

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041532.D
 Acq On : 28 Aug 2023 21:31
 Operator : MA/JU
 Sample : 04037-08DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

Quant Time: Aug 29 02:49:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	11853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	31894	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	15461	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	31826	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.688	240	12092	0.400	ng/ul	# 0.00
23) Perylene-d12	24.252	264	12492	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	11262	0.764	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	1871	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	2791	0.056	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.994	128	3908	0.038	ng/ul#	93
7) 2-Methylnaphthalene	12.588	142	3838	0.062	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	1617	0.026	ng/ul	98
15) Phenanthrene	17.544	178	22308	0.171	ng/ul	98
16) Anthracene	17.637	178	3832	0.032	ng/ul#	84
19) Fluoranthene	19.552	202	43128	0.385	ng/ul	96
20) Pyrene	19.919	202	67996	0.600	ng/ul	97
21) Benzo(a)anthracene	21.670	228	19180	0.223	ng/ul	95
22) Chrysene	21.726	228	60670m	0.711	ng/ul	
24) Benzo(b)fluoranthene	23.459	252	53406	0.672	ng/ul	85
25) Benzo(k)fluoranthene	23.509	252	19655m	0.253	ng/ul	
26) Benzo(a)pyrene	24.135	252	22098	0.308	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	26.964	276	27953	0.290	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.981	278	6277	0.090	ng/ul#	51
29) Benzo(g,h,i)perylene	27.806	276	32327	0.400	ng/ul	98

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

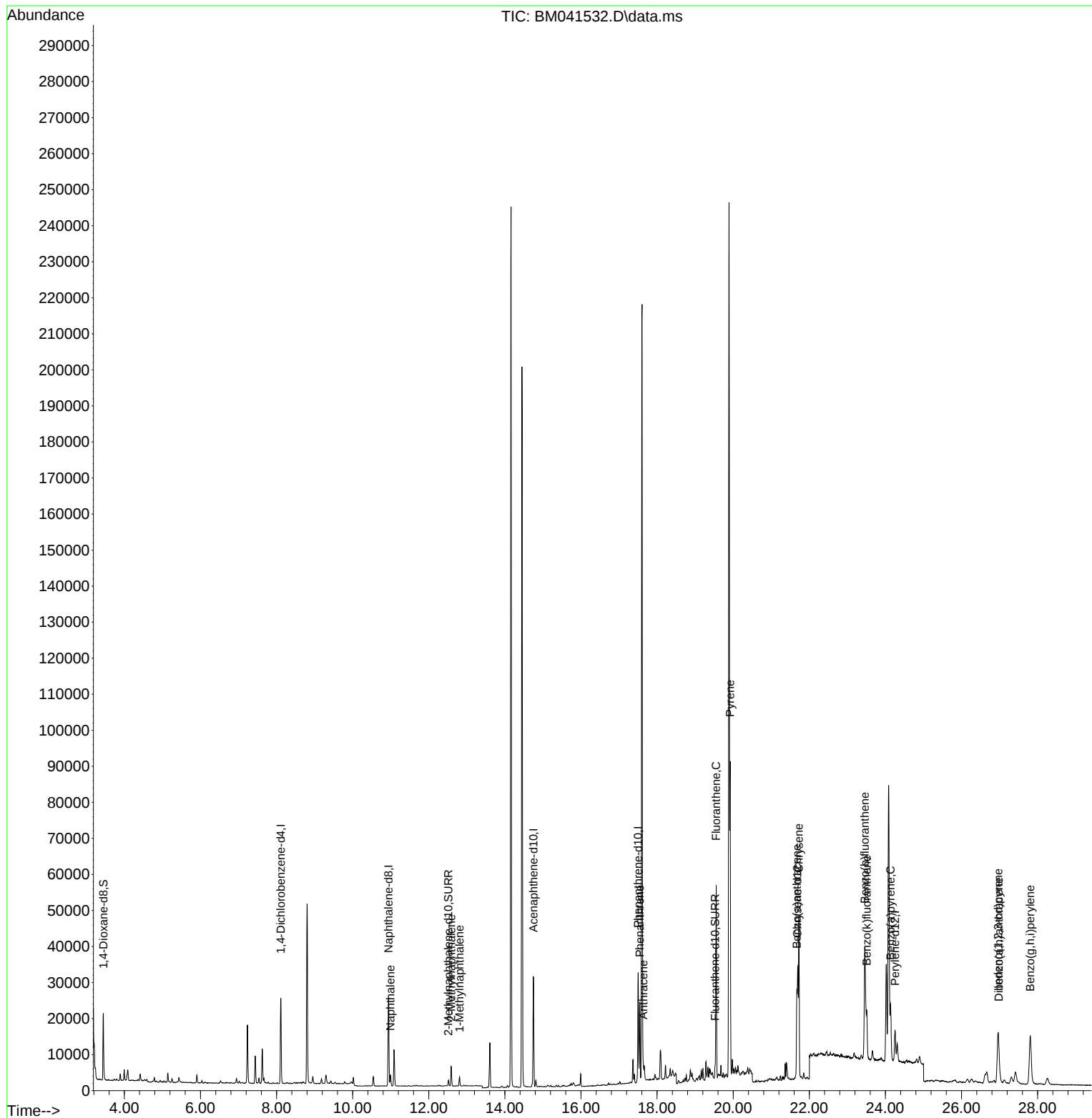
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
Data File : BM041532.D
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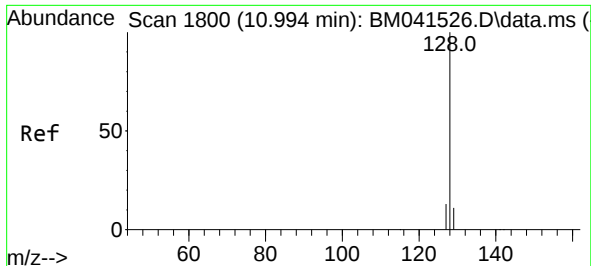
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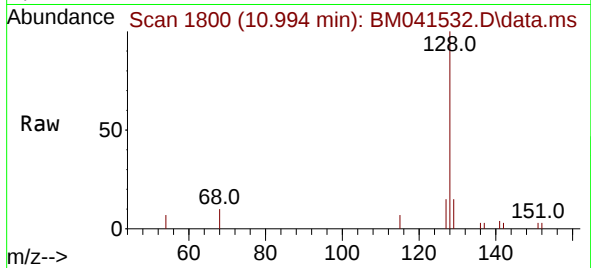
Quant Time: Aug 29 02:49:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 28 15:20:06 2023
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#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

