

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049213.D
 Acq On : 25 Dec 2024 09:07
 Operator : RC/JU
 Sample : P5302-02
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2AR1

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 21:52:28 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	7521	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.310	136	23775	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.183	164	13329	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.934	188	29237m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.137	240	24900m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	25059m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	30544	3.521	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	7444	0.233	ng/ul	-0.02
18) Fluoranthene-d10	18.970	212	15522	0.220	ng/ul	-0.01
Target Compounds						Qvalue
19) Fluoranthene	19.002	202	4822	0.054	ng/ul#	87
20) Pyrene	19.365	202	3592	0.037	ng/ul#	82
21) Benzo(a)anthracene	21.122	228	2474	0.029	ng/ul#	74
22) Chrysene	21.175	228	3150	0.034	ng/ul#	80
24) Benzo(b)fluoranthene	22.651	252	1965m	0.025	ng/ul	

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

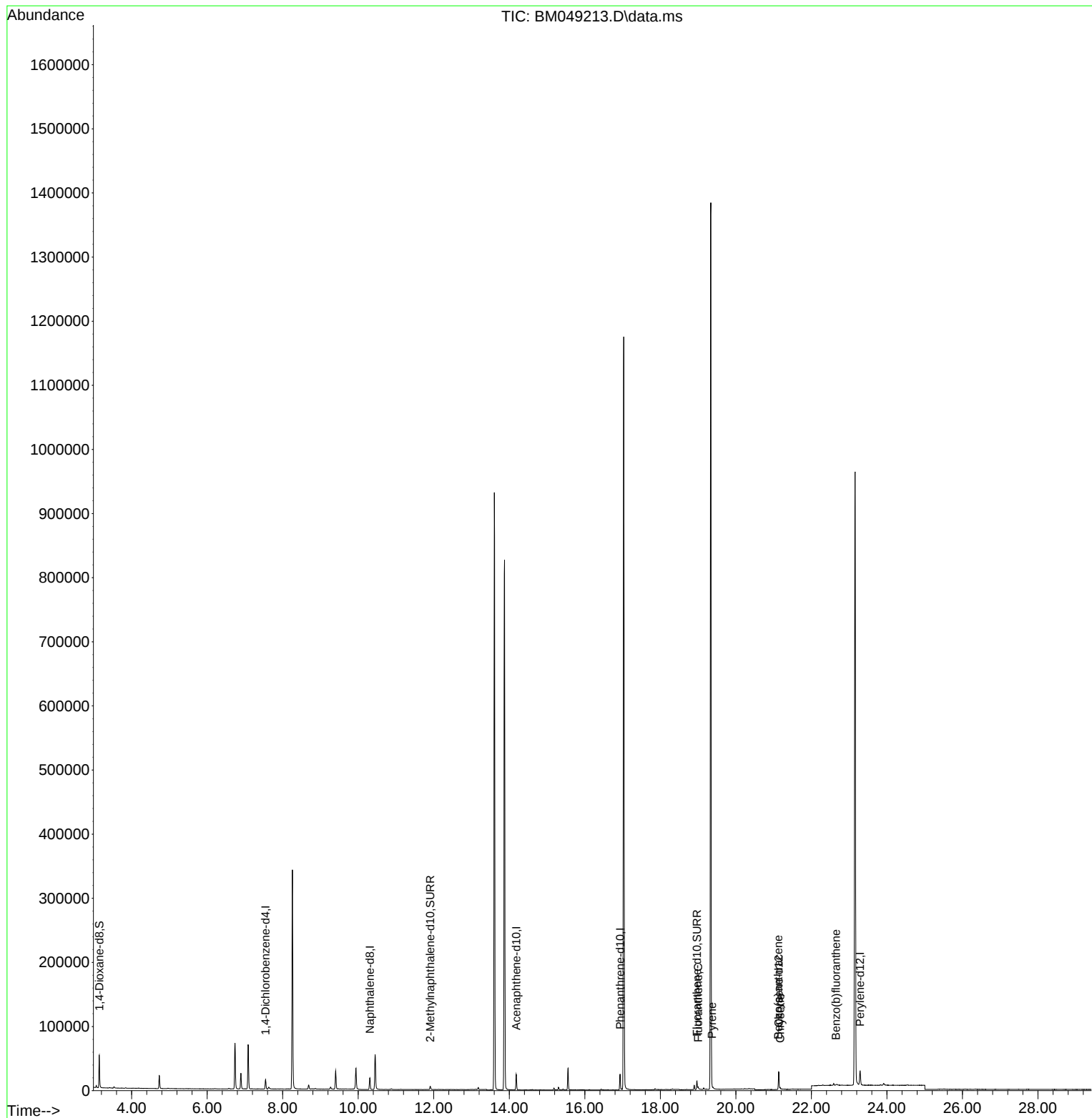
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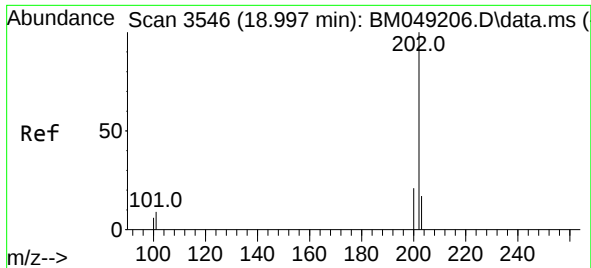
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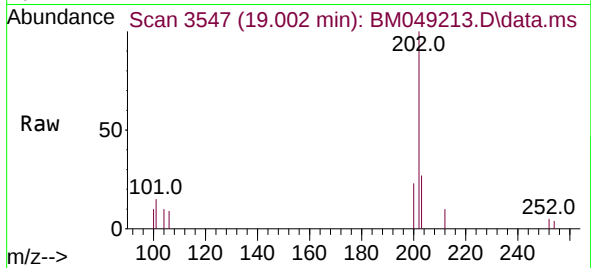
Quant Time: Dec 25 21:52:28 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#19
Fluoranthene
Concen: 0.054 ng/u1
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049213.D
Acq: 25 Dec 2024 09:07

