

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041503.D
 Acq On : 25 Aug 2023 20:59
 Operator : MA/JU
 Sample : 04037-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYH1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023

Quant Time: Aug 26 00:18:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 24 18:34:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	11408	0.400	ng/ul	0.00
4) Naphthalene-d8	10.950	136	32156	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	16021	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	30183	0.400	ng/ul	0.00
17) Chrysene-d12	21.697	240	11968	0.400	ng/ul	# 0.00
23) Perylene-d12	24.269	264	12946	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	59992	4.155	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	9336	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.529	212	13550	0.257	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.999	128	3447	0.036	ng/ul#	88
7) 2-Methylnaphthalene	12.594	142	2037	0.035	ng/ul	100
8) 1-Methylnaphthalene	12.814	142	1430	0.024	ng/ul	99
15) Phenanthrene	17.552	178	7104	0.064	ng/ul#	90
19) Fluoranthene	19.561	202	7378	0.067	ng/ul#	91
20) Pyrene	19.929	202	7691	0.069	ng/ul#	92
21) Benzo(a)anthracene	21.682	228	2506	0.032	ng/ul#	40
22) Chrysene	21.734	228	4748m	0.056	ng/ul	
24) Benzo(b)fluoranthene	23.468	252	5374	0.061	ng/ul#	1
26) Benzo(a)pyrene	24.155	252	2546	0.035	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.988	276	3875	0.043	ng/ul#	100
29) Benzo(g,h,i)perylene	27.833	276	6283	0.078	ng/ul#	48

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

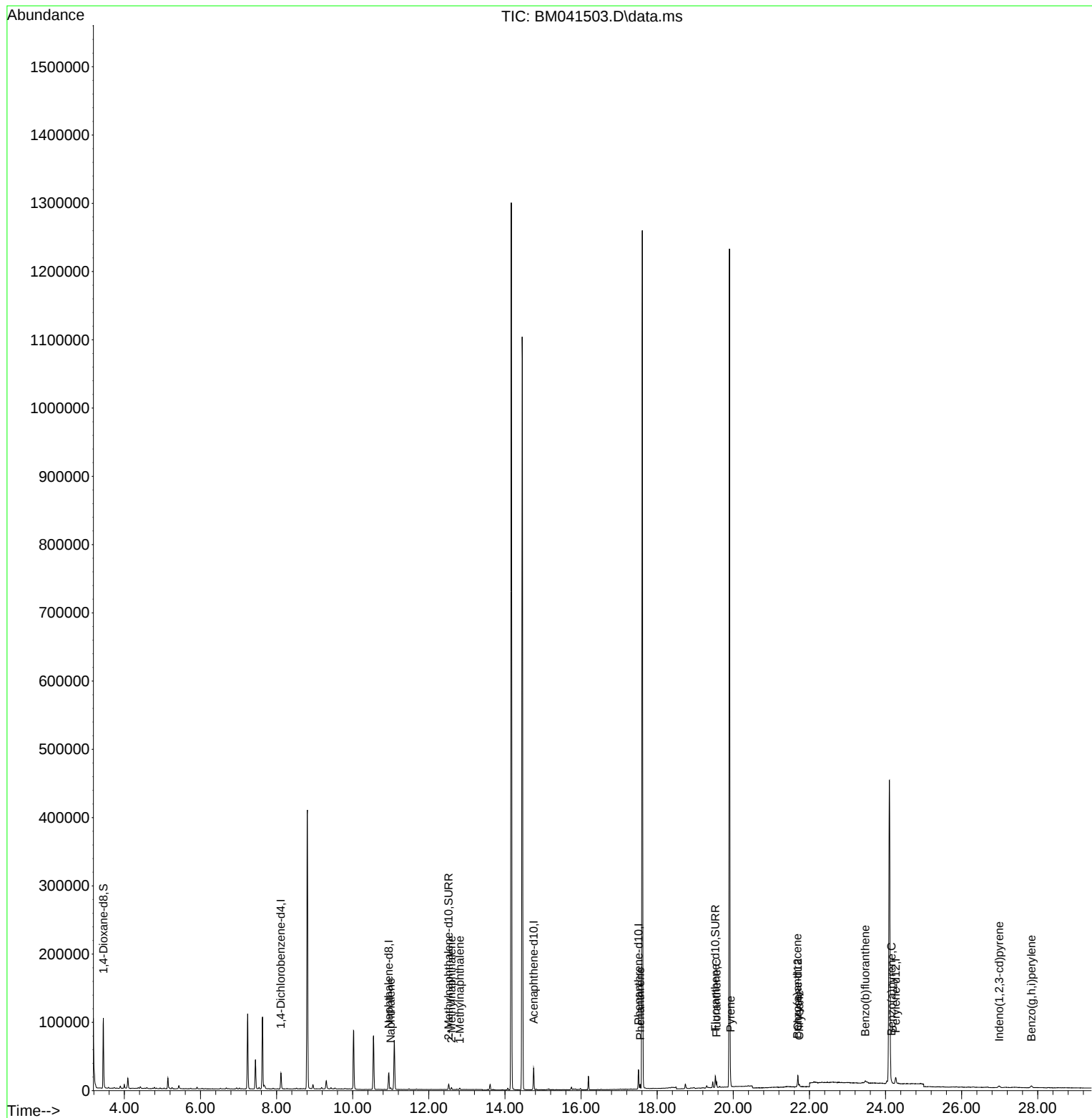
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041503.D
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ALS Vial : 41 Sample Multiplier: 1

