

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
 Data File : BM049193.D
 Acq On : 24 Dec 2024 20:40
 Operator : RC/JU
 Sample : P5353-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2928

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 21:42:18 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	4809	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	14566	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	8141	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.934	188	18176m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.140	240	14041m	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	13781m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	32636	5.884	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.910	152	8575	0.438	ng/ul	-0.02
18) Fluoranthene-d10	18.969	212	20488	0.514	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	1121	0.031	ng/ul#	76
19) Fluoranthene	19.002	202	1278	0.025	ng/ul#	83
21) Benzo(a)anthracene	21.125	228	1350	0.028	ng/ul#	89
22) Chrysene	21.175	228	1484	0.028	ng/ul#	88
24) Benzo(b)fluoranthene	22.653	252	1899	0.043	ng/ul#	28
25) Benzo(k)fluoranthene	22.697	252	1738	0.036	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	25.437	276	2264	0.038	ng/ul#	55
28) Dibenzo(a,h)anthracene	25.450	278	1490	0.032	ng/ul#	33
29) Benzo(g,h,i)perylene	26.084	276	1826	0.038	ng/ul#	64

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

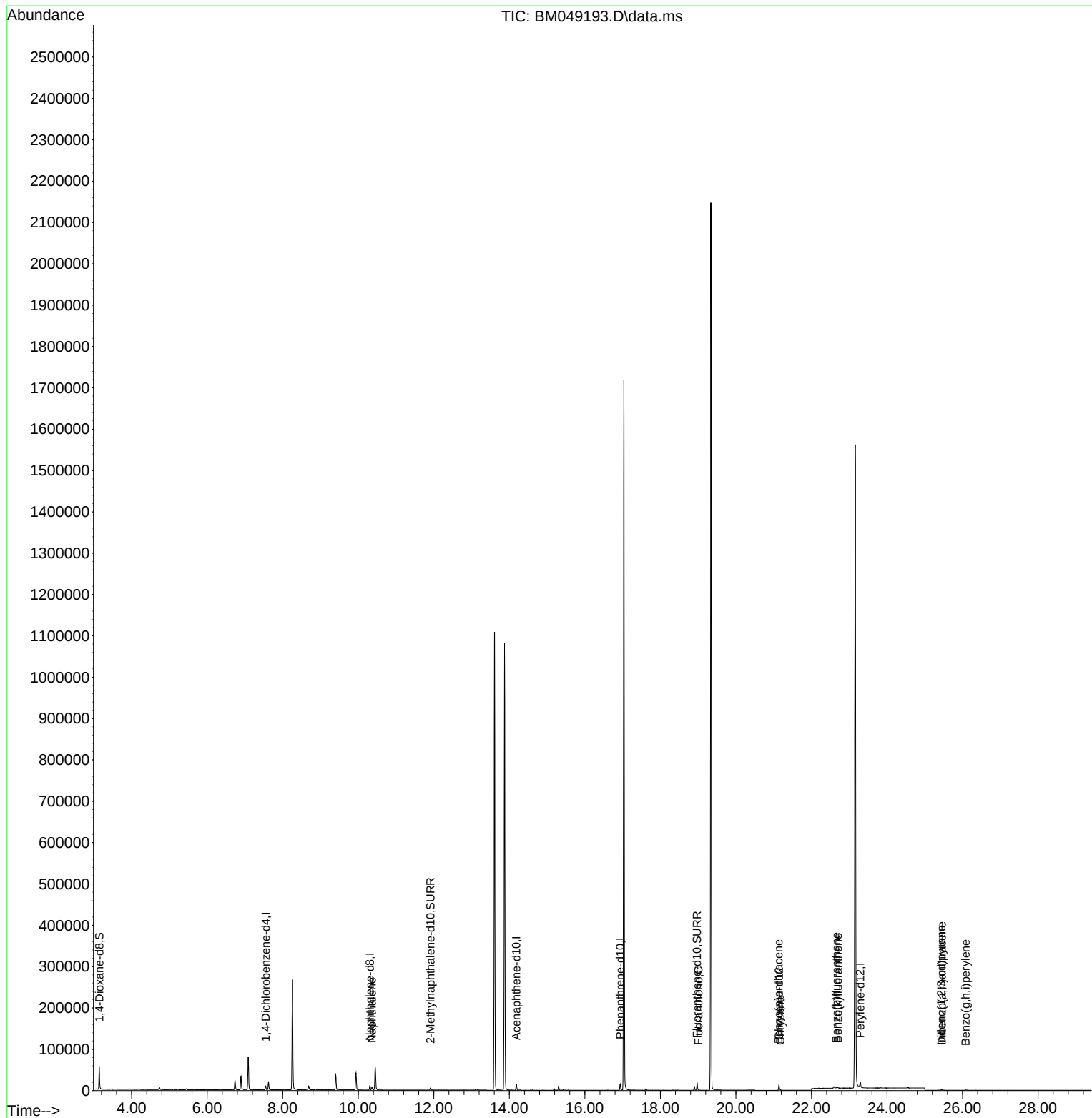
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122324\
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ALS Vial : 58 Sample Multiplier: 1

