

Quantitation Report (QT Reviewed)

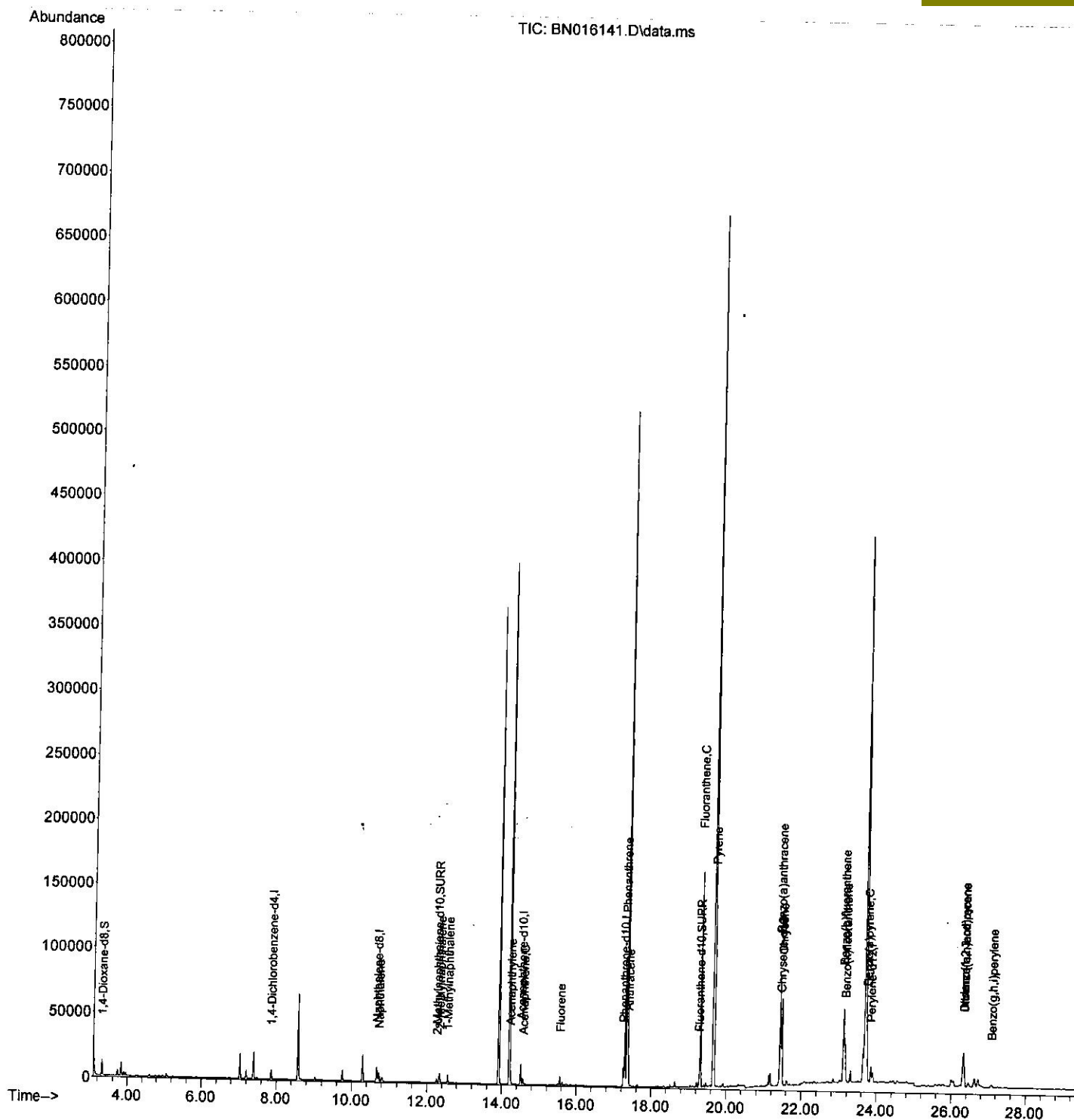
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AR8

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM



Quantitation Report (Qedit)

