Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
Data File : BM049161.D
Acq On : 24 Dec 2024 00:30
Operator : RC/JU
Sample : P5333-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 24 01:15:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E2910

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	6097	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	18592	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.187	164	10837	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.938	188	24195m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.140	240	20208m	0.400	ng/ul	0.00
23) Perylene-d12	23.294	264	19201m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	39498	5.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	8842	0.354	ng/ul	-0.02
18) Fluoranthene-d10	18.974	212	19355	0.338	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.364	128	1075	0.023	ng/ul#	30
7) 2-Methylnaphthalene	11.981	142	1935	0.066	ng/ul	97
8) 1-Methylnaphthalene	12.207	142	1899	0.063	ng/ul	96
15) Phenanthrene	16.976	178	3601m	0.057	ng/ul	
29) Benzo(g,h,i)perylene	26.077	276	2459	0.037	ng/ul#	73

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

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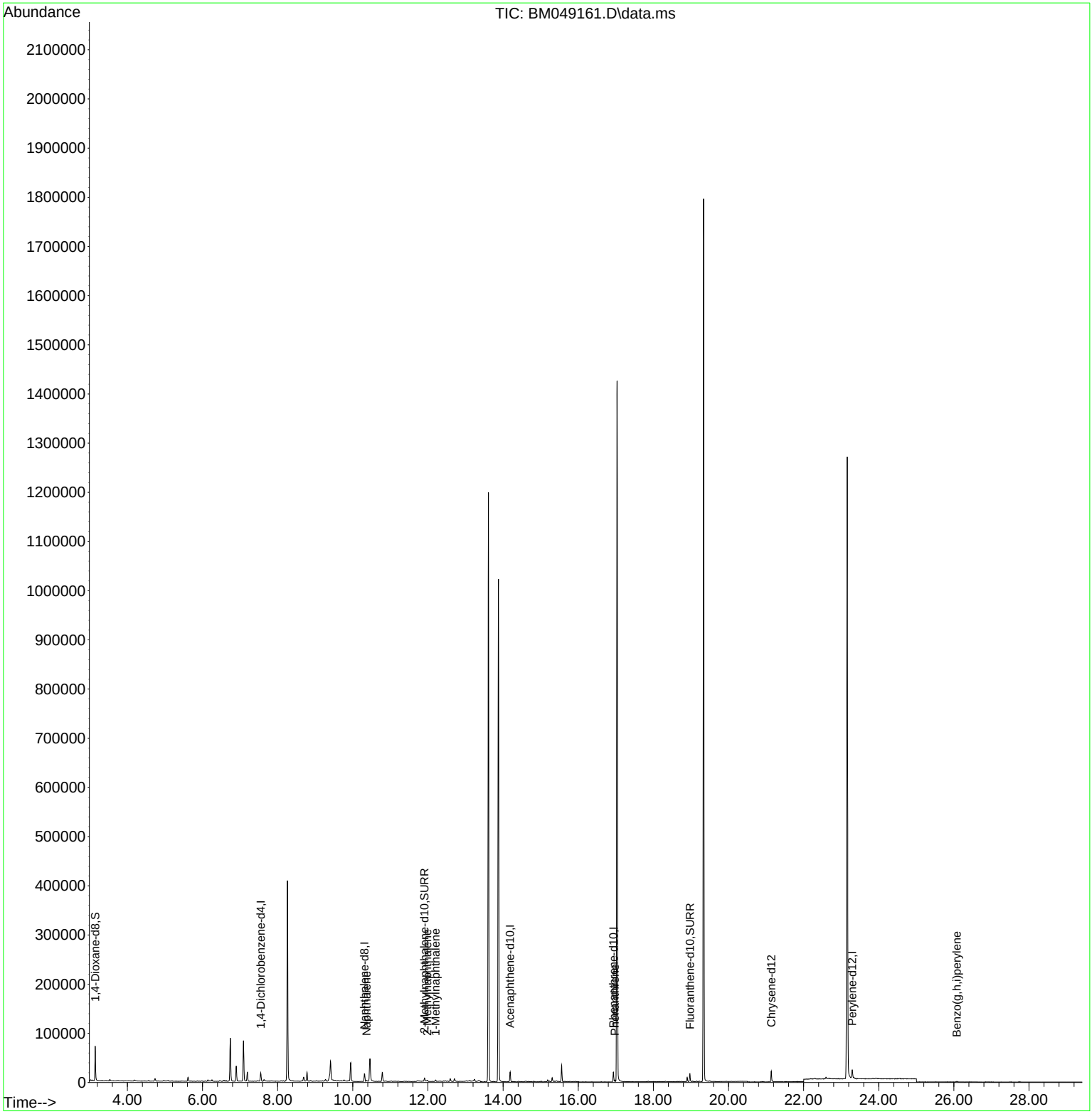