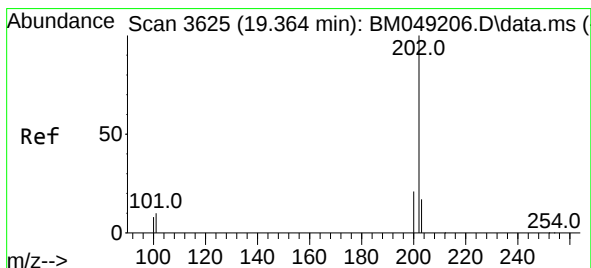
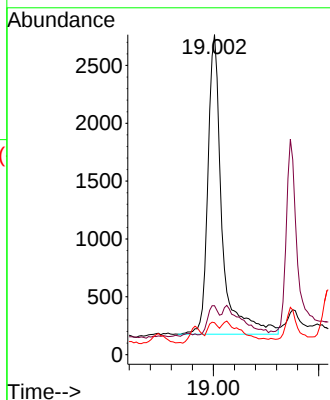
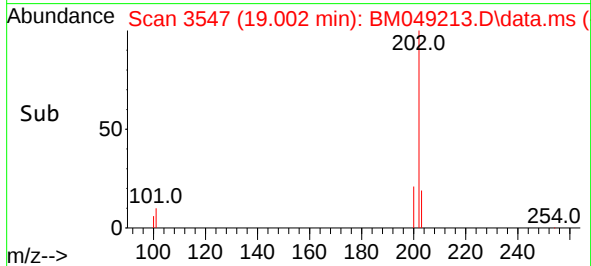
Instrument :
BNA_M
ClientSampleId :
E2AR1



Tgt Ion:202 Resp: 482
Ion Ratio Lower Upper
202 100
101 15.3 7.6 11.4
100 10.0 5.5 8.3

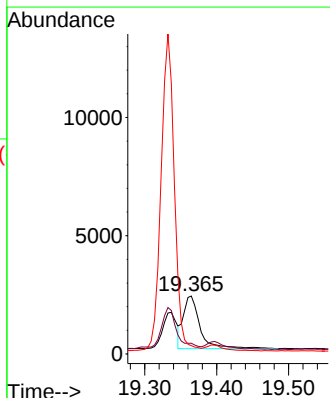
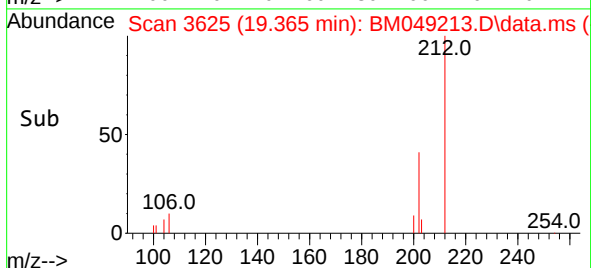
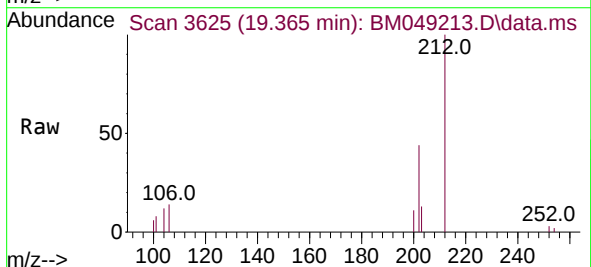
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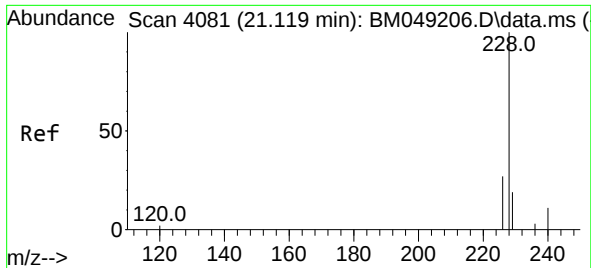
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#20
Pyrene
Concen: 0.037 ng/u1
RT: 19.365 min Scan# 3625
Delta R.T. -0.013 min
Lab File: BM049213.D
Acq: 25 Dec 2024 09:07

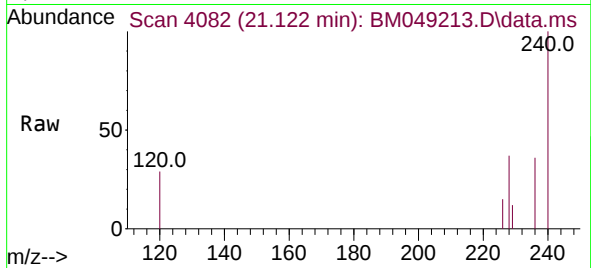
Tgt Ion:202 Resp: 3592
Ion Ratio Lower Upper
202 100
101 18.4 8.9 13.3#
100 14.4 6.9 10.3#





#21
Benzo(a)anthracene
Concen: 0.029 ng/uI
RT: 21.122 min Scan# 4082
Delta R.T. -0.009 min
Lab File: BM049213.D
Acq: 25 Dec 2024 09:07

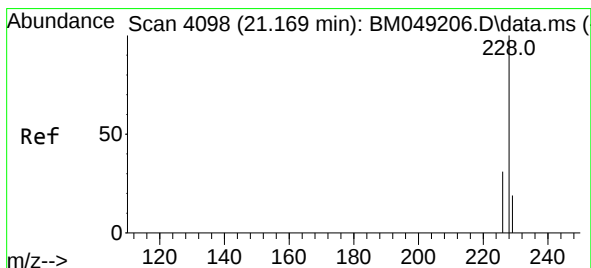
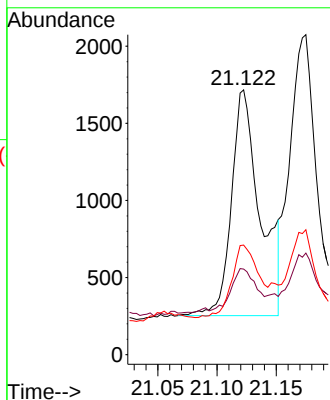
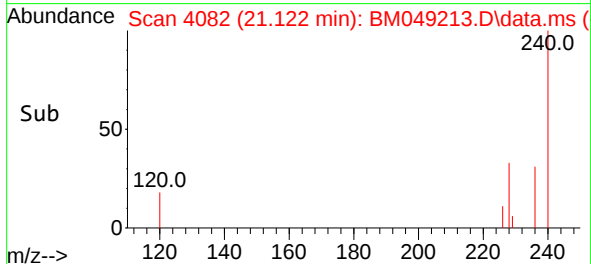
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Tgt Ion:228 Resp: 2474
Ion Ratio Lower Upper
228 100
229 32.3 15.9 23.9#
226 41.4 22.6 34.0#