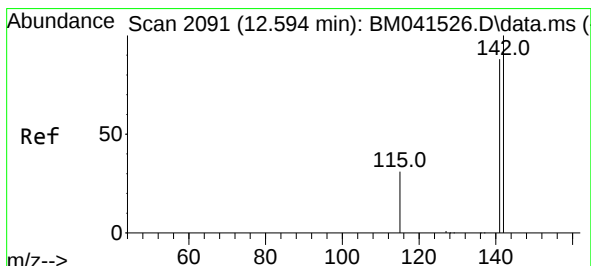
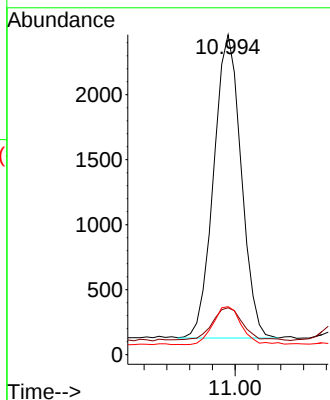
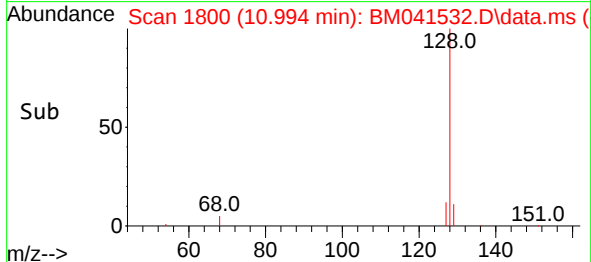
Instrument :
BNA_M
ClientSampleId :
EZYW6DL



Tgt Ion:128 Resp: 3908
Ion Ratio Lower Upper
128 100
129 14.6 8.9 13.3
127 15.0 10.6 15.8

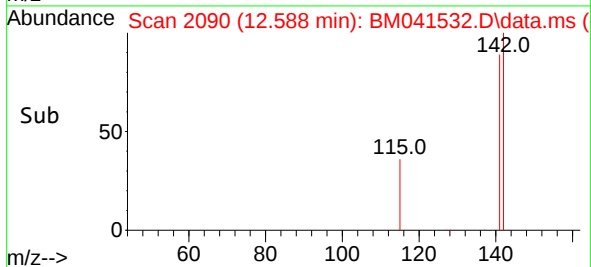
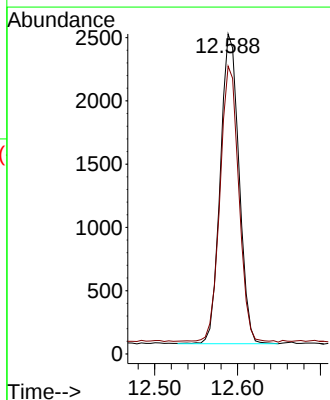
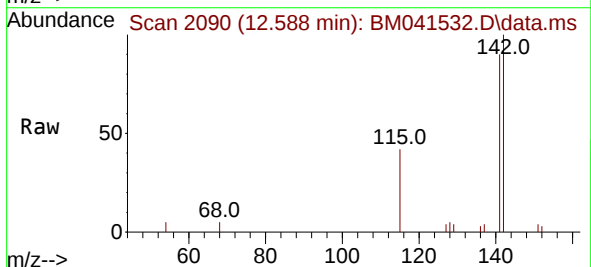
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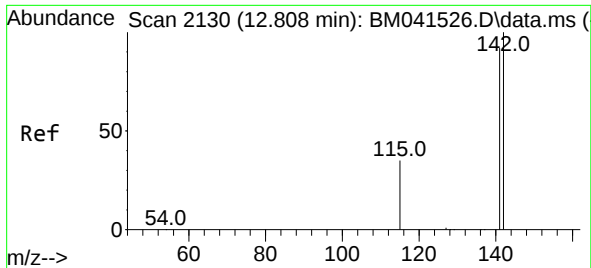
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

