

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
 Data File : BM042113.D
 Acq On : 28 Sep 2023 14:12
 Operator : MA/JU
 Sample : 04417-38
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYE5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 29 05:35:47 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 29 04:39:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	7749	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	4002	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	9411	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.513	240	6879	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	7912	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	9048	2.307	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	2786	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	6294	0.222	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.801	128	1296	0.050	ng/ul#	85
15) Phenanthrene	17.379	178	3886	0.089	ng/ul#	90
19) Fluoranthene	19.390	202	6741	0.087	ng/ul#	92
20) Pyrene	19.757	202	4945m	0.065	ng/ul	
21) Benzo(a)anthracene	21.495	228	2449	0.047	ng/ul#	66
22) Chrysene	21.524	228	14993	0.278	ng/ul#	92
24) Benzo(b)fluoranthene	23.173	252	12550	0.206	ng/ul#	1
25) Benzo(k)fluoranthene	23.219	252	3119m	0.053	ng/ul	
26) Benzo(a)pyrene	23.807	252	3023	0.060	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.394	276	7853	0.114	ng/ul#	92
29) Benzo(g,h,i)perylene	27.176	276	8043	0.139	ng/ul#	78

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

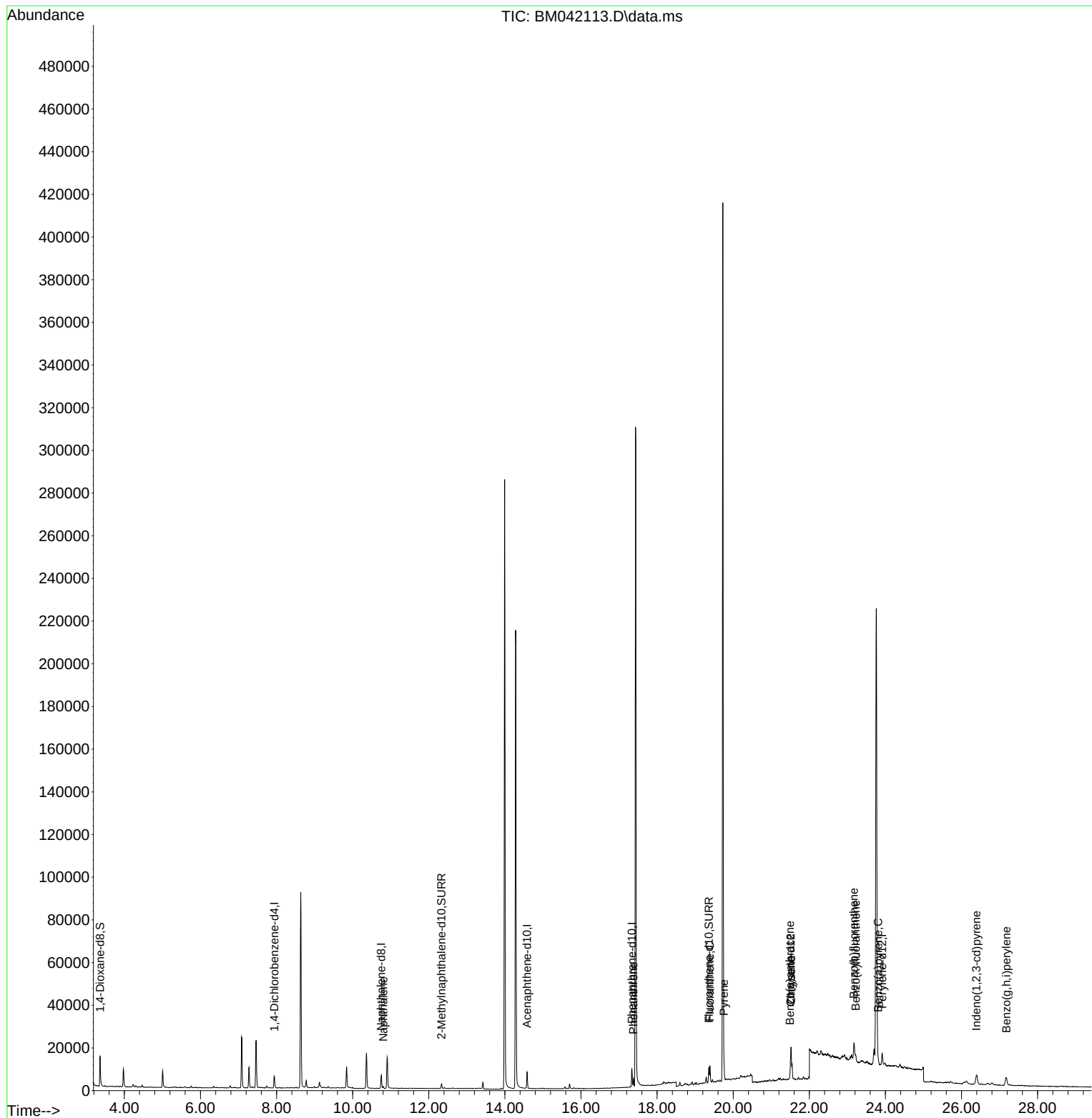
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092823\
Data File : BM042113.D
Acq On : 28 Sep 2023 14:12
Operator : MA/JU
Sample : 04417-38
Misc :
ALS Vial : 11 Sample Multiplier: 1