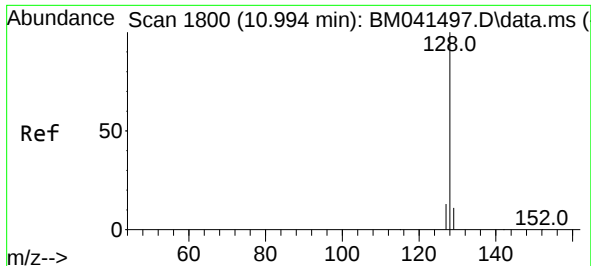
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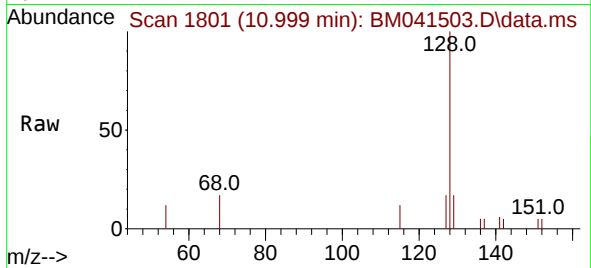
Quant Time: Aug 26 00:18:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
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#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

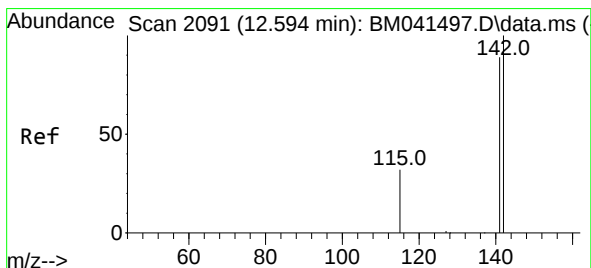
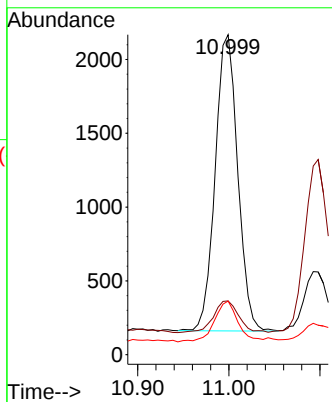
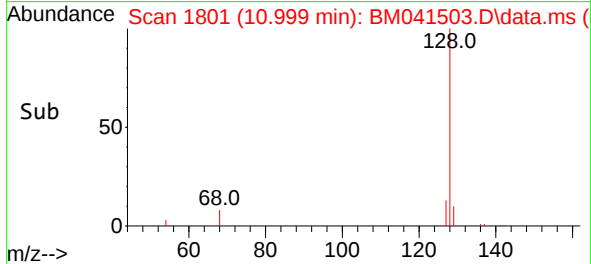
Instrument :
BNA_M
ClientSampleId :
EZYH1



