

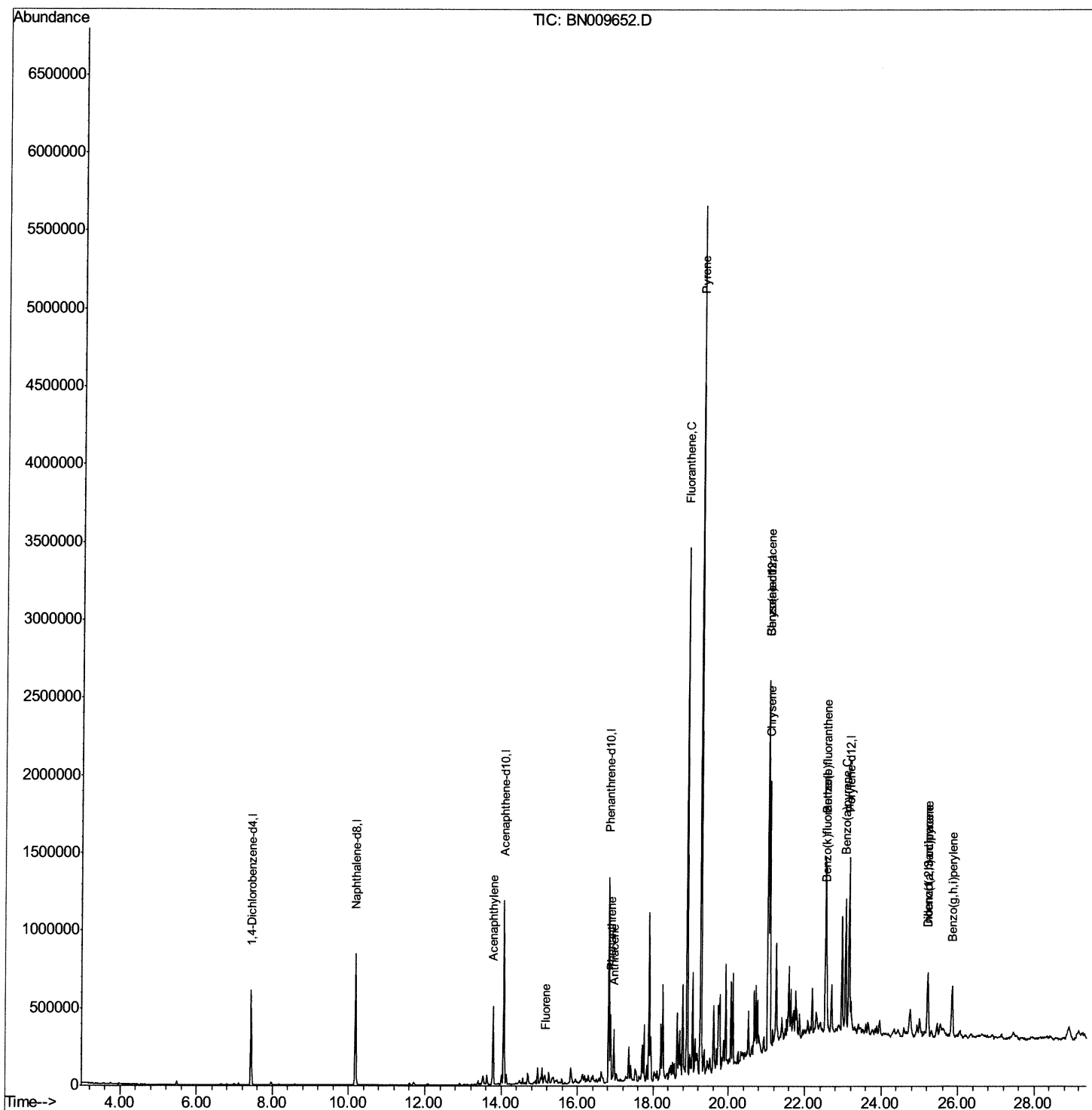
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\
Data File : BN009652.D
Acq On : 07 Feb 2020 18:38
Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT73DL

Manual Integrations
APPROVED

mohammad
2/11/2020 8:23:37 AM

Quant Time: Feb 07 23:36:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

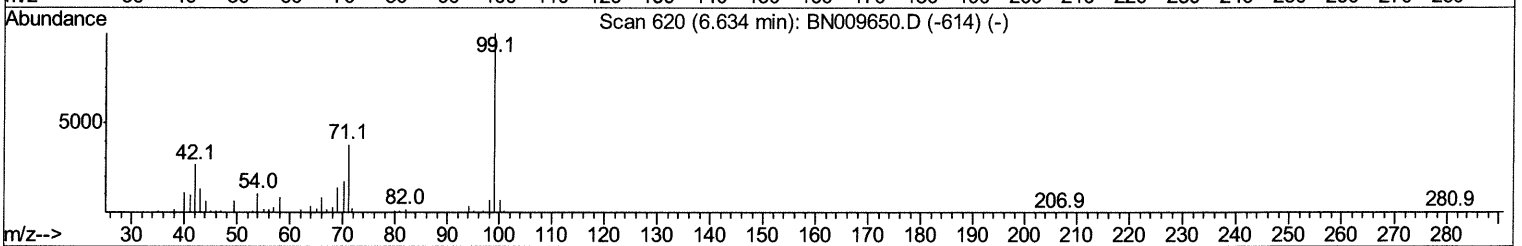
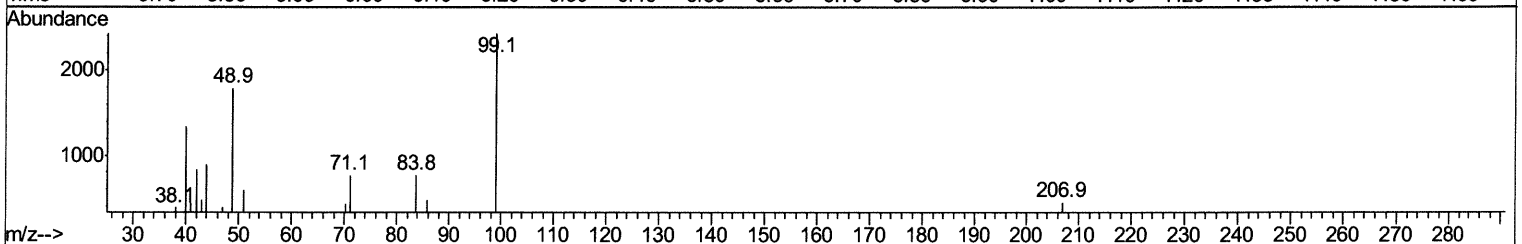
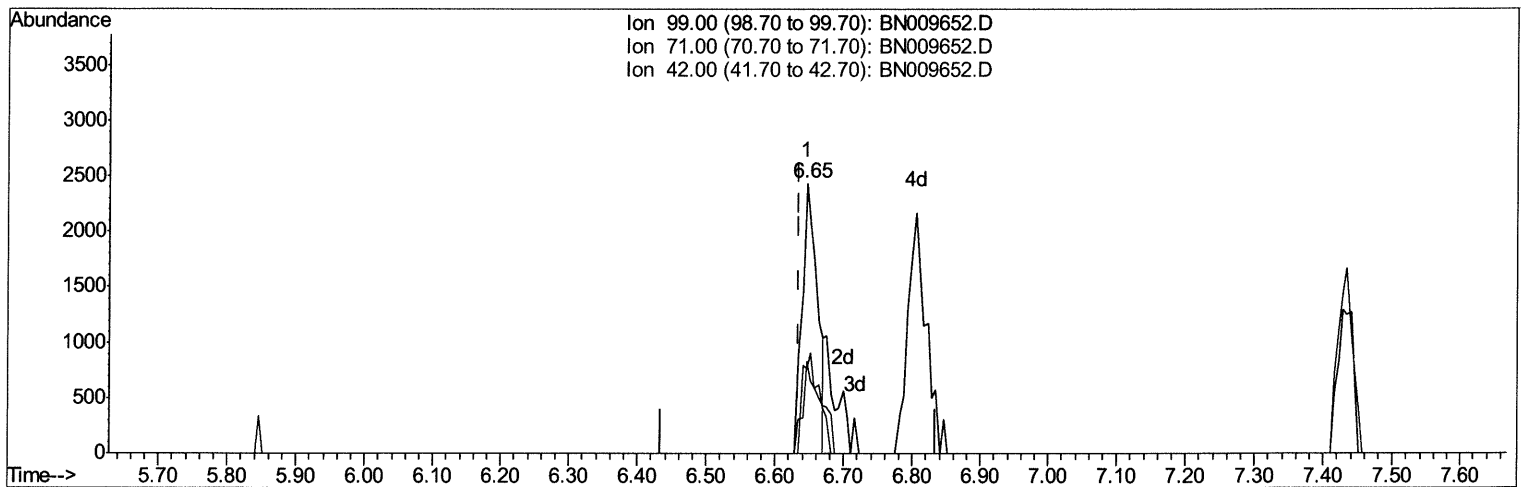
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Manual Integrations
APPROVED