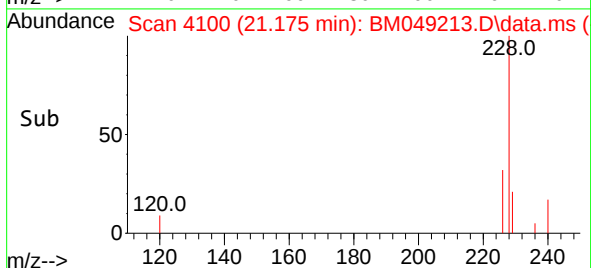
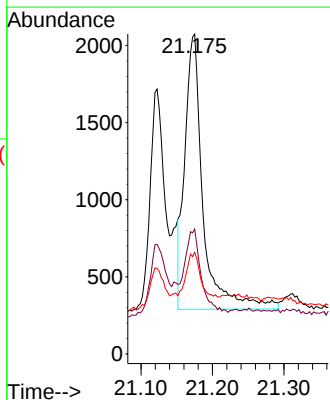
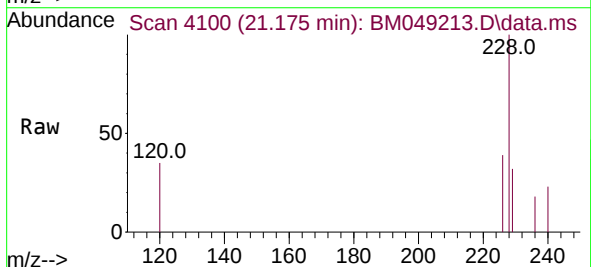
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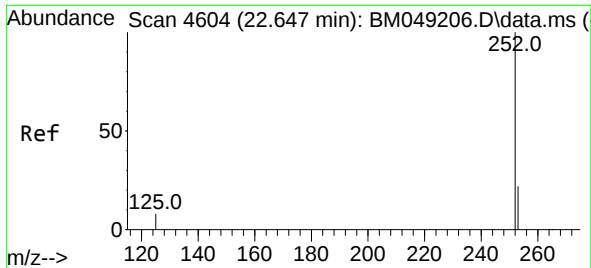
Reviewed By :Yogesh Patel 12/26/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 0.034 ng/uI
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049213.D
Acq: 25 Dec 2024 09:07

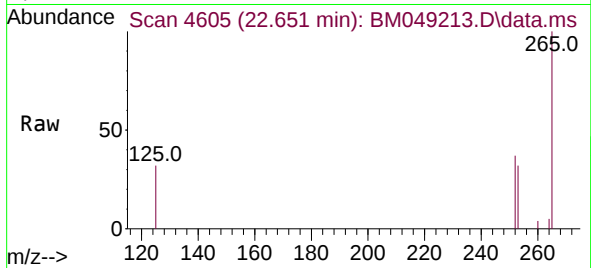
Tgt Ion:228 Resp: 3150
Ion Ratio Lower Upper
228 100
226 39.0 24.1 36.1#
229 31.8 15.8 23.8#





#24
Benzo(b)fluoranthene
Concen: 0.025 ng/ul m
RT: 22.651 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM049213.D
Acq: 25 Dec 2024 09:07

Instrument :
BNA_M
ClientSampleId :
E2AR1



Tgt Ion:252 Resp: 196
Ion Ratio Lower Upper
252 100
253 85.3 0.0 52.6
125 84.9 0.0 30.8

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