Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092723\
Data File : BM042090.D
Acq On : 27 Sep 2023 19:00
Operator : MA/JU
Sample : 04450-15
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 28 01:03:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BBBN0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3718	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.757	136	8437m	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.587	164	5516m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.341	188	11359	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.518	240	6632	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	7086	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.360	96	46189m	9.117	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.341	152	5452	0.516	ng/ul	-0.01
18) Fluoranthene-d10	19.362	212	10857	0.398	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	1063	0.199	ng/ul#	54
5) Naphthalene	10.807	128	19764	0.699	ng/ul	98
7) 2-Methylnaphthalene	12.412	142	1575	0.093	ng/ul	93
8) 1-Methylnaphthalene	12.632	142	1253	0.073	ng/ul	94
14) Pentachlorophenol	16.970	266	5099	0.849	ng/ul	99

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

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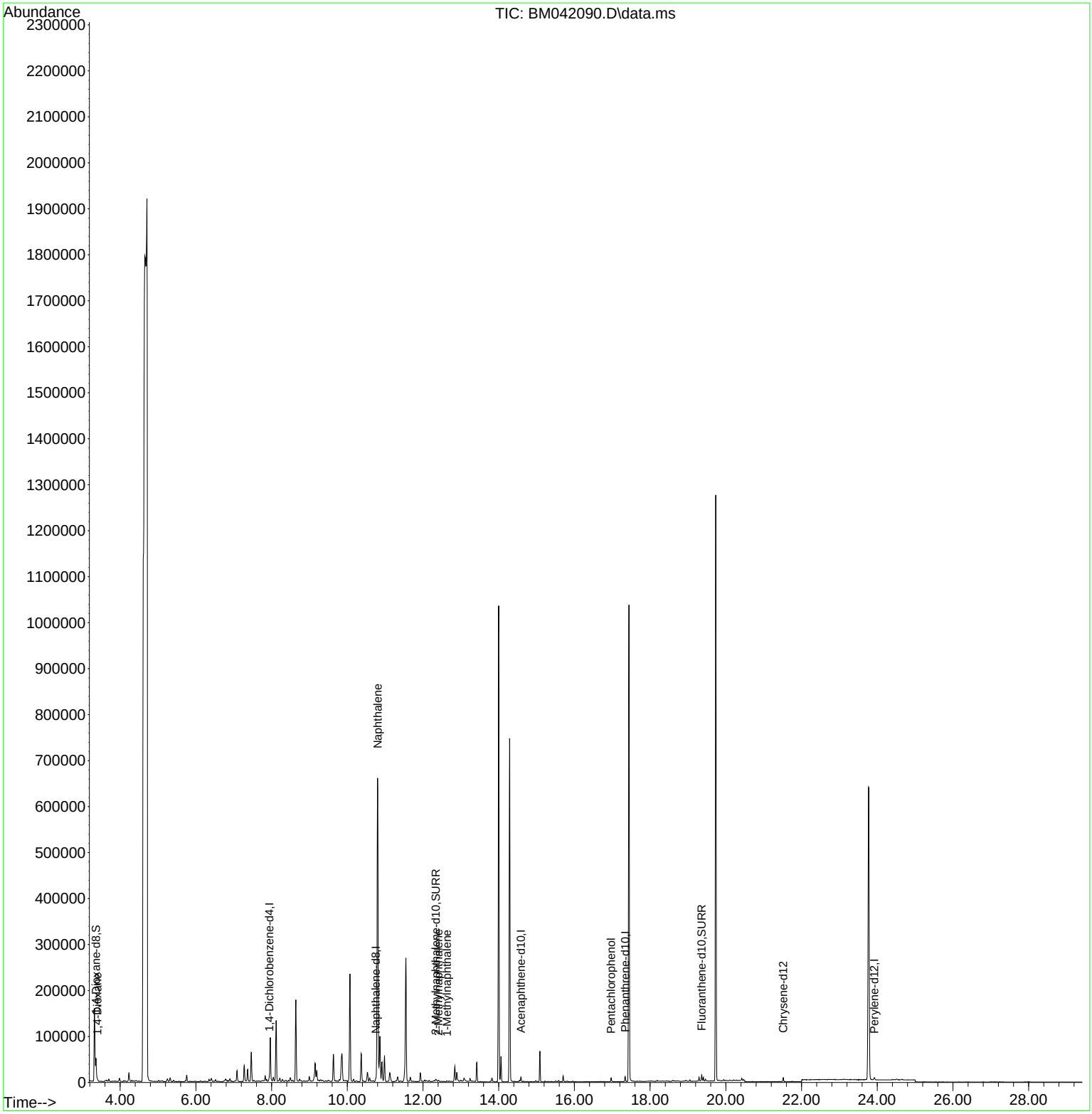

