

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
 Data File : BM041508.D
 Acq On : 26 Aug 2023 00:07
 Operator : MA/JU
 Sample : 04037-10
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZJ4

Manual Integrations
 APPROVED

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

Quant Time: Aug 26 01:18:54 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	8.118	152	12507	0.400	ng/ul	0.00
4) Naphthalene-d8	10.949	136	34101	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.759	164	16118	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.510	188	27307	0.400	ng/ul	0.00
17) Chrysene-d12	21.696	240	13183	0.400	ng/ul	# 0.00
23) Perylene-d12	24.269	264	15912	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.448	96	60265	3.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.528	152	8566	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.533	212	10905	0.188	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.999	128	9298	0.091	ng/ul#	95
7) 2-Methylnaphthalene	12.599	142	5614	0.092	ng/ul	99
8) 1-Methylnaphthalene	12.819	142	2122	0.034	ng/ul	98
10) Acenaphthylene	14.486	152	2742	0.028	ng/ul#	81
11) Acenaphthene	14.819	153	3384	0.050	ng/ul	99
15) Phenanthrene	17.552	178	48715	0.486	ng/ul	99
16) Anthracene	17.645	178	6748m	0.074	ng/ul	
19) Fluoranthene	19.561	202	94491	0.781	ng/ul	99
20) Pyrene	19.929	202	114578	0.939	ng/ul	99
21) Benzo(a)anthracene	21.679	228	56971	0.664	ng/ul	95
22) Chrysene	21.734	228	89541	0.966	ng/ul	96
24) Benzo(b)fluoranthene	23.468	252	144914	1.330	ng/ul#	80
25) Benzo(k)fluoranthene	23.520	252	51927m	0.476	ng/ul	
26) Benzo(a)pyrene	24.152	252	71906	0.803	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.984	276	90702	0.811	ng/ul#	88
28) Dibenzo(a,h)anthracene	27.011	278	23185	0.271	ng/ul#	9
29) Benzo(g,h,i)perylene	27.833	276	90148	0.915	ng/ul	95

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

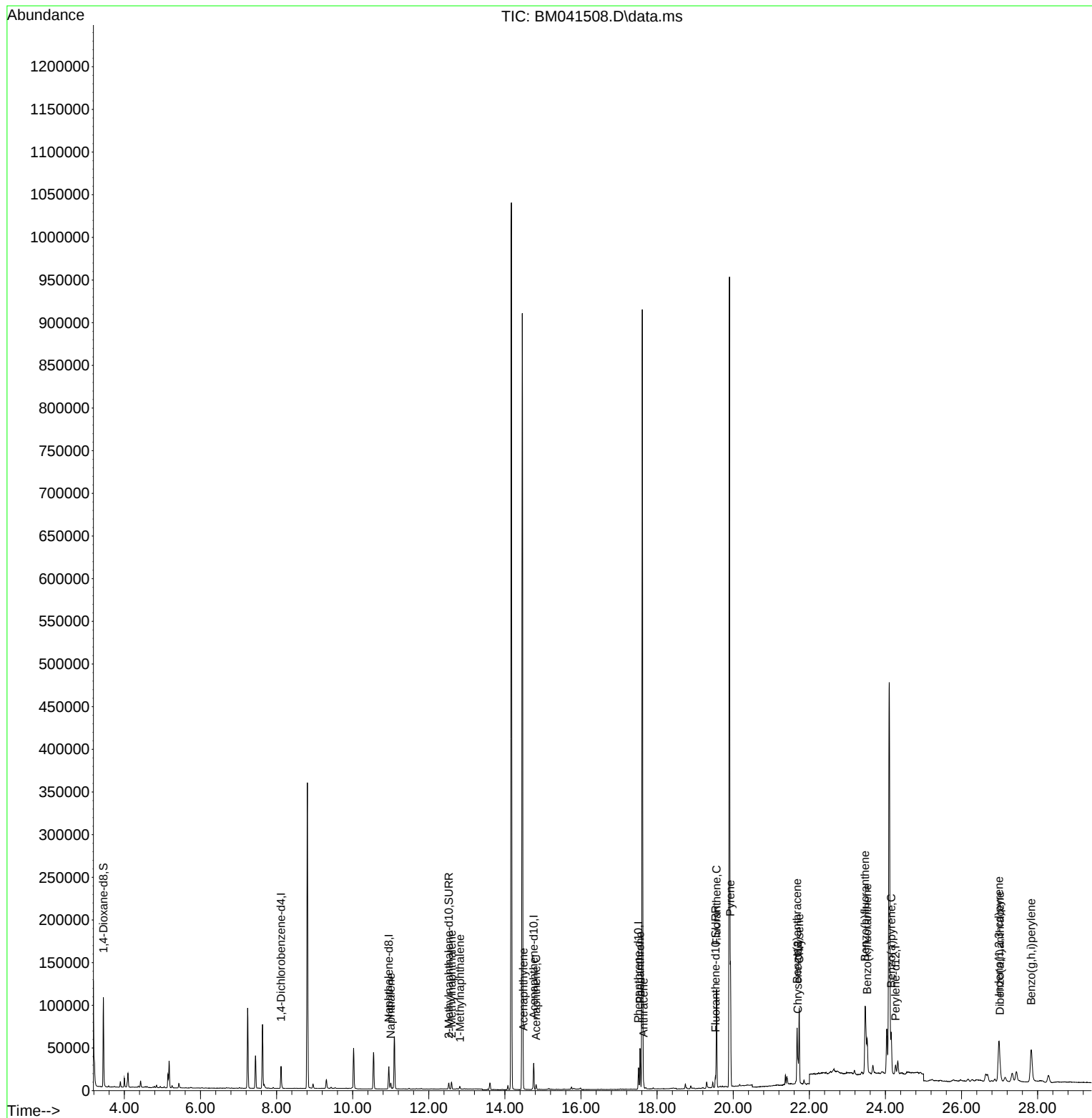
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082423\
Data File : BM041508.D
Acq On : 26 Aug 2023 00:07
Operator : MA/JU
Sample : 04037-10
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ALS Vial : 46 Sample Multiplier: 1