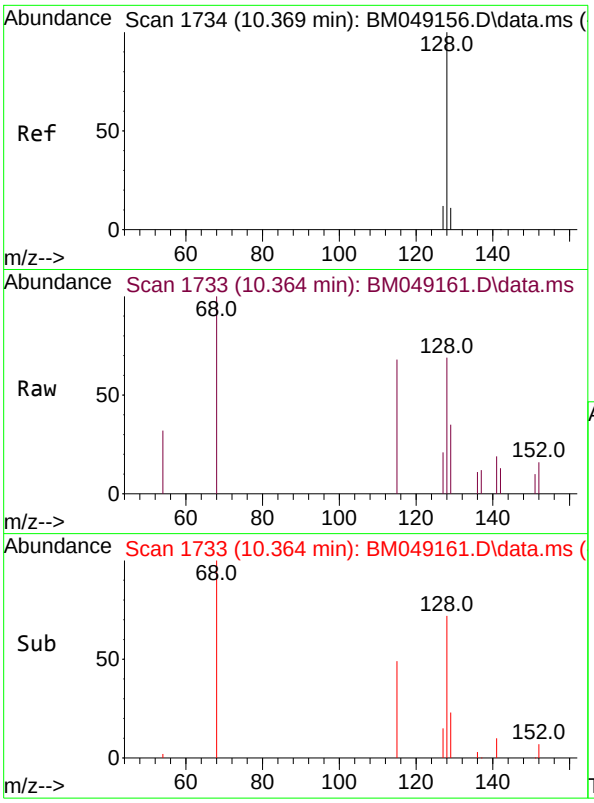

#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.364 min Scan# 1
Delta R.T. -0.015 min
Lab File: BM049161.D
Acq: 24 Dec 2024 00:30

Tgt Ion:128 Resp: 107

Ion	Ratio	Lower	Upper
128	100		
129	51.4	9.7	14.5#
127	30.1	10.6	16.0#

Instrument :
BNA_M
ClientSampleId :
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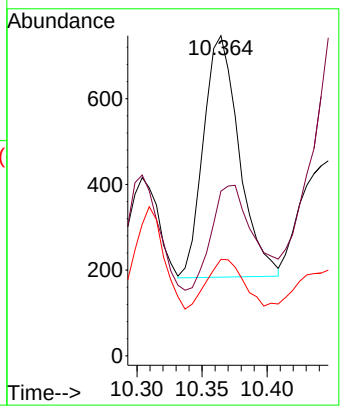
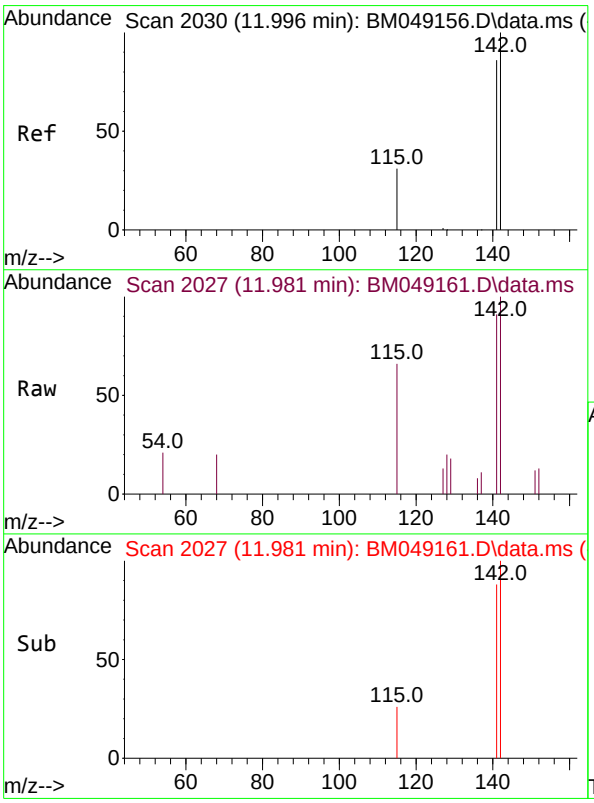
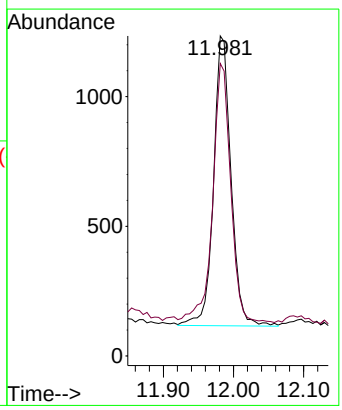


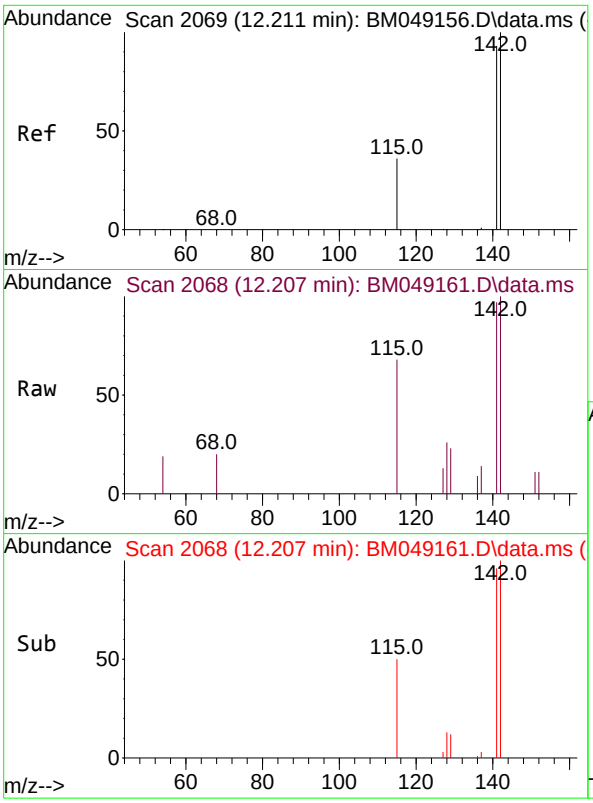


#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.021 min
Lab File: BM049161.D
Acq: 24 Dec 2024 00:30

Tgt Ion:142 Resp: 1935

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.7	107.5





#8
1-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.207 min Scan# 2
Delta R.T. -0.015 min
Lab File: BM049161.D
Acq: 24 Dec 2024 00:30