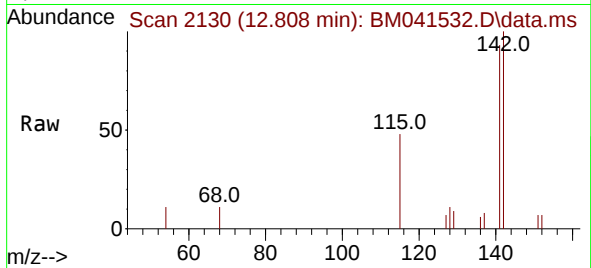
Tgt Ion:142 Resp: 3838
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

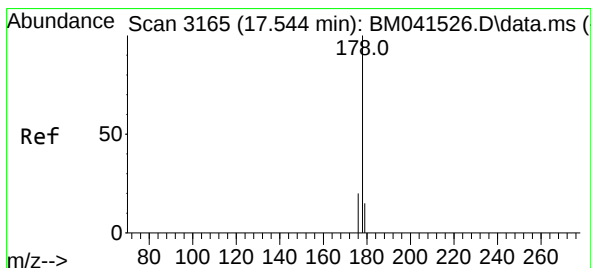
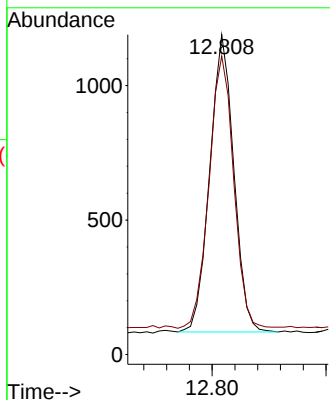
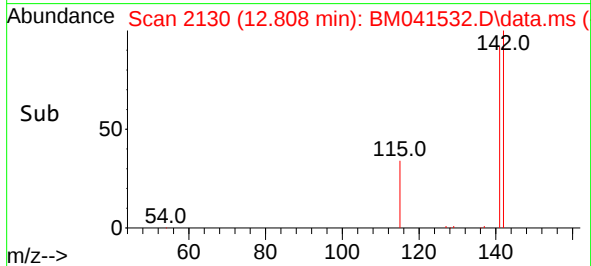
Instrument :
BNA_M
ClientSampleId :
EZYW6DL



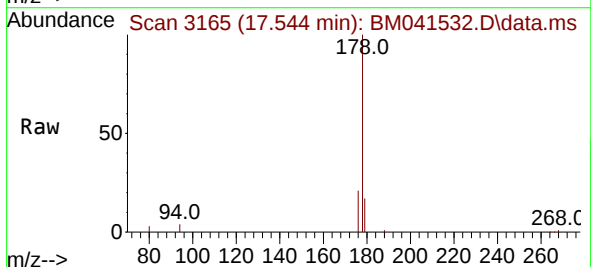
Tgt Ion:142 Resp: 161
Ion Ratio Lower Upper
142 100
141 94.1 73.9 110.9

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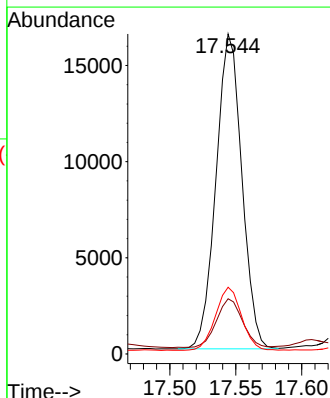
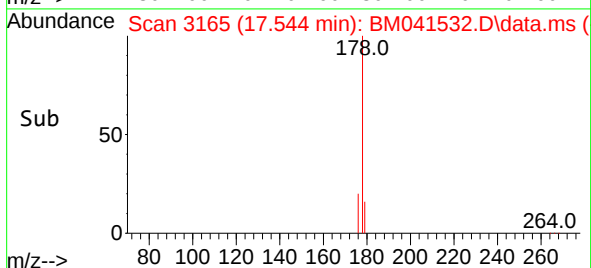
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

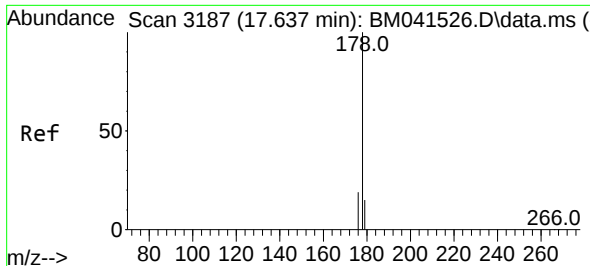


#15
Phenanthrene
Concen: 0.171 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. 0.000 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31



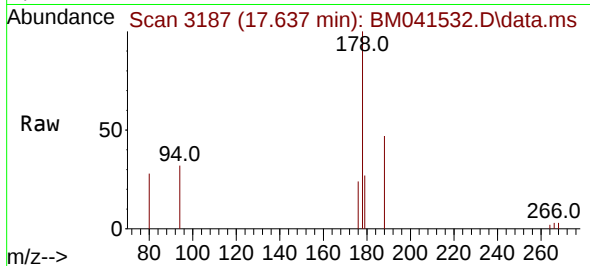
Tgt Ion:178 Resp: 22308
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 20.9 16.3 24.5





