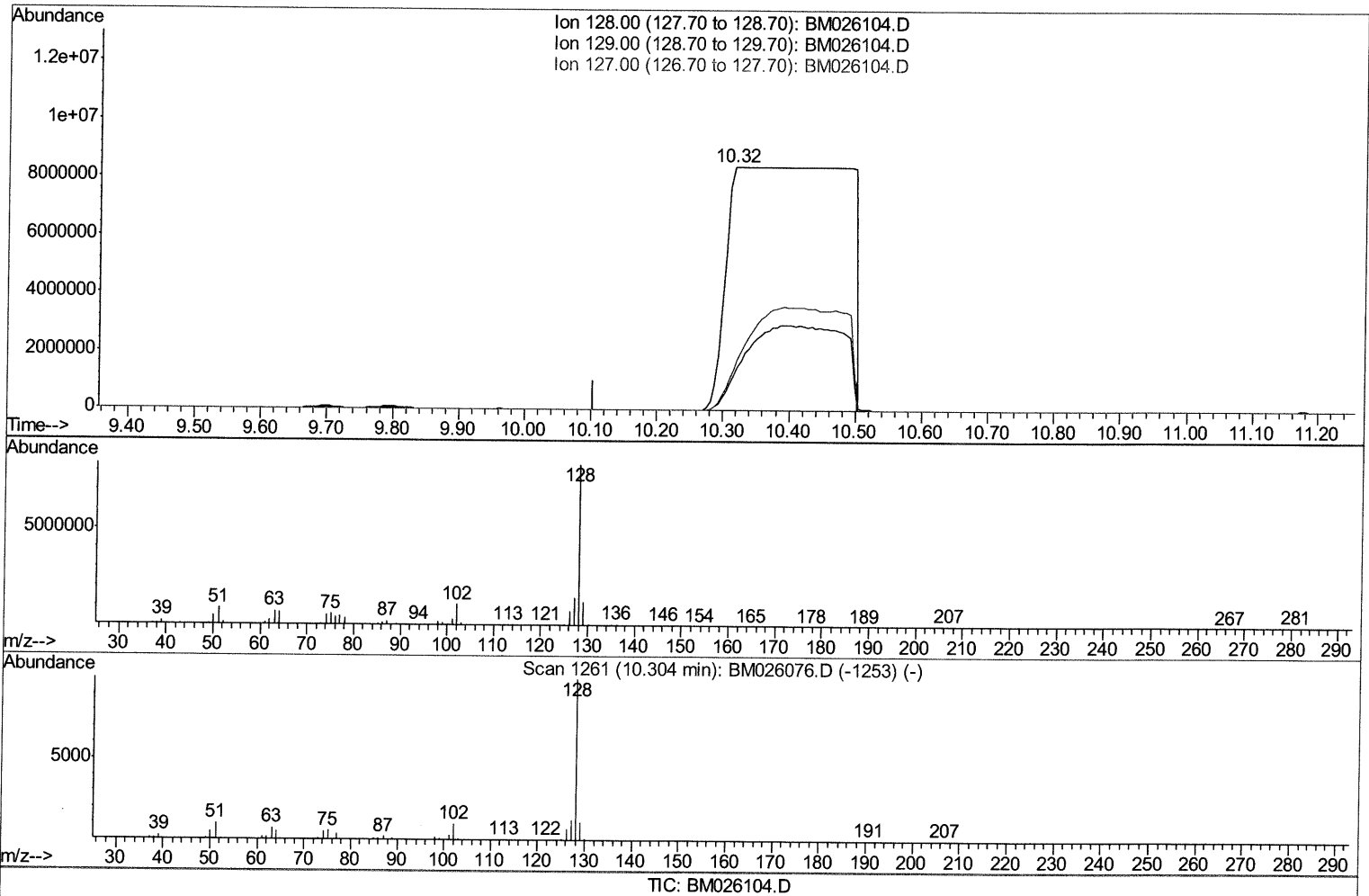
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B27

Manual Integrations
APPROVED

mohammad
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Quant Time: May 23 08:27:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



(28) Naphthalene

10.316min (+0.012) 2568.97ng/ul m 05/28/20 AP

response 101840313

Ion	Exp%	Act%
128.00	100	100
129.00	11.20	14.54#
127.00	13.20	16.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