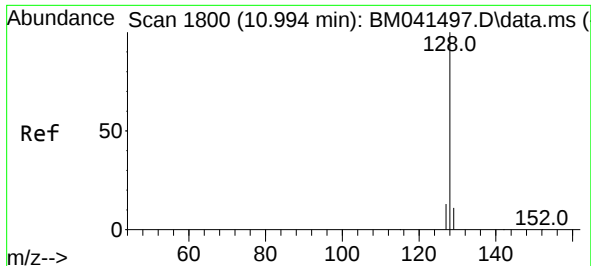
Instrument :
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EZYJ4

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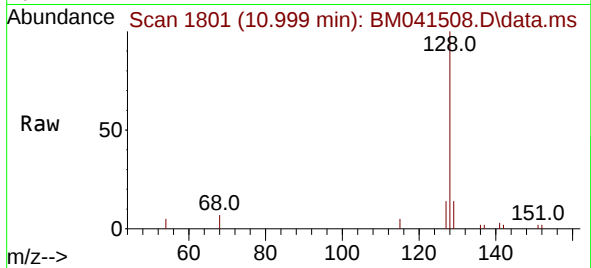
Quant Time: Aug 26 01:18:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 24 18:34:12 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.091 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

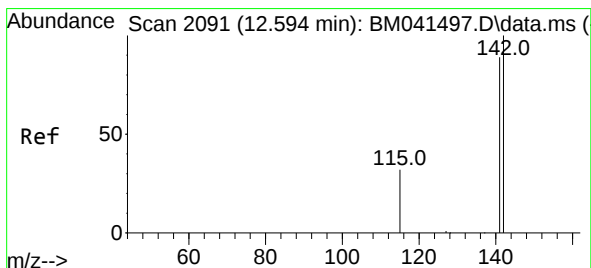
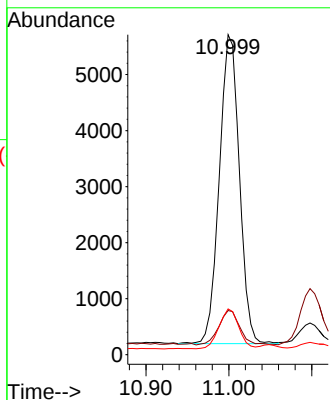
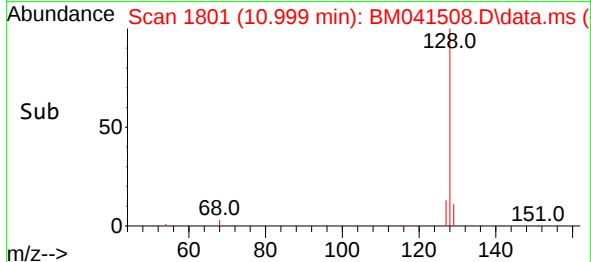
Instrument :
BNA_M
ClientSampleId :
EZYJ4