#16
 Anthracene
 Concen: 0.032 ng/u1
 RT: 17.637 min Scan# 3187
 Delta R.T. 0.000 min
 Lab File: BM041532.D
 Acq: 28 Aug 2023 21:31

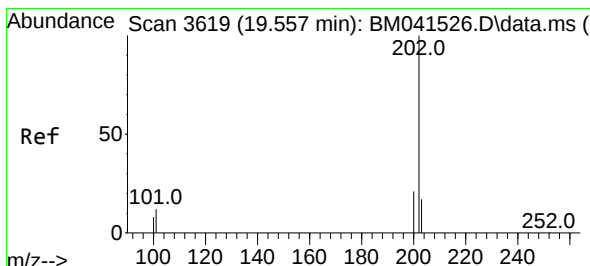
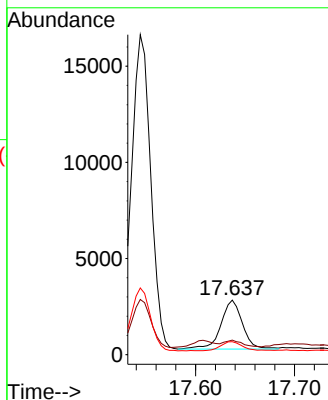
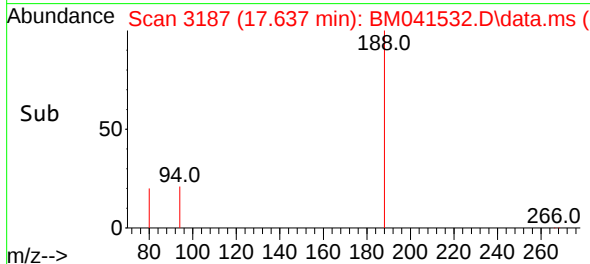
Instrument :
 BNA_M
 ClientSampleId :
 EZYW6DL



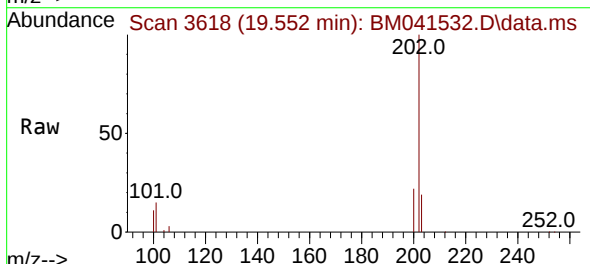
Tgt Ion:	178	Resp:	383
Ion Ratio	Lower	Upper	
178	100		
179	26.7	12.6	19.0
176	23.9	15.9	23.9

Manual Integrations
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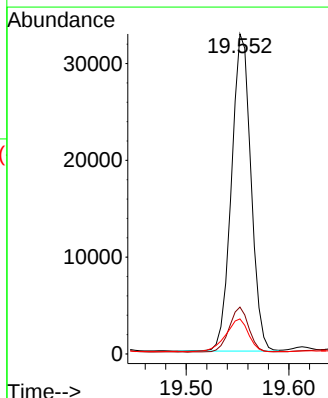
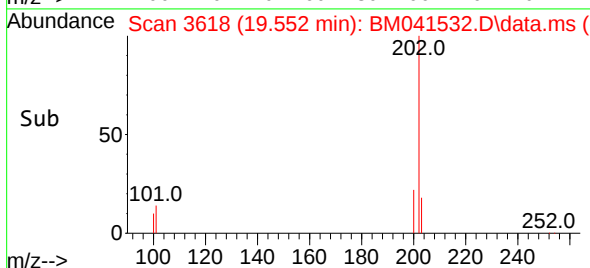
Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :mohammad ahmed 08/29/2023

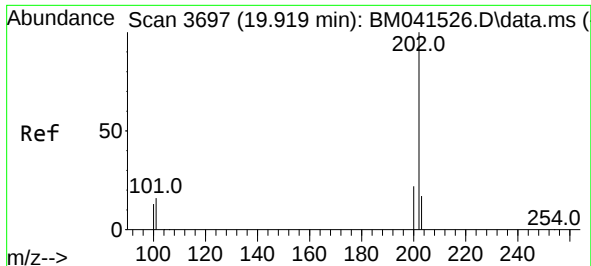


#19
 Fluoranthene
 Concen: 0.385 ng/u1
 RT: 19.552 min Scan# 3618
 Delta R.T. -0.005 min
 Lab File: BM041532.D
 Acq: 28 Aug 2023 21:31



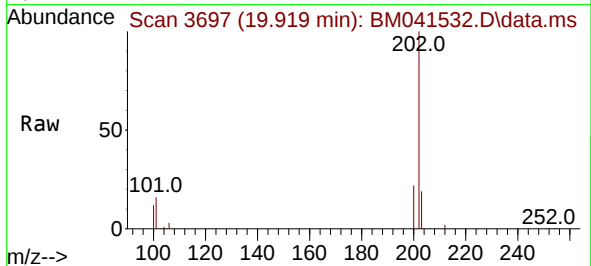
Tgt Ion:	202	Resp:	43128
Ion Ratio	Lower	Upper	
202	100		
101	14.7	10.5	15.7
100	11.0	7.8	11.6