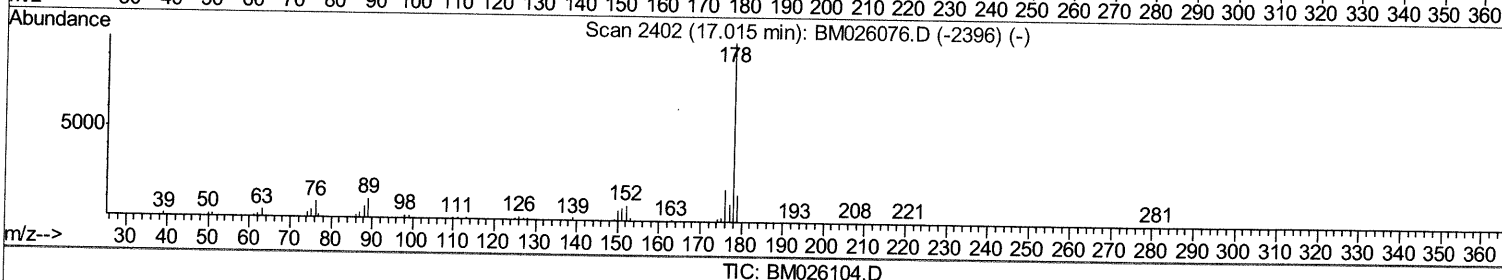
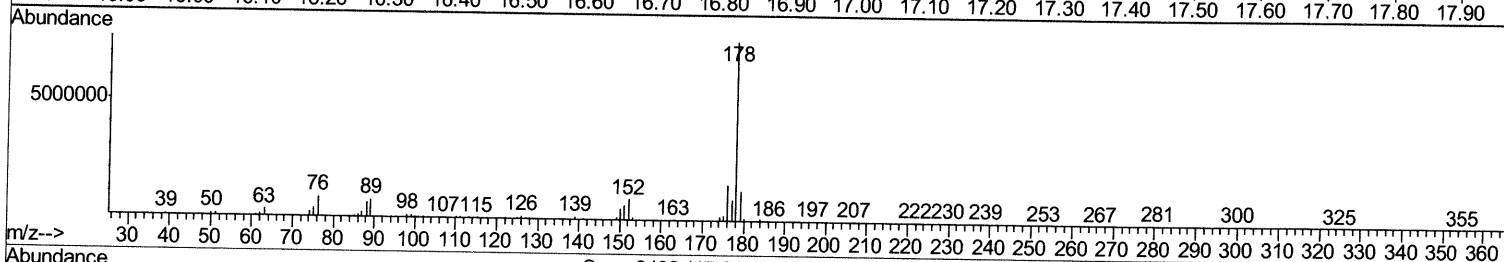
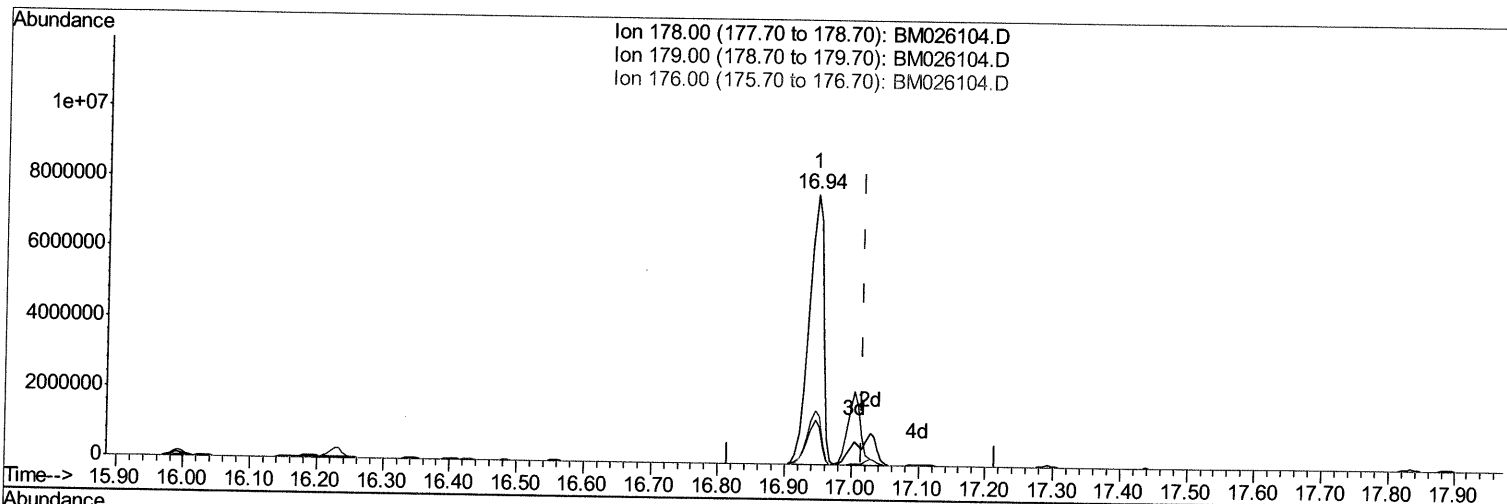
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026104.D
 Acq On : 23 May 2020 06:42
 Operator : MA/SJ
 Sample : L2737-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:12:07 AM

Quant Time: Mav 23 08:34:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 22 13:18:41 2020
 Response via : Initial Calibration



TIC: BM026104.D

(72) Anthracene

16.945min (-0.071) 180.34ng/ul

response 11509046

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	16.21
176.00	18.60	20.08
0.00	0.00	0.00

Quantitation Report (Qedit)