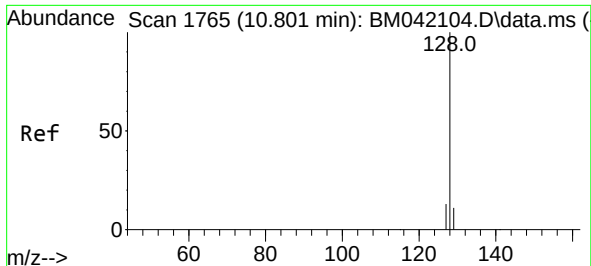
Instrument :
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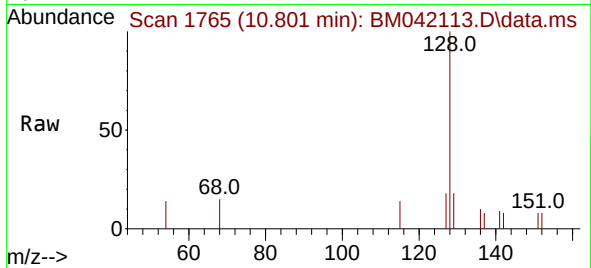
Quant Time: Sep 29 05:35:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 29 04:39:33 2023
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#5
Naphthalene
Concen: 0.050 ng/u1
RT: 10.801 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

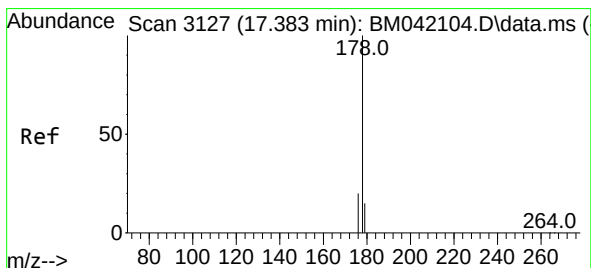
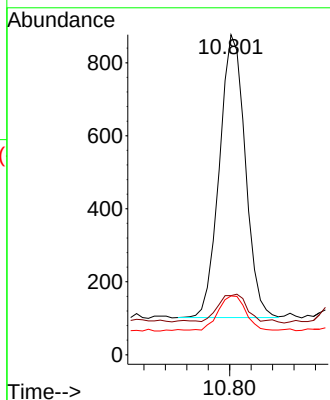
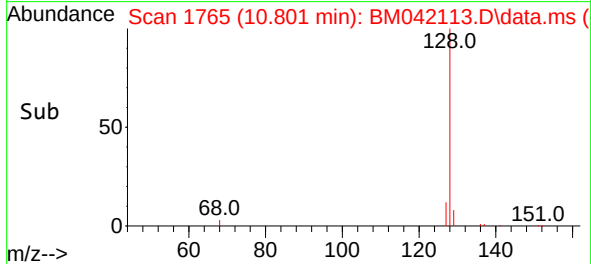
Instrument :
BNA_M
ClientSampleId :
EZY5