mohammad
 2/11/2020 8:23:37 AM

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN009652.D

(5) Phenol-d5 (S)

6.646min (+0.012) 0.30ng/ul

response 3825

Ion	Exp%	Act%
99.00	100	100
71.00	40.90	31.46#
42.00	30.00	34.09
0.00	0.00	0.00

Quantitation Report (Qedit)

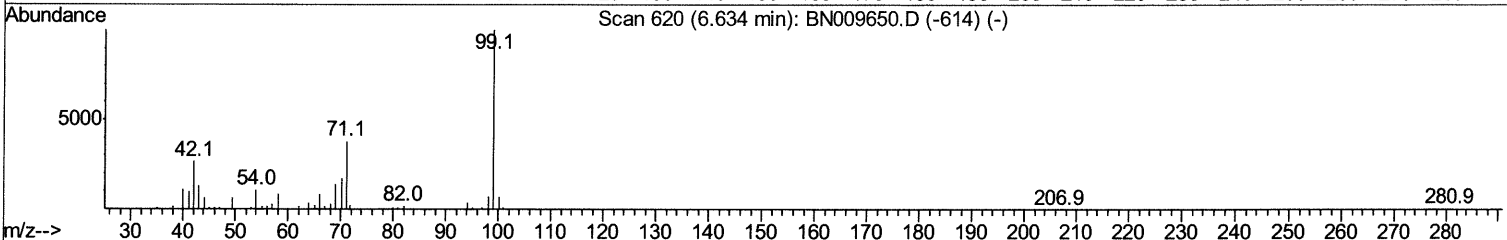
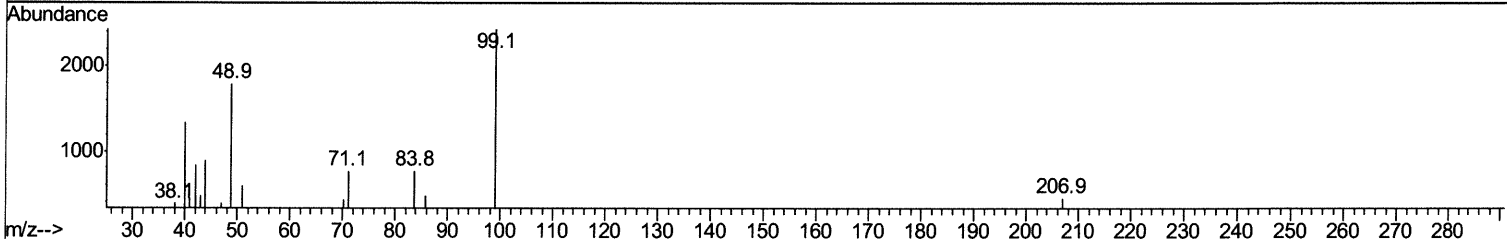
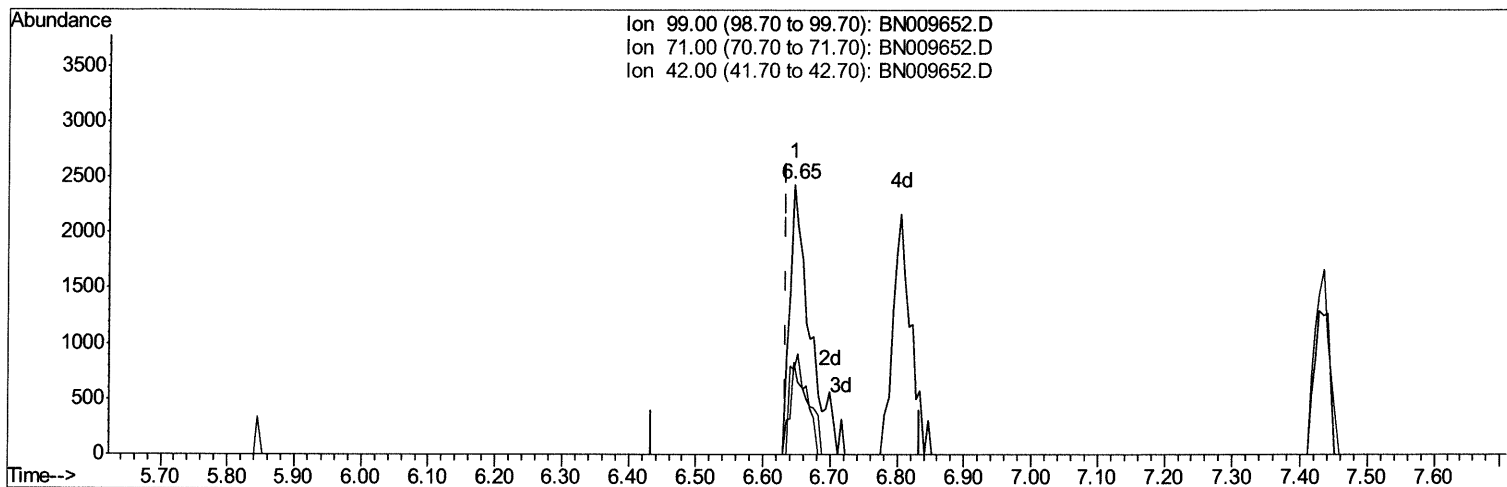
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Manual Integrations
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mohammad
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 Response via : Initial Calibration



TIC: BN009652.D

(5) Phenol-d5 (S)