Tgt Ion:128 Resp: 344
Ion Ratio Lower Upper
128 100
129 16.8 8.9 13.3
127 16.7 10.6 15.8

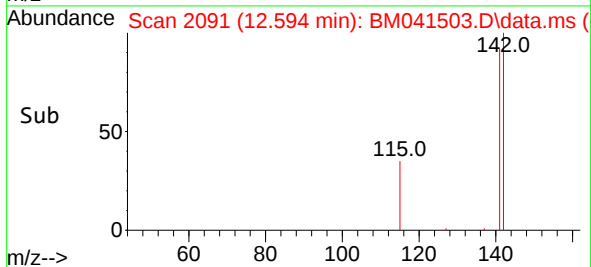
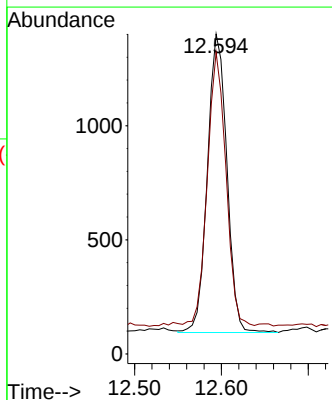
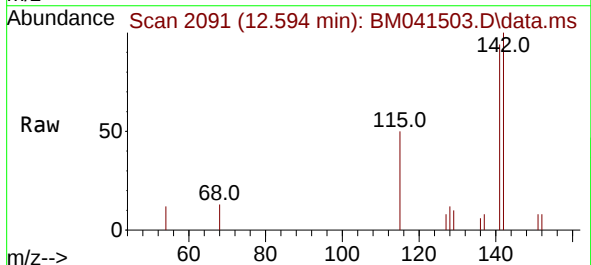
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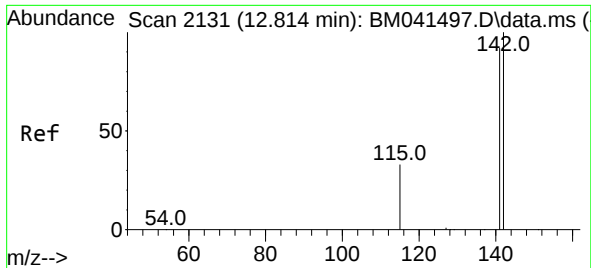
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

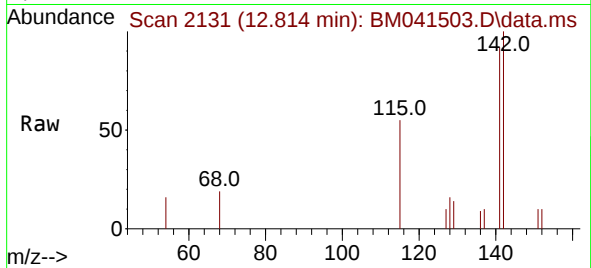
Tgt Ion:142 Resp: 2037
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.814 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

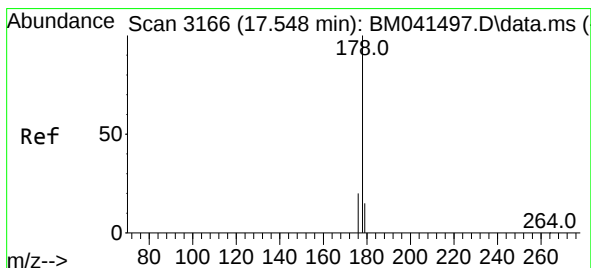
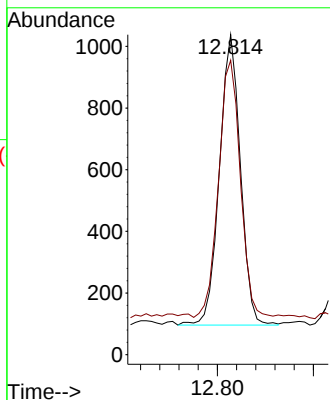
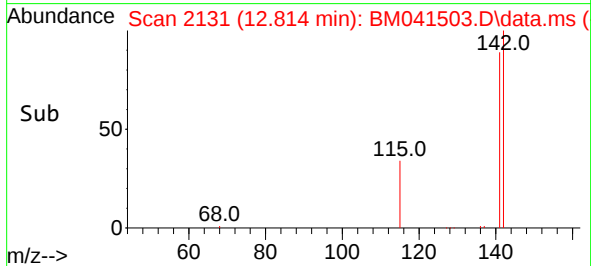
Instrument :
BNA_M
ClientSampleId :
EZYH1