Tgt Ion:128 Resp: 1290
Ion Ratio Lower Upper
128 100
129 18.5 9.2 13.8
127 18.4 10.8 16.2

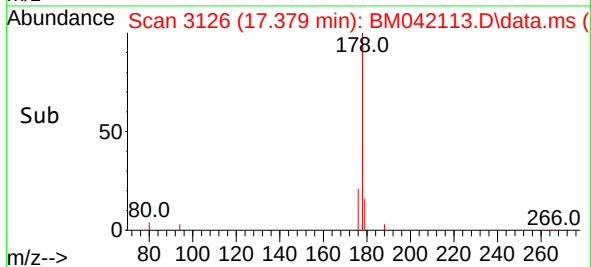
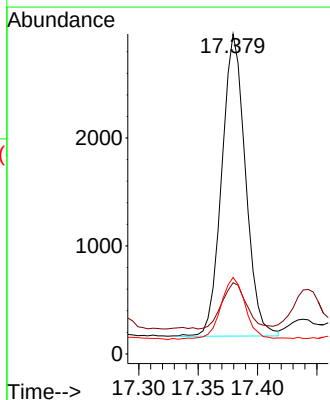
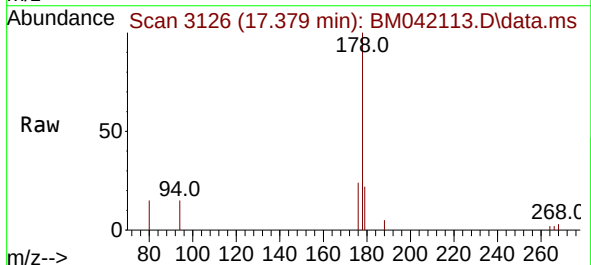
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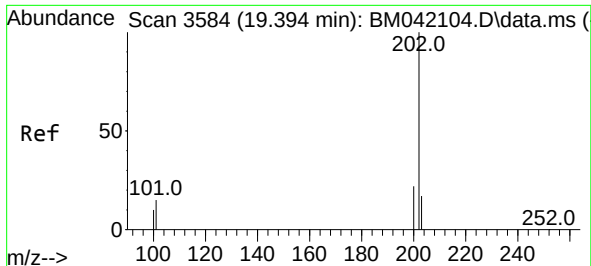
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#15
Phenanthrene
Concen: 0.089 ng/u1
RT: 17.379 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

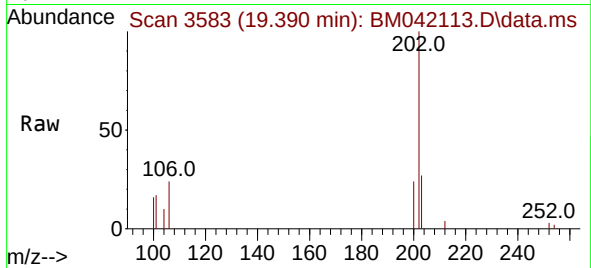
Tgt Ion:178 Resp: 3886
Ion Ratio Lower Upper
178 100
179 22.2 12.7 19.1#
176 23.9 16.6 24.8





#19
Fluoranthene
Concen: 0.087 ng/ul
RT: 19.390 min Scan# 3584
Delta R.T. 0.000 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