6.646min (+0.012) 0.39ng/ul **JU 02/13/20**

response 4990

Ion	Exp%	Act%
99.00	100	100
71.00	40.90	31.46#
42.00	30.00	34.09
0.00	0.00	0.00

Quantitation Report (Qedit)

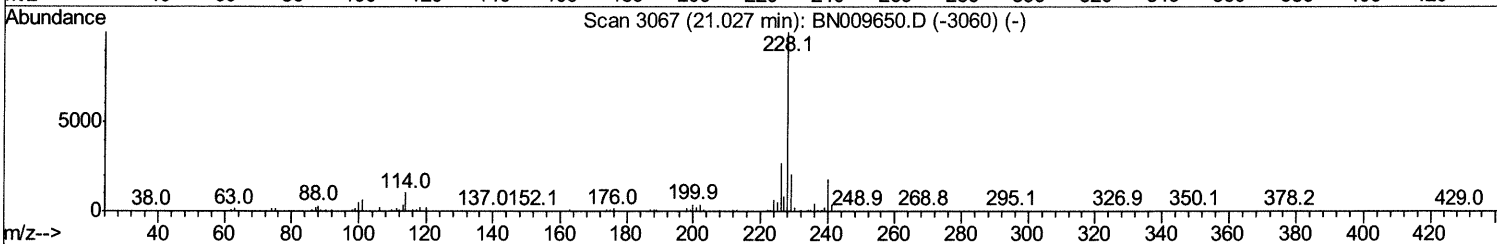
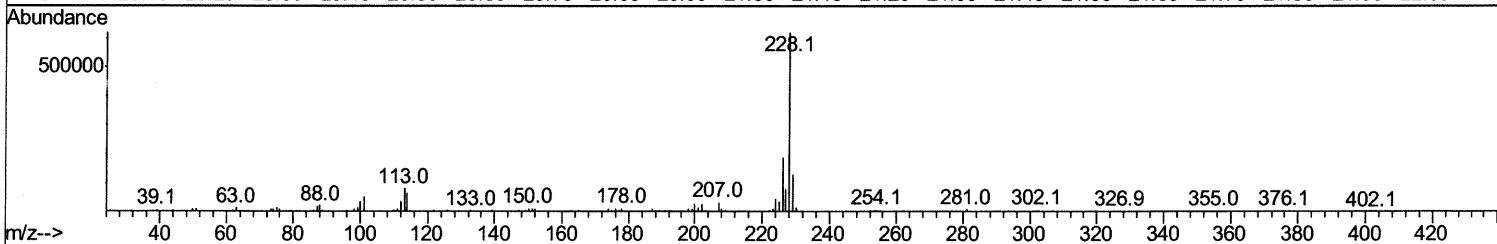
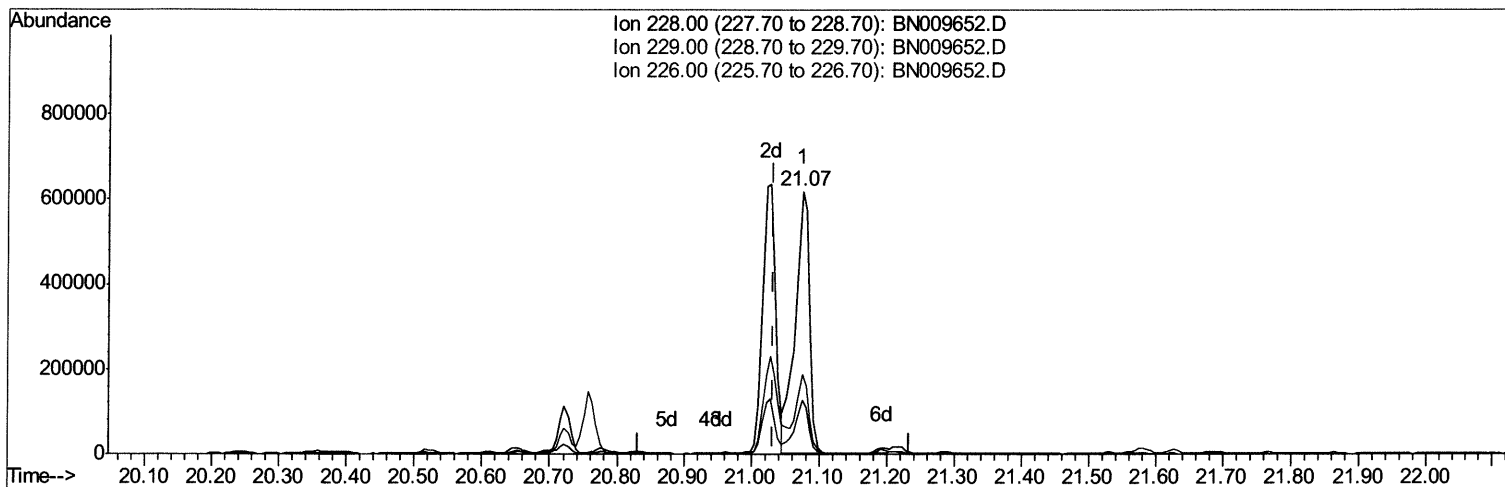
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Manual Integrations
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TIC: BN009652.D

(82) Benzo(a)anthracene

21.075min (+0.041) 18.48ng/ul

response 894847

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.61
226.00	26.10	30.43
0.00	0.00	0.00

Quantitation Report (Qedit)