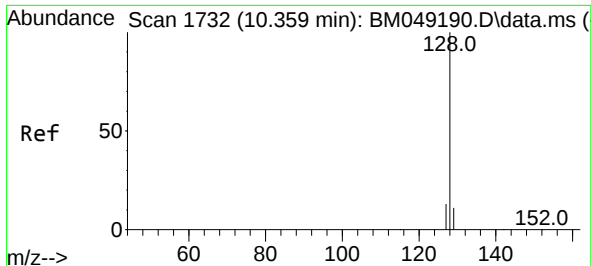
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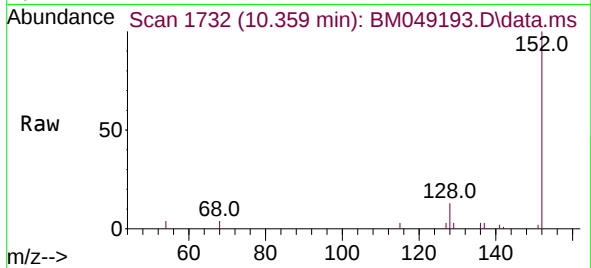
Quant Time: Dec 24 21:42:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#5
Naphthalene
Concen: 0.031 ng/uI
RT: 10.359 min Scan# 1732
Delta R.T. -0.021 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

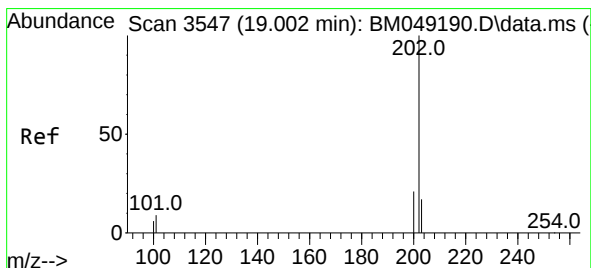
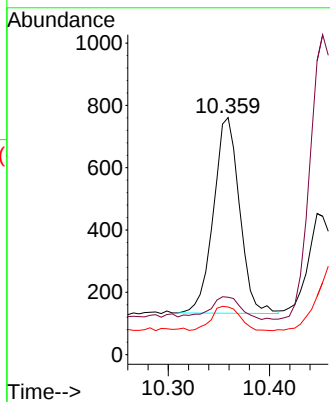
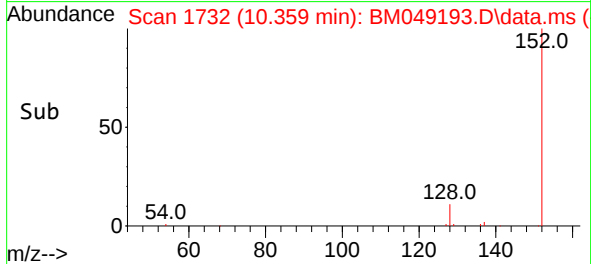
Instrument :
BNA_M
ClientSampleId :
E2928



Tgt Ion:128 Resp: 112
Ion Ratio Lower Upper
128 100
129 24.2 9.7 14.5
127 20.1 10.6 16.0