Tgt Ion:128 Resp: 9298
Ion Ratio Lower Upper
128 100
129 13.8 8.9 13.3
127 14.3 10.6 15.8

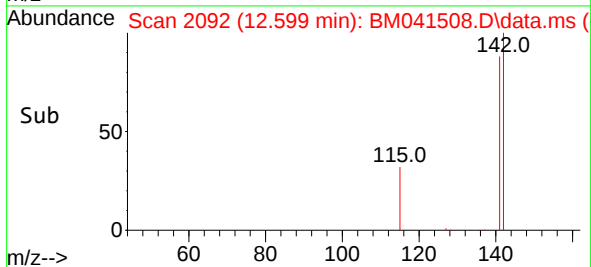
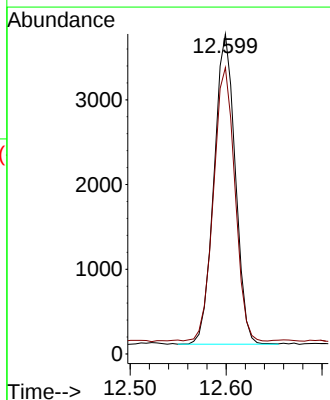
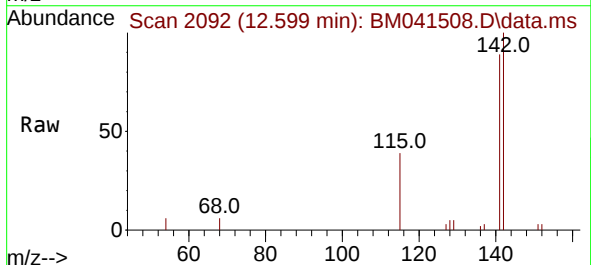
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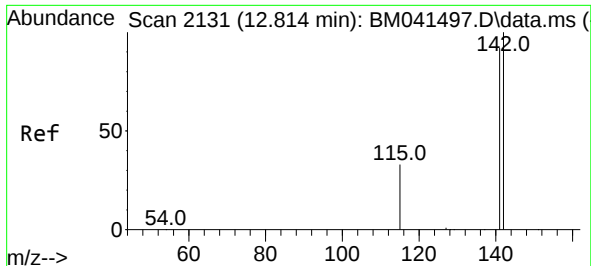
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.599 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

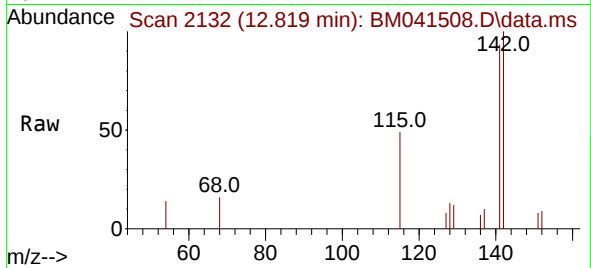
Tgt Ion:142 Resp: 5614
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.819 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

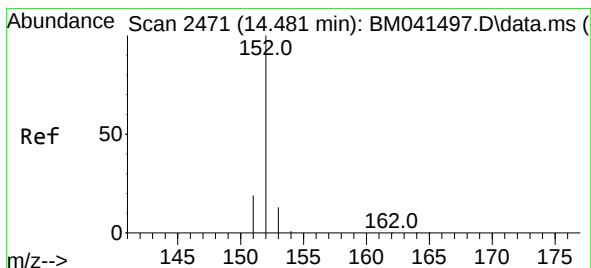
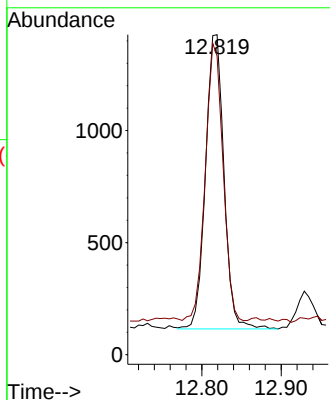
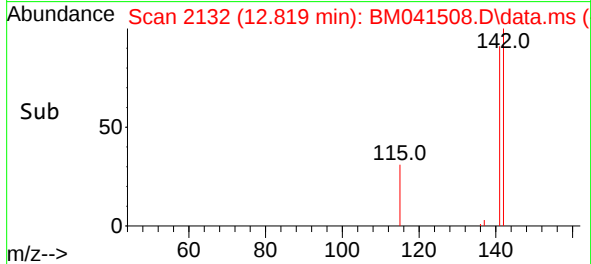
Instrument :
BNA_M
ClientSampleId :
EZYJ4



Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
141 90.1 73.4 110.2

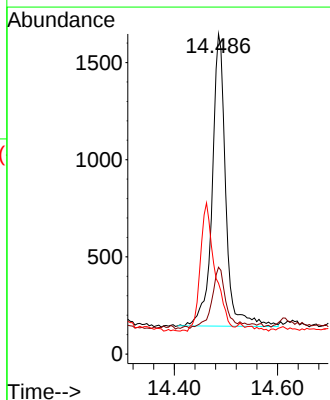
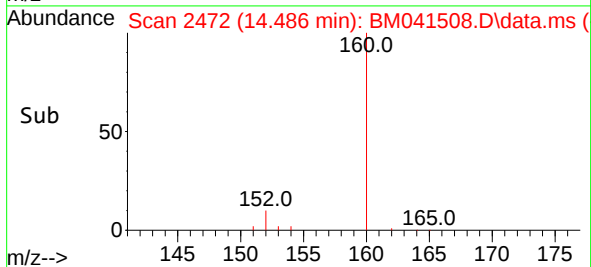
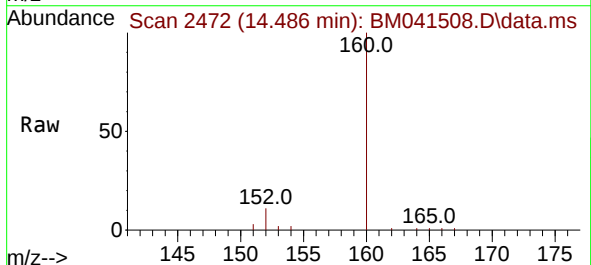
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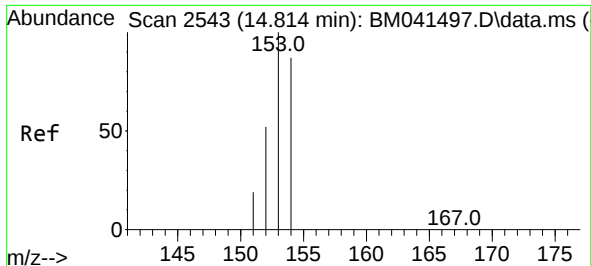
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.486 min Scan# 2472
Delta R.T. -0.000 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

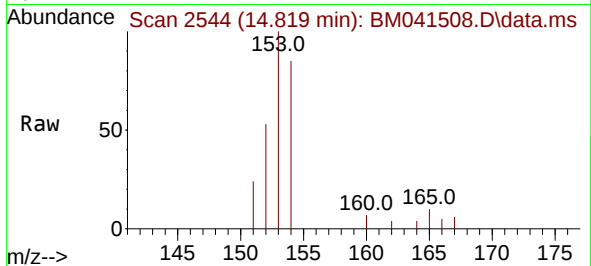
Tgt Ion:152 Resp: 2742
Ion Ratio Lower Upper
152 100
151 27.1 15.8 23.6#
153 22.1 10.6 15.8#





#11
Acenaphthene
Concen: 0.050 ng/u1
RT: 14.819 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