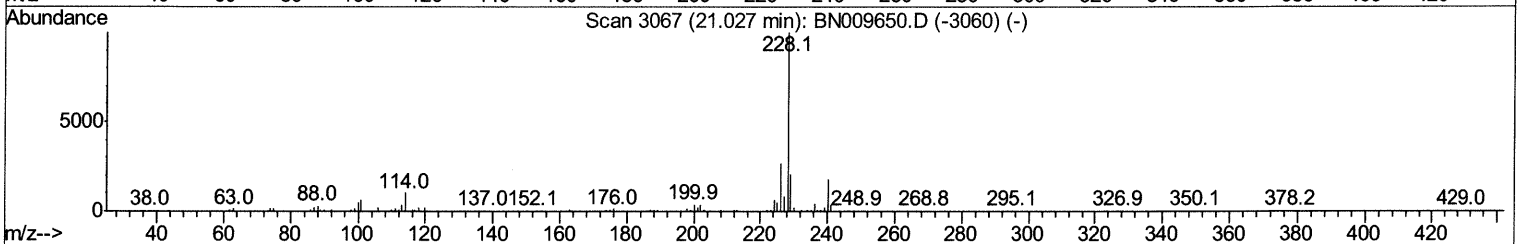
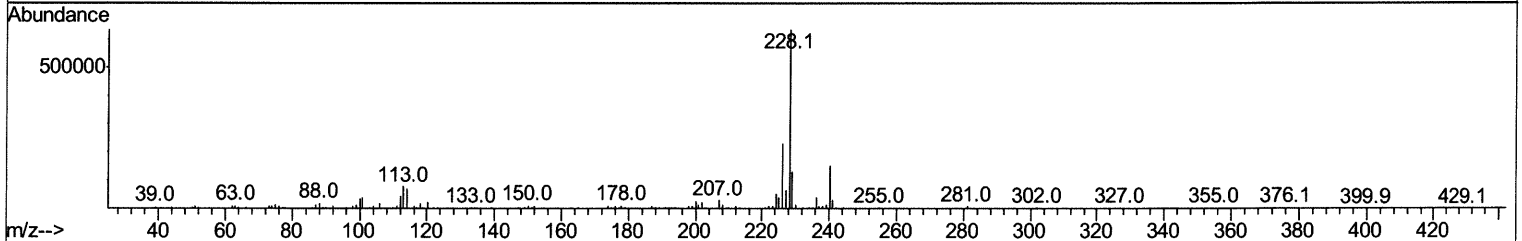
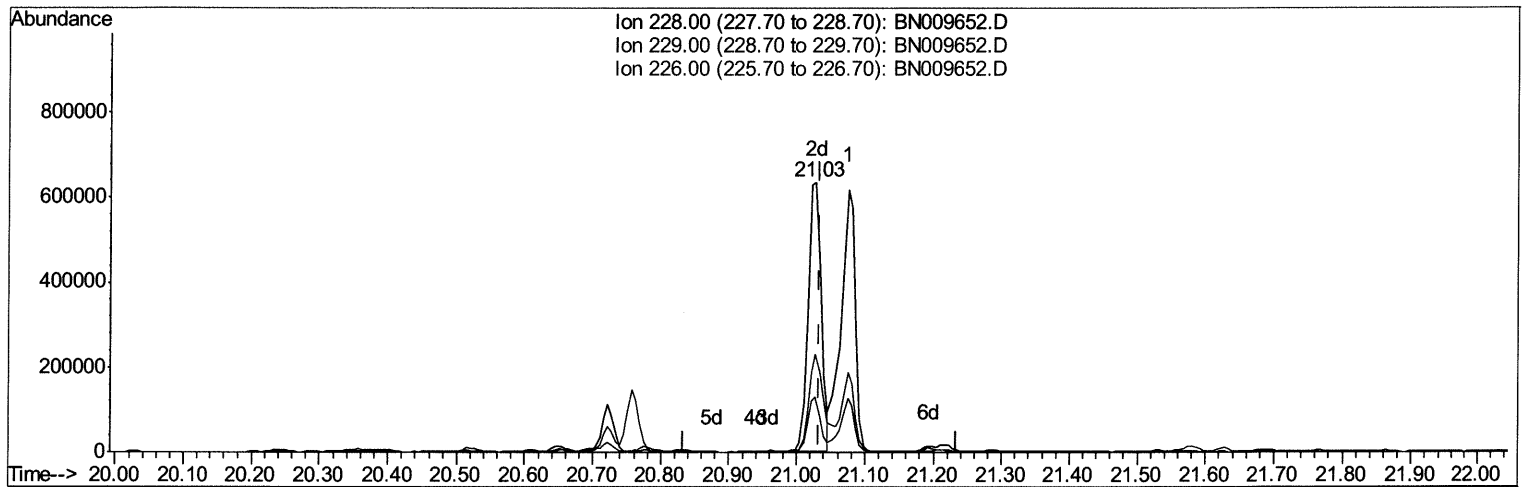
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\
Data File : BN009652.D
Acq On : 07 Feb 2020 18:38
Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT73DL

Manual Integrations
APPROVED

mohammad
2/11/2020 8:23:37 AM

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QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



TIC: BN009652.D

(82) Benzo(a)anthracene

21.027min (-0.006) 17.72ng/ul m 74 02/13/20

response 858056

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.28
226.00	26.10	36.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

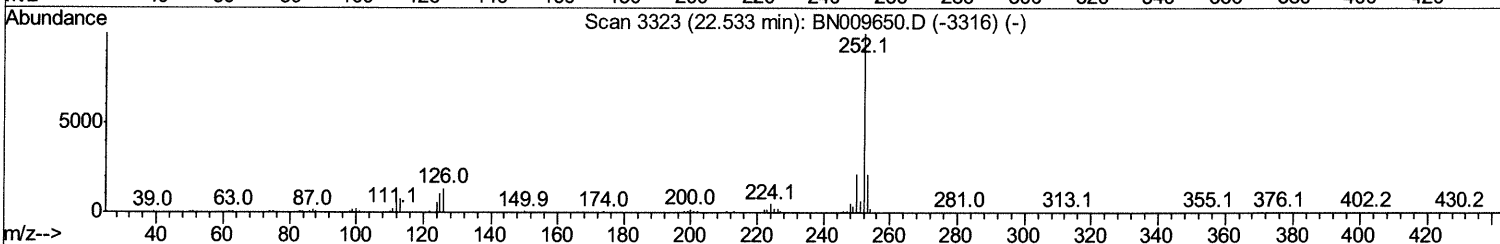
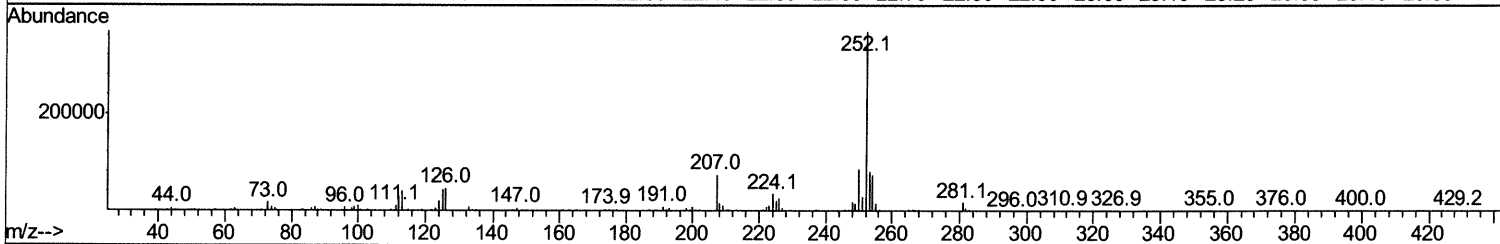
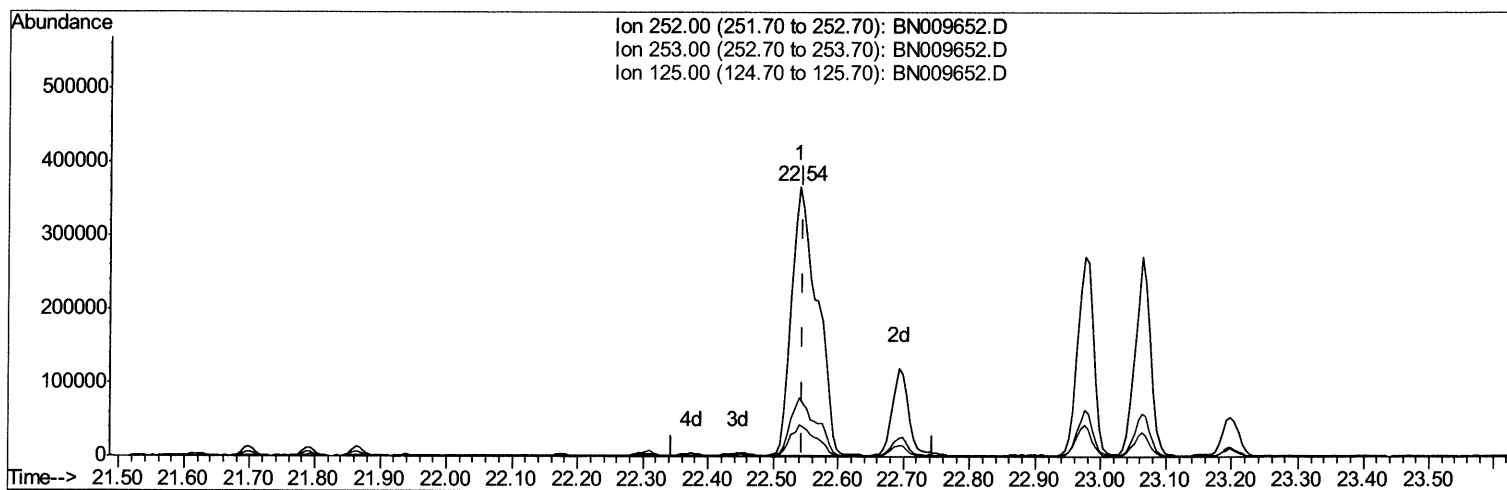
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\
Data File : BN009652.D
Acq On : 07 Feb 2020 18:38
Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAT73DL