Tgt Ion:142 Resp: 1430
Ion Ratio Lower Upper
142 100
141 92.8 73.4 110.2

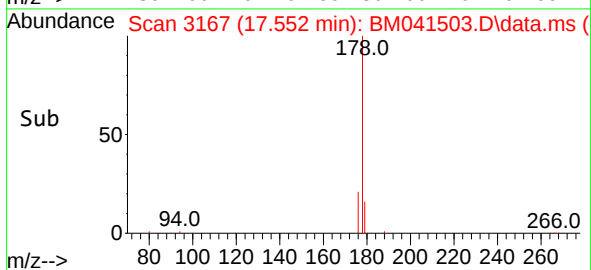
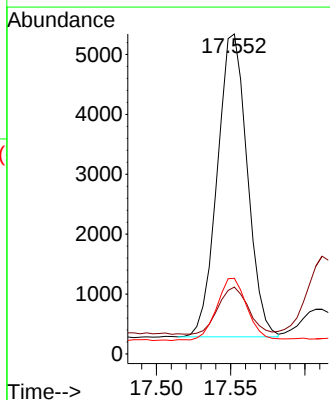
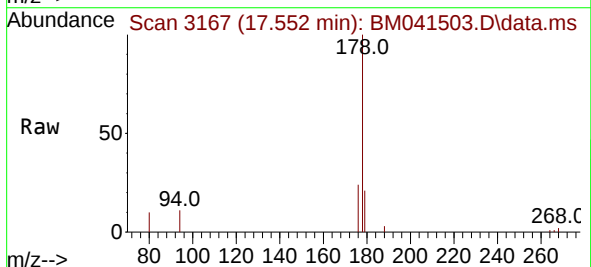
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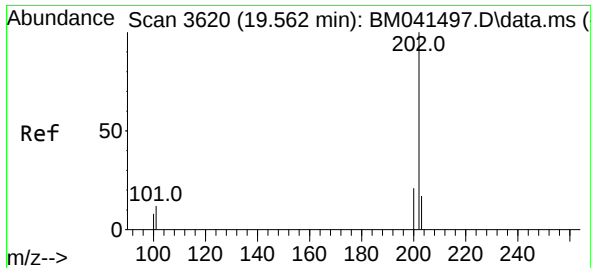
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

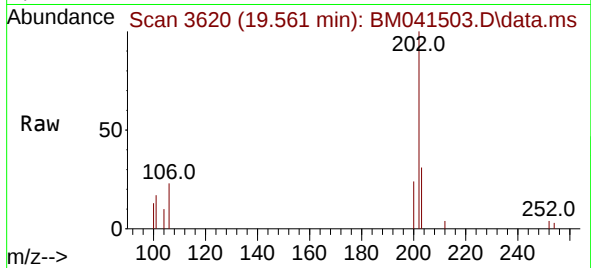
Tgt Ion:178 Resp: 7104
Ion Ratio Lower Upper
178 100
179 20.9 12.5 18.7#
176 23.7 15.8 23.8





#19
Fluoranthene
Concen: 0.067 ng/u1
RT: 19.561 min Scan# 3620
Delta R.T. -0.005 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