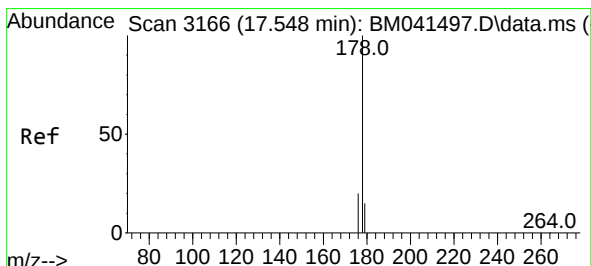
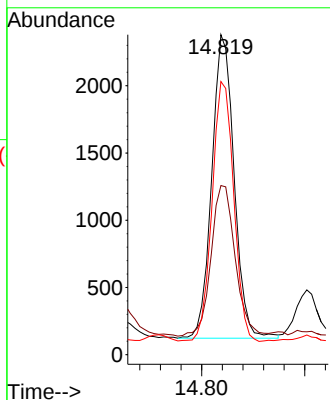
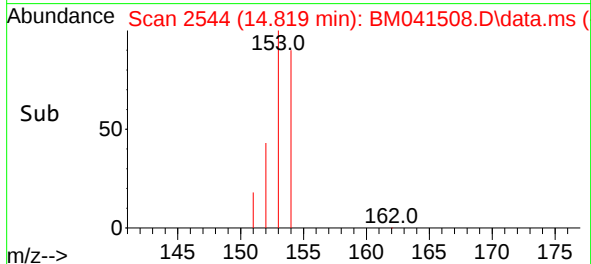
Instrument :
BNA_M
ClientSampleId :
EZYJ4



Tgt Ion:153 Resp: 3384
Ion Ratio Lower Upper
153 100
152 52.9 42.9 64.3
154 85.4 68.9 103.3

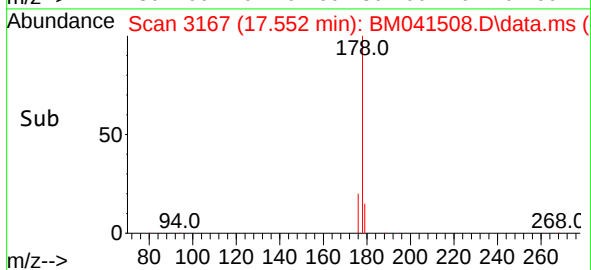
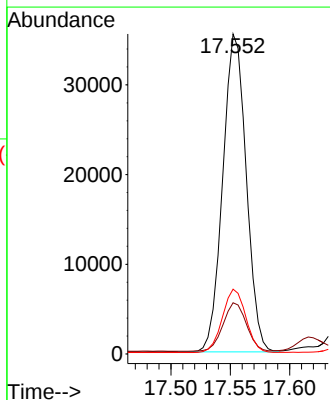
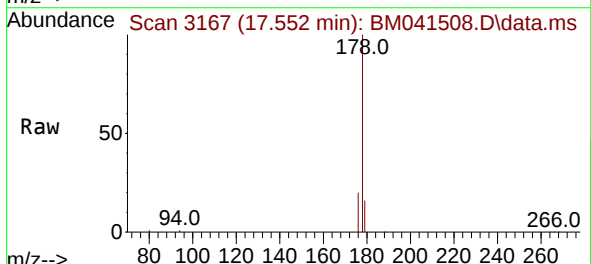
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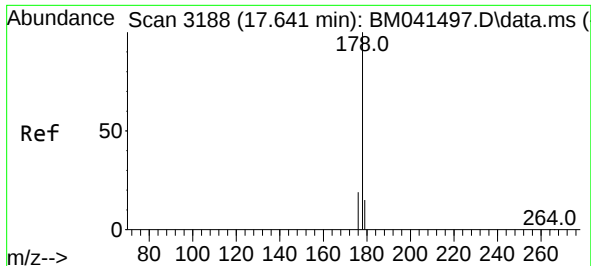
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#15
Phenanthrene
Concen: 0.486 ng/u1
RT: 17.552 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

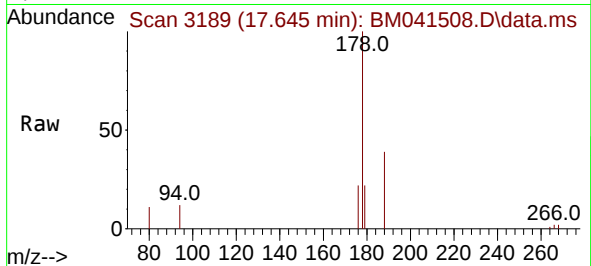
Tgt Ion:178 Resp: 48715
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 20.2 15.8 23.8