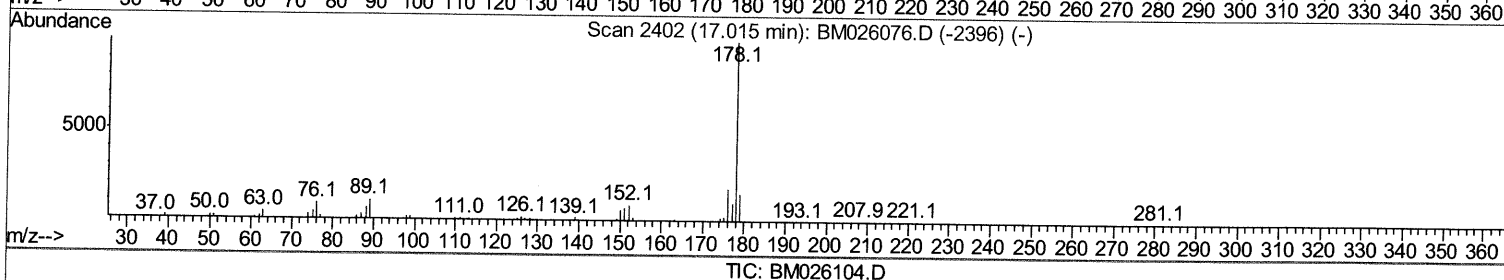
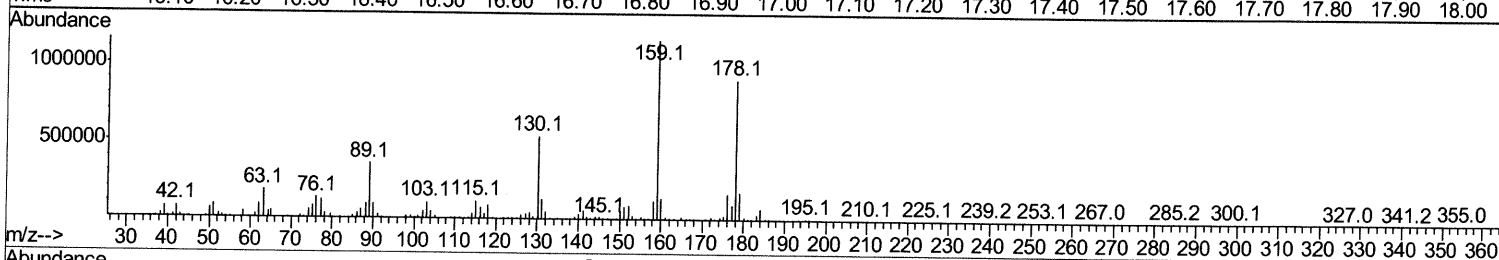
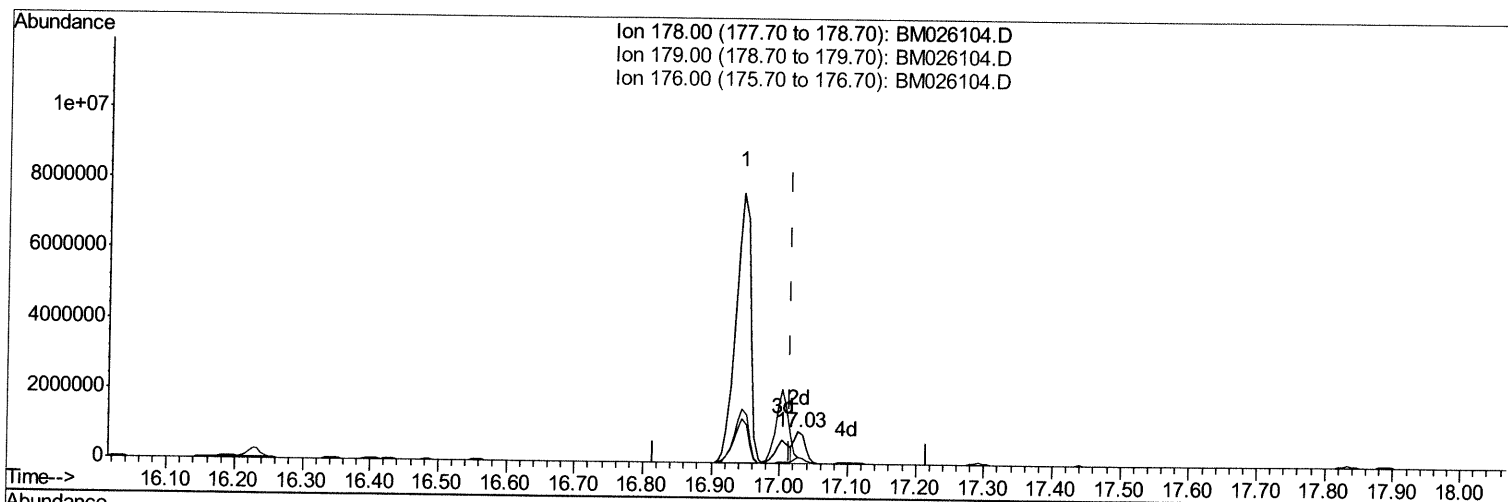
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Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integrations
APPROVED

mohammad
5/26/2020 10:12:07 AM

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(72) Anthracene

17.027min (+0.012) 16.66ng/ul m 05/28/20 AP

response 1063302

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	19.15#
176.00	18.60	18.27
0.00	0.00	0.00