#20
Pyrene
Concen: 0.600 ng/u1
RT: 19.919 min Scan# 3697
Delta R.T. -0.004 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

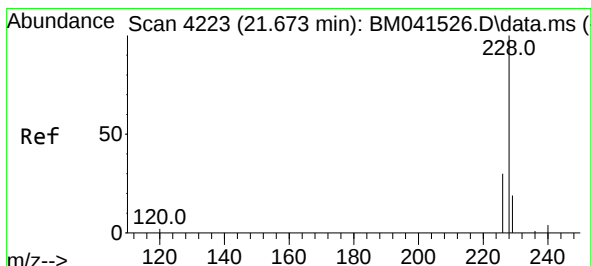
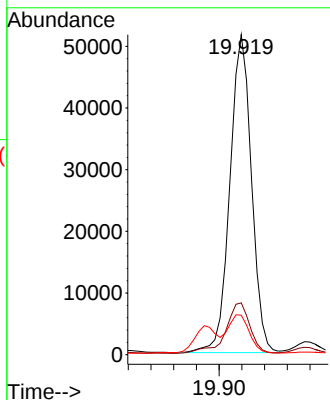
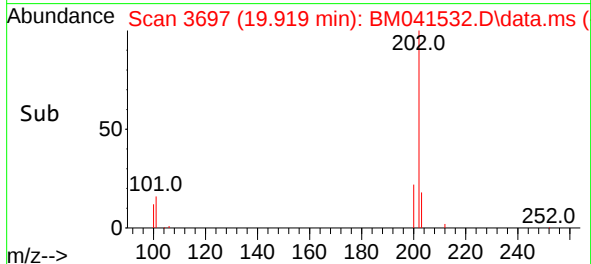
Instrument :
BNA_M
ClientSampleId :
EZYW6DL



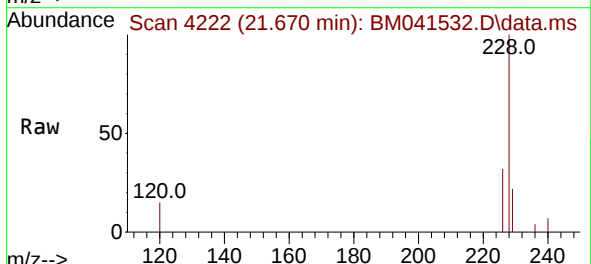
Tgt Ion:202 Resp: 67990
Ion Ratio Lower Upper
202 100
101 16.2 11.6 17.4
100 12.4 9.1 13.7

Manual Integrations
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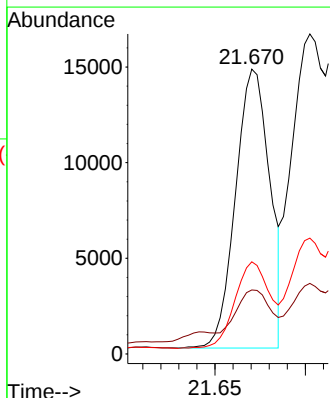
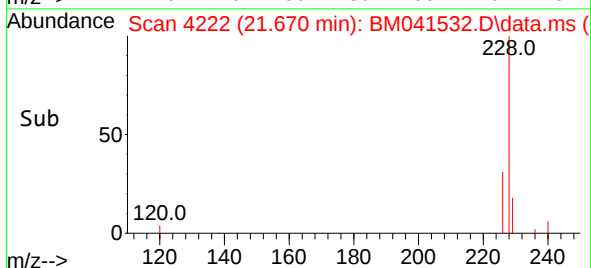
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023

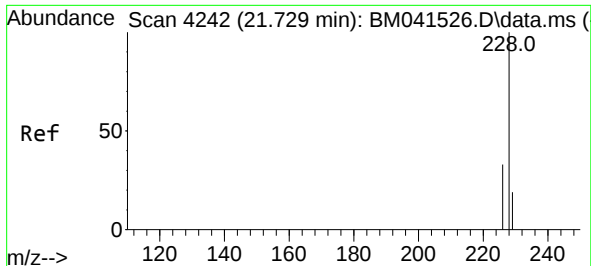


#21
Benzo(a)anthracene
Concen: 0.223 ng/u1
RT: 21.670 min Scan# 4222
Delta R.T. -0.006 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31



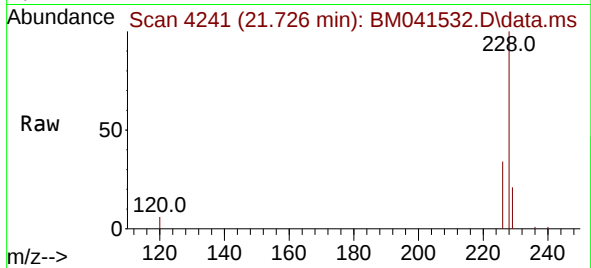
Tgt Ion:228 Resp: 19180
Ion Ratio Lower Upper
228 100
229 22.5 15.8 23.6
226 32.3 24.0 36.0





#22
Chrysene
Concen: 0.711 ng/ul m
RT: 21.726 min Scan# 4241
Delta R.T. -0.006 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