Manual Integrations
APPROVED

mohammad
2/11/2020 8:23:37 AM

Quant Time: Feb 07 23:20:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



TIC: BN009652.D

(87) Benzo(b)fluoranthene

22.539min (-0.006) 22.37ng/ul

response 996816

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.71
125.00	10.20	11.80
0.00	0.00	0.00

Quantitation Report (Qedit)

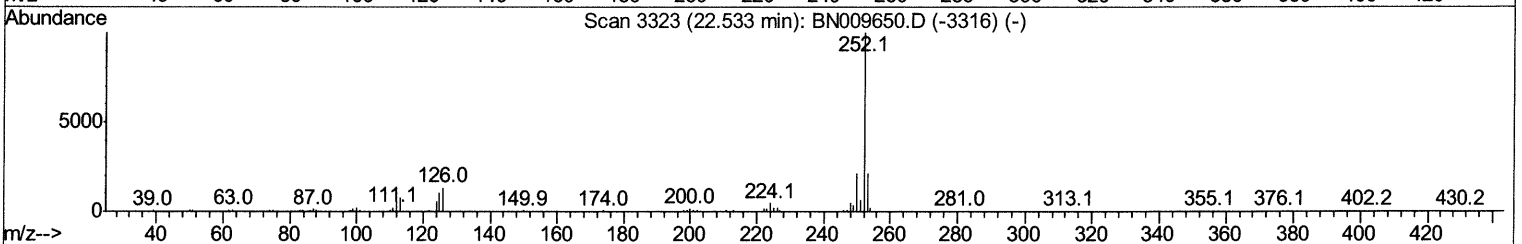
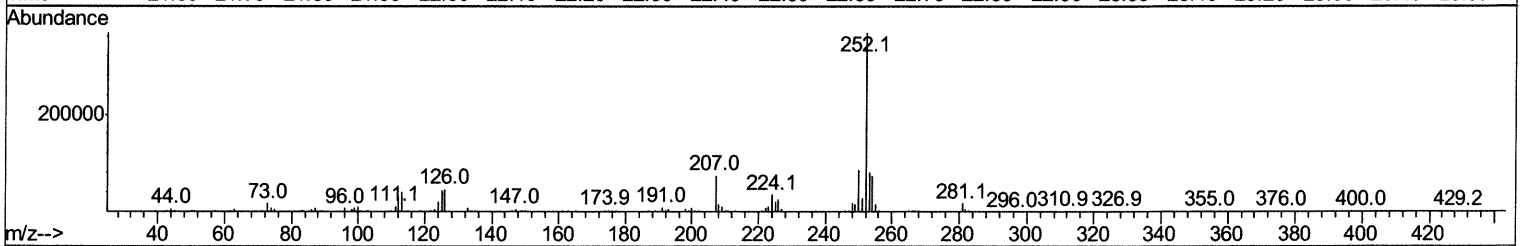
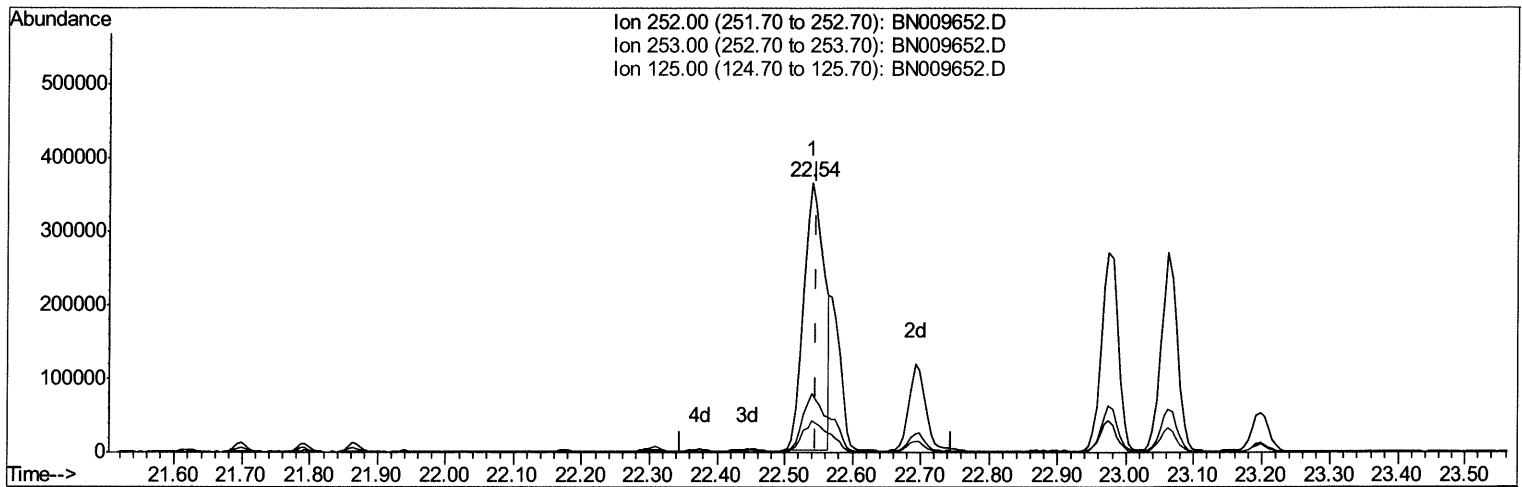
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020620\
Data File : BN009652.D
Acq On : 07 Feb 2020 18:38
Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT73DL

Manual Integrations
APPROVED

mohammad
2/11/2020 8:23:37 AM

Quant Time: Feb 07 23:20:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



TIC: BN009652.D

(87) Benzo(b)fluoranthene

22.539min (-0.006) 17.10ng/ul m J4 02/13/20

response 761759

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	21.71
125.00	10.20	11.80
0.00	0.00	0.00

Quantitation Report (Qedit)