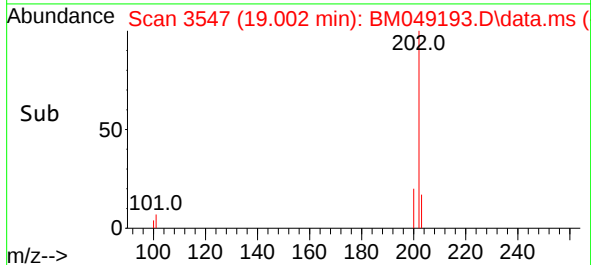
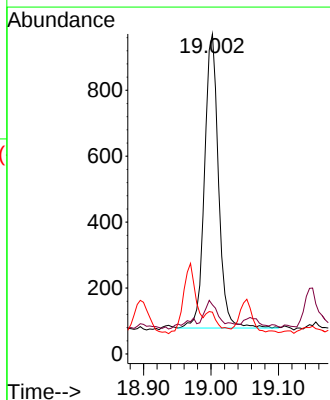
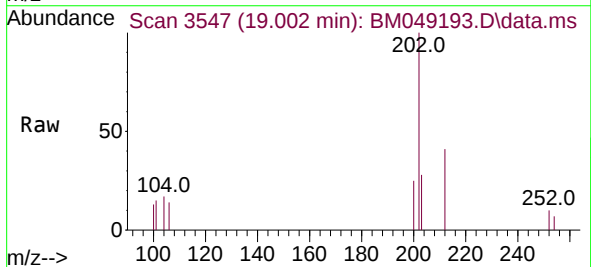
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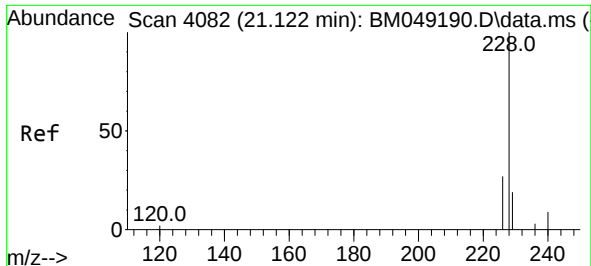
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#19
Fluoranthene
Concen: 0.025 ng/uI
RT: 19.002 min Scan# 3547
Delta R.T. -0.013 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

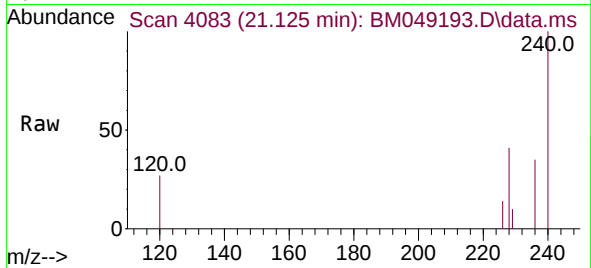
Tgt Ion:202 Resp: 1278
Ion Ratio Lower Upper
202 100
101 15.3 7.6 11.4#
100 13.1 5.5 8.3#





#21
Benzo(a)anthracene
Concen: 0.028 ng/ul
RT: 21.125 min Scan# 4082
Delta R.T. -0.006 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

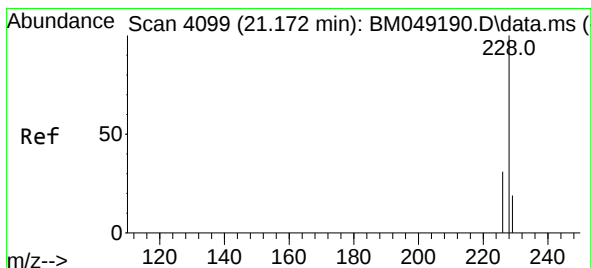
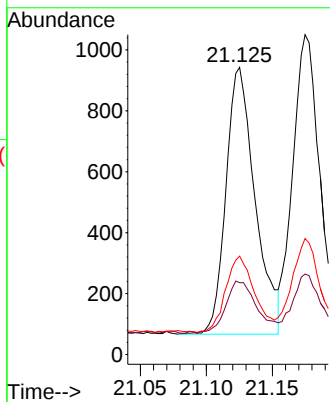
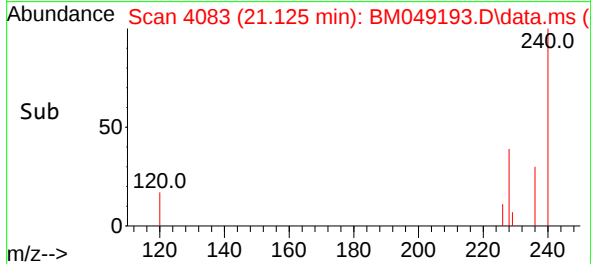
Instrument :
BNA_M
ClientSampleId :
E2928



Tgt Ion:228 Resp: 1350
Ion Ratio Lower Upper
228 100
229 25.0 15.9 23.9#
226 34.3 22.6 34.0#