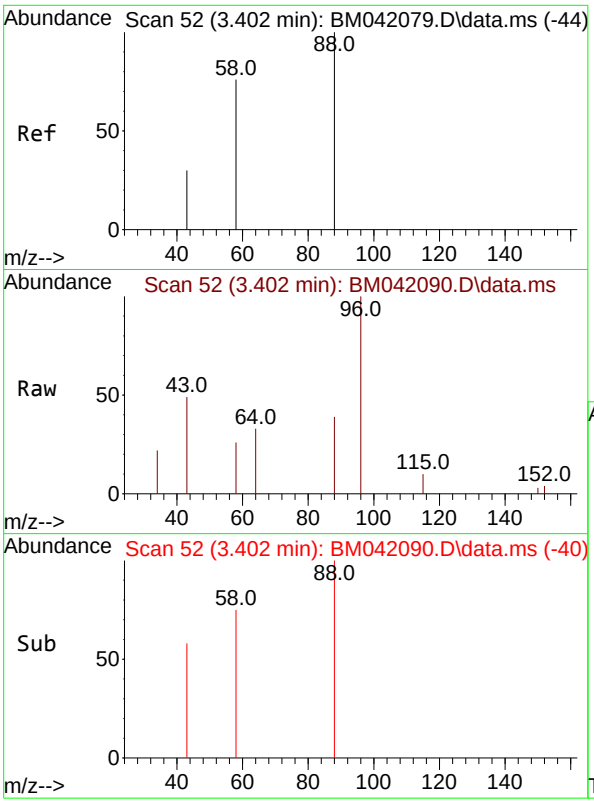

#2
1,4-Dioxane
Concen: 0.199 ng/ul
RT: 3.402 min Scan# 5
Delta R.T. -0.008 min
Lab File: BM042090.D
Acq: 27 Sep 2023 19:00

Tgt Ion: 88 Resp: 106

Ion	Ratio	Lower	Upper
88	100		
43	126.5	42.9	64.3#
58	67.6	56.4	84.6

Instrument :
BNA_M
ClientSampleId :
BBBN0

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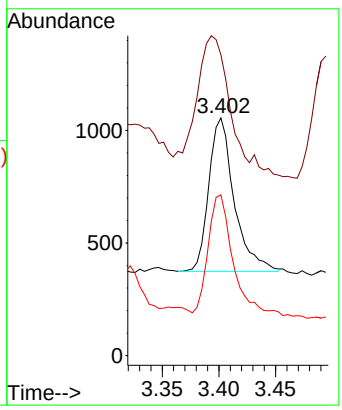
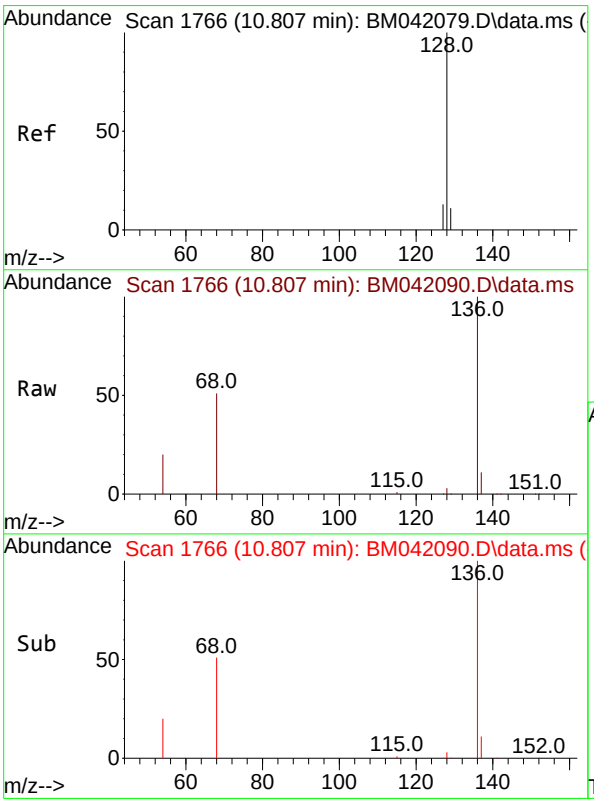
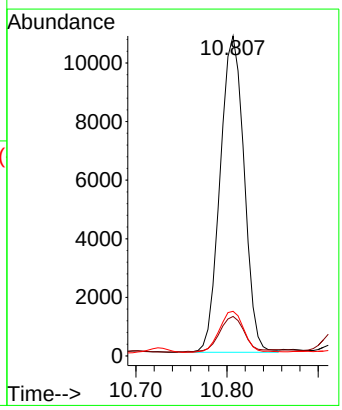