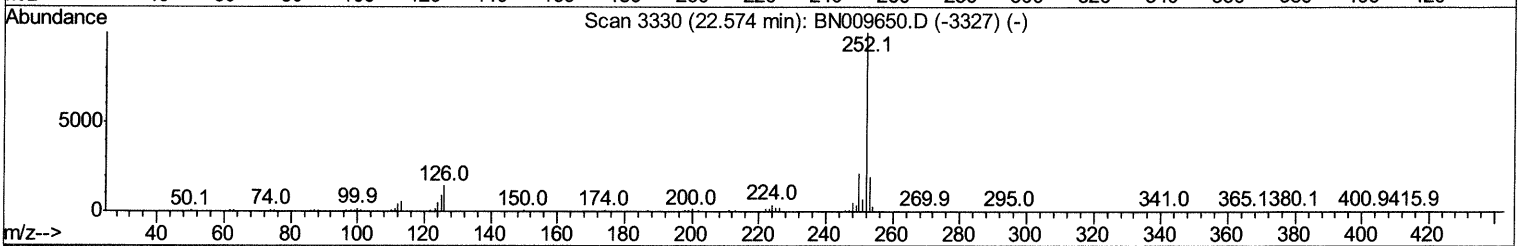
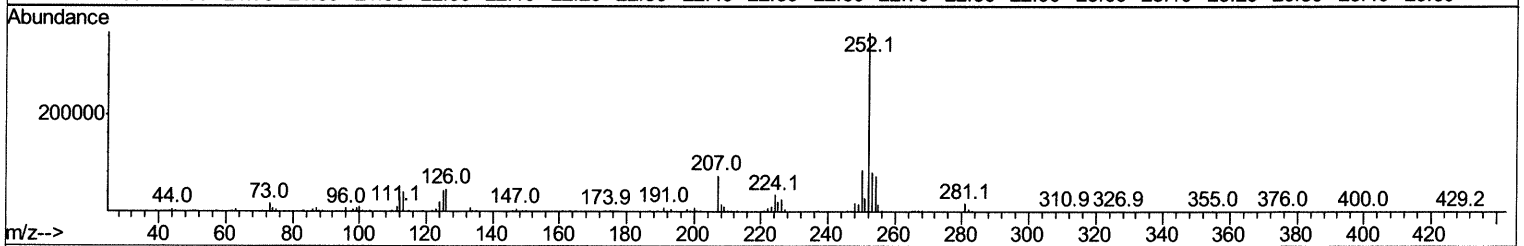
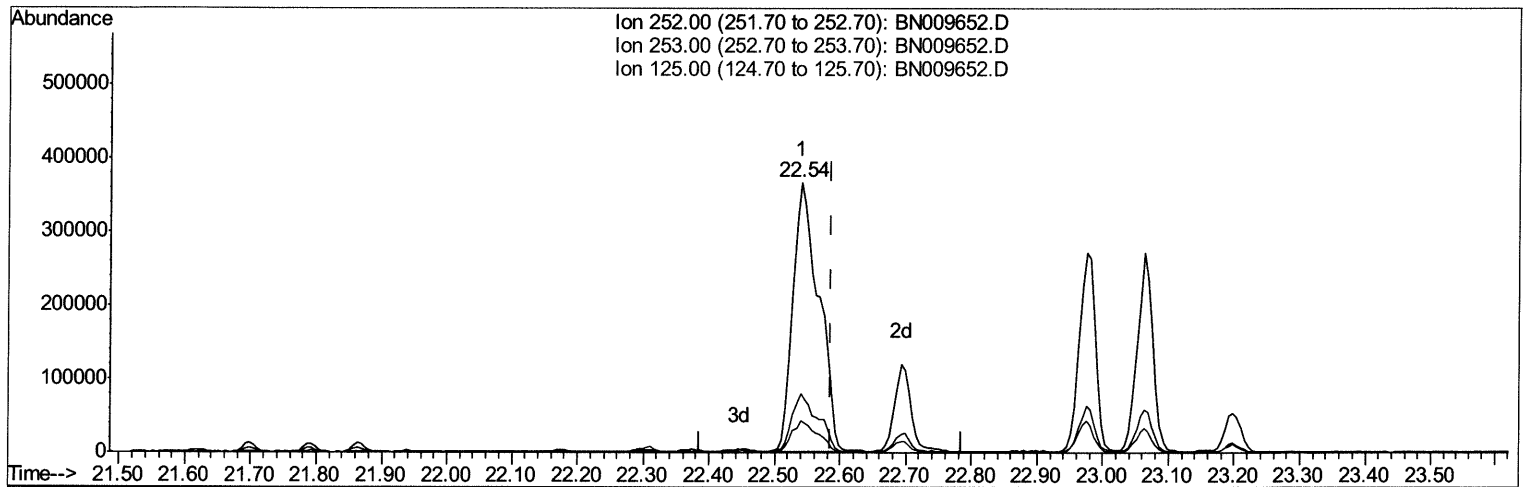
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020620\
 Data File : BN009652.D
 Acq On : 07 Feb 2020 18:38
 Operator : CG/JU
 Sample : L1324-18DL 30X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT73DL

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:23:37 AM

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 Response via : Initial Calibration



TIC: BN009652.D

(88) Benzo(k)fluoranthene

22.539min (-0.047) 22.72ng/ul

response 996816

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.71
125.00	10.00	11.80
0.00	0.00	0.00

Quantitation Report (Qedit)

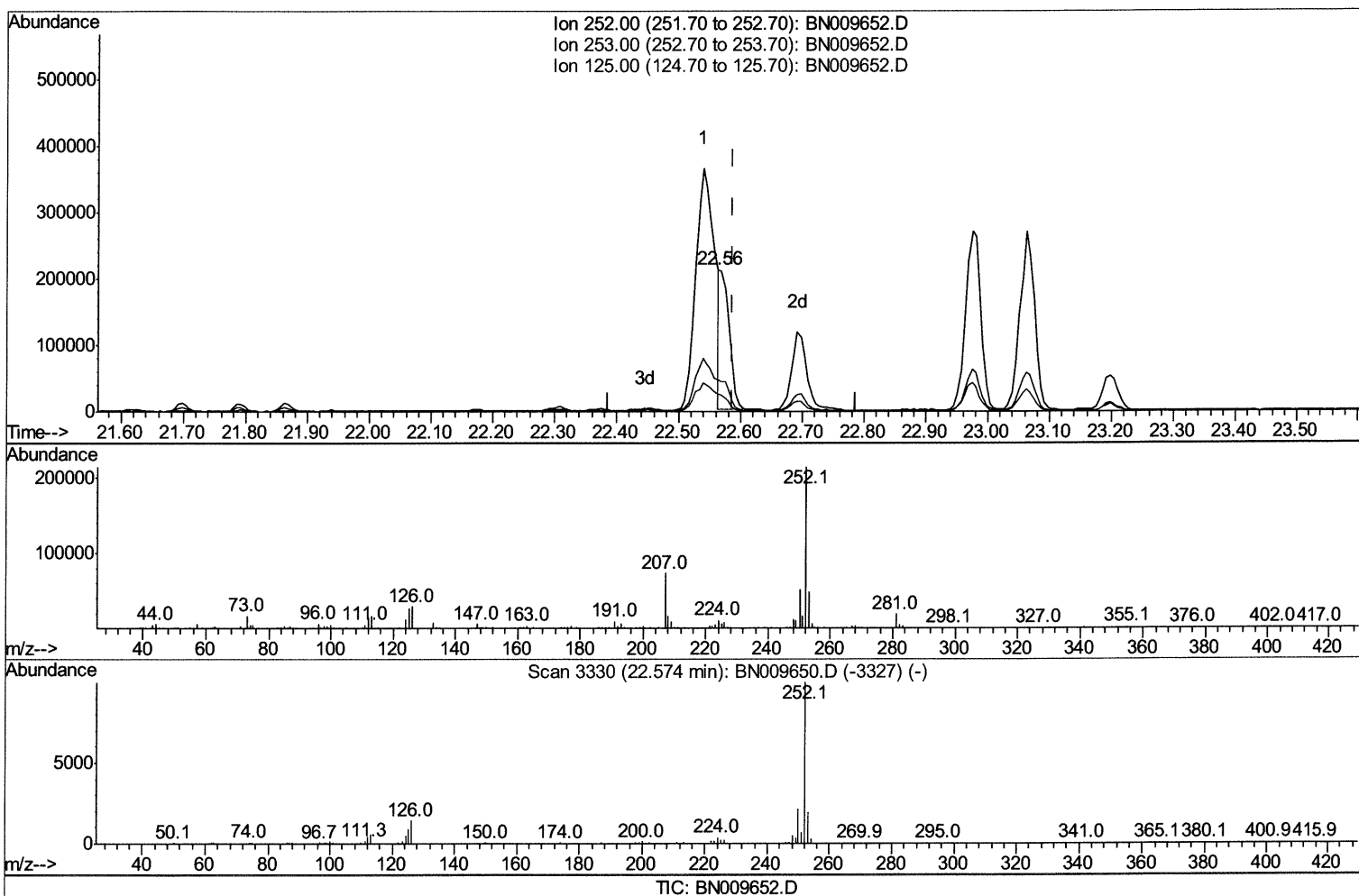
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 Data File : BN009652.D
 Acq On : 07 Feb 2020 18:38
 Operator : CG/JU
 Sample : L1324-18DL 30X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT73DL