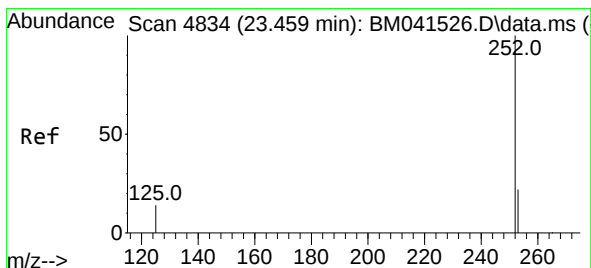
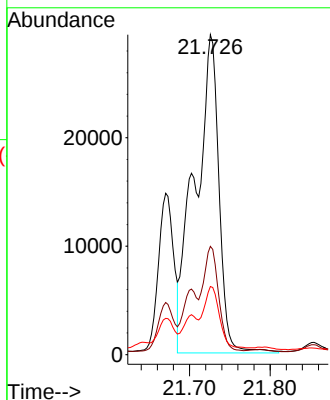
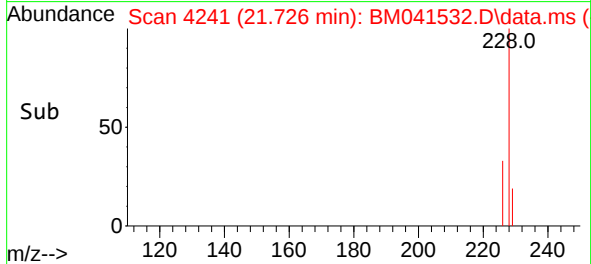
Instrument :
BNA_M
ClientSampleId :
EZYW6DL



Tgt Ion:228 Resp: 60670
Ion Ratio Lower Upper
228 100
226 33.9 26.3 39.5
229 21.3 15.4 23.2

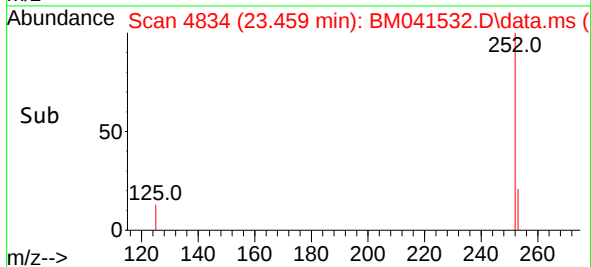
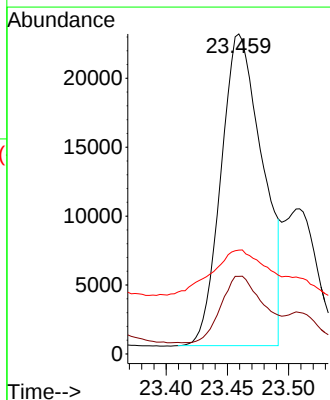
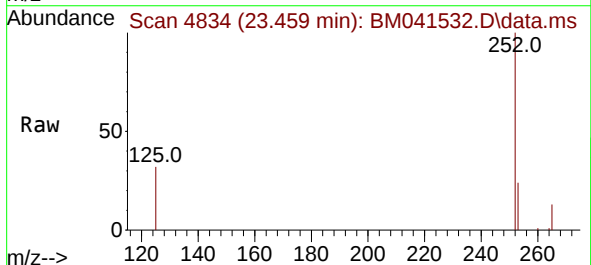
Manual Integrations
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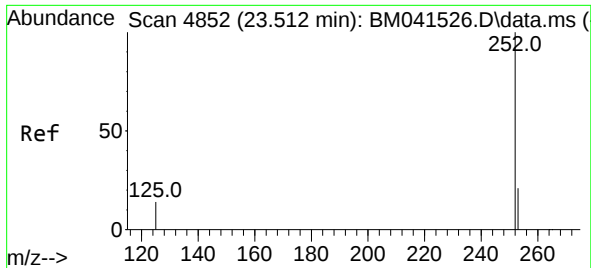
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#24
Benzo(b)fluoranthene
Concen: 0.672 ng/ul
RT: 23.459 min Scan# 4834
Delta R.T. -0.003 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

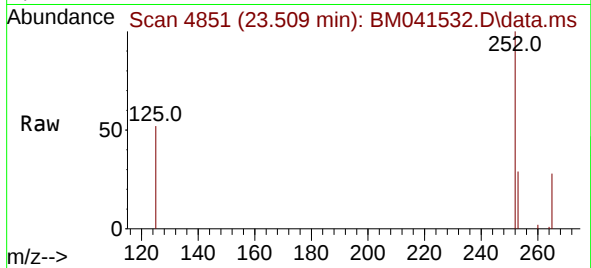
Tgt Ion:252 Resp: 53406
Ion Ratio Lower Upper
252 100
253 24.3 0.0 47.0
125 32.4 0.0 37.2





#25
Benzo(k)fluoranthene
Concen: 0.253 ng/ul m
RT: 23.509 min Scan# 4851
Delta R.T. -0.009 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