Quantitation Report (Qedit)

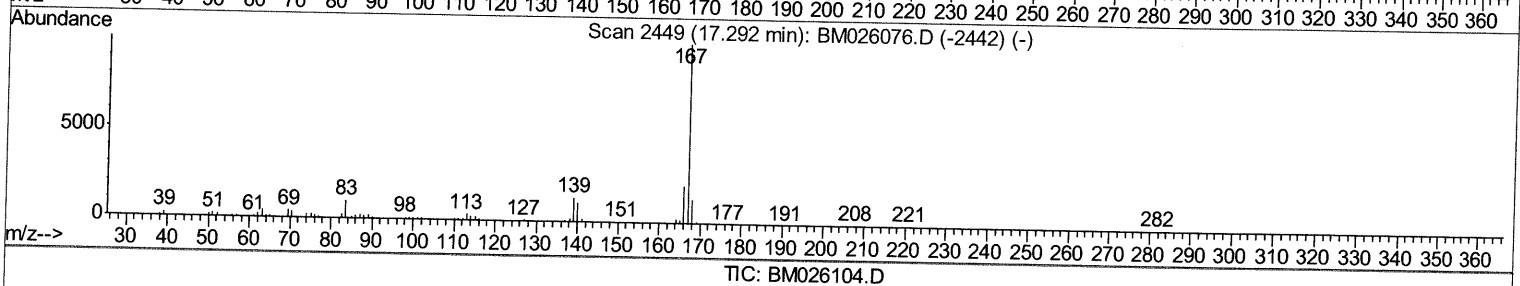
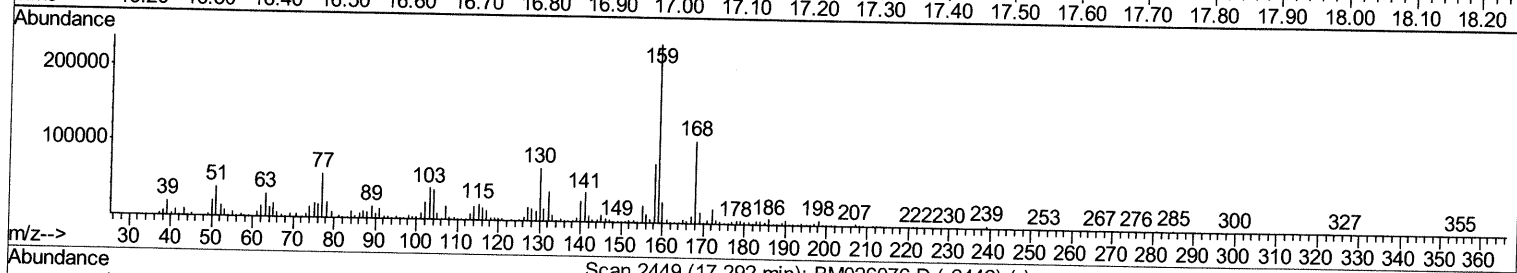
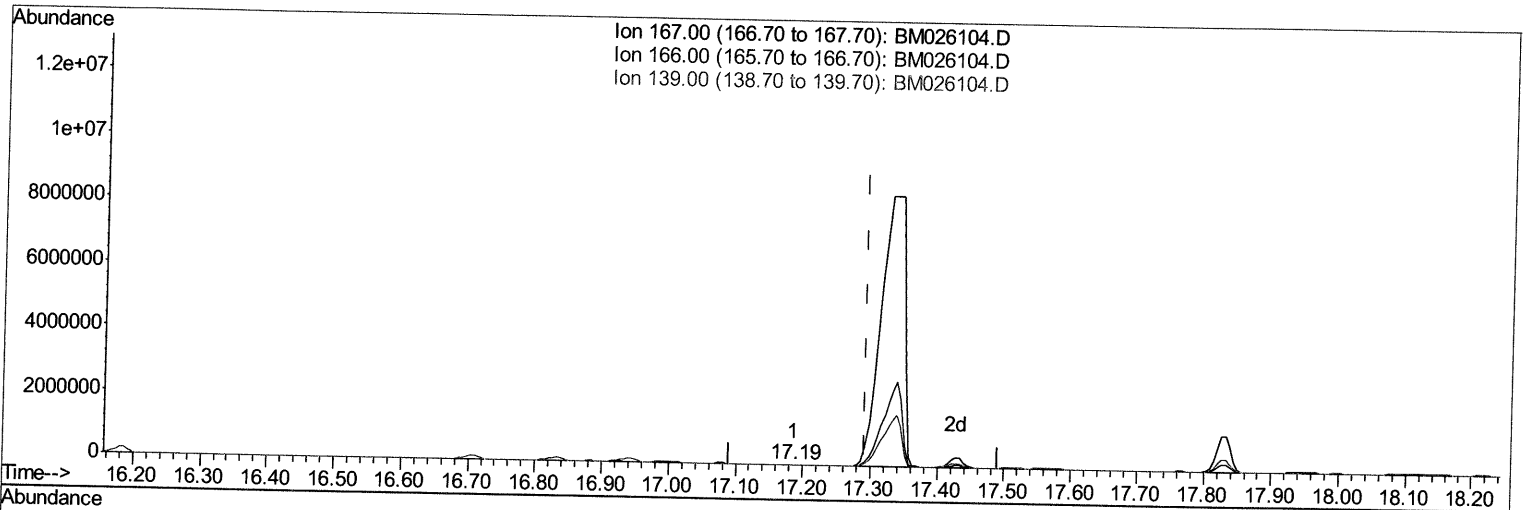
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
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Instrument :
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Manual Integrations
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(75) Carbazole