#16
 Anthracene
 Concen: 0.074 ng/ul m
 RT: 17.645 min Scan# 3188
 Delta R.T. -0.000 min
 Lab File: BM041508.D
 Acq: 26 Aug 2023 00:07

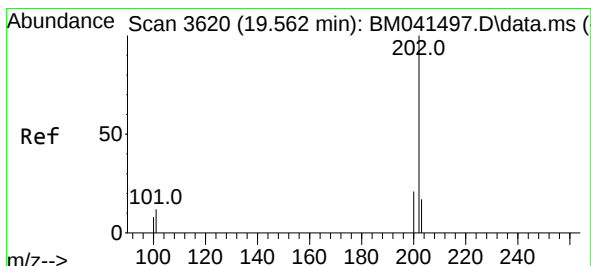
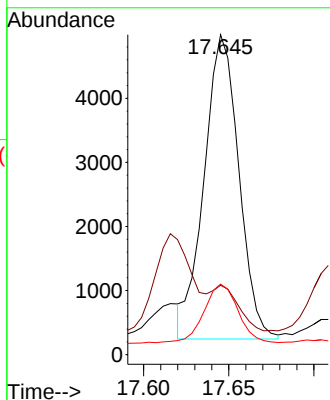
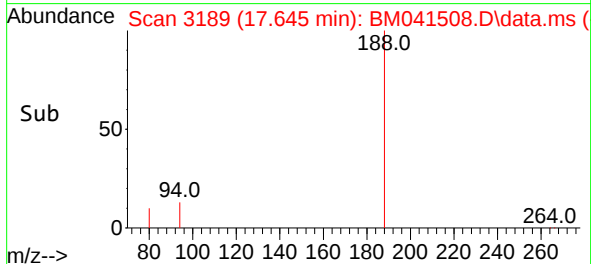
Instrument :
 BNA_M
 ClientSampleId :
 EZYJ4



Tgt Ion:178 Resp: 6748
 Ion Ratio Lower Upper
 178 100
 179 21.7 12.6 18.8
 176 22.0 15.5 23.3

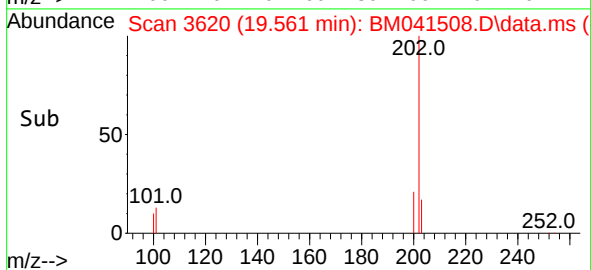
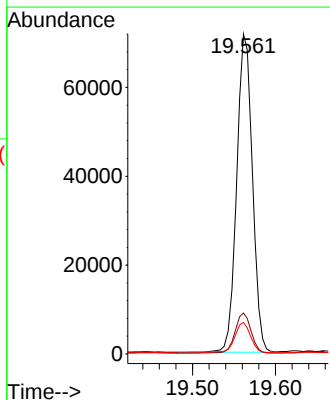
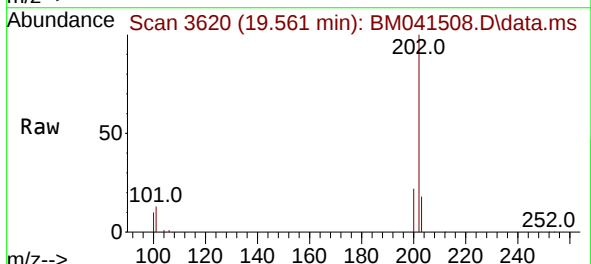
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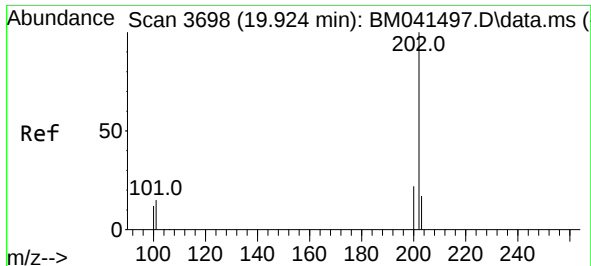
Reviewed By :Yogesh Patel 08/26/2023
 Supervised By :mohammad ahmed 08/26/2023