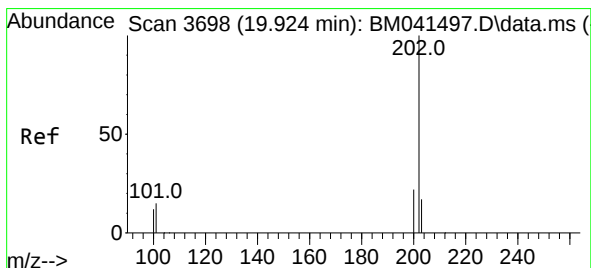
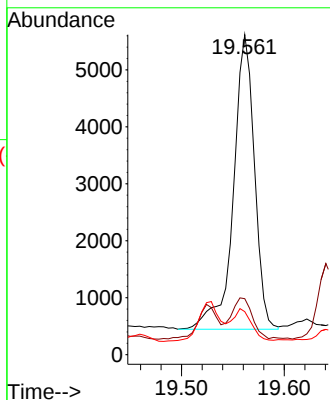
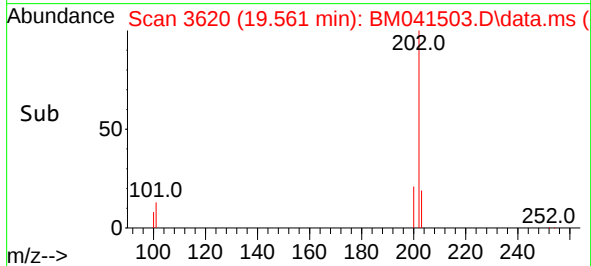
Instrument :
BNA_M
ClientSampleId :
EZYH1



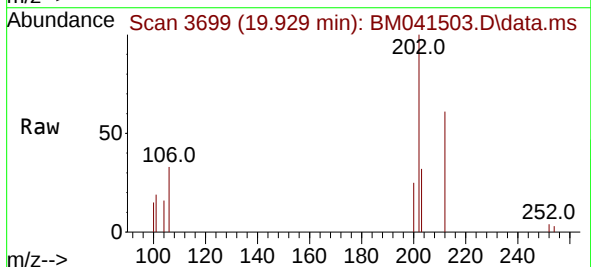
Tgt Ion:202 Resp: 7378
Ion Ratio Lower Upper
202 100
101 17.5 11.0 16.6#
100 13.4 7.9 11.9#

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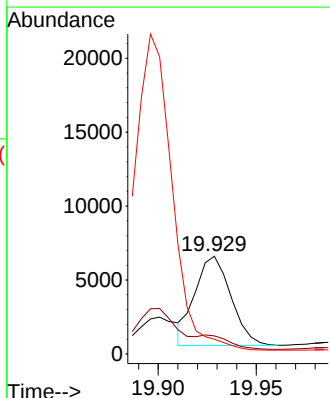
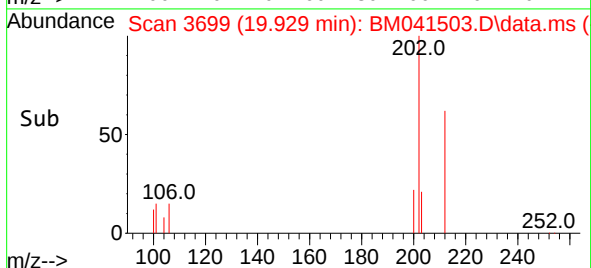
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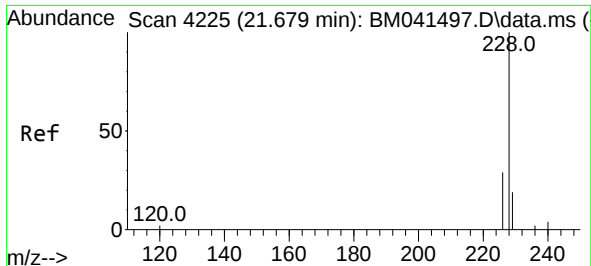


#20
Pyrene
Concen: 0.069 ng/u1
RT: 19.929 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59



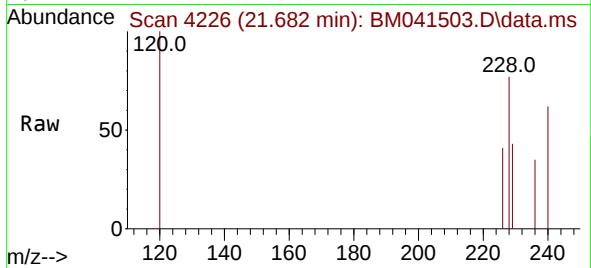
Tgt Ion:202 Resp: 7691
Ion Ratio Lower Upper
202 100
101 18.5 12.2 18.2#
100 15.1 9.8 14.8#





#21
Benzo(a)anthracene
Concen: 0.032 ng/ul
RT: 21.682 min Scan# 4226
Delta R.T. -0.006 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