17.186min (-0.106) 0.25ng/ul

response 13143

Ion	Exp%	Act%
167.00	100	100
166.00	20.80	39.18#
139.00	13.50	49.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

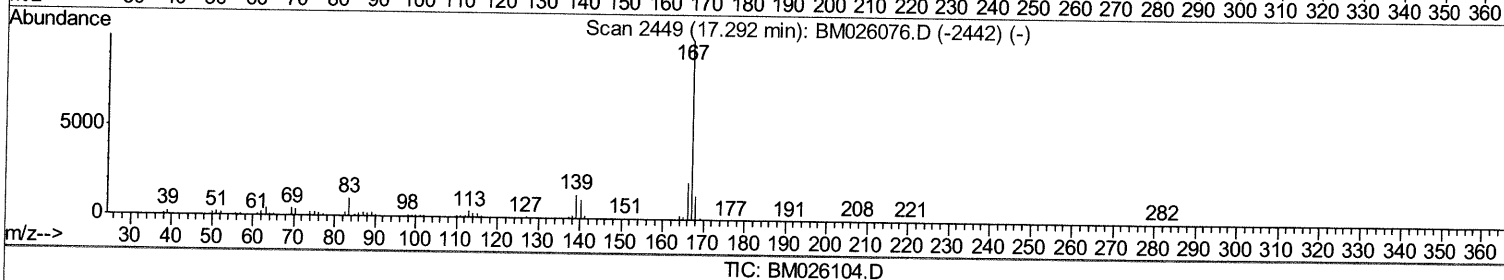
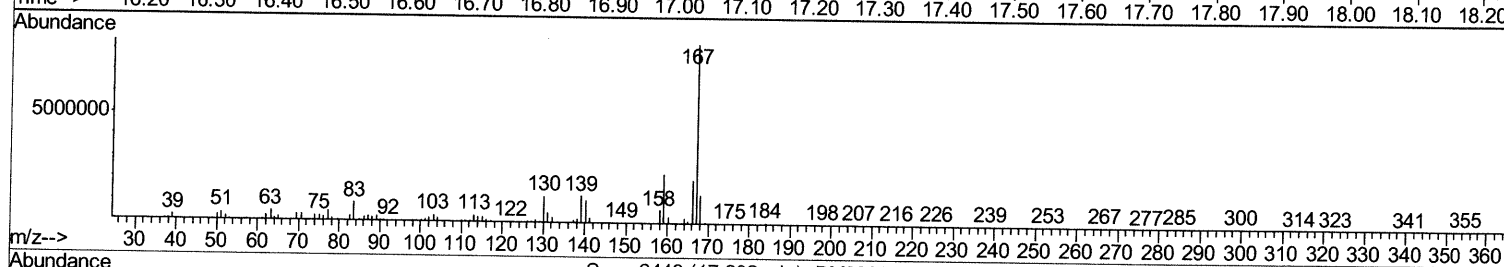
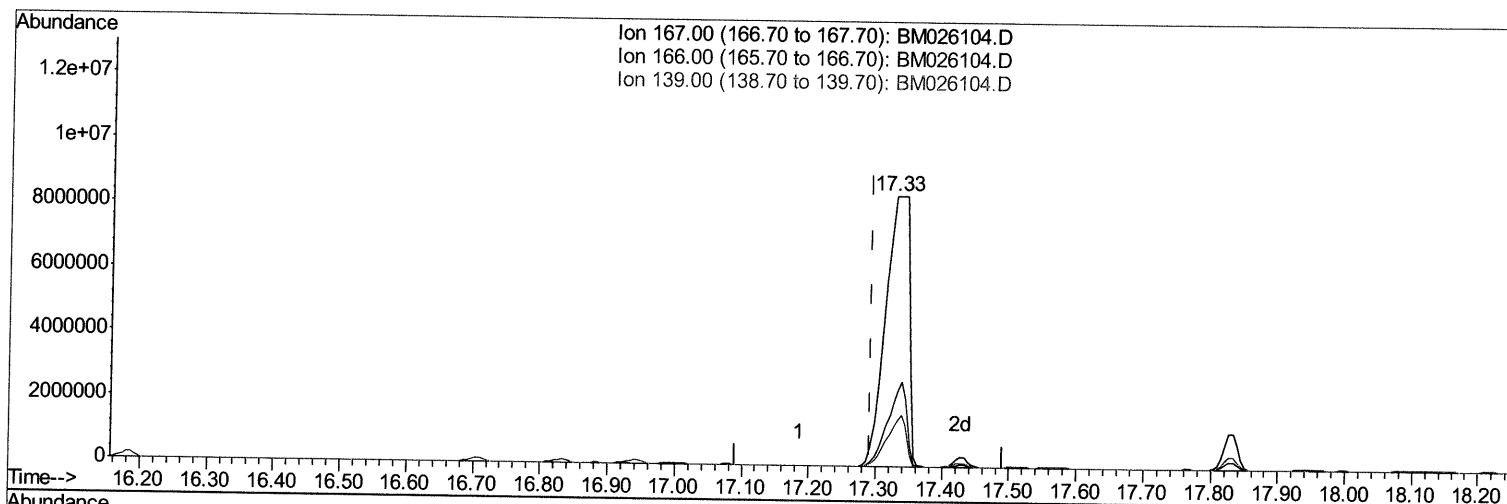
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
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(75) Carbazole