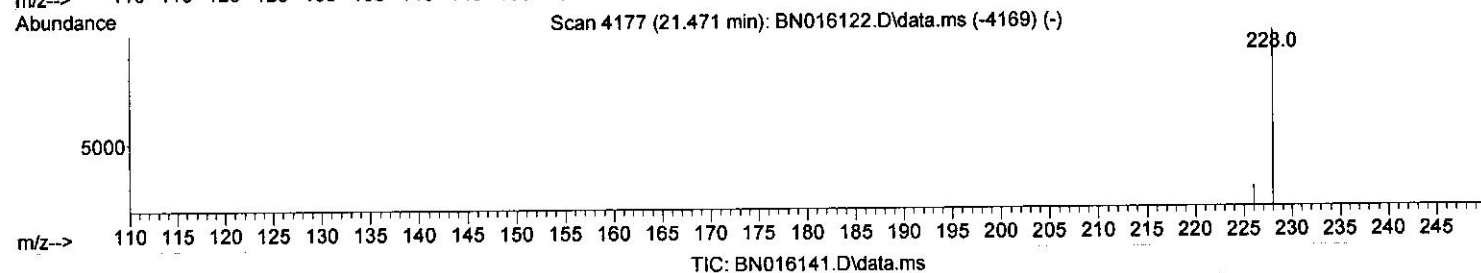
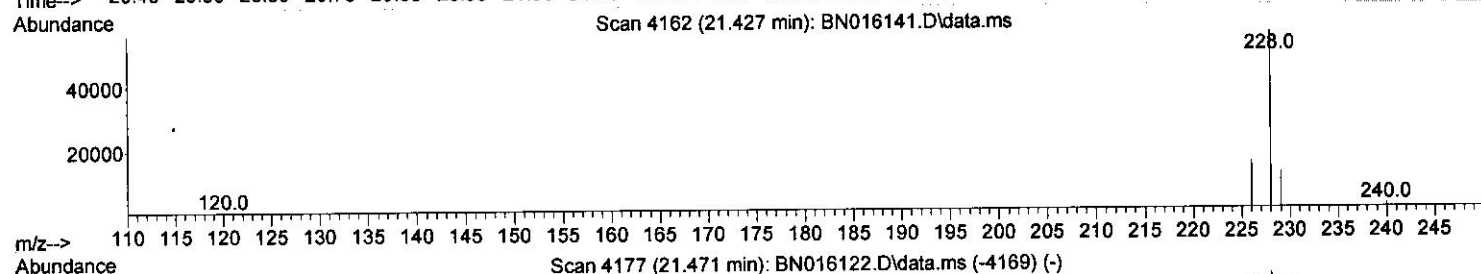
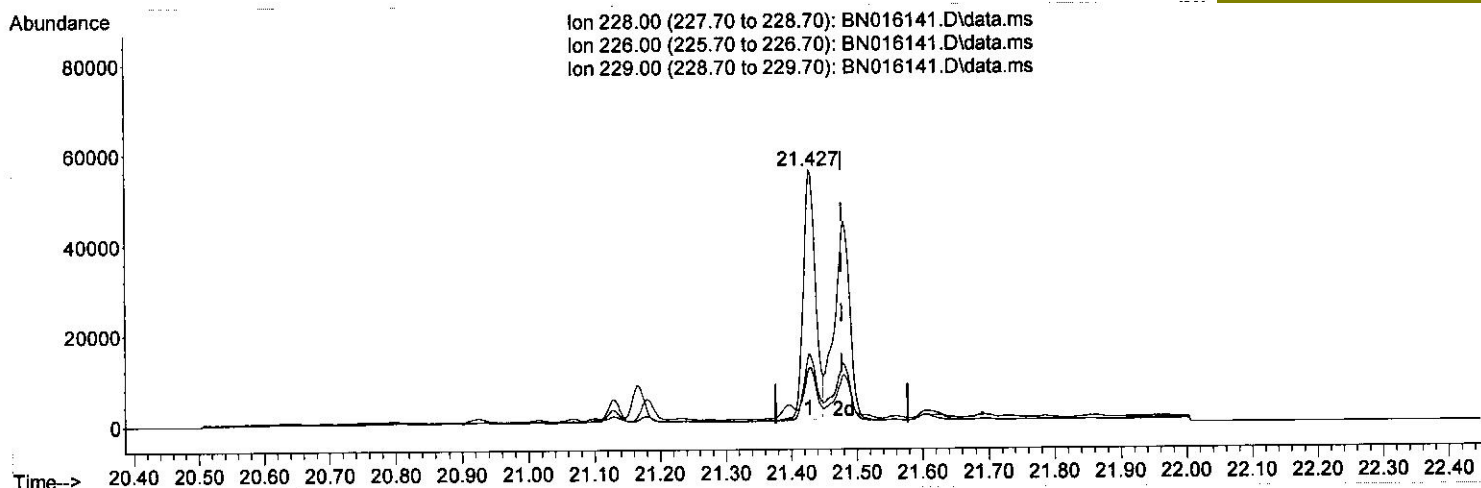
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM



TIC: BN016141.D\data.ms

(22) Chrysene

21.427min (-0.050) 1.17 ng/ul

response 70836

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.00	27.53
229.00	19.50	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