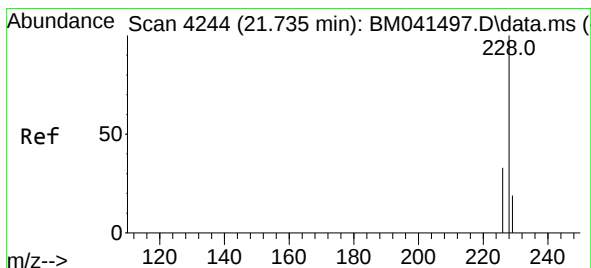
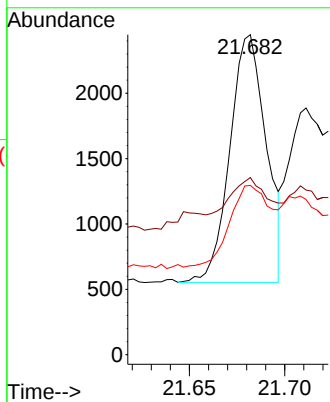
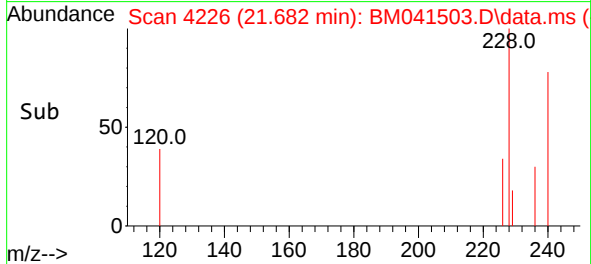
Instrument :
BNA_M
ClientSampleId :
EZYH1



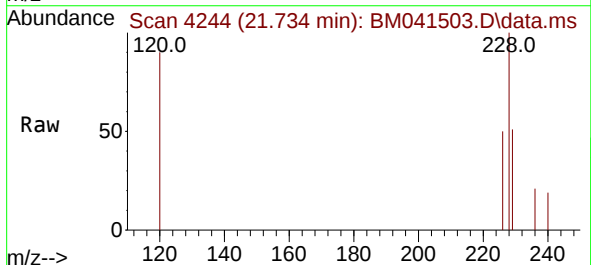
Tgt Ion:228 Resp: 2500
Ion Ratio Lower Upper
228 100
229 55.4 15.3 22.9#
226 52.9 22.7 34.1#

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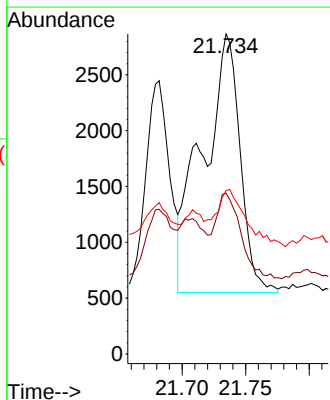
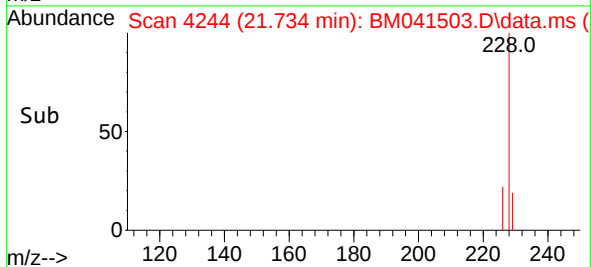
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

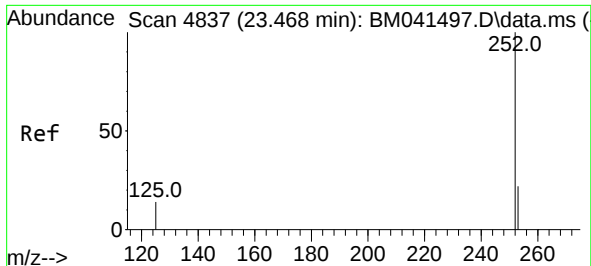


#22
Chrysene
Concen: 0.056 ng/ul m
RT: 21.734 min Scan# 4244
Delta R.T. -0.009 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59