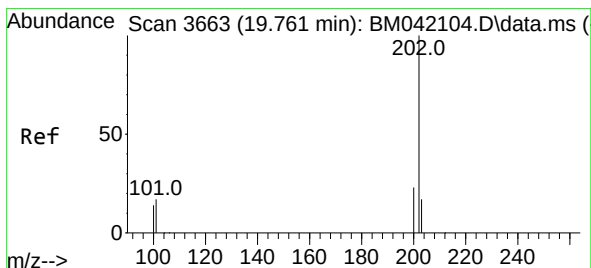
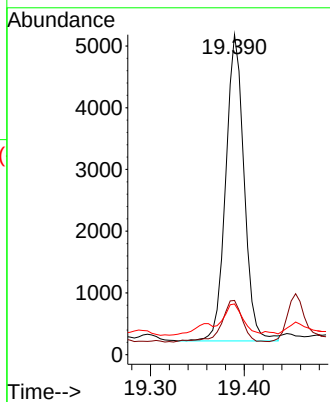
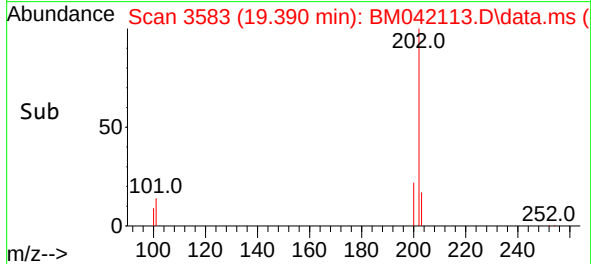
Instrument :
BNA_M
ClientSampleId :
EZY5



Tgt Ion:202 Resp: 674
Ion Ratio Lower Upper
202 100
101 17.0 11.8 17.6
100 15.9 9.1 13.7

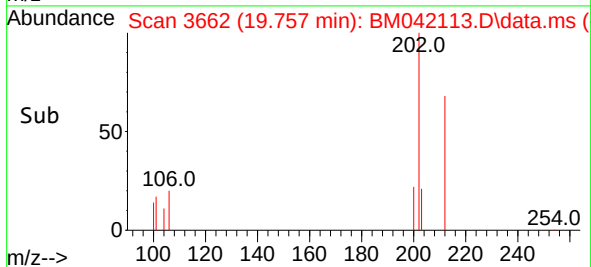
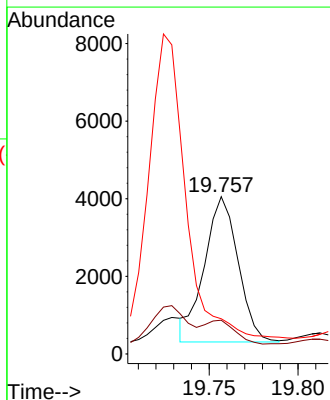
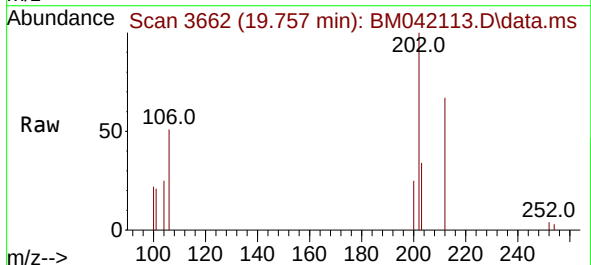
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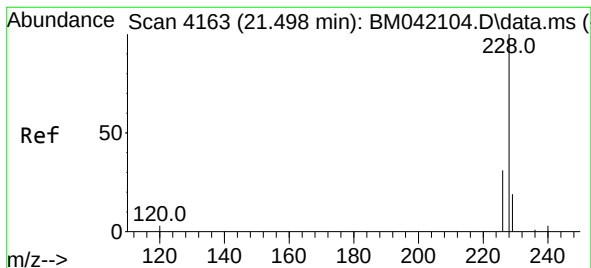
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 10/03/2023



#20
Pyrene
Concen: 0.065 ng/ul m
RT: 19.757 min Scan# 3662
Delta R.T. 0.000 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

Tgt Ion:202 Resp: 4945
Ion Ratio Lower Upper
202 100
101 21.5 14.1 21.1#
100 22.4 11.4 17.0#