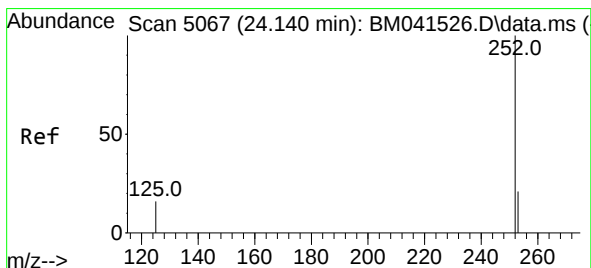
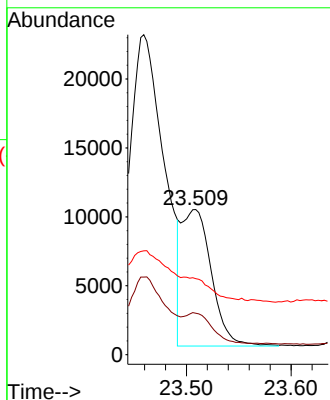
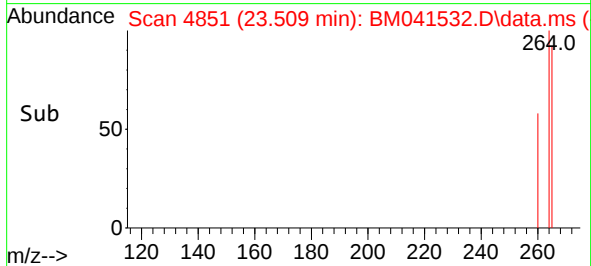
Instrument :
BNA_M
ClientSampleId :
EZYW6DL



Tgt Ion:252 Resp: 1965
Ion Ratio Lower Upper
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253 28.6 19.3 28.9
125 52.3 15.0 22.4

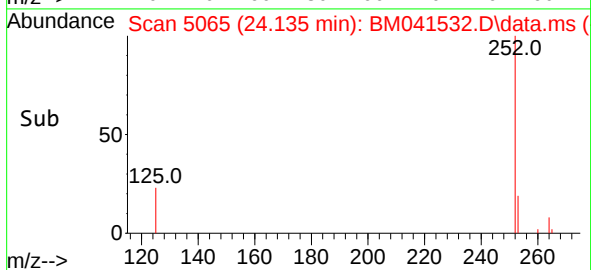
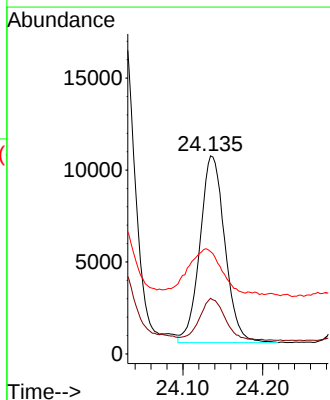
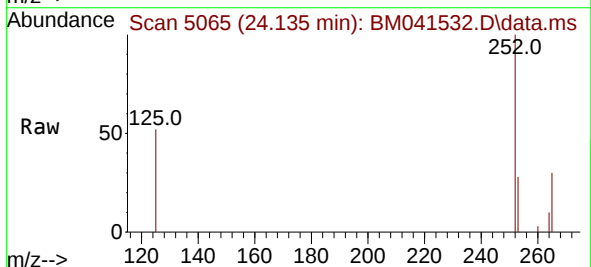
Manual Integrations
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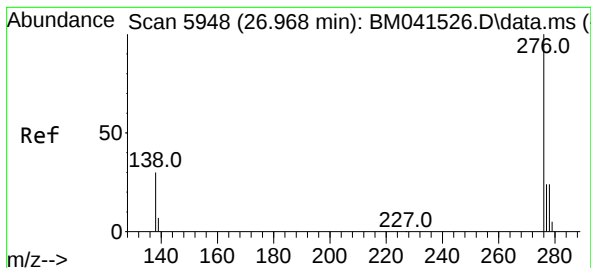
Reviewed By :Yogesh Patel 08/29/2023
Supervised By :mohammad ahmed 08/29/2023



#26
Benzo(a)pyrene
Concen: 0.308 ng/ul
RT: 24.135 min Scan# 5065
Delta R.T. -0.009 min
Lab File: BM041532.D
Acq: 28 Aug 2023 21:31

Tgt Ion:252 Resp: 22098
Ion Ratio Lower Upper
252 100
253 28.1 20.0 30.0
125 51.7 17.1 25.7





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.290 ng/ul

RT: 26.964 min Scan# 5948

Delta R.T. -0.007 min

Lab File: BM041532.D

Acq: 28 Aug 2023 21:31

Instrument :

BNA_M

ClientSampleId :