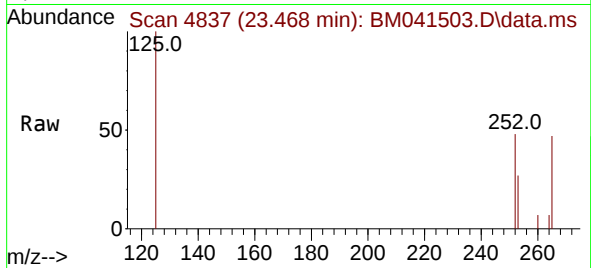
Tgt Ion:228 Resp: 4748
Ion Ratio Lower Upper
228 100
226 50.2 25.6 38.4#
229 51.0 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.061 ng/u1
RT: 23.468 min Scan# 4837
Delta R.T. -0.015 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

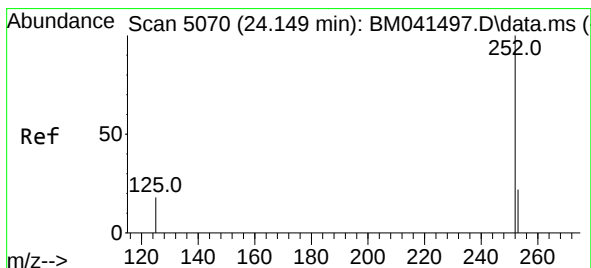
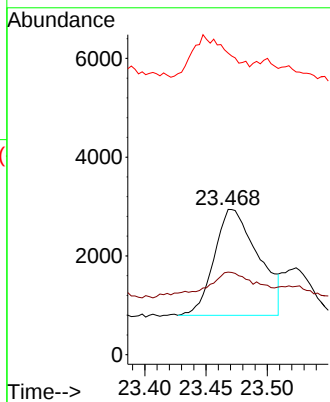
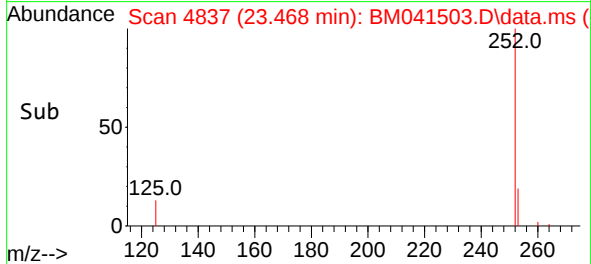
Instrument :
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EZYH1



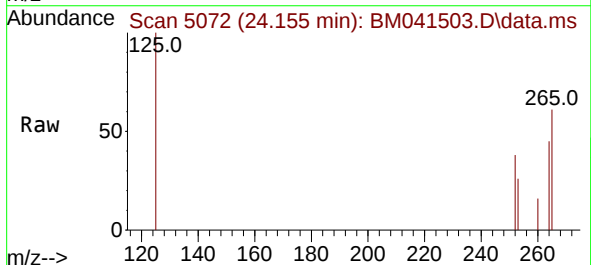
Tgt Ion:252 Resp: 5374
Ion Ratio Lower Upper
252 100
253 56.8 0.0 46.8#
125 207.5 0.0 32.8#

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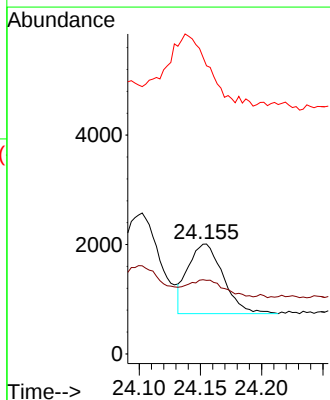
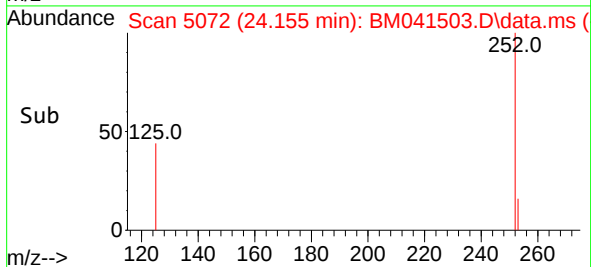
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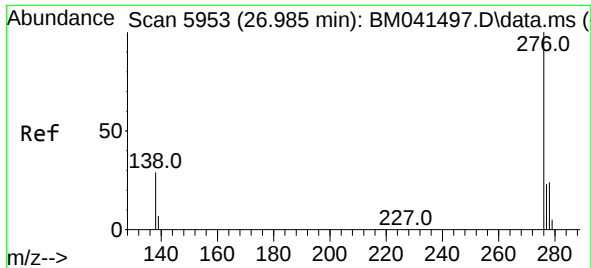