#21

Benzo(a)anthracene

Concen: 0.047 ng/ul

RT: 21.495 min Scan# 4163

Delta R.T. 0.000 min

Lab File: BM042113.D

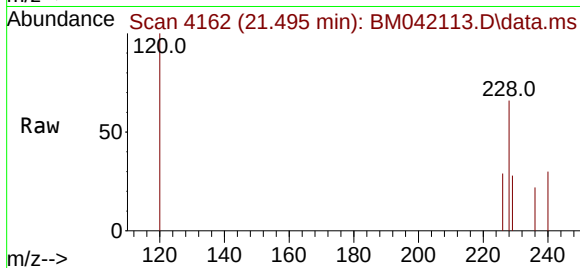
Acq: 28 Sep 2023 14:12

Instrument :

BNM

ClientSampleId :

EZY5



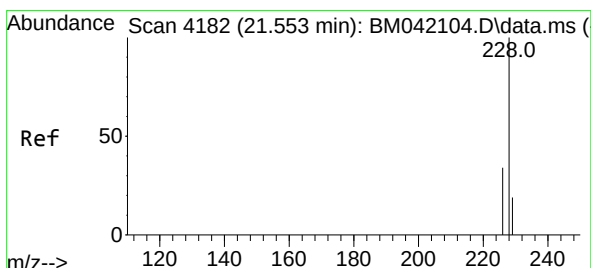
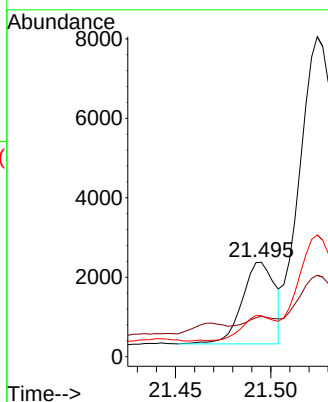
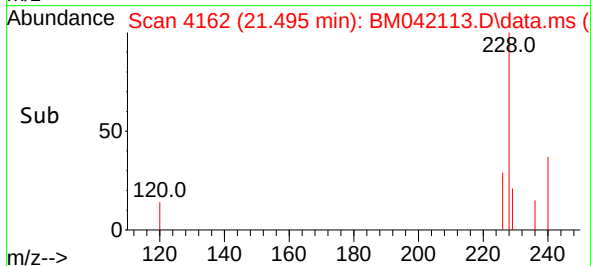
Tgt Ion:	228	Resp:	2449
Ion Ratio	Lower	Upper	
228	100		
229	42.9	15.5	23.3
226	43.5	24.8	37.2

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#22

Chrysene

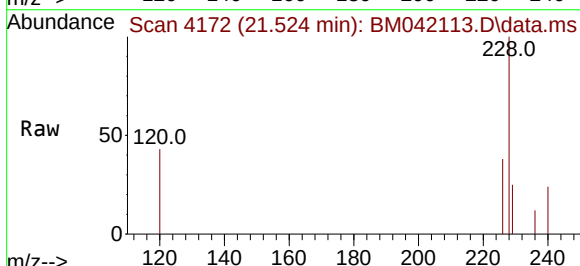
Concen: 0.278 ng/ul

RT: 21.524 min Scan# 4172

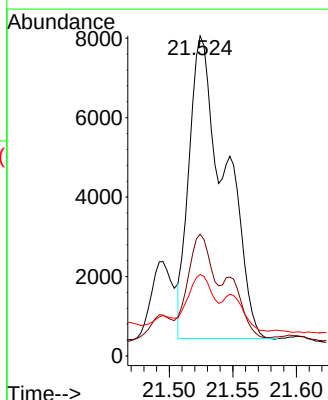
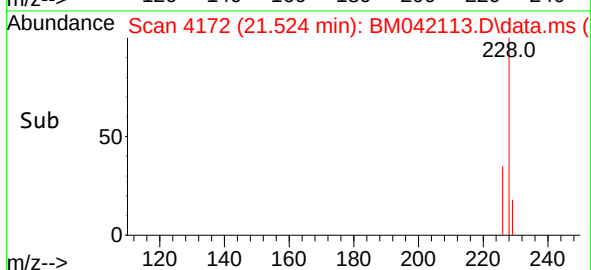
Delta R.T. -0.026 min

