Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110424\
Data File : BM048456.D
Acq On : 05 Nov 2024 13:34
Operator : RC/JU
Sample : P4625-01DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA0DL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 14:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 05:12:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.708	152	3698	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136	11397	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.343	164	6554	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.089	188	12067	0.400	ng/ul	-0.03
17) Chrysene-d12	21.283	240	10082	0.400	ng/ul	0.00
23) Perylene-d12	23.507	264	8941m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	4958	1.092	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.117	152	726	0.050	ng/ul	-0.02
18) Fluoranthene-d10	19.122	212	2080	0.081	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.545	128	1637	0.055	ng/ul#	80
11) Acenaphthene	14.404	153	22654	1.116	ng/ul	99
12) Fluorene	15.398	166	4298	0.190	ng/ul	98
16) Anthracene	17.228	178	1032	0.037	ng/ul#	63

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
C0AA0DL

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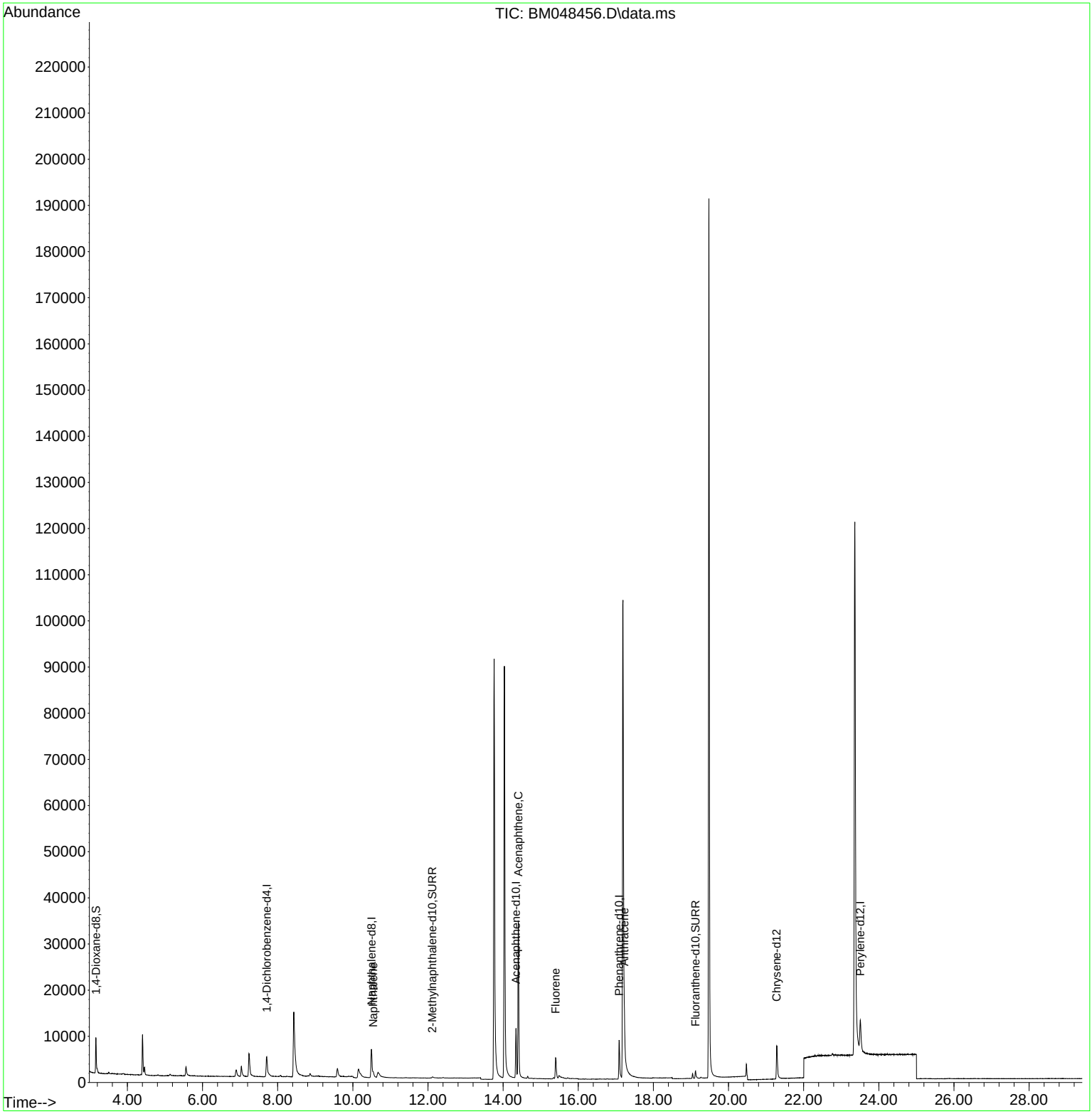
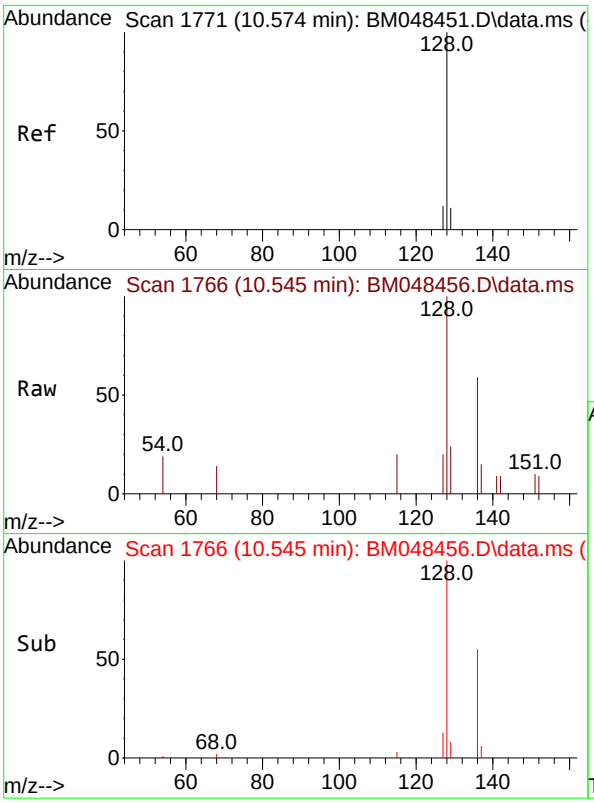
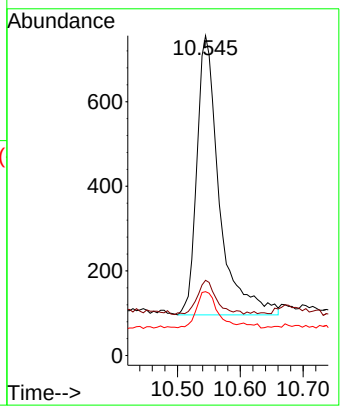