#26
Benzo(a)pyrene
Concen: 0.035 ng/u1
RT: 24.155 min Scan# 5072
Delta R.T. -0.009 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59



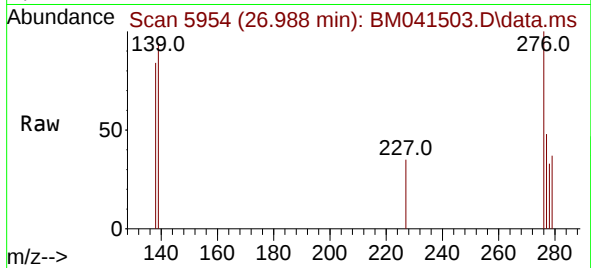
Tgt Ion:252 Resp: 2546
Ion Ratio Lower Upper
252 100
253 67.0 19.5 29.3#
125 262.1 16.0 24.0#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.043 ng/ul
RT: 26.988 min Scan# 5954
Delta R.T. -0.017 min
Lab File: BM041503.D
Acq: 25 Aug 2023 20:59

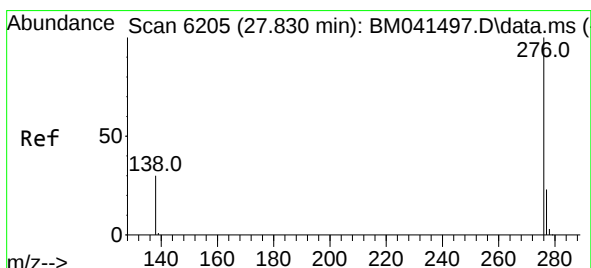
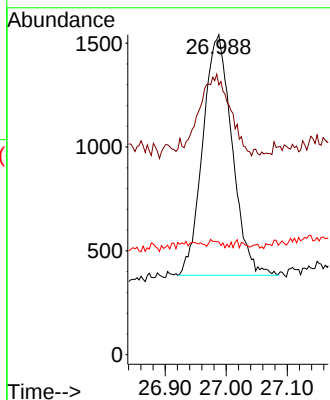
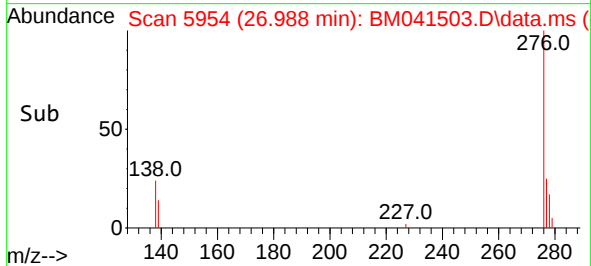
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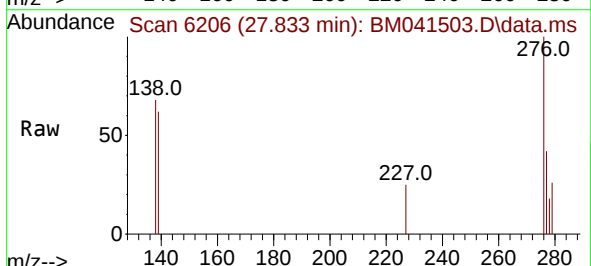
Tgt Ion:276 Resp: 387
Ion Ratio Lower Upper
276 100
138 34.9 27.8 41.6
227 1.1 0.0 0.0

Manual Integrations
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Supervised By :mohammad ahmed 08/26/2023



#29
Benzo(g,h,i)perylene
Concen: 0.078 ng/ul
RT: 27.833 min Scan# 6206
Delta R.T. -0.020 min
Lab File: BM041503.D
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Tgt Ion:276 Resp: 6283
Ion Ratio Lower Upper
276 100
138 68.1 25.9 38.9#
277 42.0 19.4 29.2#