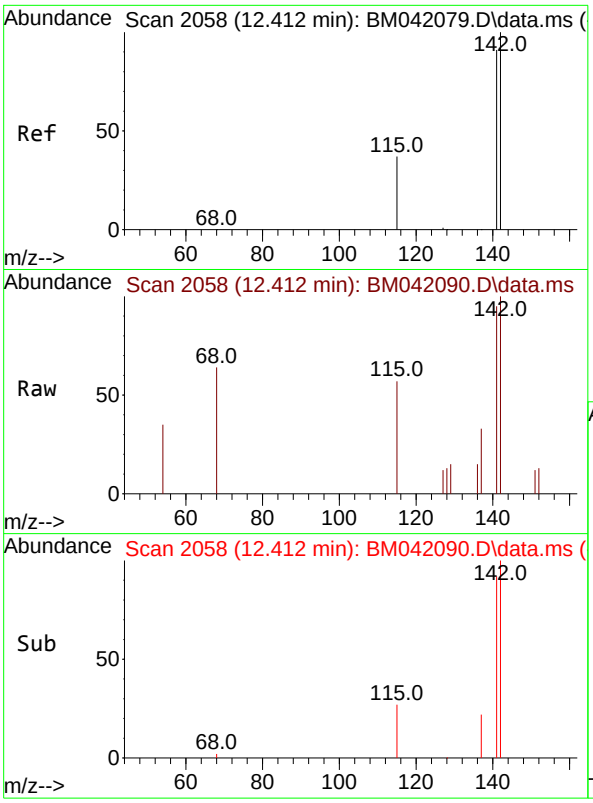


#5
Naphthalene
Concen: 0.699 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BM042090.D
Acq: 27 Sep 2023 19:00

Tgt Ion:128 Resp: 19764

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.2	13.8
127	14.0	10.8	16.2





#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.412 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM042090.D
Acq: 27 Sep 2023 19:00