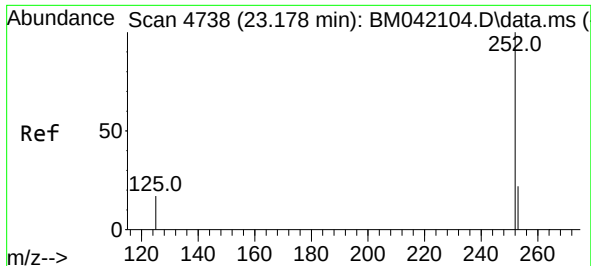
Lab File: BM042113.D

Acq: 28 Sep 2023 14:12



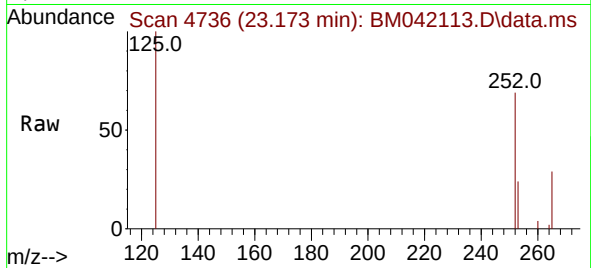
Tgt Ion:	228	Resp:	14993
Ion Ratio	Lower	Upper	
228	100		
226	38.0	27.8	41.6
229	25.4	15.6	23.4





#24
Benzo(b)fluoranthene
Concen: 0.206 ng/ul
RT: 23.173 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

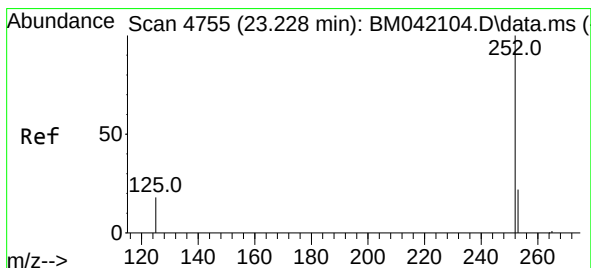
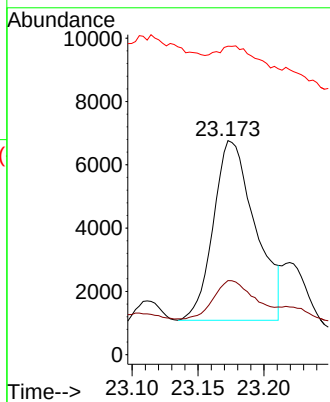
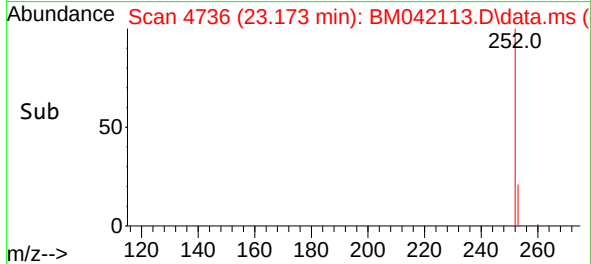
Instrument :
BNA_M
ClientSampleId :
EZY5



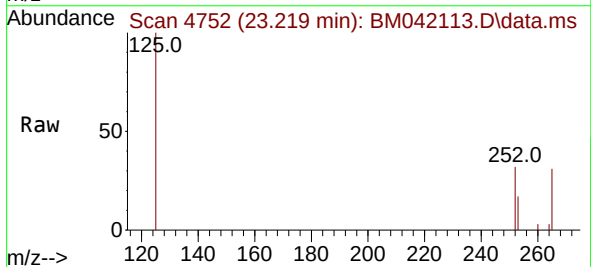
Tgt Ion:252 Resp: 12550
Ion Ratio Lower Upper
252 100
253 34.6 0.0 54.4
125 144.1 0.0 46.2