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:23:37 AM

Quant Time: Feb 07 23:20:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.563min (-0.024) 5.05ng/ul m **JU 02/11/20**

response 221517

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.45
125.00	10.00	12.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

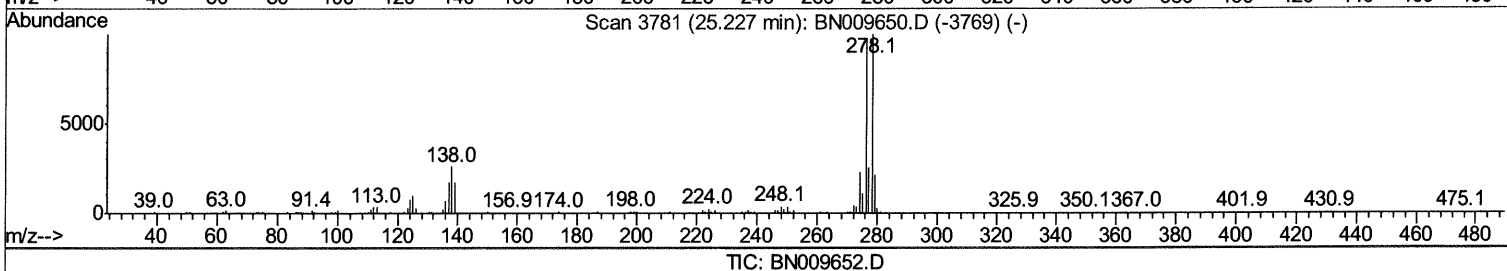
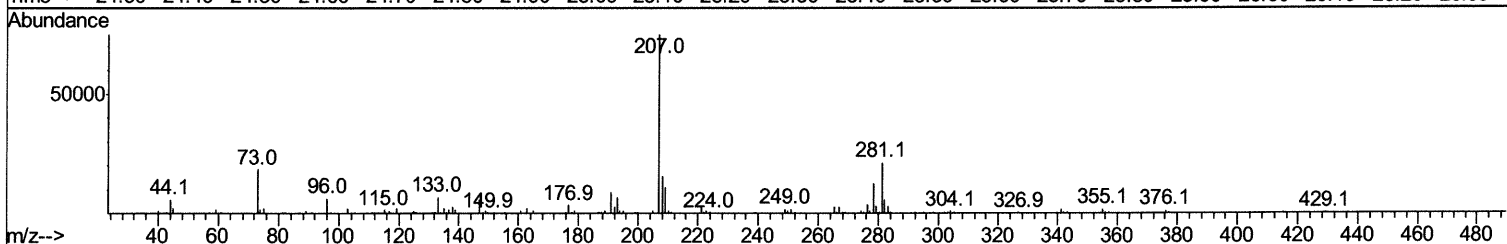
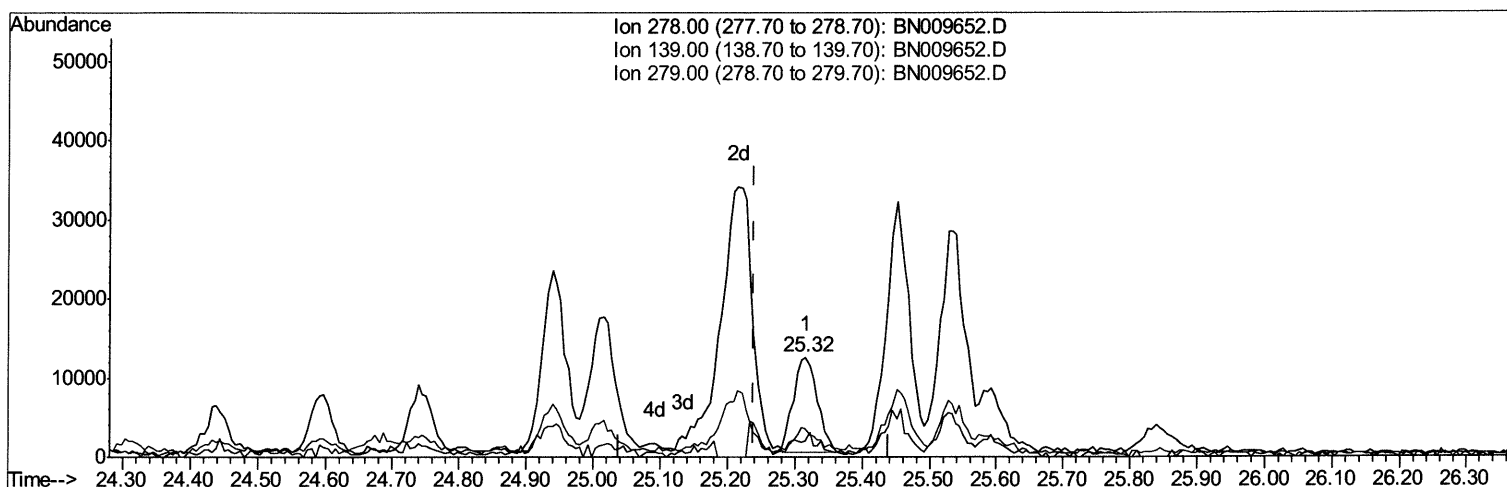
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Data File : BN009652.D
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Operator : CG/JU
Sample : L1324-18DL 30X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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(92) Dibenzo(a,h)anthracene