#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.545 min Scan# 1
Delta R.T. -0.034 min
Lab File: BM048456.D
Acq: 05 Nov 2024 13:34

Tgt Ion:128 Resp: 163

Ion	Ratio	Lower	Upper
128	100		
129	23.5	10.6	15.8#
127	20.0	11.4	17.2#



Instrument :
BNA_M
ClientSampleId :
C0AA0DL

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/05/2024
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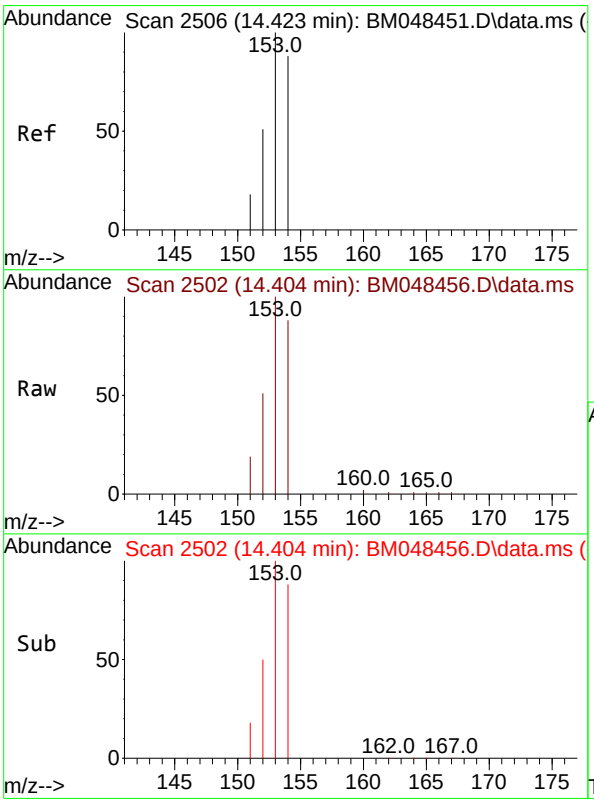
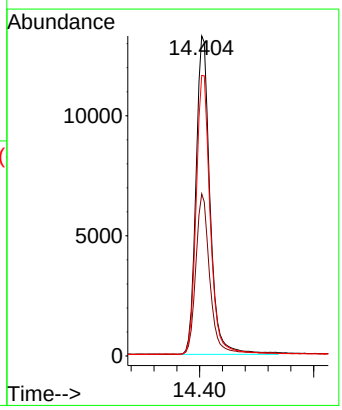
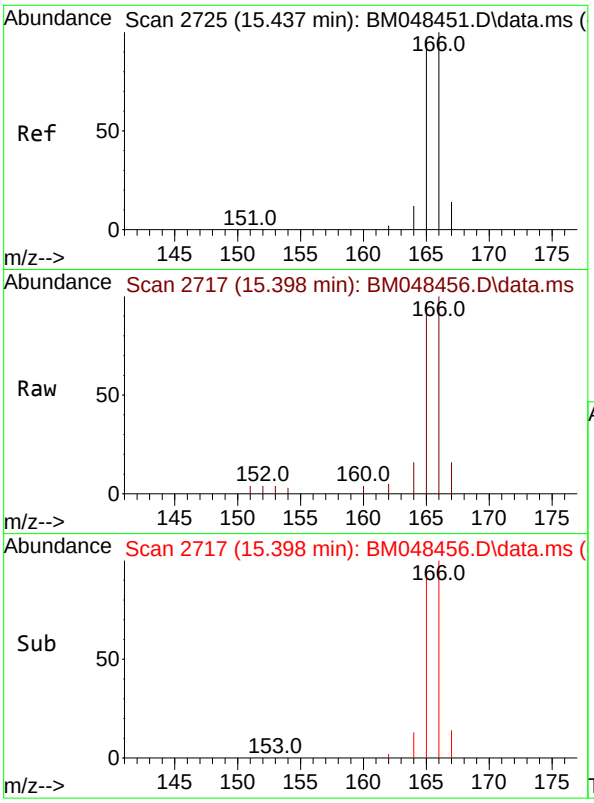