EZYW6DL

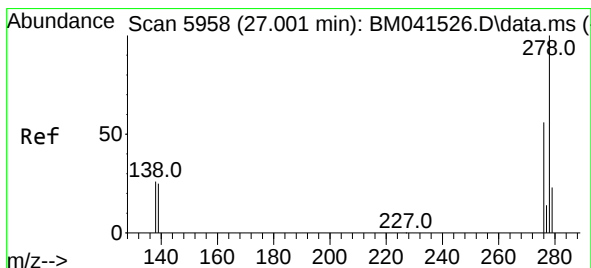
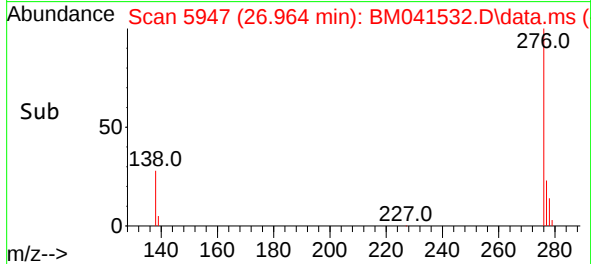
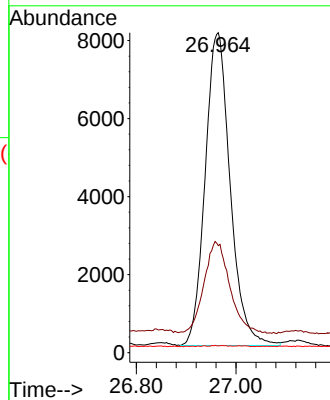
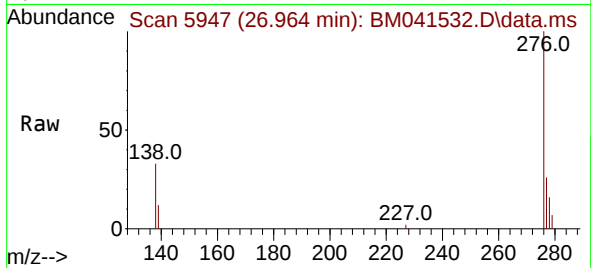
Tgt Ion:	276	Resp:	2795
Ion Ratio	Lower	Upper	
276	100		
138	29.8	27.3	40.9
227	0.1	0.0	0.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/29/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.090 ng/ul

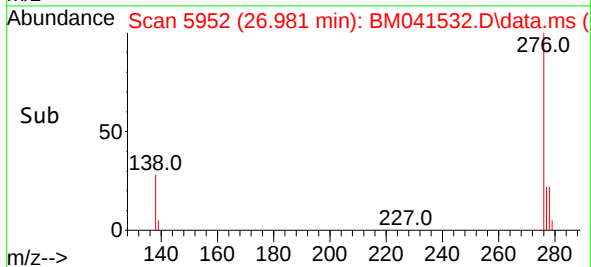
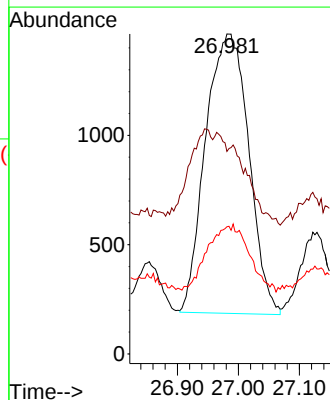
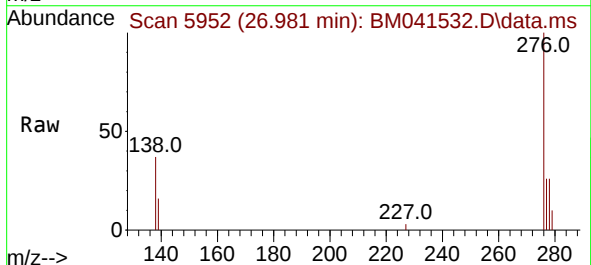
RT: 26.981 min Scan# 5952

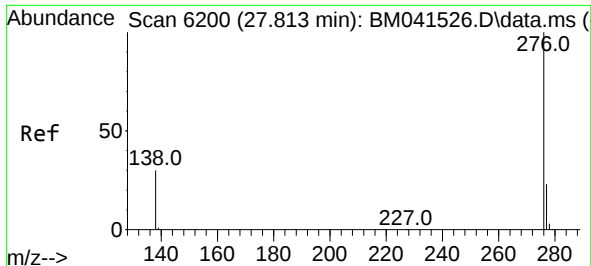
Delta R.T. -0.027 min

Lab File: BM041532.D

Acq: 28 Aug 2023 21:31

Tgt Ion:	278	Resp:	6277
Ion Ratio	Lower	Upper	
278	100		
139	63.3	22.2	33.2#
279	39.8	20.4	30.6#





#29

Benzo(g,h,i)perylene

Concen: 0.400 ng/ul

RT: 27.806 min Scan# 61

Delta R.T. -0.010 min

Lab File: BM041532.D

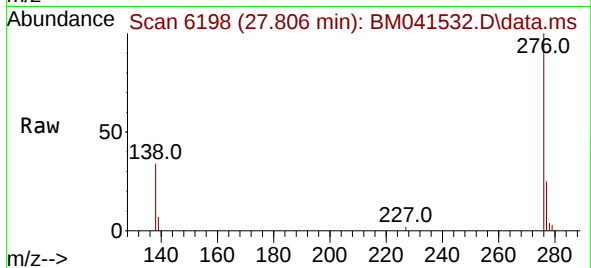
Acq: 28 Aug 2023 21:31

Instrument :

BNA_M

ClientSampleId :

EZYW6DL



Tgt Ion:276 Resp: 3232

Ion Ratio Lower Upper

276 100

138 33.9 25.9 38.9

277 24.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/29/2023

Supervised By :mohammad ahmed 08/29/2023