Tgt Ion:142 Resp: 157

Ion	Ratio	Lower	Upper
142	100		
141	97.1	72.1	108.1

Instrument :
BNA_M
ClientSampleId :
BBBN0

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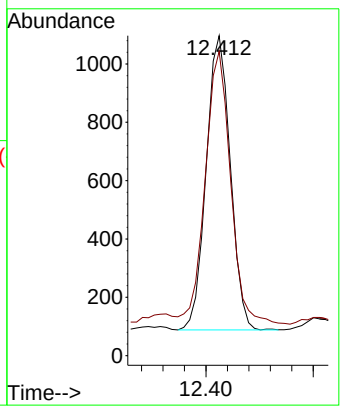
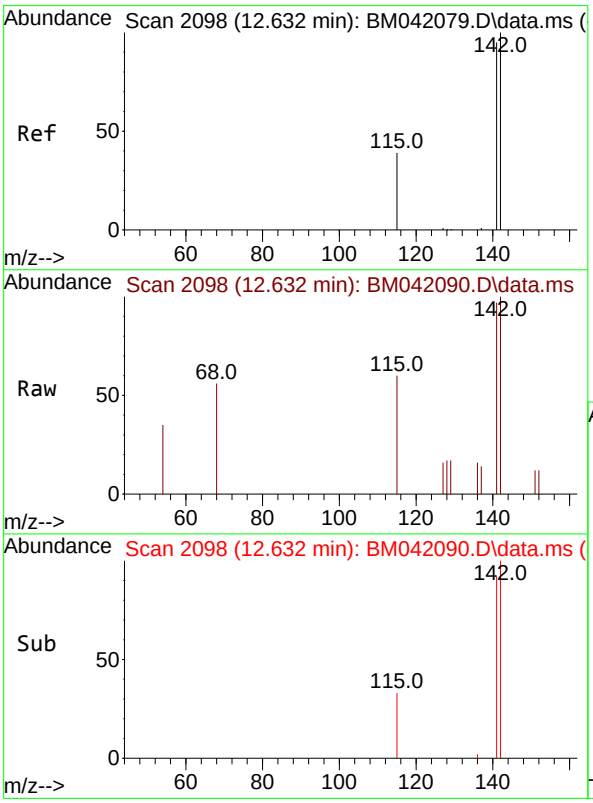
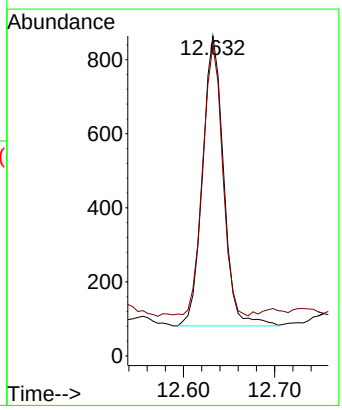


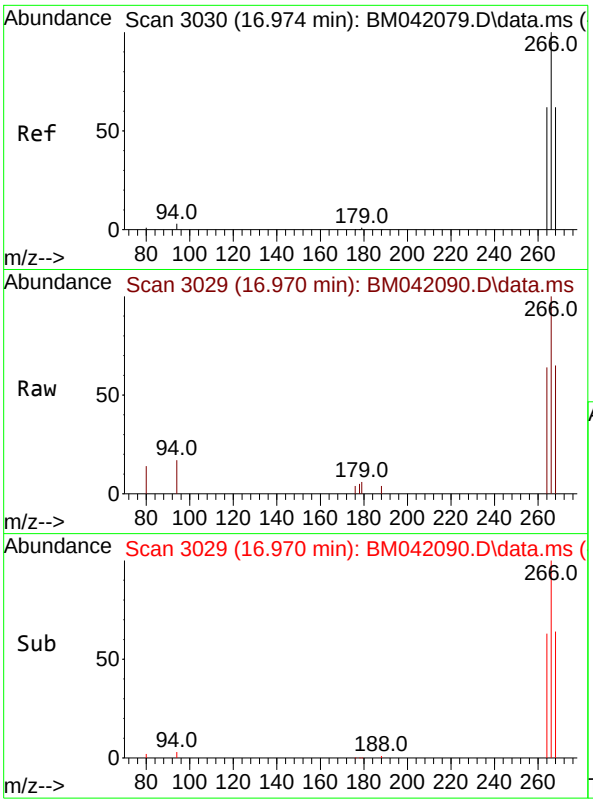


#8
1-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BM042090.D
Acq: 27 Sep 2023 19:00

Tgt Ion:142 Resp: 1253

Ion	Ratio	Lower	Upper
142	100		
141	87.8	75.1	112.7

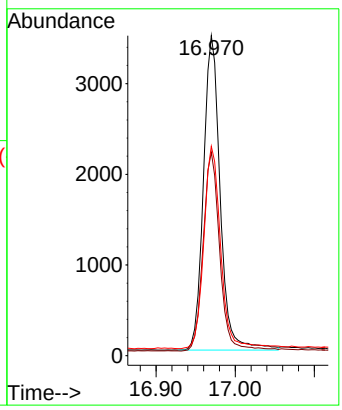




#14
Pentachlorophenol
Concen: 0.849 ng/ul
RT: 16.970 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM042090.D
Acq: 27 Sep 2023 19:00

Tgt Ion:266 Resp: 509

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.4
268	65.1	51.0	76.4



Instrument :
BNA_M
ClientSampleId :
BBBN0

Manual Integrations
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