#11
Acenaphthene
Concen: 1.116 ng/ul
RT: 14.404 min Scan# 2502
Delta R.T. -0.025 min
Lab File: BM048456.D
Acq: 05 Nov 2024 13:34

Tgt Ion:153 Resp: 22654

Ion	Ratio	Lower	Upper
153	100		
152	50.6	40.7	61.1
154	87.7	70.6	106.0

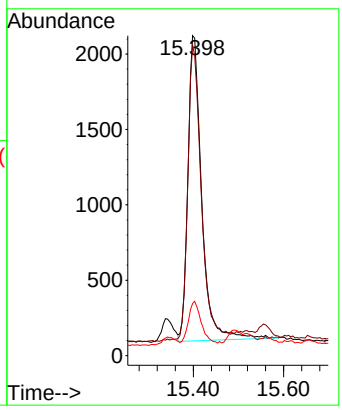




#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.398 min Scan# 2
Delta R.T. -0.034 min
Lab File: BM048456.D
Acq: 05 Nov 2024 13:34

Tgt Ion:166 Resp: 429

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.6	118.0
167	16.3	12.1	18.1



Instrument :
BNA_M
ClientSampleId :
C0AA0DL

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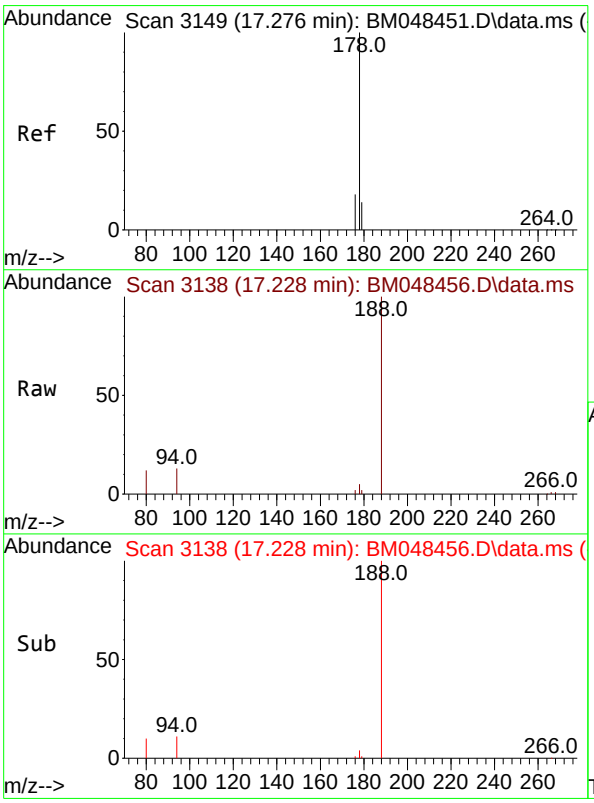

#16
Anthracene
Concen: 0.037 ng/ul
RT: 17.228 min Scan# 3138
Delta R.T. -0.031 min
Lab File: BM048456.D
Acq: 05 Nov 2024 13:34

Tgt Ion:178 Resp: 1032

Ion	Ratio	Lower	Upper
178	100		
179	37.9	14.2	21.2#
176	33.3	15.8	23.6#