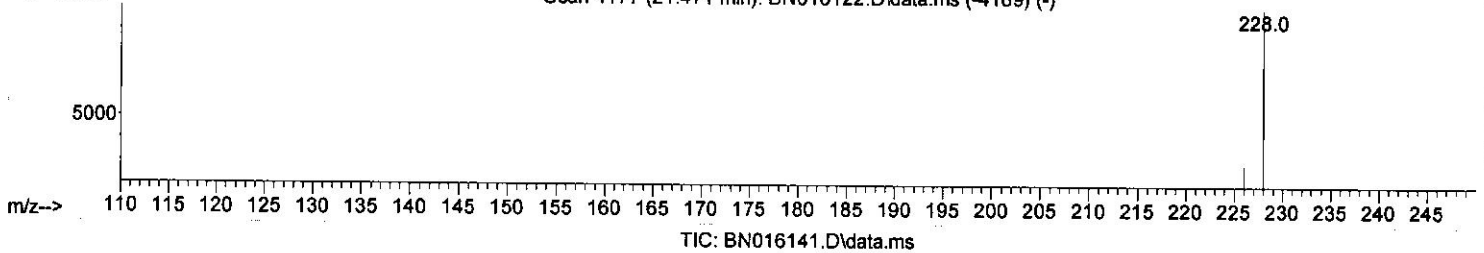
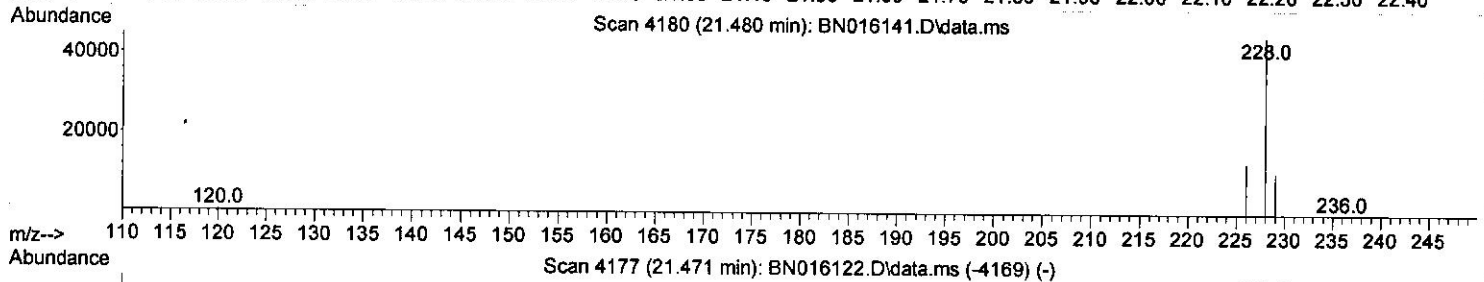
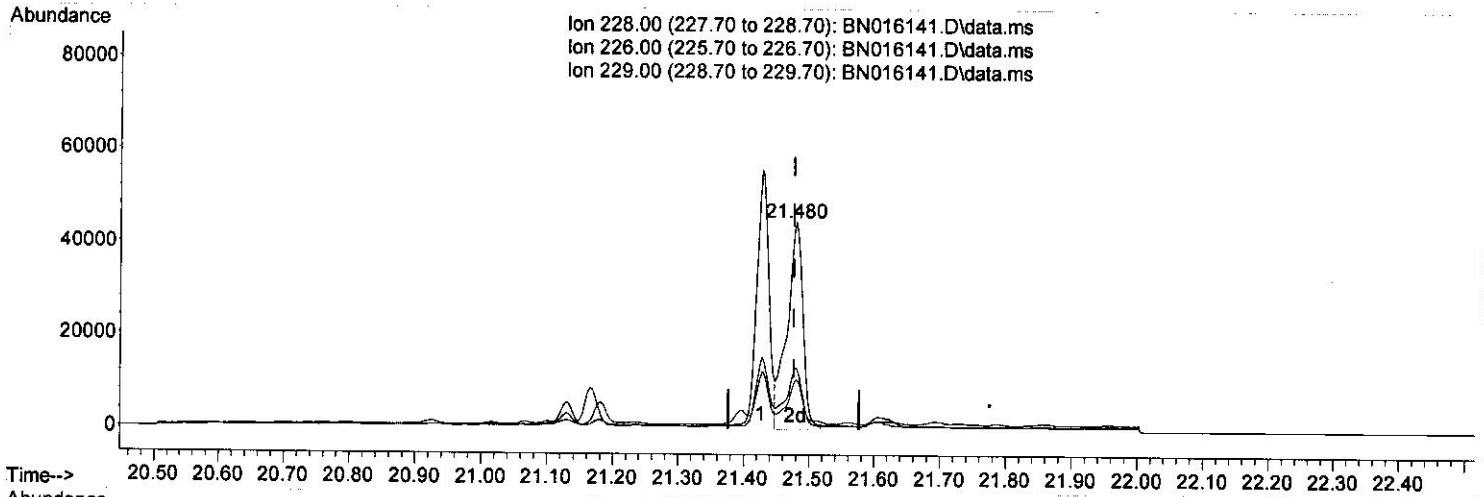
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM



(22) Chrysene

21.480min (+ 0.003) 1.25 ng/u1 m } 50 9/3/21

response 75372

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.00	29.62
229.00	19.50	23.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

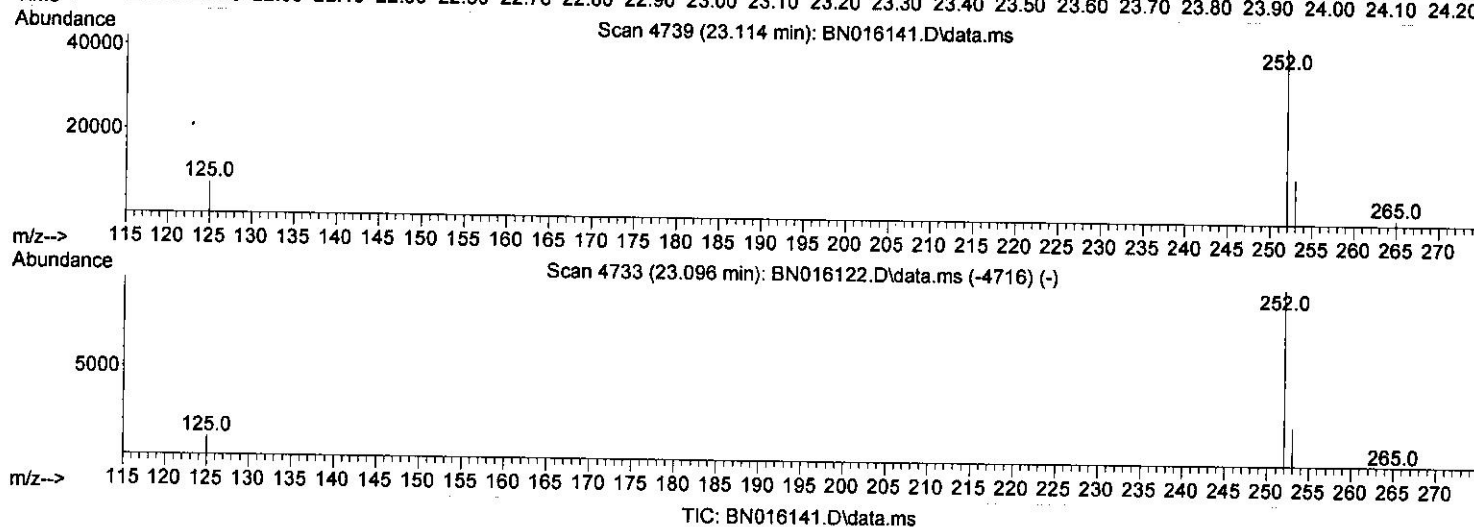
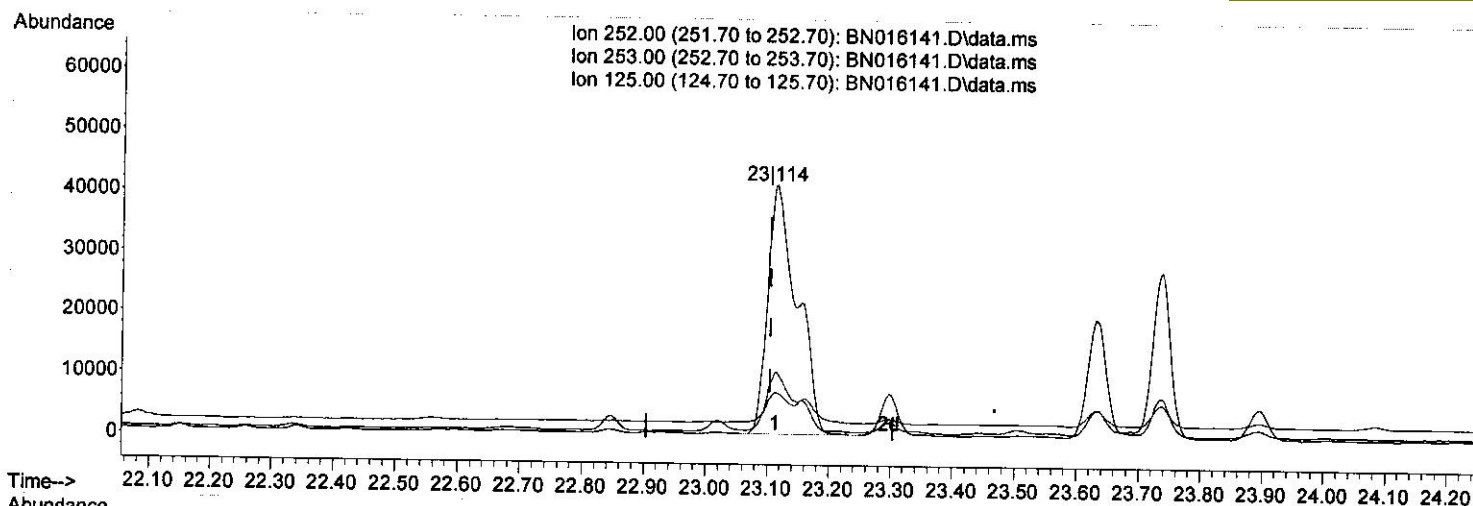
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.114min (+ 0.009) 2.12 ng/ul