17.327min (+0.035) 392.30ng/ul m 05/28/20 AP

response 20712655

Ion	Exp%	Act%
167.00	100	100
166.00	20.80	24.14
139.00	13.50	14.92
0.00	0.00	0.00

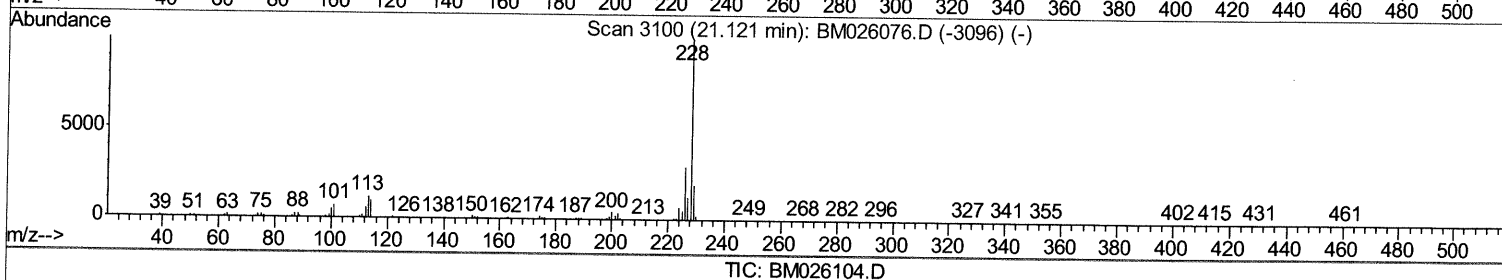
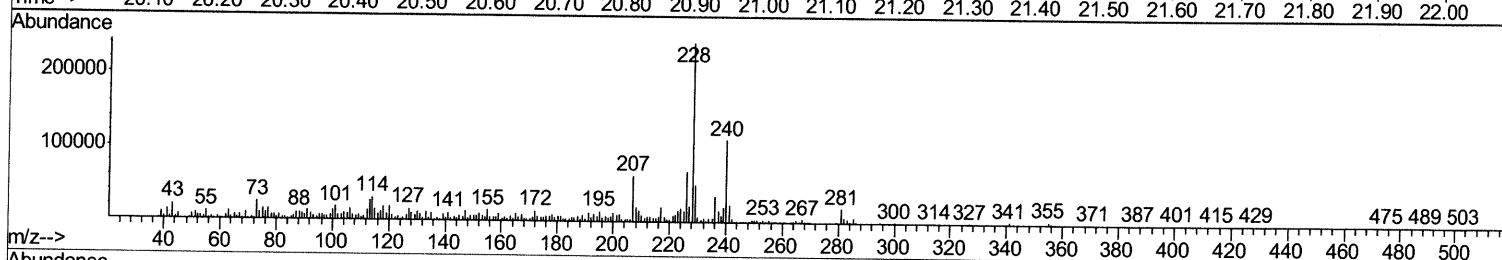
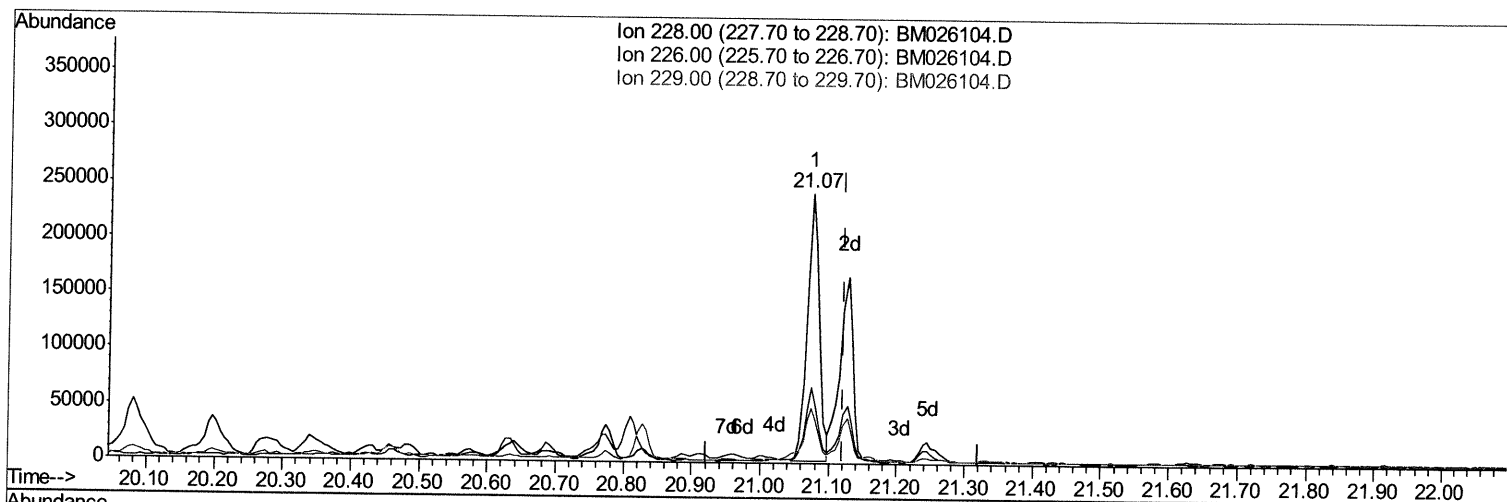
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
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Quant Title : SVOA CALIBRATION
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(85) Chrysene

