

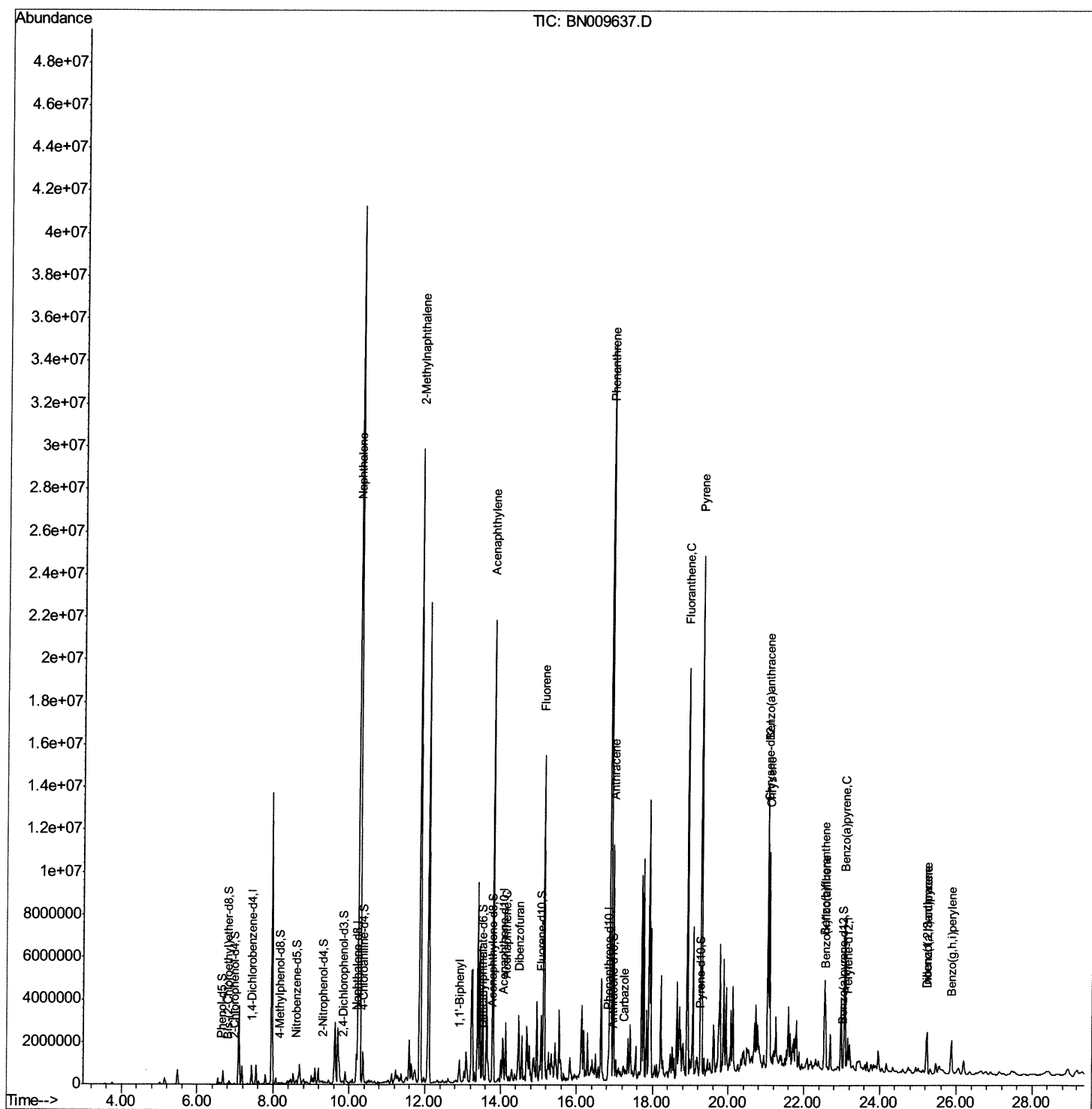
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

mohammad
2/10/2020 8:20:27 AM

Quant Time: Feb 07 13:50:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

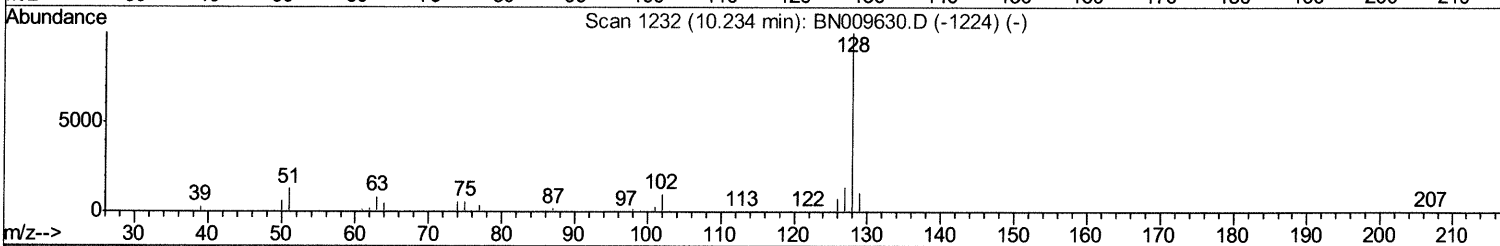
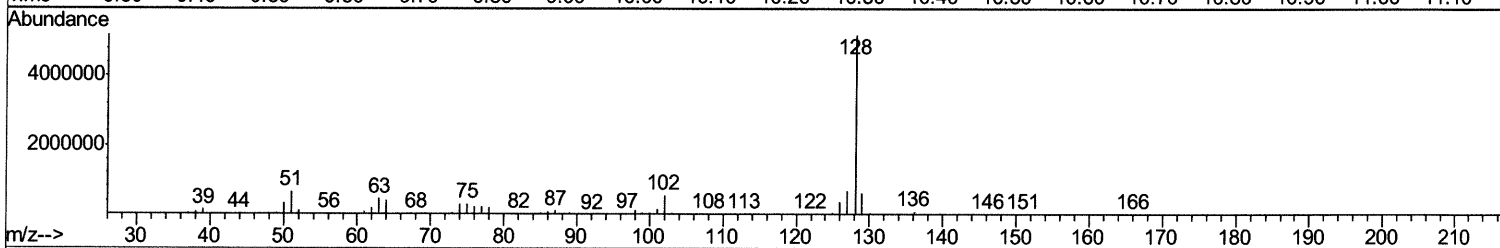
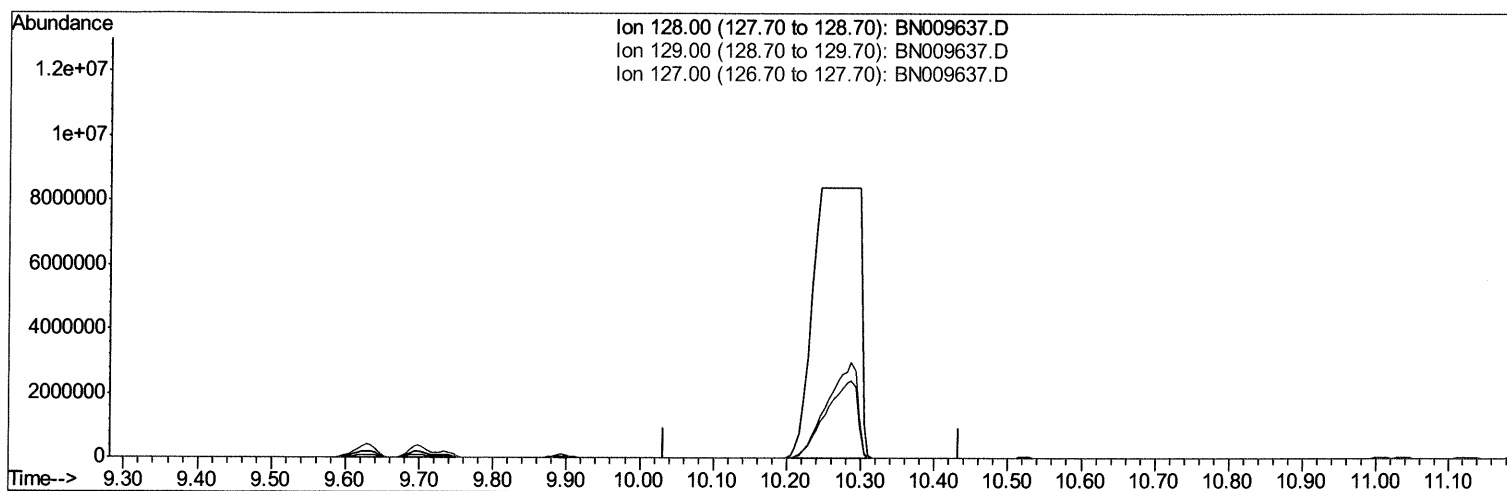
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
2/10/2020 8:20:27 AM

Quant Time: Feb 07 11:16:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



TIC: BN009637.D

(28) Naphthalene

10.234min (-10.234) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.90	0.00#
127.00	13.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

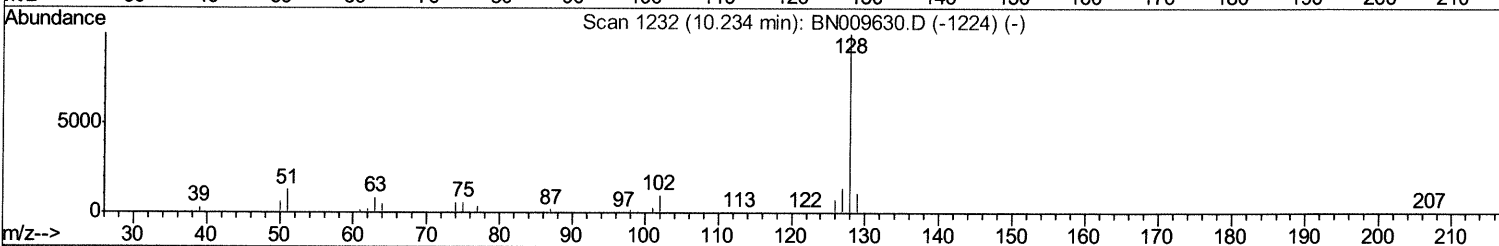
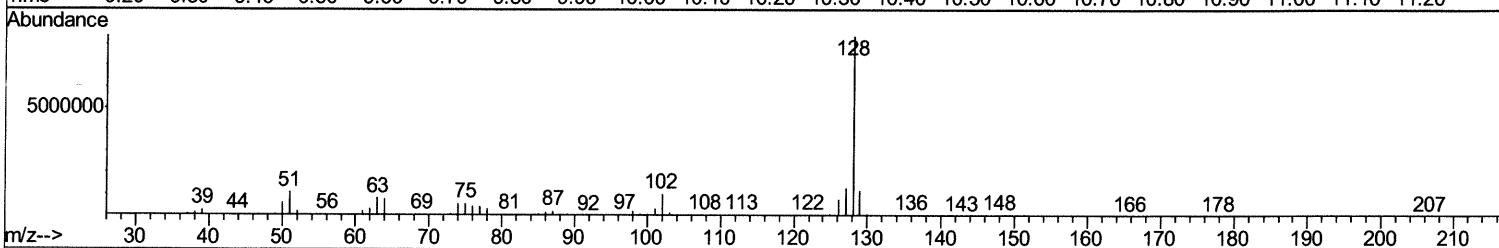
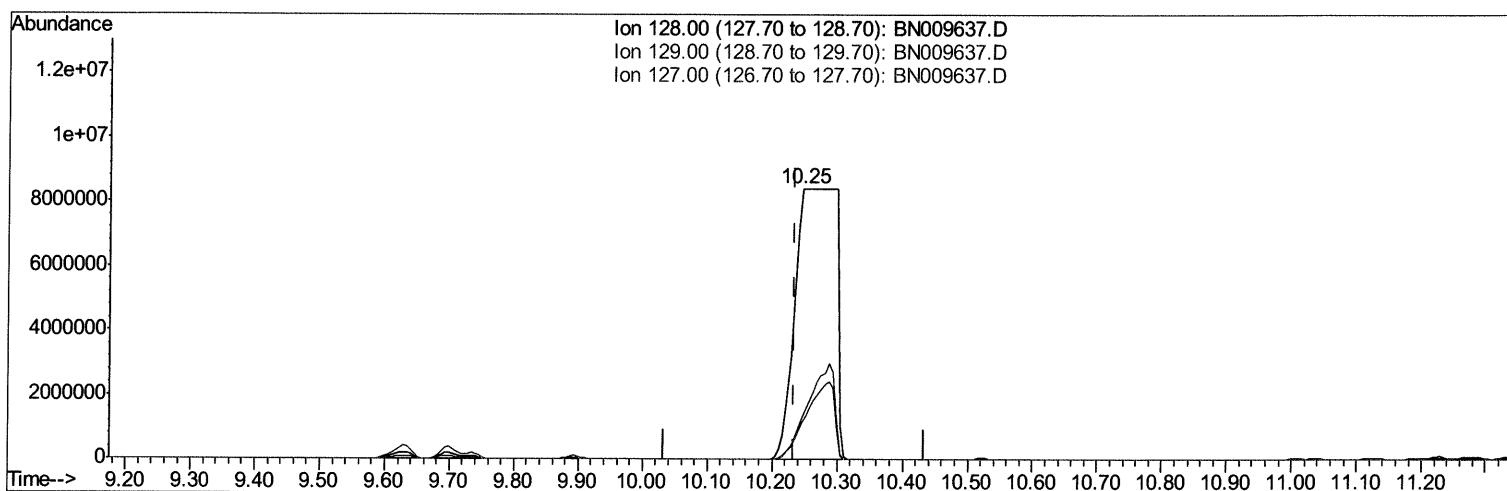
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
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ClientSampleId :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BN009637.D

(28) Naphthalene

10.246min (+0.012) 821.25ng/ul m JU 02/13/20

response 36482182

Ion	Exp%	Act%
128.00	100	100
129.00	10.90	13.44#
127.00	13.40	15.33
0.00	0.00	0.00

Quantitation Report (Qedit)

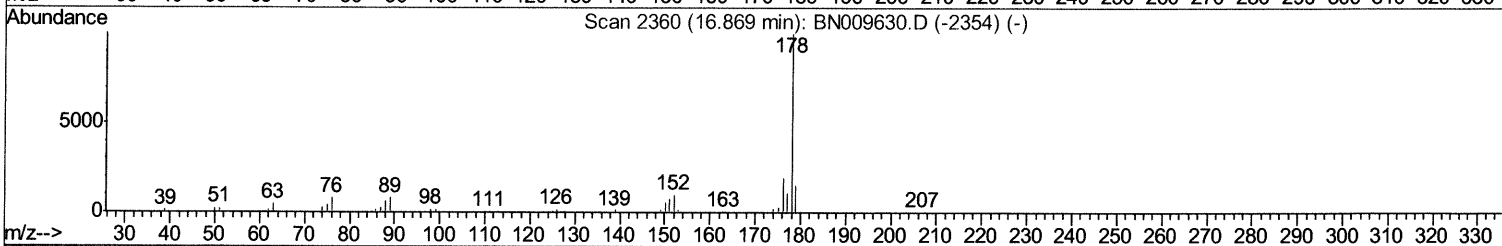
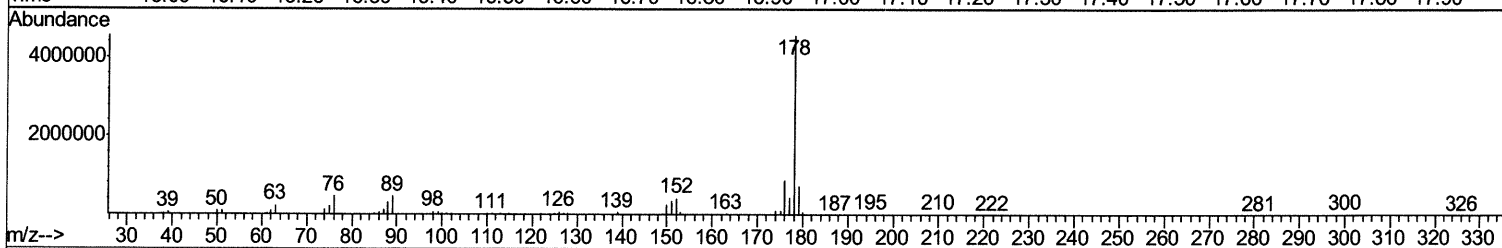
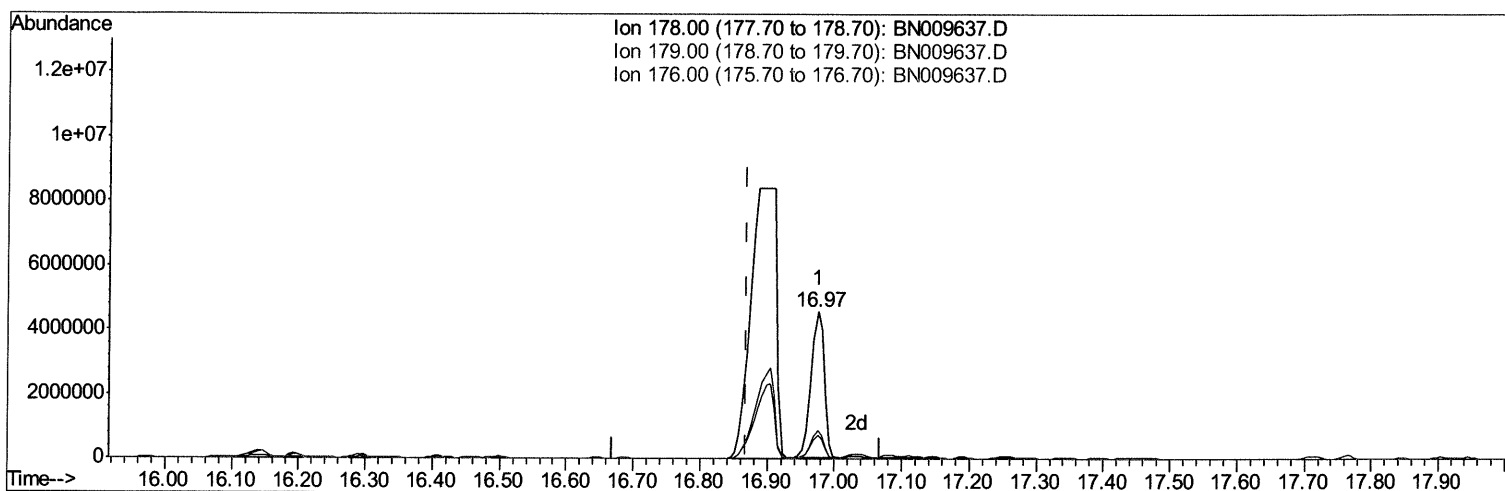
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 07 11:16:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



(69) Phenanthrene

16.975min (+0.106) 113.82ng/ul

response 6235739

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	16.03
176.00	18.50	19.13
0.00	0.00	0.00

Quantitation Report (Qedit)

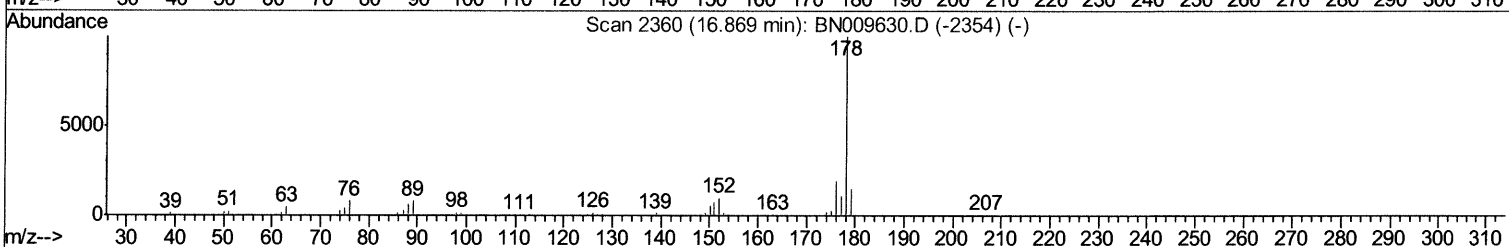
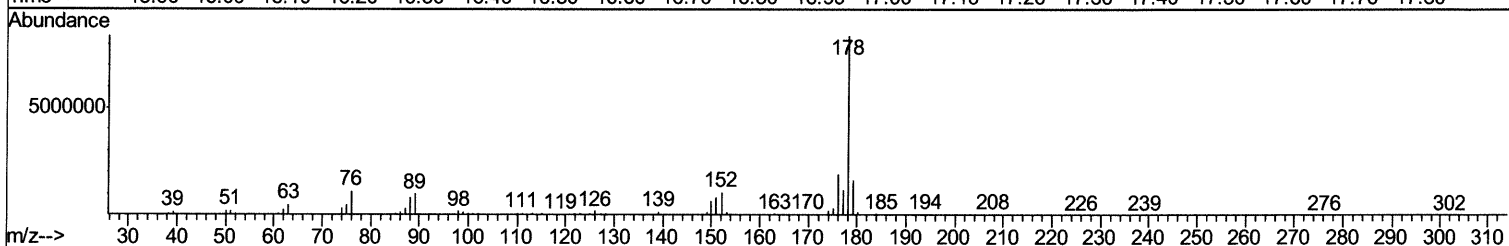
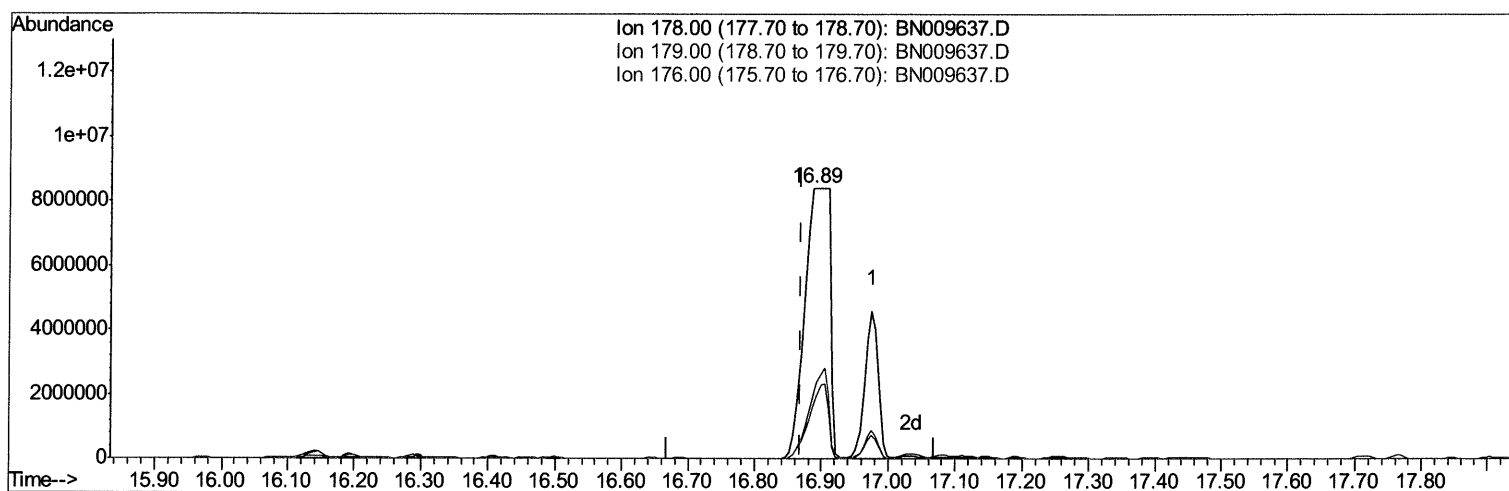
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

mohammad
2/10/2020 8:20:27 AM

Quant Time: Feb 07 11:16:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



TIC: BN009637.D

(69) Phenanthrene

16.887min (+0.018) 404.65ng/ul m JU 02/13/20

response 22168172

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	18.95#
176.00	18.50	22.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

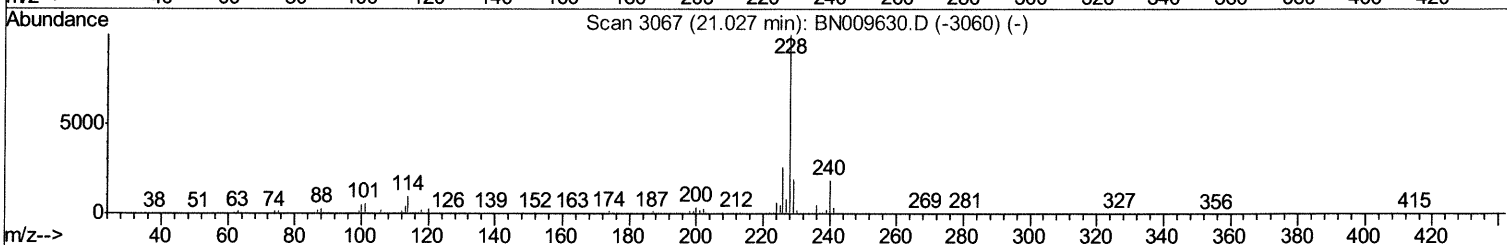
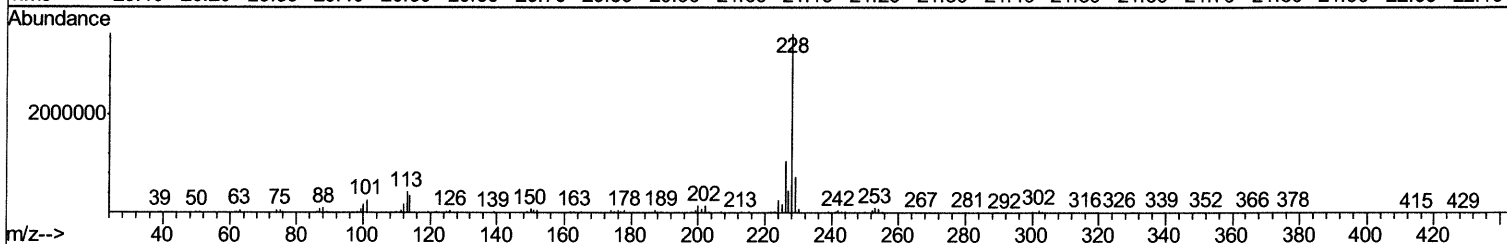
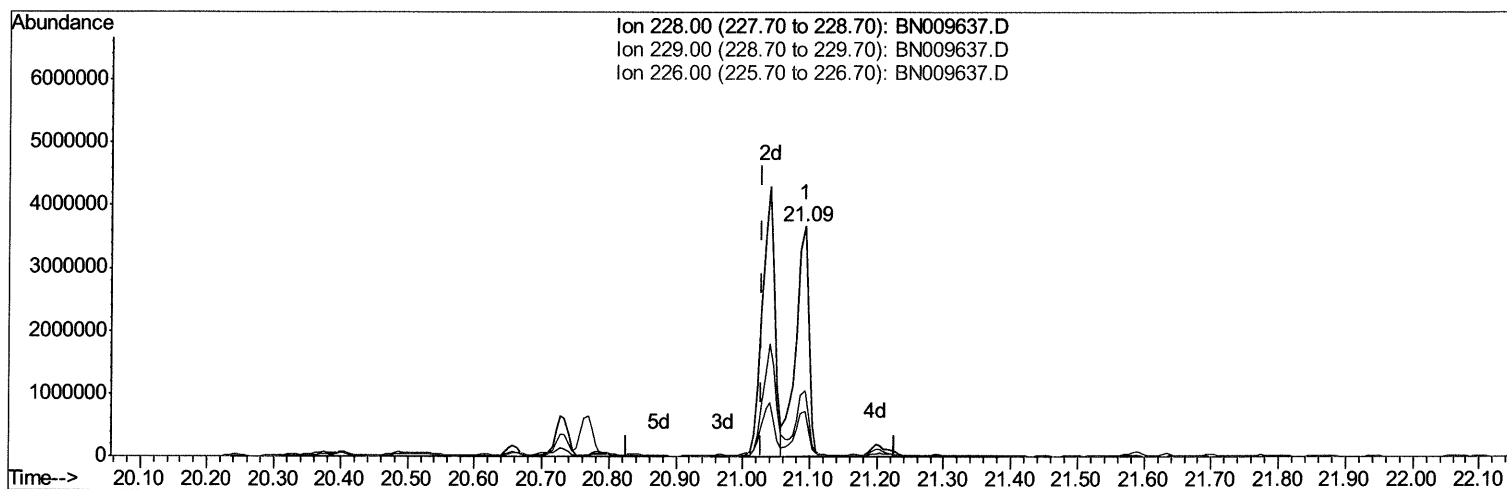
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

mohammad
2/10/2020 8:20:27 AM

Quant Time: Feb 07 11:16:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



TIC: BN009637.D

(82) Benzo(a)anthracene

21.092min (+0.065) 84.91ng/ul

response 4918235

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.89
226.00	26.10	28.94
0.00	0.00	0.00

Quantitation Report (Qedit)

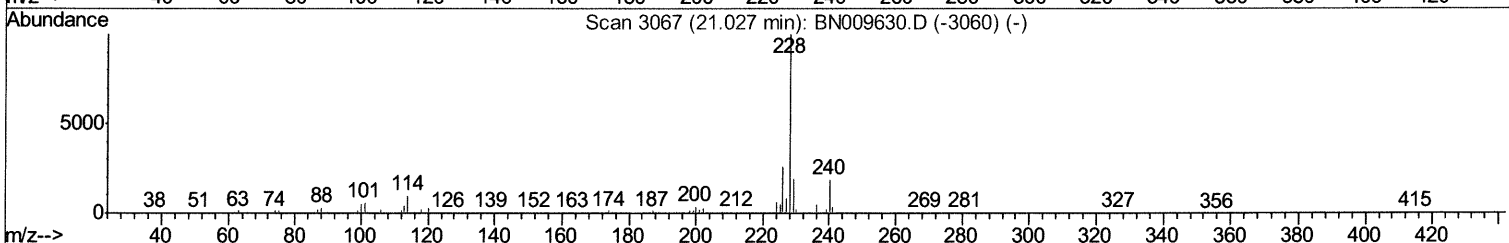
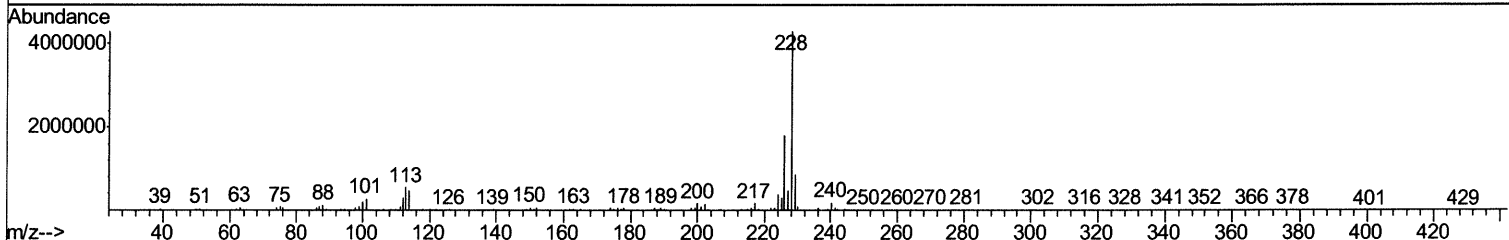
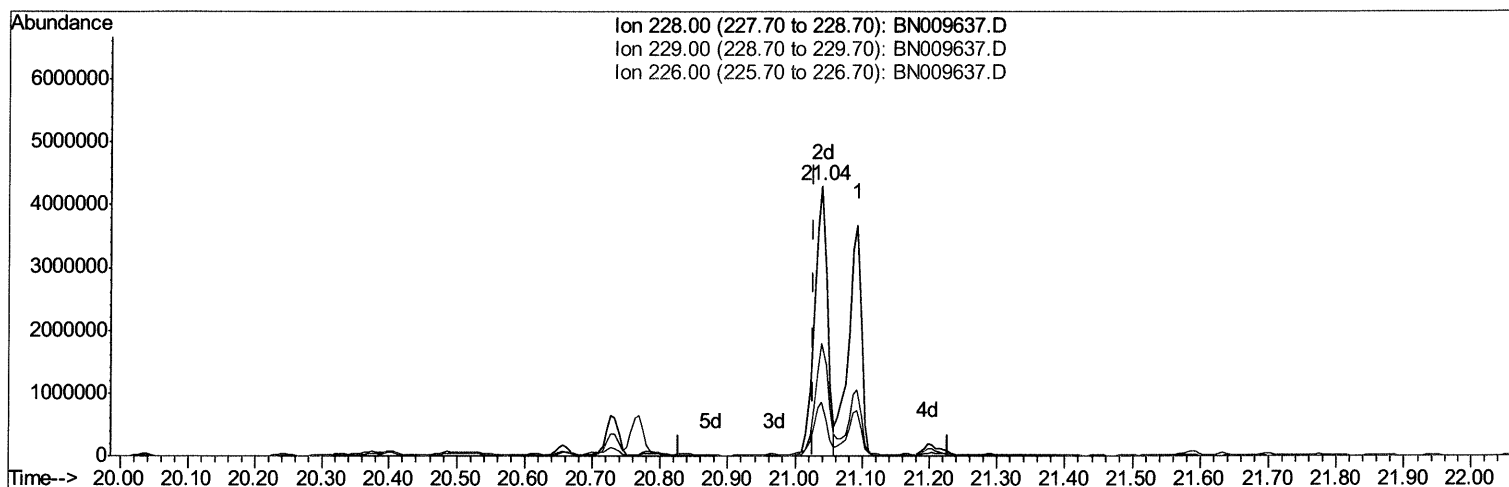
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009637.D
 Acq On : 07 Feb 2020 08:23
 Operator : CG/JU
 Sample : L1324-16 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT71

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:27 AM

Quant Time: Feb 07 11:16:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 11:12:58 2020
 Response via : Initial Calibration



TIC: BN009637.D

(82) Benzo(a)anthracene

21.039min (+0.012) 98.87ng/ul m **7u02/13/20**

response 5727069

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.92
226.00	26.10	41.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

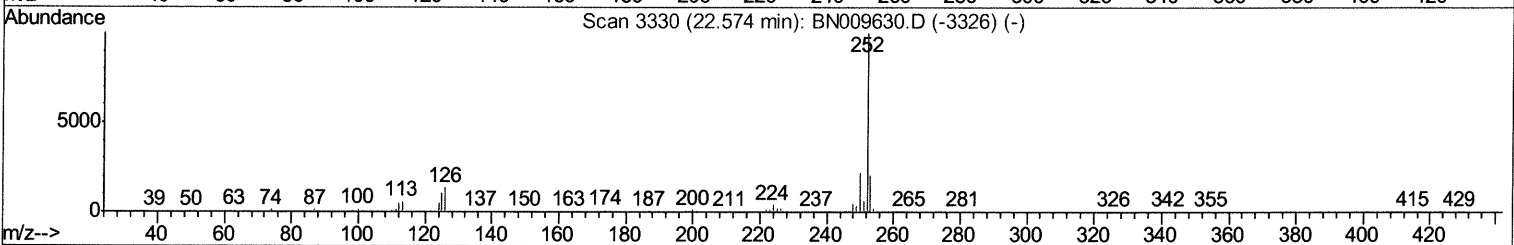
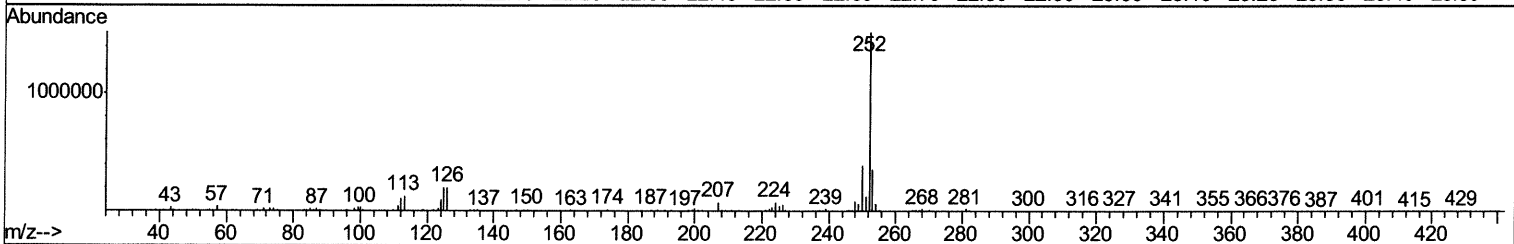
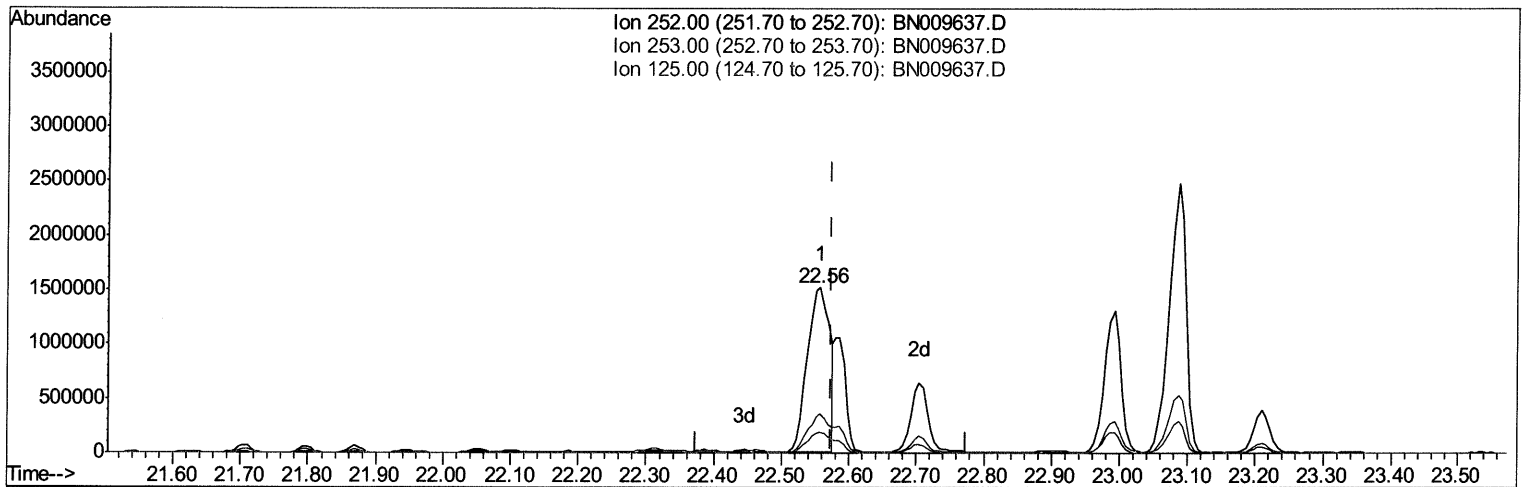
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

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Quant Time: Feb 07 11:16:51 2020
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BN009637.D

(88) Benzo(k)fluoranthene

22.557min (-0.018) 58.62ng/ul

response 3483404

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.48
125.00	10.00	12.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

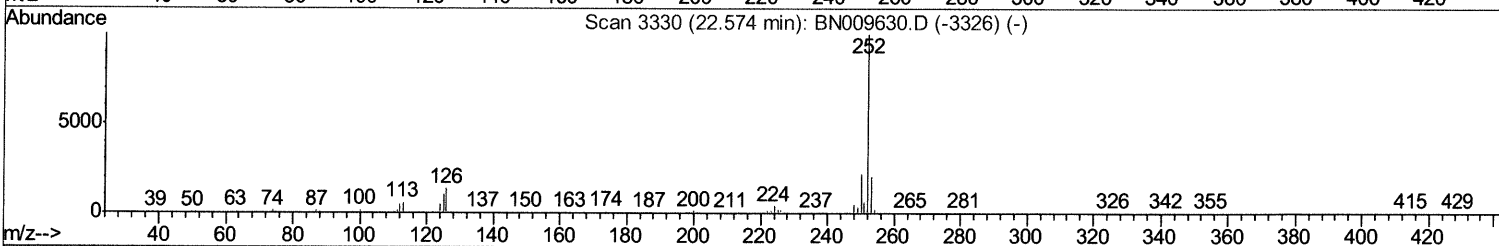
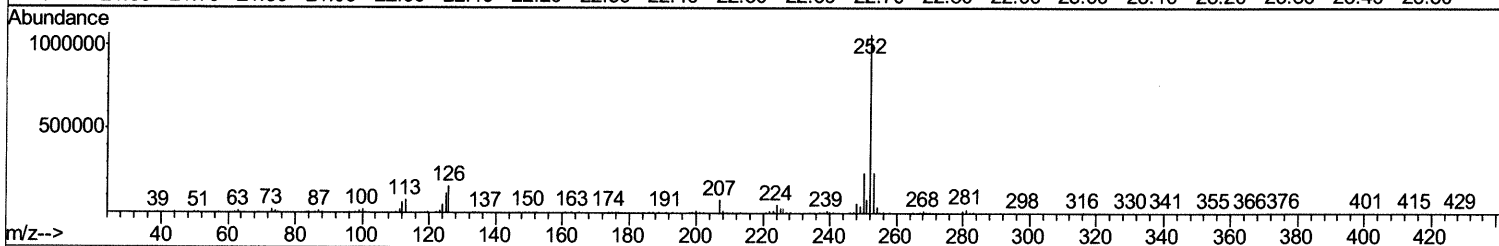
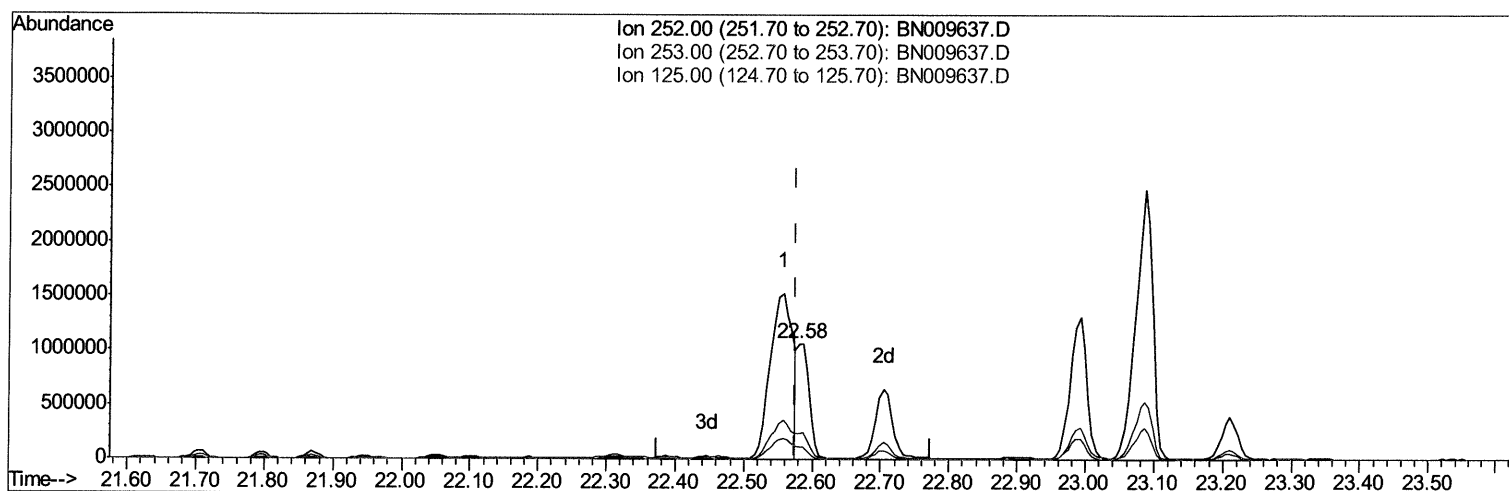
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

mohammad
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Quant Time: Feb 07 11:16:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
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QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



TIC: BN009637.D

(88) Benzo(k)fluoranthene

22.580min (+0.006) 20.98ng/ul m *Ju 02/13/20*

response 1246880

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.44
125.00	10.00	10.95
0.00	0.00	0.00

Quantitation Report (Qedit)

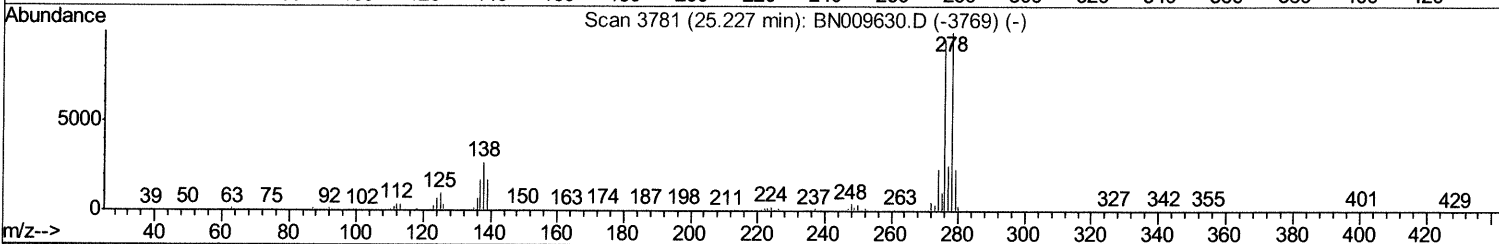
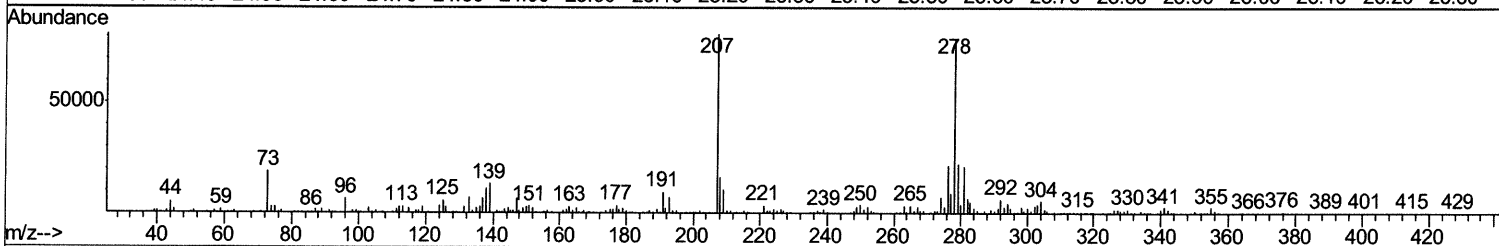
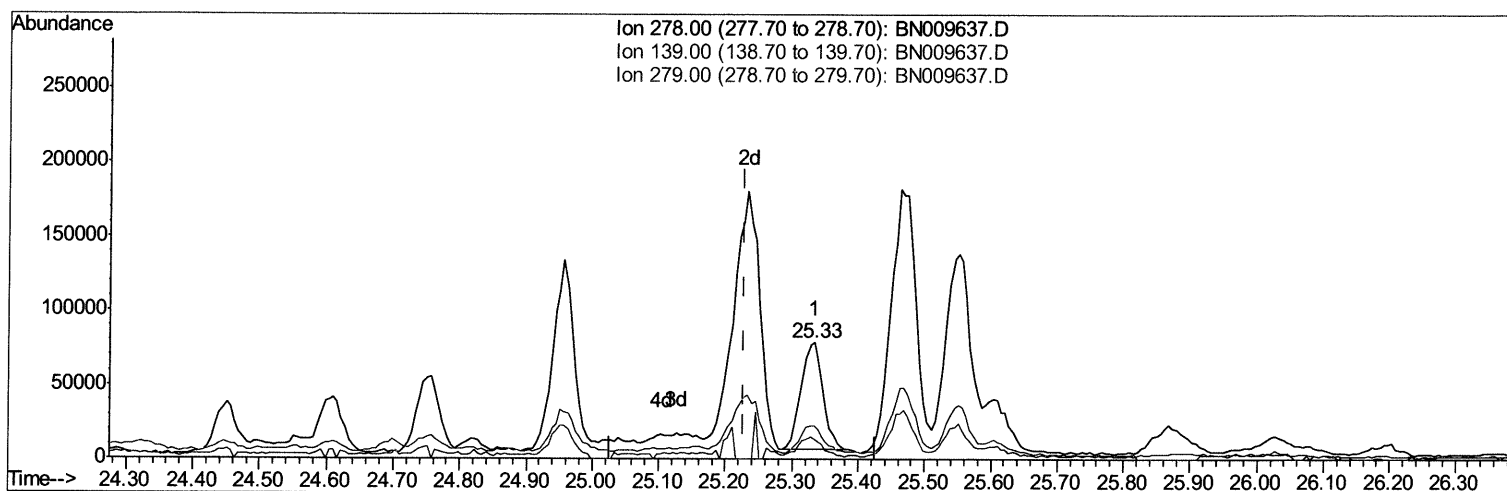
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
Acq On : 07 Feb 2020 08:23
Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

mohammad
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Response via : Initial Calibration



TIC: BN009637.D

(92) Dibenzo(a,h)anthracene

25.333min (+0.106) 3.00ng/ul

response 167656

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	17.25
279.00	24.80	28.93
0.00	0.00	0.00

Quantitation Report (Qedit)

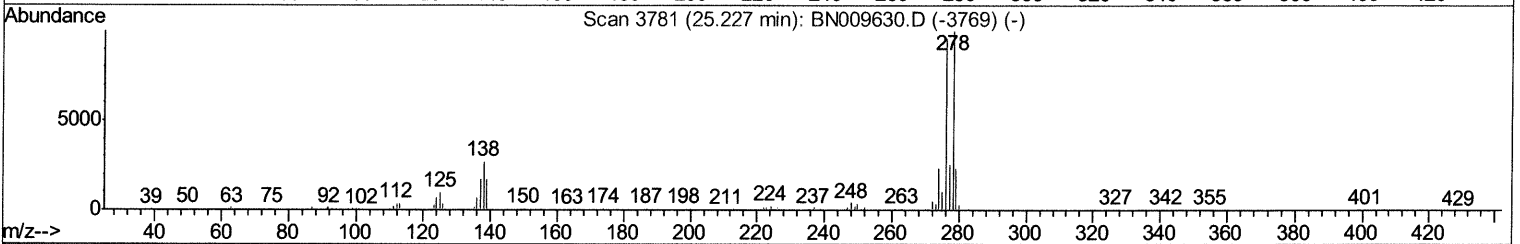
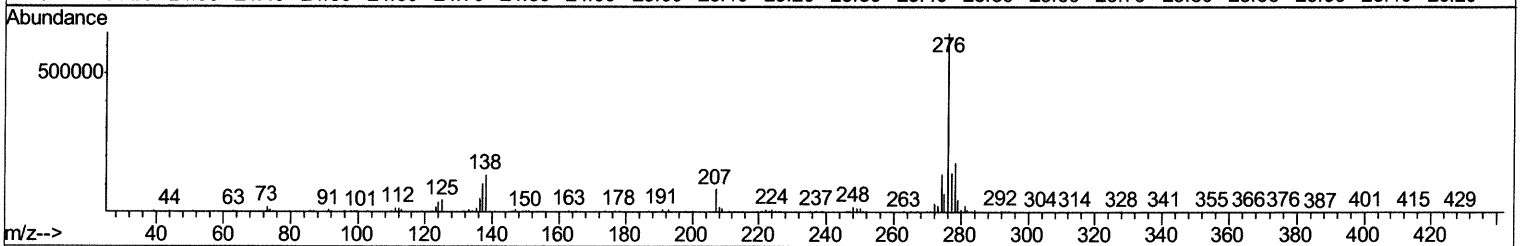
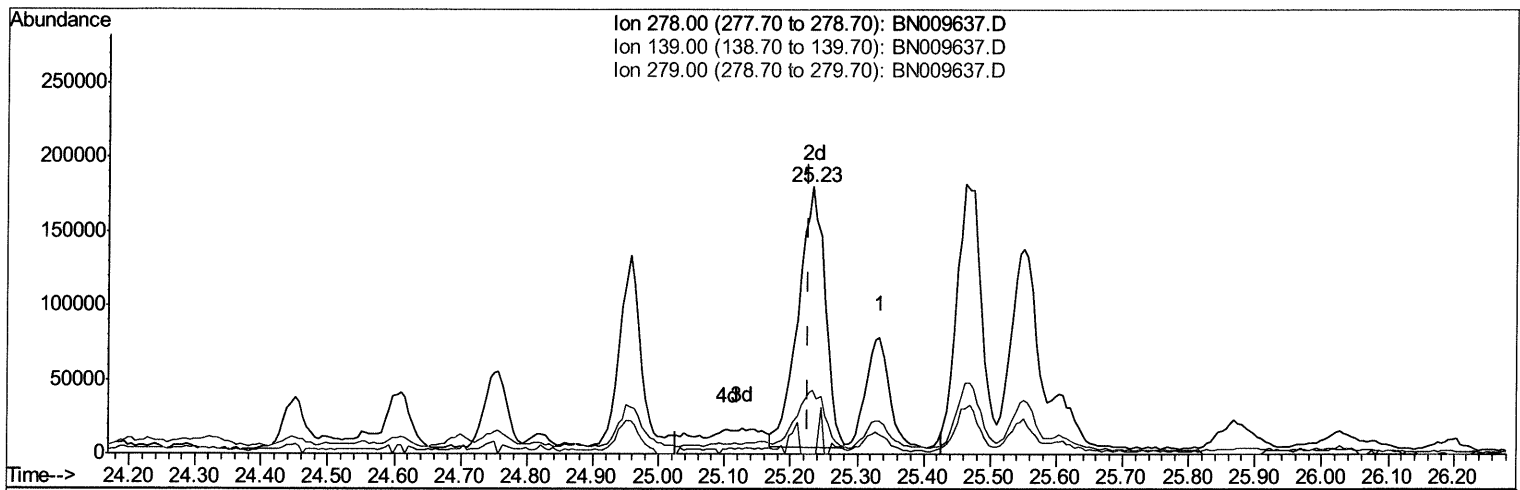
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009637.D
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Operator : CG/JU
Sample : L1324-16 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71

Manual Integrations
APPROVED

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2/10/2020 8:20:27 AM

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



TIC: BN009637.D

(92) Dibenzo(a,h)anthracene

25.233min (+0.006) 8.78ng/ul m

Ju 02/13/20

response 491384

Ion	Exp%	Act%
278.00	100	100
139.00	15.90	0.00#
279.00	24.80	24.14
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	201377	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	819168	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.07	164	491433	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	960634	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	838953	20.00	ng/ul	0.01
85) Perylene-d12	23.16	264	964388	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	905	0.18	ng/uL	0.02
5) Phenol-d5	6.64	99	26429	1.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	18771	1.59	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	19789	1.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	19937	1.43	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	13885	2.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	10635	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	18810	1.48	ng/ul	0.02
29) 4-Chloroaniline-d4	10.38	131	32201	2.35	ng/ul	0.04
43) Dimethylphthalate-d6	13.50	166	67051	1.87	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	75162	1.73	ng/ul	0.01
51) 4-Nitrophenol-d4	14.33	143	3780	0.56	ng/ul	0.02
57) Fluorene-d10	15.08	176	58759	1.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	4370	0.73	ng/ul	0.03
70) Anthracene-d10	16.94	188	83224	1.91	ng/ul	0.01
78) Pyrene-d10	19.24	212	87083	1.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	87597	1.84	ng/ul	0.01
Target Compounds						
28) Naphthalene	10.25	128	36482182m	821.25	ng/ul	Qvalue 99 02/13/20
34) 2-Methylnaphthalene	11.89	142	17290909	556.20	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	200370	5.24	ng/ul	99
47) Acenaphthylene	13.80	152	13617564	287.07	ng/ul	97
49) Acenaphthene	14.14	153	1001972	31.07	ng/ul	98
53) Dibenzofuran	14.47	168	1069359	23.81	ng/ul	96
58) Fluorene	15.15	166	7395285	197.05	ng/ul	99
69) Phenanthrene	16.89	178	22168172m	404.65	ng/ul	Qvalue 99 02/13/20
71) Anthracene	16.97	178	6235739	112.18	ng/ul	98
74) Carbazole	17.24	167	243442	5.03	ng/ul#	93
76) Fluoranthene	18.92	202	11307149	180.84	ng/ul	97
79) Pyrene	19.28	202	15527029	253.53	ng/ul#	89
82) Benzo(a)anthracene	21.04	228	5727069m	98.87	ng/ul	Qvalue 99 02/13/20
84) Chrysene	21.09	228	4919342	85.31	ng/ul	99
87) Benzo(b)fluoranthene	22.56	252	3483404	57.73	ng/ul#	94
88) Benzo(k)fluoranthene	22.58	252	1246880m	20.98	ng/ul	Qvalue 99 02/13/20
90) Benzo(a)pyrene	23.09	252	4242575	75.89	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.23	276	1622665	24.41	ng/ul	91
92) Dibenzo(a,h)anthracene	25.23	278	491384m	8.78	ng/ul	Qvalue 99 02/13/20
93) Benzo(g,h,i)perylene	25.87	276	1696175	30.45	ng/ul	93

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