response 135922

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	26.21
125.00	13.50	18.25
0.00	0.00	0.00

Quantitation Report (Qedit)

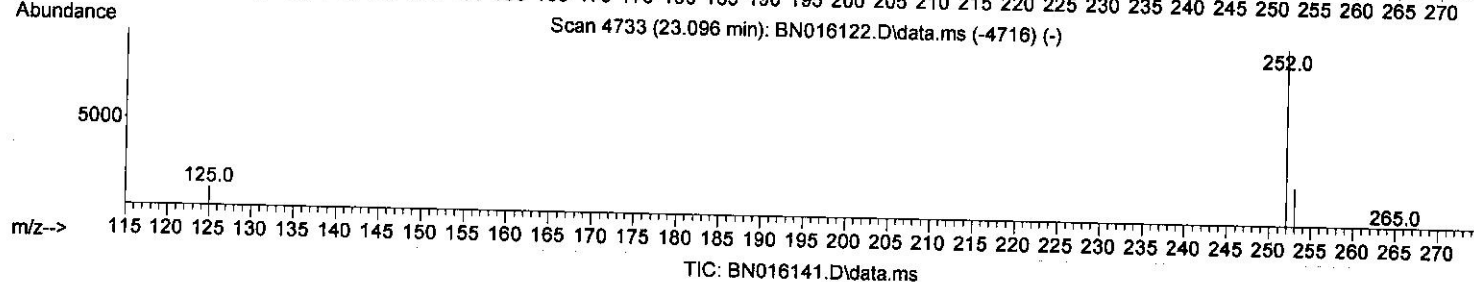
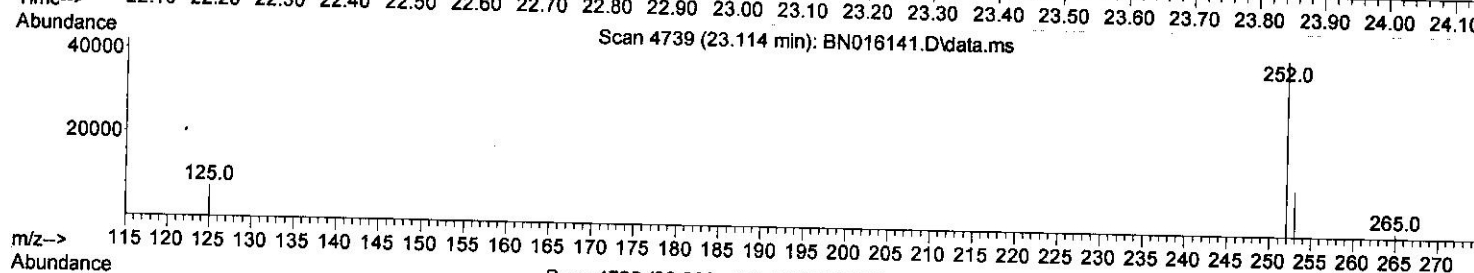
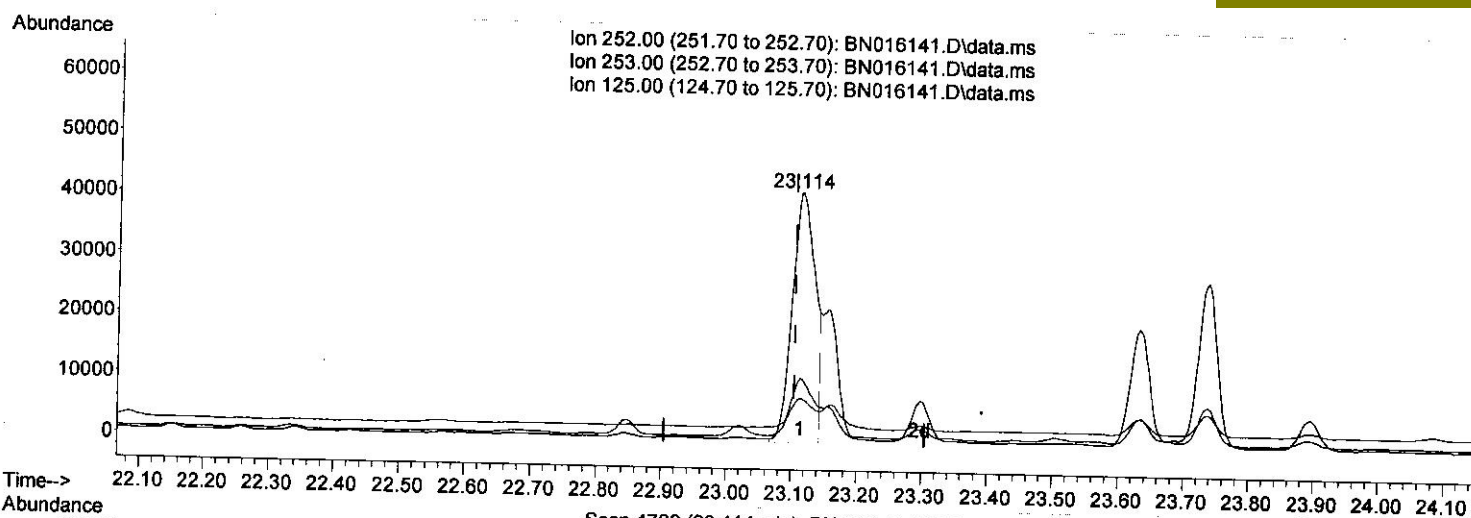
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