25.315min (+0.076) 0.72ng/ul

response 29725

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	15.98
279.00	24.80	28.38
0.00	0.00	0.00

Quantitation Report (Qedit)

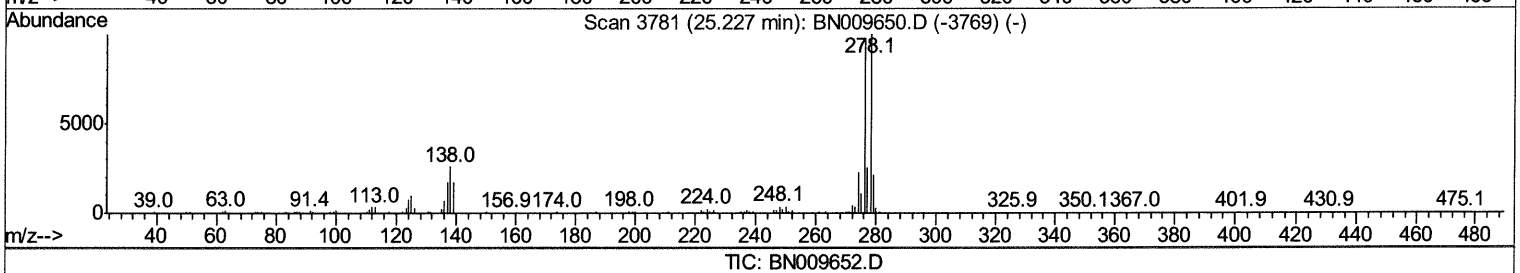
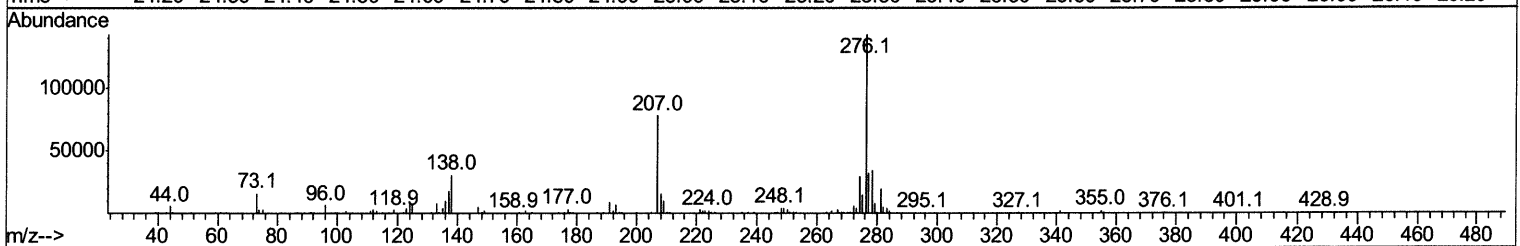
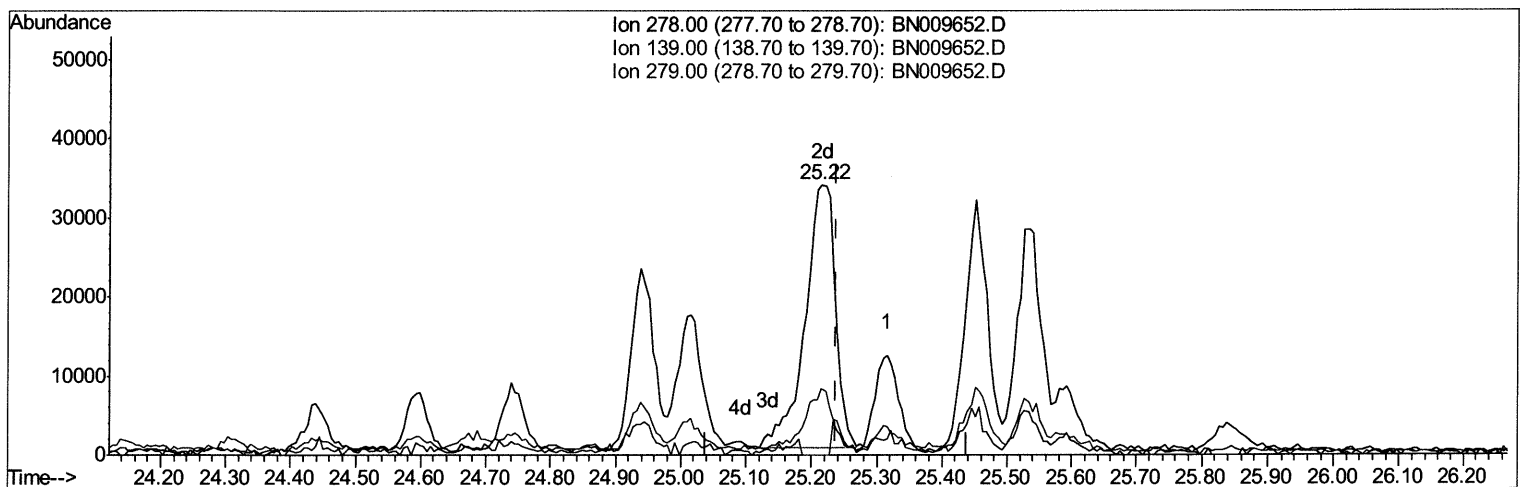
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Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.215min (-0.024) 2.61ng/ul m 25.2/13/20

response 107693

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	0.00#
279.00	24.80	24.38
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	147650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	610693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	374215	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	743527	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	701465	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	712114	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	4990m >	0.39	ng/ul >	0.01 Ju 02/13/20
7) Bis-(2-Chloroethyl)ether-d	6.80	67	3133	0.36	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	3983	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	3345	0.33	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	1457	0.32	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	1311	0.26	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.86	165	3538	0.37	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.50	166	13551	0.50	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	15969	0.48	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	13864	0.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	16.92	188	23852	0.71	ng/ul	0.00
78) Pyrene-d10	19.23	212	22910	0.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	21455	0.61	ng/ul	0.00

Target Compounds

					Ovalue	
47) Acenaphthylene	13.79	152	346752	9.599	ng/ul	99
58) Fluorene	15.15	166	30143	1.055	ng/ul#	68
69) Phenanthrene	16.87	178	246774	5.820	ng/ul	98
71) Anthracene	16.96	178	205178	4.769	ng/ul	99
76) Fluoranthene	18.90	202	1906897	39.403	ng/ul	100
79) Pyrene	19.26	202	3207339	62.635	ng/ul	97
82) Benzo(a)anthracene	21.03	228	858056m >	17.717	ng/ul >	Ju 02/13/20
84) Chrysene	21.07	228	895142	18.565	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	761759m }	17.098	ng/ul }	Ju 02/13/20
88) Benzo(k)fluoranthene	22.56	252	221517m }	5.049	ng/ul }	
90) Benzo(a)pyrene	23.06	252	446671	10.821	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.22	276	338196	6.891	ng/ul	92
92) Dibenzo(a,h)anthracene	25.22	278	107693m >	2.607	ng/ul >	Ju 02/13/20
93) Benzo(a,h,i)perylene	25.84	276	338091	8.220	ng/ul	96

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