Tgt Ion:142 Resp: 189

Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.7	109.1

Instrument :
BNA_M
ClientSampleId :
E2910

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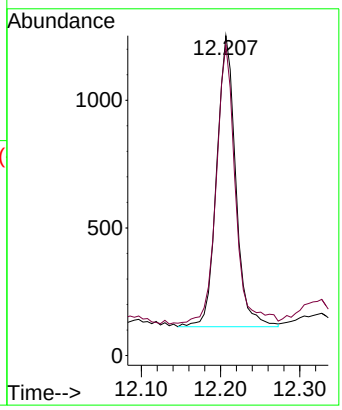
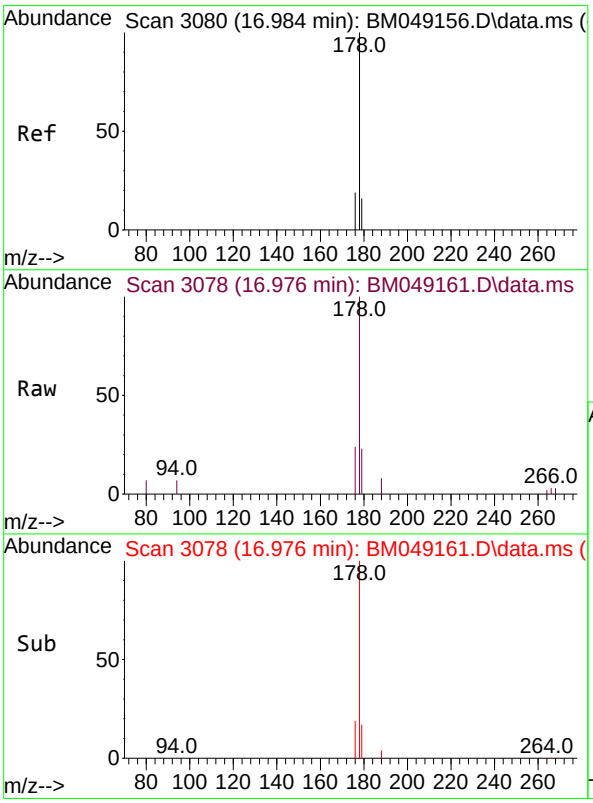
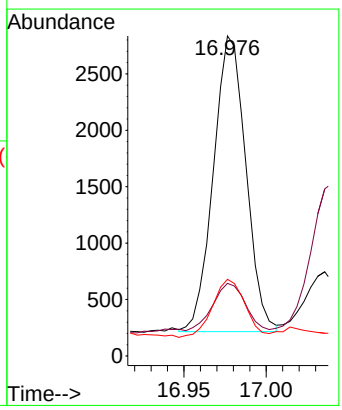


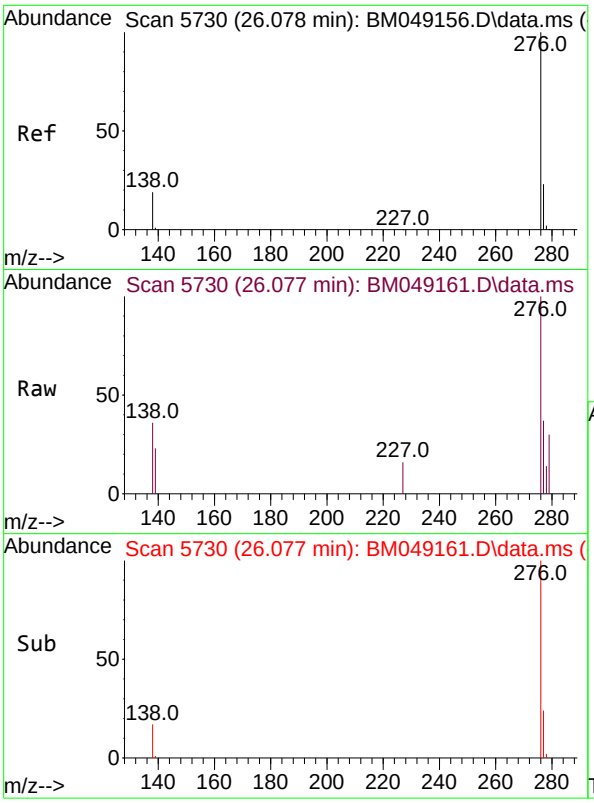


#15
Phenanthrene
Concen: 0.057 ng/ul m
RT: 16.976 min Scan# 3078
Delta R.T. -0.016 min
Lab File: BM049161.D
Acq: 24 Dec 2024 00:30

Tgt Ion:178 Resp: 3601

Ion	Ratio	Lower	Upper
178	100		
179	22.7	13.0	19.4#
176	24.0	16.2	24.2

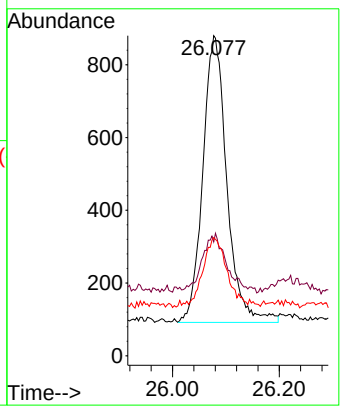




#29
Benzo(g,h,i)perylene
Concen: 0.037 ng/ul
RT: 26.077 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM049161.D
Acq: 24 Dec 2024 00:30

Tgt Ion:276 Resp: 245

Ion	Ratio	Lower	Upper
276	100		
138	35.6	16.7	25.1#
277	36.9	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
E2910

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