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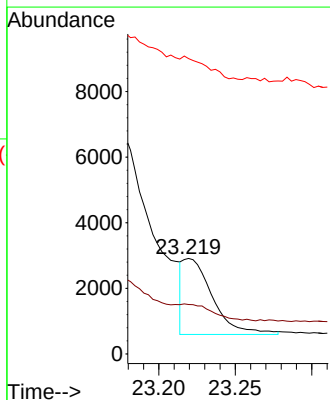
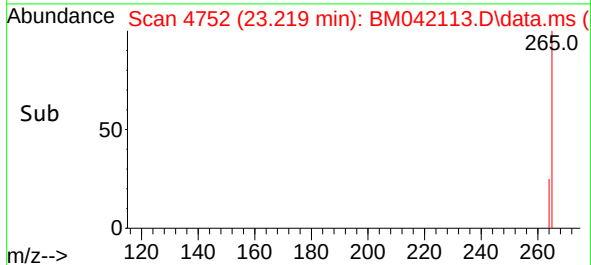
Reviewed By :Yogesh Patel 09/29/2023
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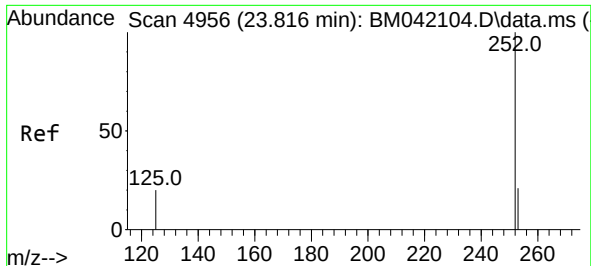


#25
Benzo(k)fluoranthene
Concen: 0.053 ng/ul m
RT: 23.219 min Scan# 4752
Delta R.T. -0.003 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12



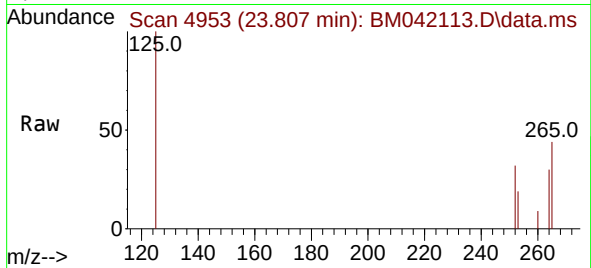
Tgt Ion:252 Resp: 3119
Ion Ratio Lower Upper
252 100
253 51.8 21.0 31.6#
125 309.4 19.0 28.6#





#26
Benzo(a)pyrene
Concen: 0.060 ng/ul
RT: 23.807 min Scan# 4953
Delta R.T. 0.000 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

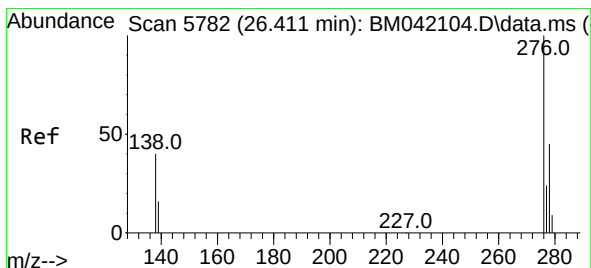
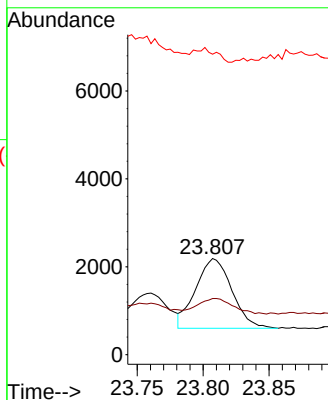
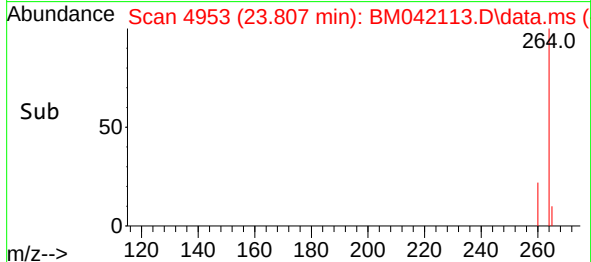
Instrument :
BNA_M
ClientSampleId :
EZY5