23.114min (+ 0.009) 1.58 ng/ul m 350 913121

response 101341

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	26.21
125.00	13.50	18.25
0.00	0.00	0.00

Quantitation Report (Qedit)

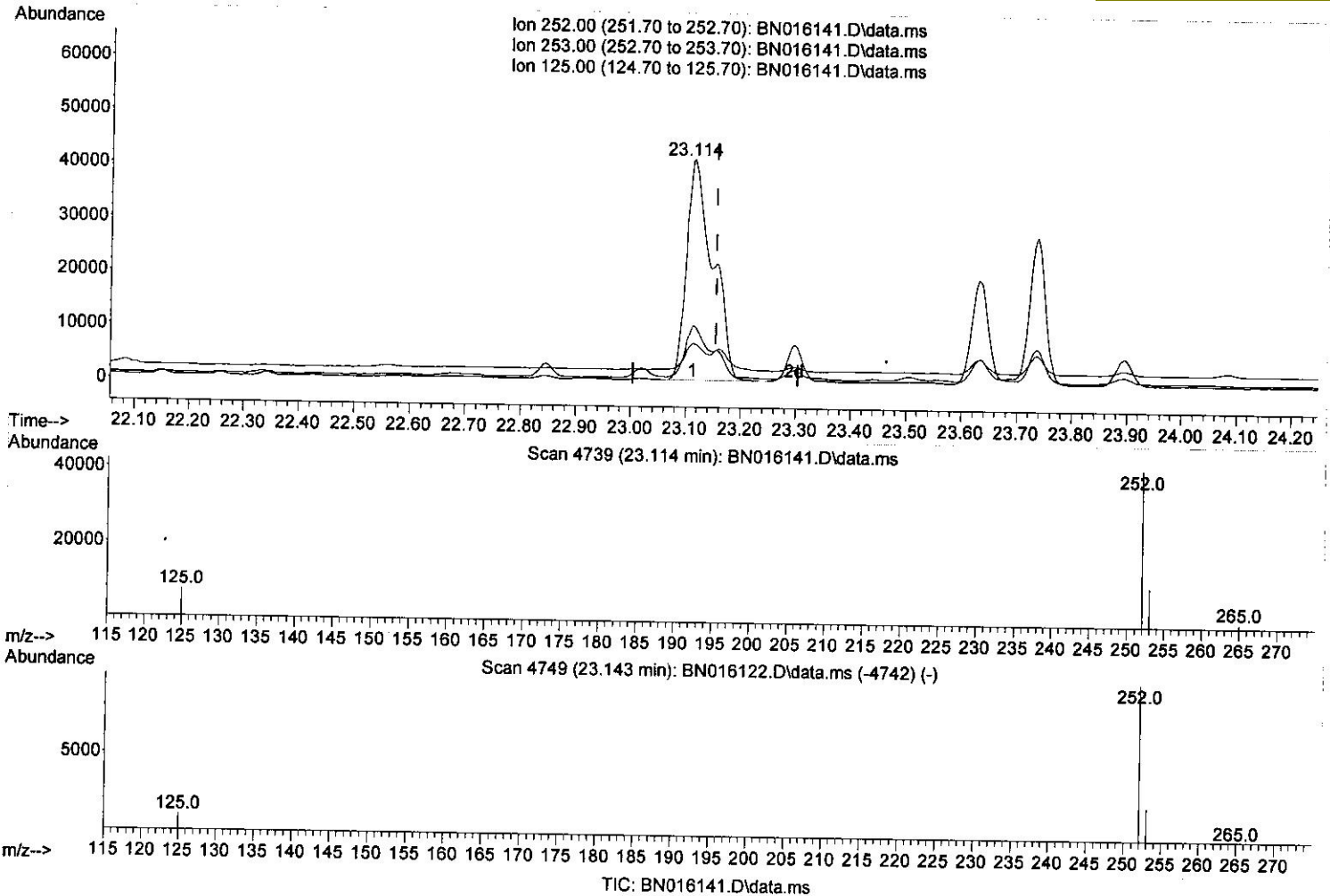
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM



(25) Benzo(k)fluoranthene

23.114min (-0.041) 2.10 ng/ul

response 135922

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	26.21
125.00	13.60	18.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

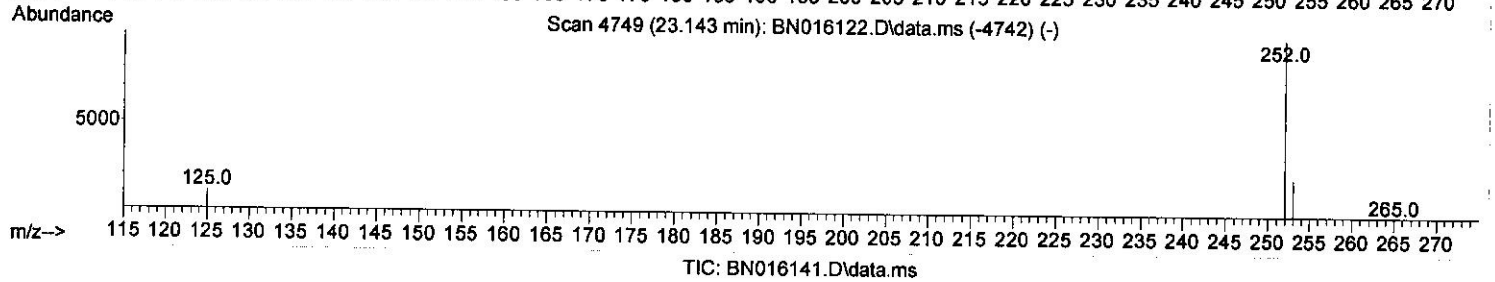
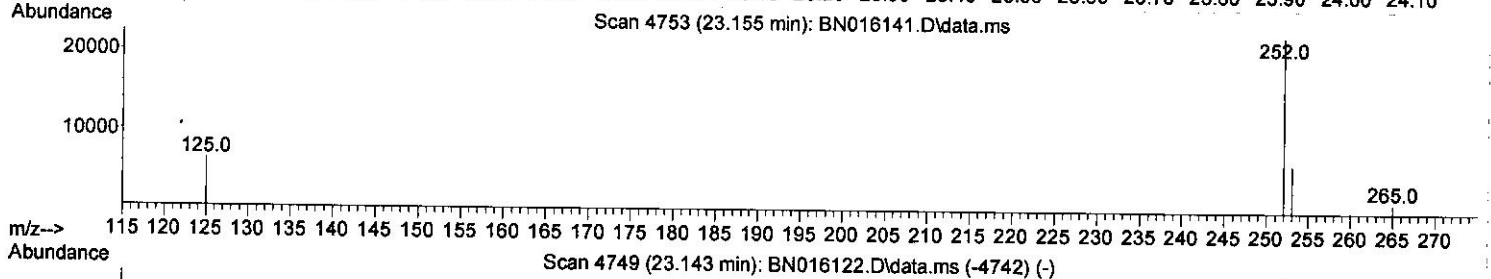
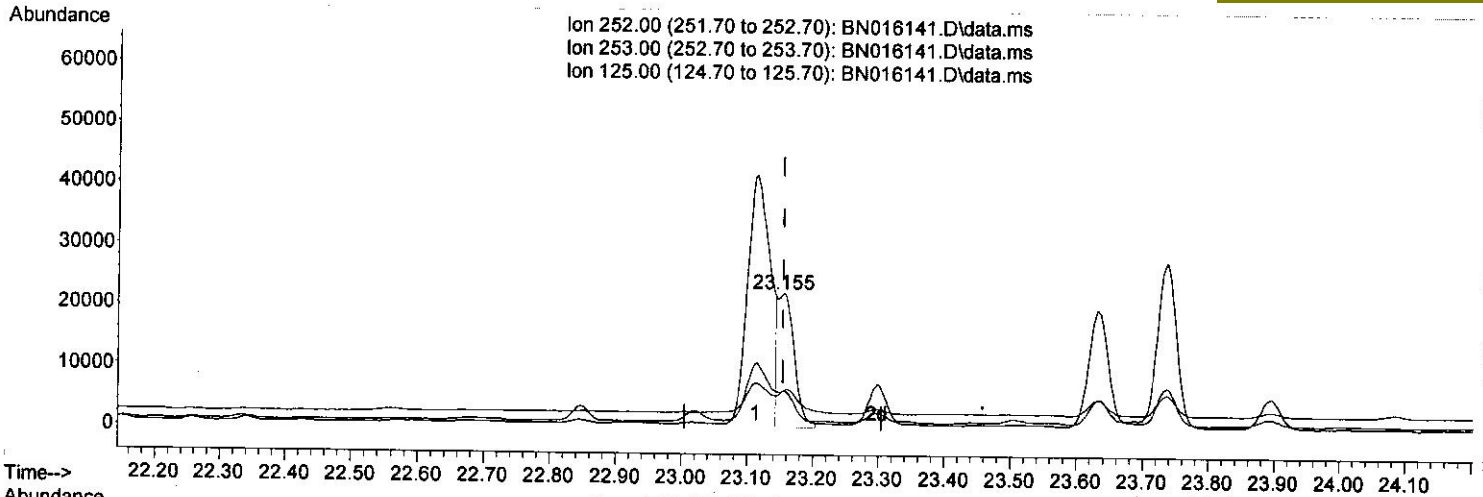
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM



(25) Benzo(k)fluoranthene

23.155min (-0.000) 0.60 ng/ui m) 20 9/3/21

response 38755

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	28.12
125.00	13.60	28.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
 Data File : BN016141.D
 Acq On : 02 Sep 2021 17:31
 Operator : CG/JU
 Sample : M3458-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AR8

Manual Integrations
 APPROVED

mohammad
 9/3/2021 8:19:52 AM

Quant Time: Sep 02 18:00:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 02 13:32:21 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.867	152	3698	0.400 ng/ul	0.00
4) Naphthalene-d8	10.666	136	15439	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.506	164	9166	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.255	188	18356	0.400 ng/ul	0.00
17) Chrysene-d12	21.445	240	17475	0.400 ng/ul	# 0.00
23) Perylene-d12	23.845	264	17069	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.315	96	8517	1.979 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	3540	0.163 ng/ul	0.00
18) Fluoranthene-d10	19.285	212	8844	0.189 ng/ul	0.00
Target Compounds					
5) Naphthalene	10.716	128	9486	0.231 ng/ul	Qvalue 98
7) 2-Methylnaphthalene	12.333	142	5486	0.205 ng/ul	99
8) 1-Methylnaphthalene	12.553	142	4719	0.176 ng/ul	98
10) Acenaphthylene	14.228	152	6333	0.183 ng/ul	96
11) Acenaphthene	14.571	153	2650	0.091 ng/ul	95
12) Fluorene	15.556	166	4370	0.132 ng/ul	98
15) Phenanthrene	17.297	178	108220	2.046 ng/ul	98
16) Anthracene	17.385	178	23424	0.513 ng/ul	99
19) Fluoranthene	19.318	202	150631	2.588 ng/ul	97
20) Pyrene	19.680	202	114798	1.947 ng/ul#	93
21) Benzo(a)anthracene	21.427	228	73166	1.369 ng/ul	96
22) Chrysene	21.480	228	75372m	1.248 ng/ul	} 30 9/3/21
24) Benzo(b)fluoranthene	23.114	252	101341m	1.578 ng/ul	
25) Benzo(k)fluoranthene	23.155	252	38755m	0.600 ng/ul	
26) Benzo(a)pyrene	23.736	252	55899	1.026 ng/ul#	
27) Indeno(1,2,3-cd)pyrene	26.323	276	45696	0.649 ng/ul#	90
28) Dibenzo(a,h)anthracene	26.337	278	14929	0.257 ng/ul#	65
29) Benzo(g,h,i)perylene	27.091	276	6155	0.101 ng/ul#	49

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