21.074min (-0.047) 4.34ng/ul

response 300056

Ion	Exp%	Act%
228.00	100	100
226.00	28.80	28.08
229.00	19.40	20.61
0.00	0.00	0.00

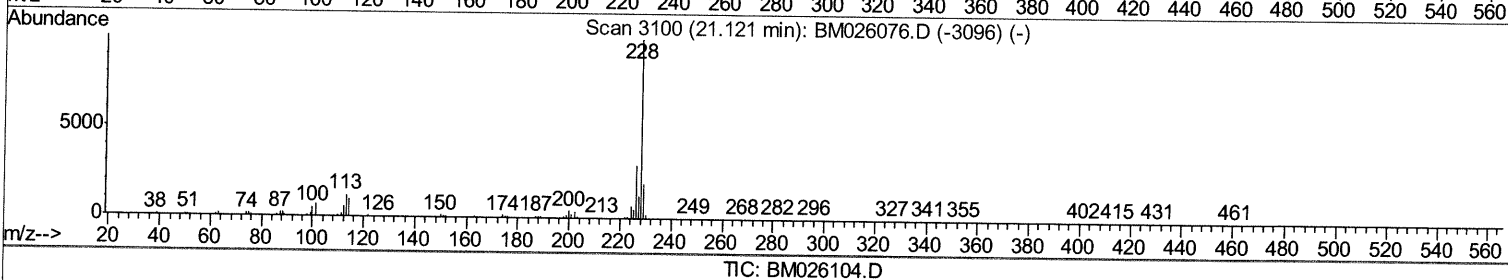
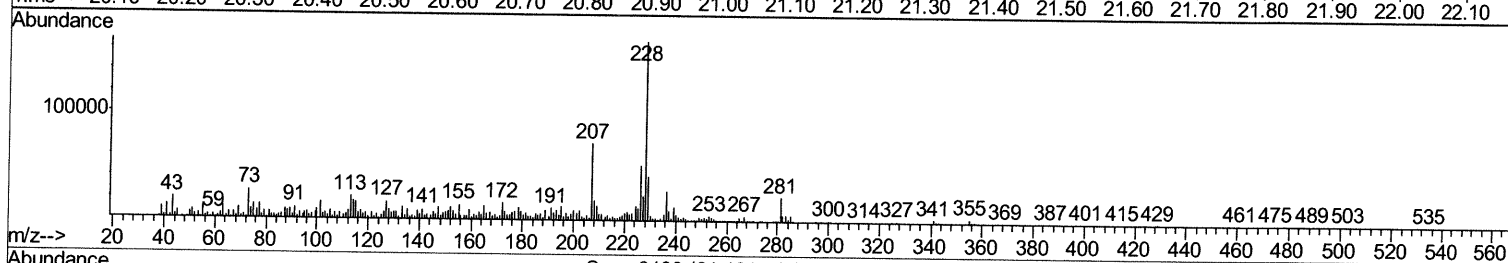
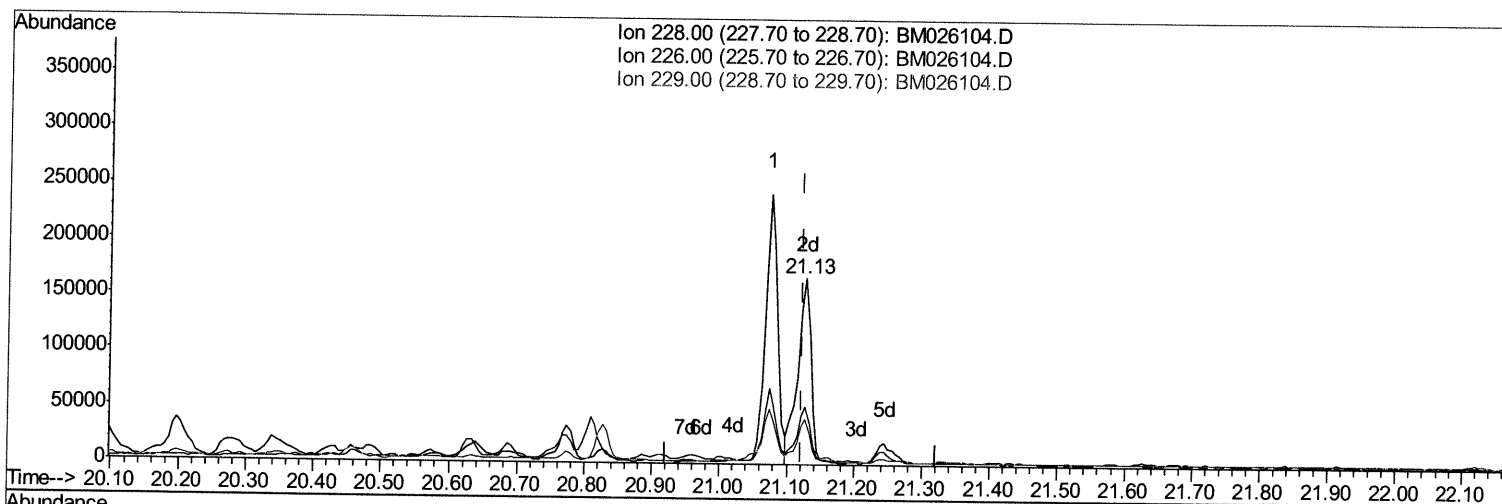
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026104.D
Acq On : 23 May 2020 06:42
Operator : MA/SJ
Sample : L2737-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Quant Time: Mav 23 08:34:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
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Response via : Initial Calibration