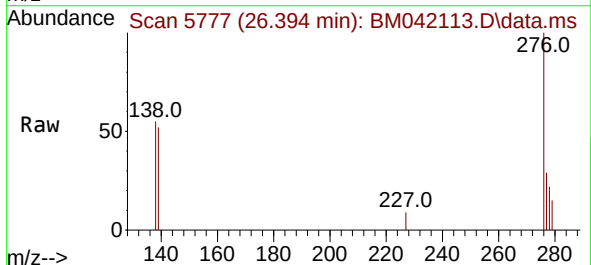
Tgt Ion:252 Resp: 302
Ion Ratio Lower Upper
252 100
253 58.5 23.2 34.8
125 312.4 22.5 33.7

Manual Integrations
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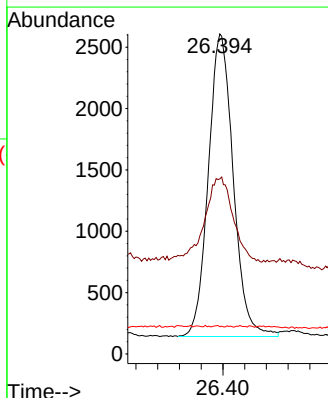
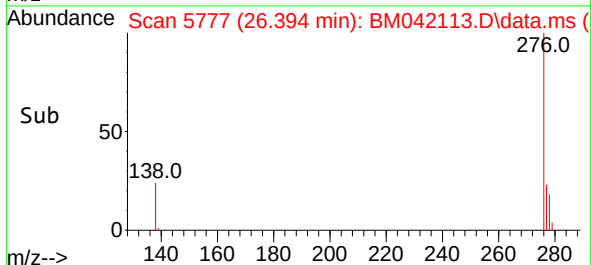
Reviewed By :Yogesh Patel 09/29/2023
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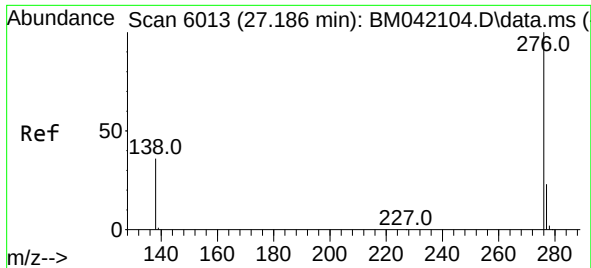


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.394 min Scan# 5777
Delta R.T. -0.010 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12



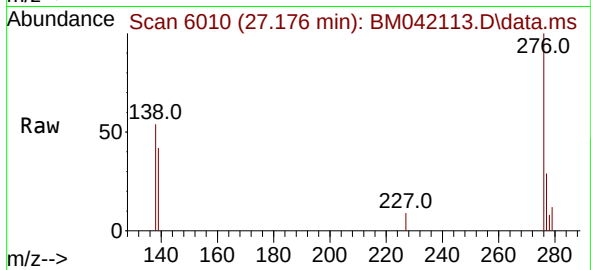
Tgt Ion:276 Resp: 7853
Ion Ratio Lower Upper
276 100
138 35.0 32.1 48.1
227 0.3 0.2 0.2





#29
Benzo(g,h,i)perylene
Concen: 0.139 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.003 min
Lab File: BM042113.D
Acq: 28 Sep 2023 14:12

Instrument :
BNA_M
ClientSampleId :
EZY5



Tgt Ion:276 Resp: 804
Ion Ratio Lower Upper
276 100
138 54.5 29.0 43.4
277 28.7 19.6 29.4

Manual Integrations
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