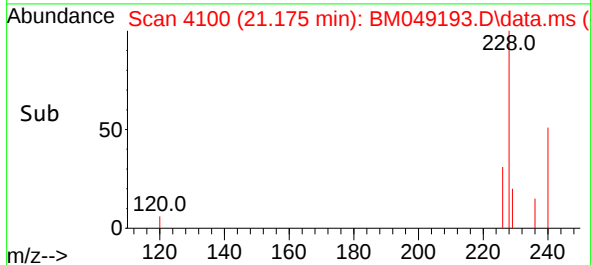
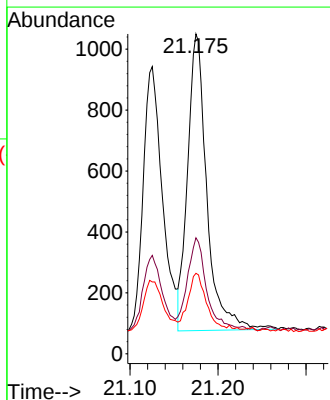
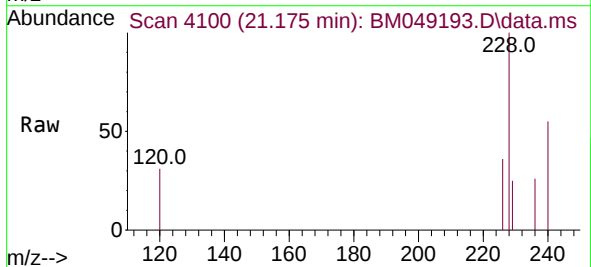
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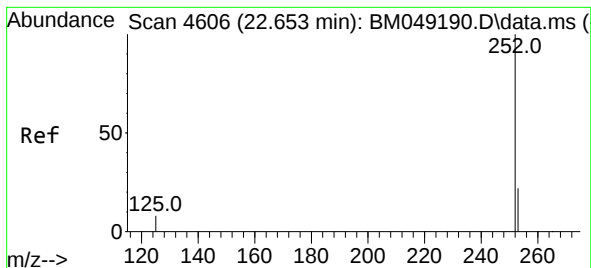
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#22
Chrysene
Concen: 0.028 ng/ul
RT: 21.175 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

Tgt Ion:228 Resp: 1484
Ion Ratio Lower Upper
228 100
226 36.3 24.1 36.1#
229 25.1 15.8 23.8#





#24

Benzo(b)fluoranthene

Concen: 0.043 ng/ul

RT: 22.653 min Scan# 4606

Delta R.T. -0.009 min

Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

Instrument :

BNA_M

ClientSampleId :

E2928

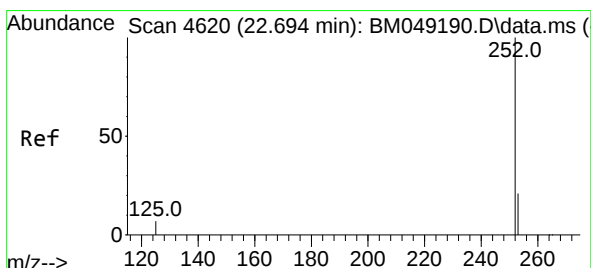
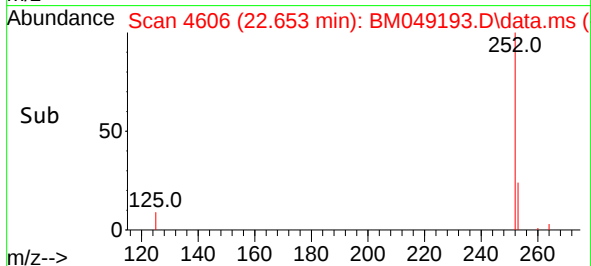
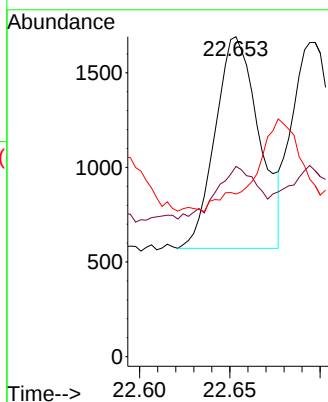
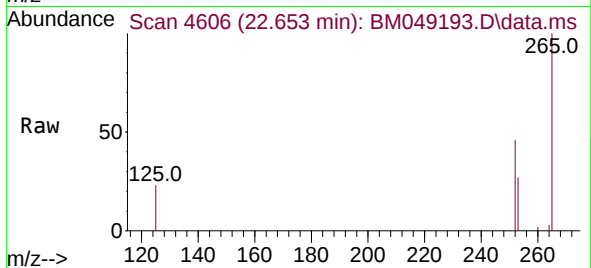
Tgt Ion:	252	Resp:	189
Ion	Ratio	Lower	Upper
252	100		
253	59.4	0.0	52.6
125	50.9	0.0	30.8