(85) Chrysene

21.127min (+0.006) 3.41ng/ul m

05/28/20 AP

response 235470

Ion	Exp%	Act%
228.00	100	100
226.00	28.80	31.24
229.00	19.40	24.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
 Data File : BM026104.D
 Acq On : 23 May 2020 06:42
 Operator : MA/SJ
 Sample : L2737-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B27

Manual Integrations
 APPROVED

mohammad
 5/26/2020 10:12:07 AM

Quant Time: May 25 02:52:39 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 22 13:18:41 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	206776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	648367m>	20.00	ng/ul	0.08
36) Acenaphthene-d10	14.14	164	506414	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1009855	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1008652	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1050934	20.00	ng/ul	0.00

05/28/20 AP

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	32231	4.70	ng/uL	0.00
5) Phenol-d5	6.70	99	187527	10.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.85	67	444430	34.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	440671	30.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	313611	22.18	ng/ul	0.02
19) Nitrobenzene-d5	8.65	128	276803m>	52.37	ng/ul	0.02
22) 2-Nitrophenol-d4	9.38	143	292064	55.85	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	9.96	165	471852	44.95	ng/ul	0.08
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.57	166	1457852	35.90	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	1778542	36.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	76437	10.63	ng/ul	0.02
58) Fluorene-d10	15.14	176	1294678	36.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	201865	34.28	ng/ul	0.02
71) Anthracene-d10	17.00	188	1873071	37.64	ng/ul	0.02
79) Pyrene-d10	19.29	212	2060118	39.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1962811	35.09	ng/ul	0.01

05/28/20 AP

Target Compounds

					Ovalue	
6) Phenol	6.72	94	23734m>	1.129	ng/ul	99
11) 2-Methylphenol	7.96	108	1177729	81.290	ng/ul	99
14) Acetophenone	8.33	105	157794	6.653	ng/ul#	61
16) 4-Methylphenol	8.28	108	927406	58.860	ng/ul	87
24) 2,4-Dimethylphenol	9.52	107	2965640	204.251	ng/ul	97
28) Naphthalene	10.32	128	101840313m>	2568.974	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	18233797	683.843	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	4033318	89.758	ng/ul	99
45) Dimethylphthalate	13.62	163	146254	3.430	ng/ul	98
48) Acenaphthylene	13.86	152	231203	4.377	ng/ul#	83
50) Acenaphthene	14.22	153	13753690	369.210	ng/ul	96
54) Dibenzofuran	14.56	168	11758224	224.602	ng/ul	99
59) Fluorene	15.20	166	7562400	178.575	ng/ul	99
70) Phenanthrene	16.94	178	11509046	180.927	ng/ul	97
72) Anthracene	17.03	178	1063302m}	16.661	ng/ul	97
75) Carbazole	17.33	167	20712655m}	392.302	ng/ul	97
77) Fluoranthene	18.96	202	2744083	41.125	ng/ul	99
80) Pyrene	19.32	202	1763754	24.908	ng/ul	97
83) Benzo(a)anthracene	21.07	228	294590	4.237	ng/ul	97
85) Chrysene	21.13	228	235470m>	3.407	ng/ul	97
88) Benzo(b)fluoranthene	22.59	252	157091	2.210	ng/ul#	91
91) Benzo(a)pyrene	23.12	252	76599	1.224	ng/ul	94

05/28/20 AP

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed