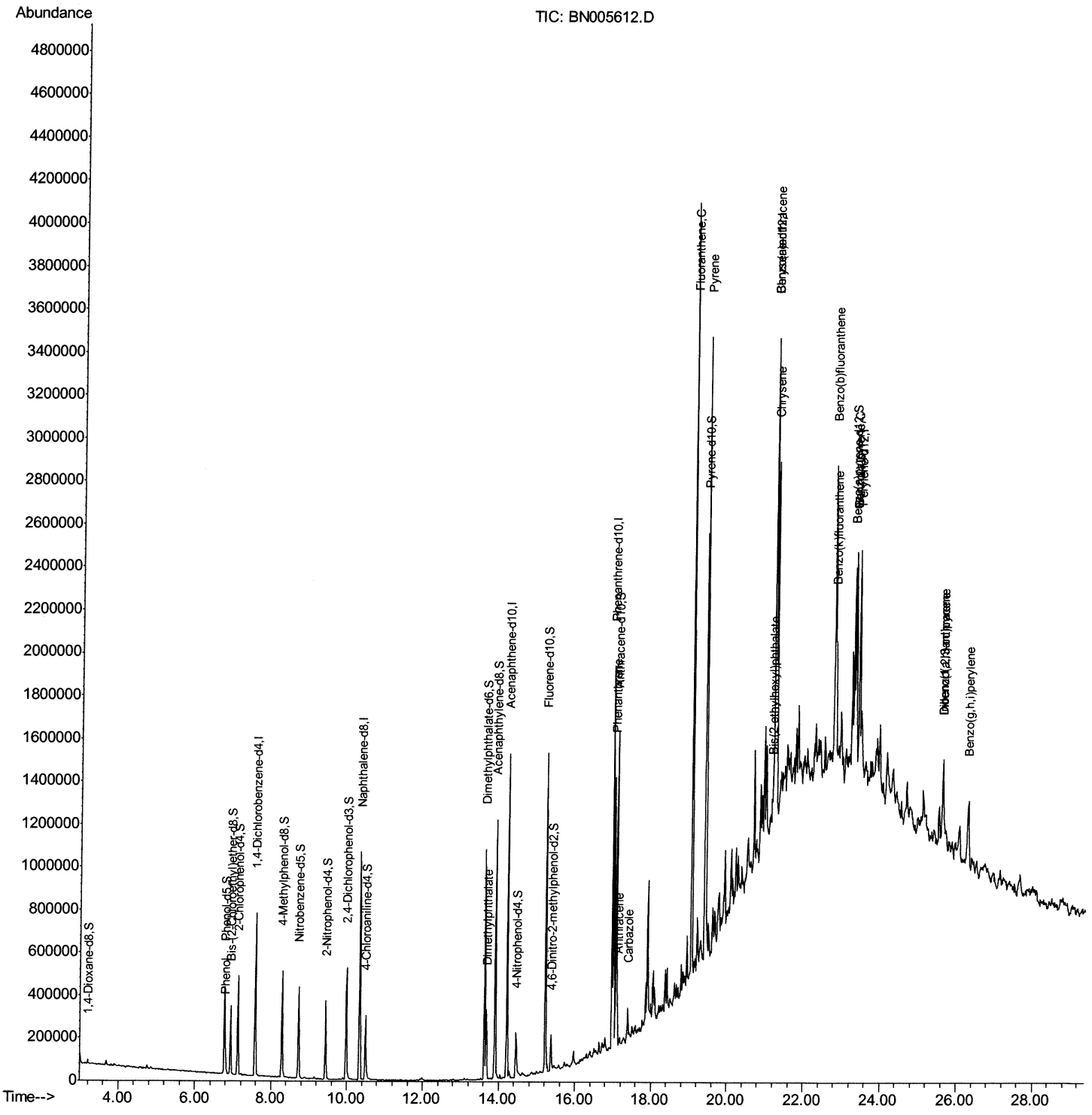
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005612.D
Acq On : 11 May 2019 05:29
Operator : JU/SJ
Sample : K2613-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 11 22:16:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFH46

Manual Integrations APPROVED
mohammad
5/13/2019 8:27:01 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005612.D
Acq On : 11 May 2019 05:29
Operator : JU/SJ
Sample : K2613-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 11 22:10:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
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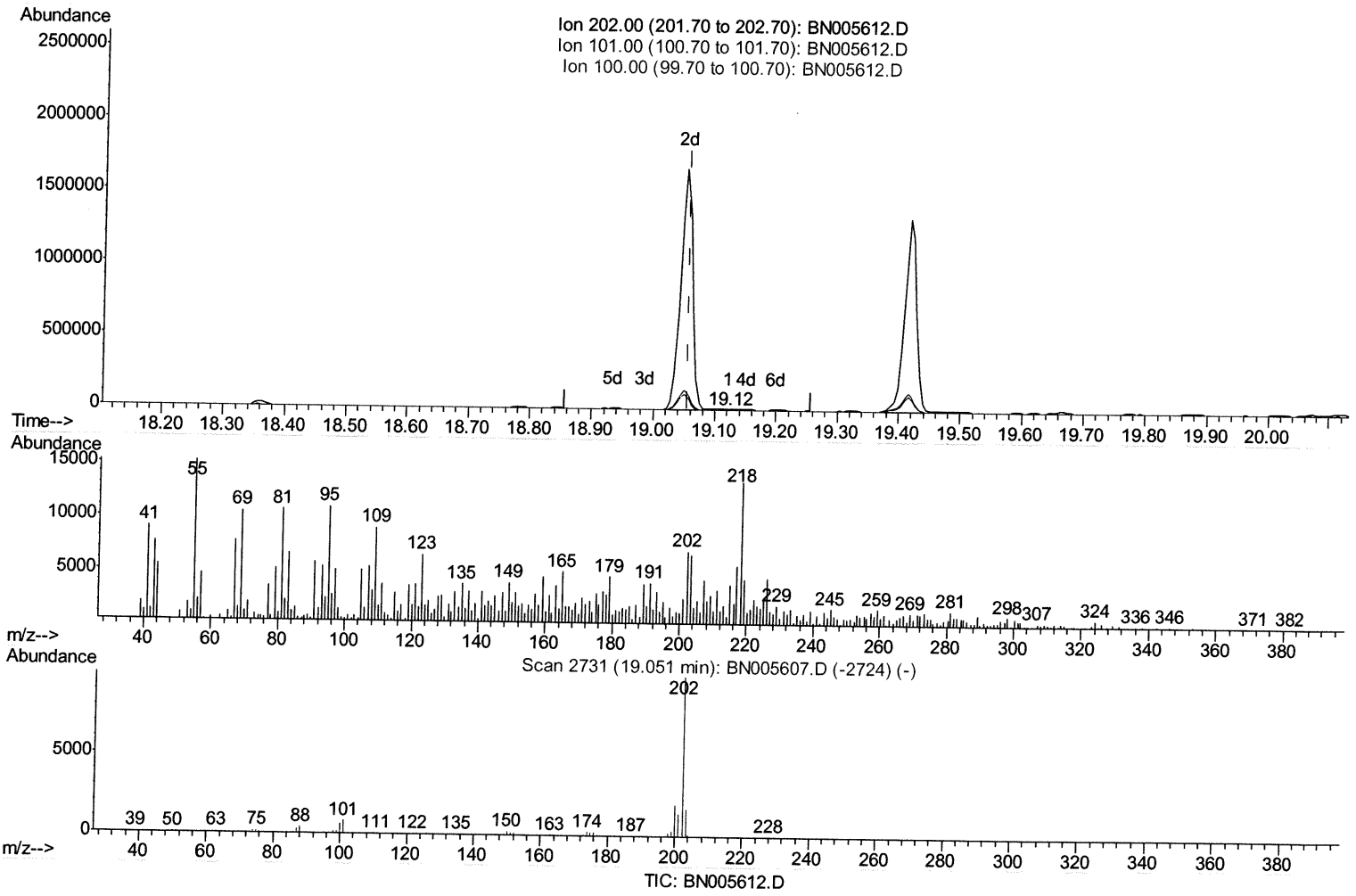

TIC: BN005612.D

(76) Fluoranthene (C)

19.122min (+0.065) 0.11ng/ul

response 6040

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	12.22
100.00	7.90	7.00
0.00	0.00	0.00

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mohammad
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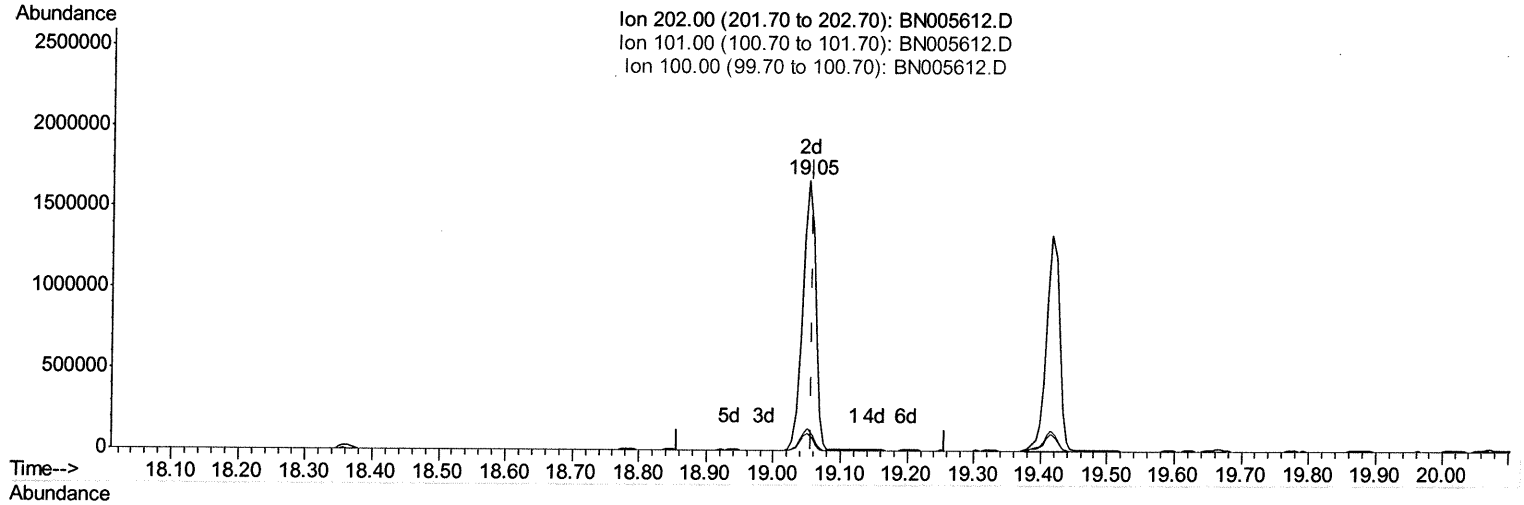
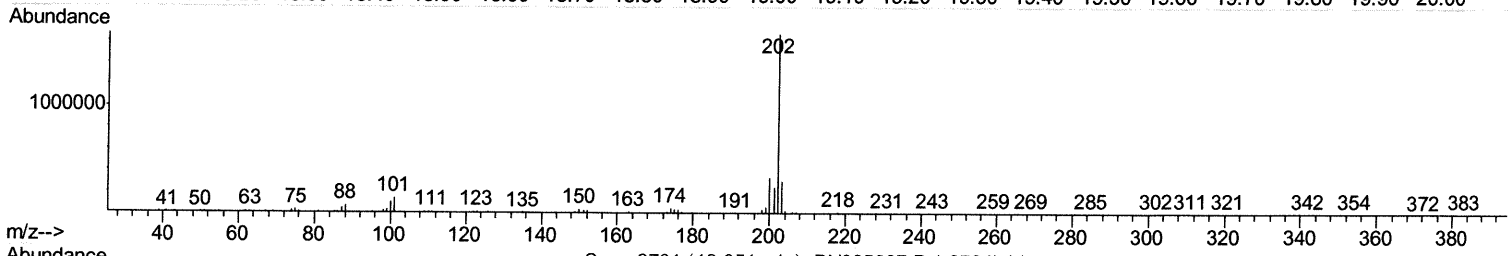
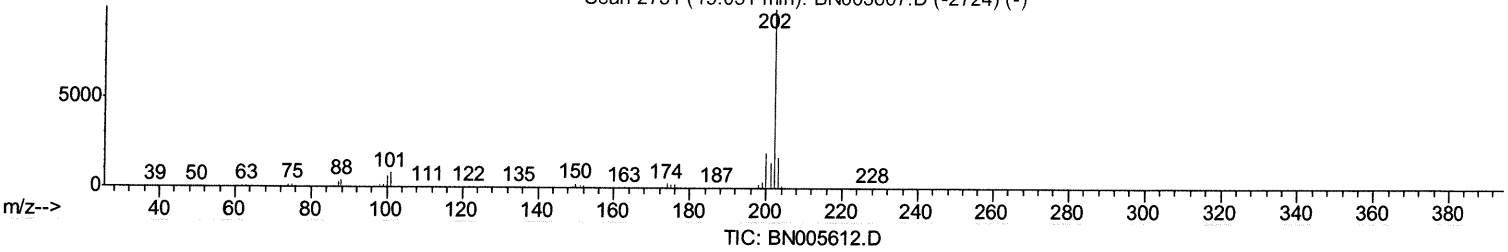




Scan 2731 (19.051 min): BN005607.D (-2724) (-)



TIC: BN005612.D

(76) Fluoranthene (C)

19.051min (-0.006) 38.90ng/ul m JU 05/15/19

response 2227269

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	8.39#
100.00	7.90	6.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
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Operator : JU/SJ
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ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 11 22:10:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
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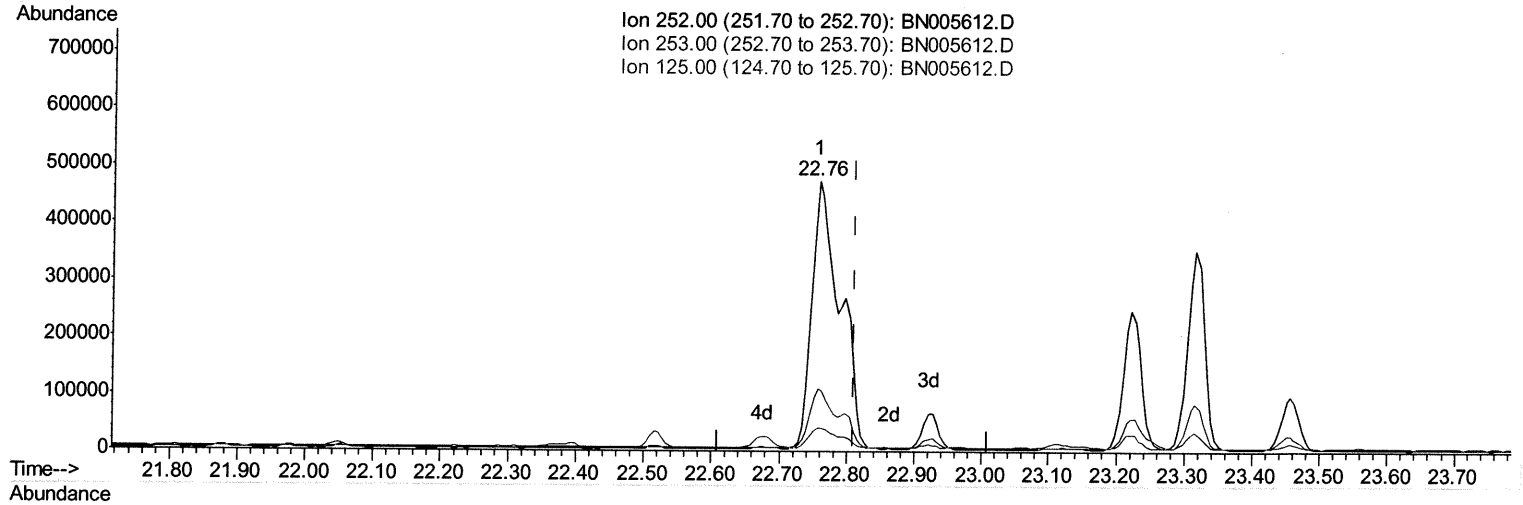
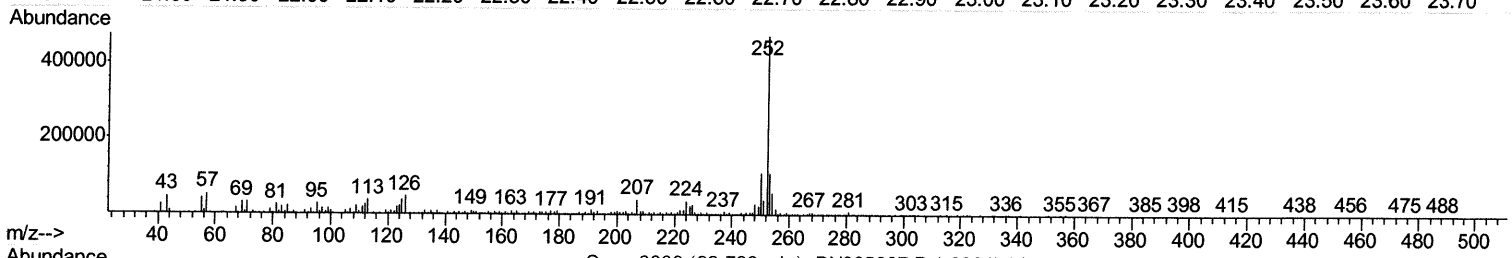
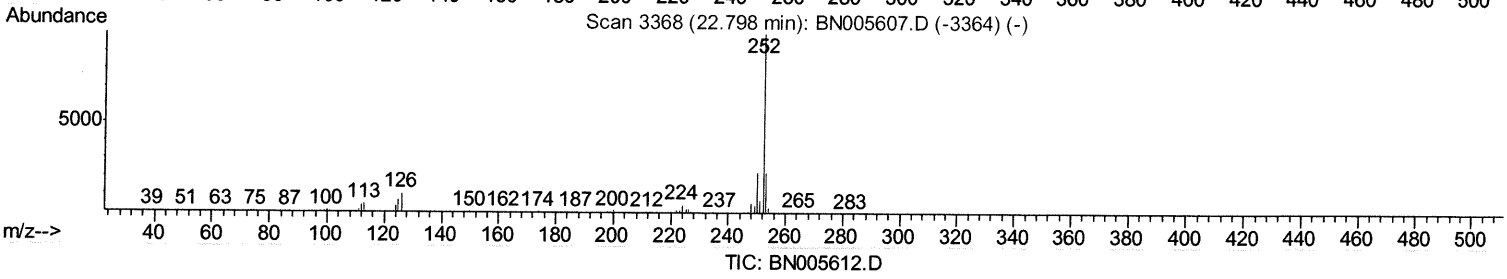
Instrument :
BNA_N
ClientSampleId :
BFH46

Manual Integrations APPROVED
mohammad
5/13/2019 8:27:01 AM





Scan 3368 (22.798 min): BN005607.D (-3364) (-)



TIC: BN005612.D

(88) Benzo(k)fluoranthene

22.757min (-0.053) 24.84ng/ul

response 1012240

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.11
125.00	9.40	8.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
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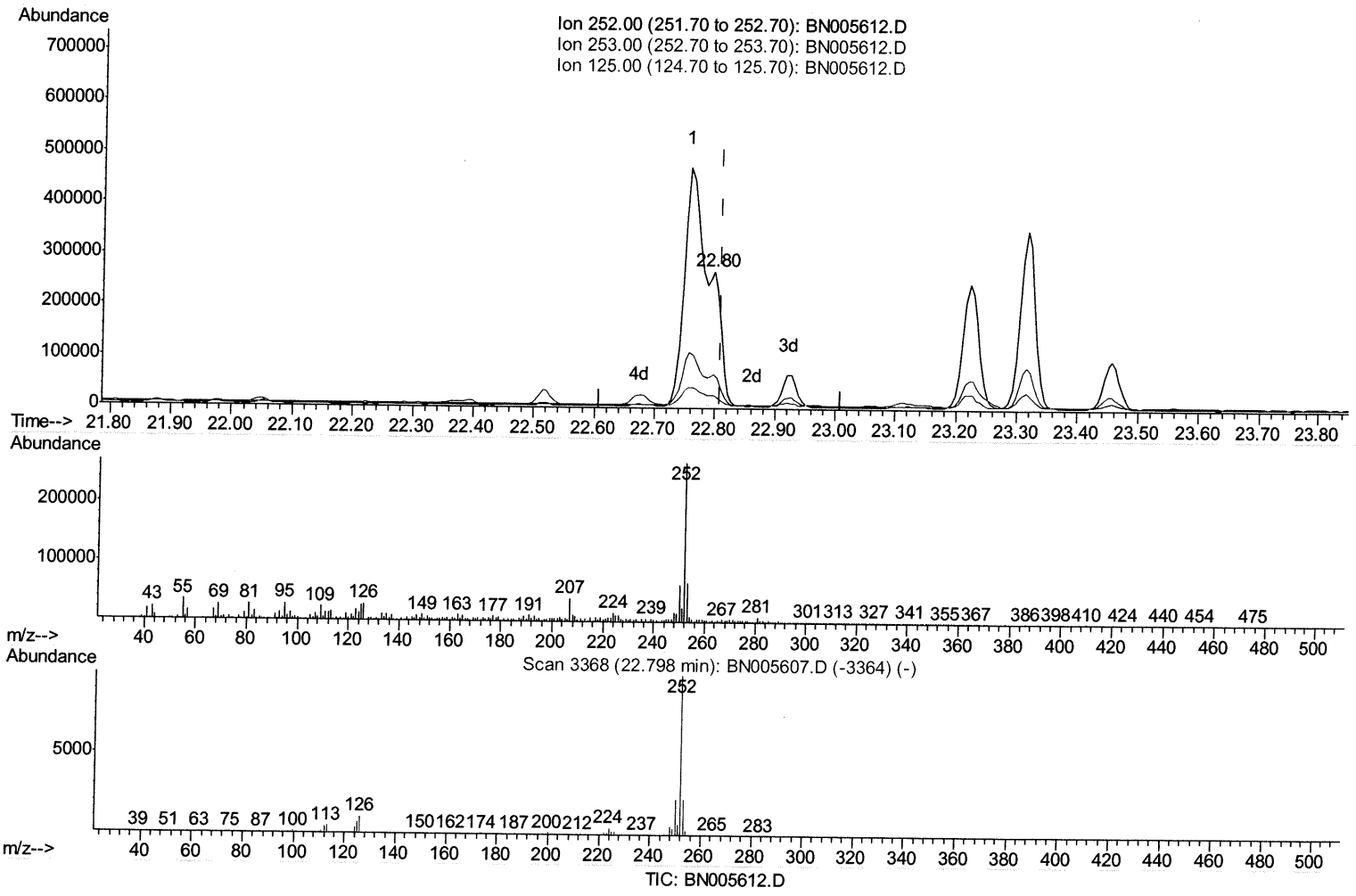
Acq On : 11 May 2019 05:29
Operator : JU/SJ
Sample : K2613-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 11 22:10:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BFH46

Manual Integrations APPROVED
mohammad
5/13/2019 8:27:01 AM



TIC: BN005612.D

(88) Benzo(k)fluoranthene

22.798min (-0.012) 8.56ng/ul m JU 05/15/19

response 348662

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.74
125.00	9.40	9.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005612.D
Acq On : 11 May 2019 05:29
Operator : JU/SJ
Sample : K2613-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 11 22:16:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BFH46

Manual Integrations APPROVED
mohammad
5/13/2019 8:27:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	210102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	872225	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	521453	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1059962	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	709628	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	758900	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	8908	2.05	ng/uL	0.00
5) Phenol-d5	6.77	99	243879	14.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	140891	13.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	209691	16.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	197308	15.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	109308	20.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	123820	22.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	227302	18.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	200805	15.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	713948	18.86	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	895982	19.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	75380	12.61	ng/ul	0.01
57) Fluorene-d10	15.22	176	614162	19.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	43535	9.13	ng/ul	0.00
70) Anthracene-d10	17.07	188	859801	19.35	ng/ul	0.00
78) Pyrene-d10	19.39	212	797208	21.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	636472	19.19	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.80	94	54992	3.240	ng/ul	96
44) Dimethylphthalate	13.68	163	217353	5.763	ng/ul	99
69) Phenanthrene	17.02	178	753478	14.596	ng/ul	99
71) Anthracene	17.11	178	139882	2.660	ng/ul	98
74) Carbazole	17.39	167	91022	2.015	ng/ul	100
76) Fluoranthene	19.05	202	2227269m>	38.899	ng/ul →	JO 05/15/19
79) Pyrene	19.42	202	1832277	40.102	ng/ul#	93
82) Benzo(a)anthracene	21.19	228	935567	21.192	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	28270	1.015	ng/ul#	87
84) Chrysene	21.24	228	886376	21.634	ng/ul	96
87) Benzo(b)fluoranthene	22.76	252	1012240	23.728	ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	348662m>	8.558	ng/ul →	JO 05/15/19
90) Benzo(a)pyrene	23.32	252	605237	15.094	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	358932	8.096	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.60	278	103840	2.760	ng/ul#	88
93) Benzo(g,h,i)perylene	26.27	276	311299	8.492	ng/ul	95

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