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#25

Benzo(k)fluoranthene

Concen: 0.036 ng/ul

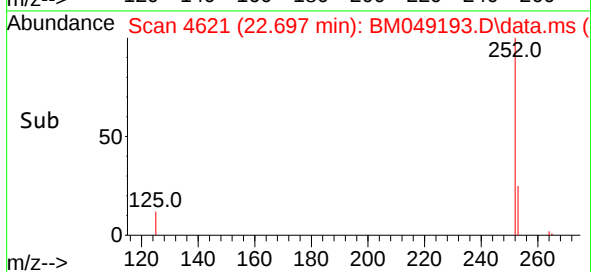
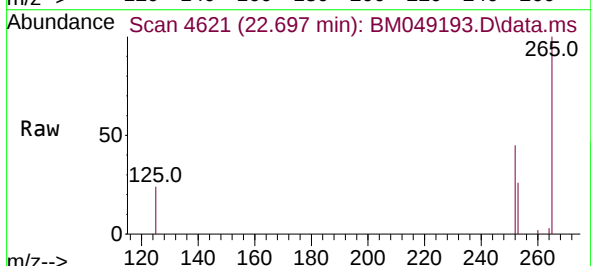
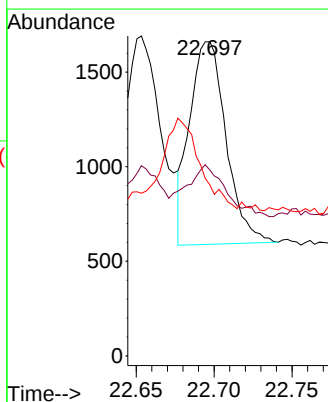
RT: 22.697 min Scan# 4621

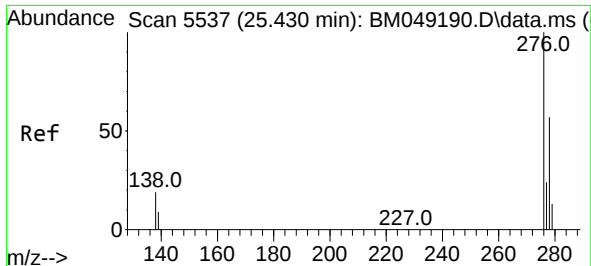
Delta R.T. -0.009 min

Lab File: BM049193.D

Acq: 24 Dec 2024 20:40

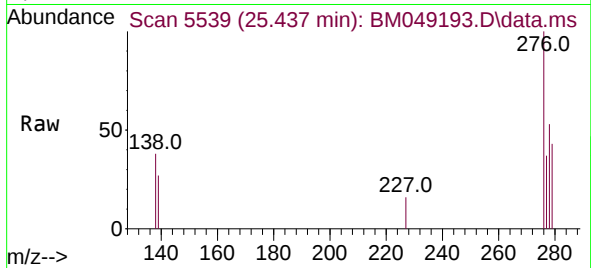
Tgt Ion:	252	Resp:	1738
Ion	Ratio	Lower	Upper
252	100		
253	59.1	21.3	31.9
125	54.4	12.6	18.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.038 ng/ul
RT: 25.437 min Scan# 5537
Delta R.T. -0.011 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

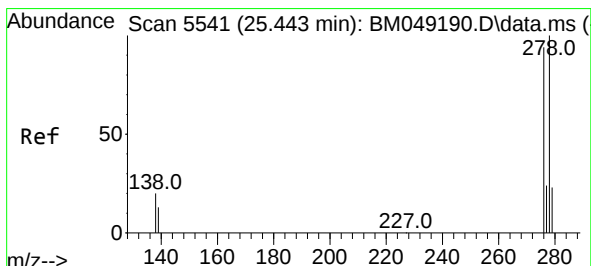
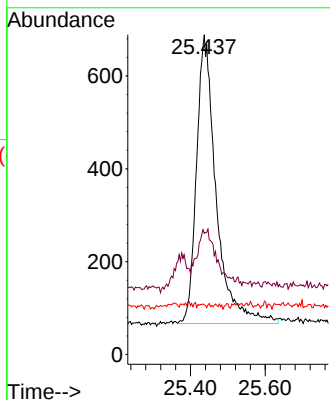
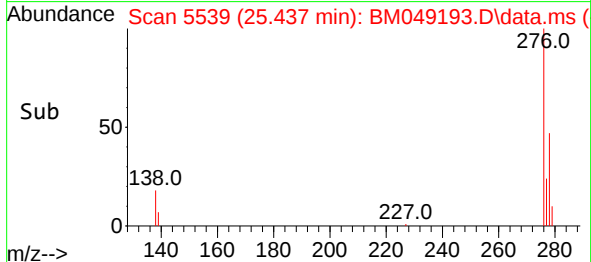
Instrument :
BNA_M
ClientSampleId :
E2928



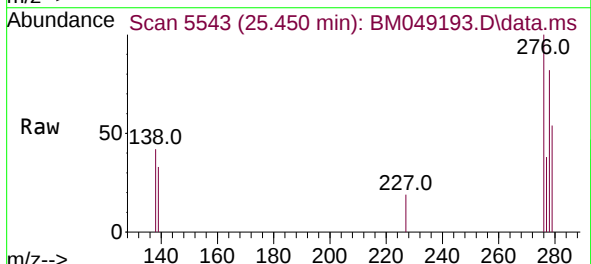
Tgt Ion:276 Resp: 2264
Ion Ratio Lower Upper
276 100
138 0.0 17.4 26.2#
227 0.3 0.2 0.2#

Manual Integrations
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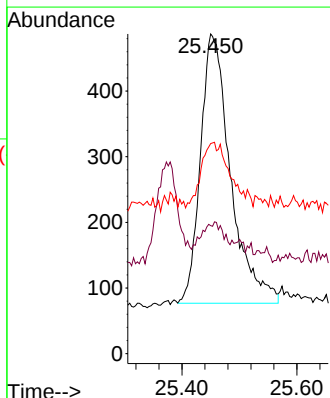
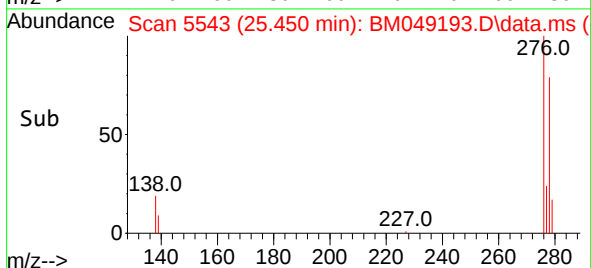
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024

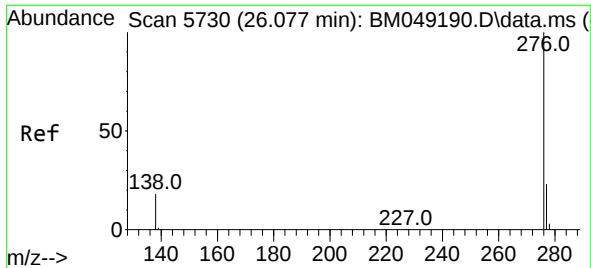


#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 25.450 min Scan# 5543
Delta R.T. -0.017 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40



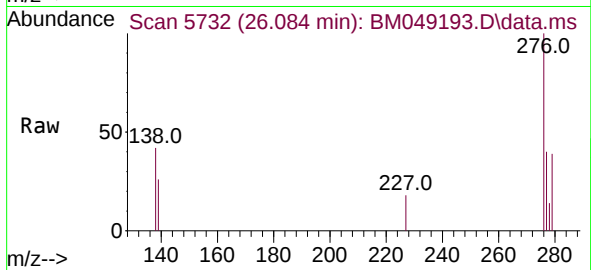
Tgt Ion:278 Resp: 1490
Ion Ratio Lower Upper
278 100
139 40.0 13.5 20.3#
279 65.7 21.5 32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.084 min Scan# 51
Delta R.T. -0.011 min
Lab File: BM049193.D
Acq: 24 Dec 2024 20:40

Instrument :
BNA_M
ClientSampleId :
E2928



Tgt Ion:276 Resp: 1820
Ion Ratio Lower Upper
276 100
138 41.7 16.7 25.1
277 39.5 19.9 29.9

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