#19
 Fluoranthene
 Concen: 0.781 ng/ul
 RT: 19.561 min Scan# 3620
 Delta R.T. -0.005 min
 Lab File: BM041508.D
 Acq: 26 Aug 2023 00:07

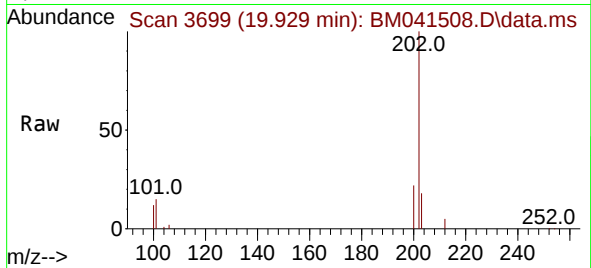
Tgt Ion:202 Resp: 94491
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.0 16.6
 100 9.8 7.9 11.9





#20
Pyrene
Concen: 0.939 ng/u1
RT: 19.929 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

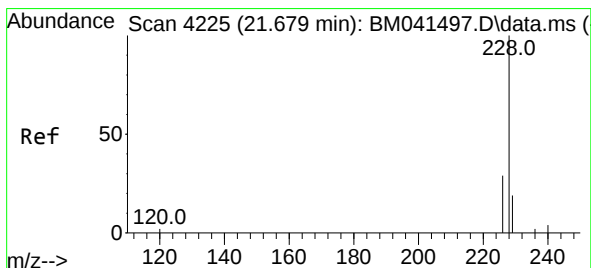
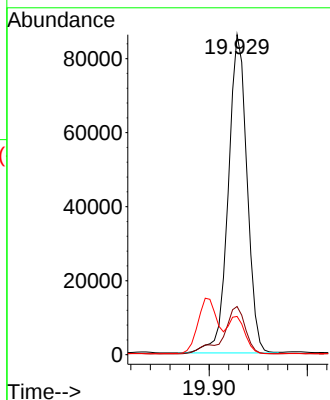
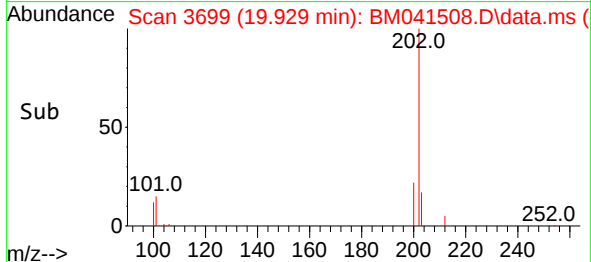
Instrument :
BNA_M
ClientSampleId :
EZYJ4



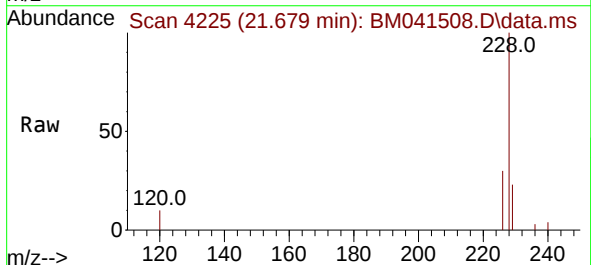
Tgt Ion:202 Resp: 114578
Ion Ratio Lower Upper
202 100
101 15.1 12.2 18.2
100 12.0 9.8 14.8

Manual Integrations
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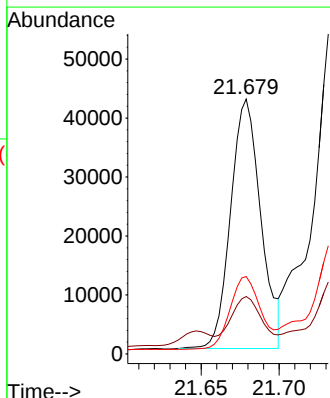
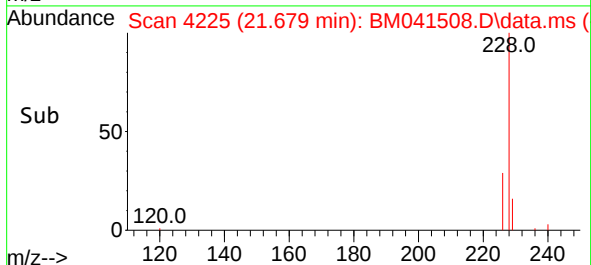
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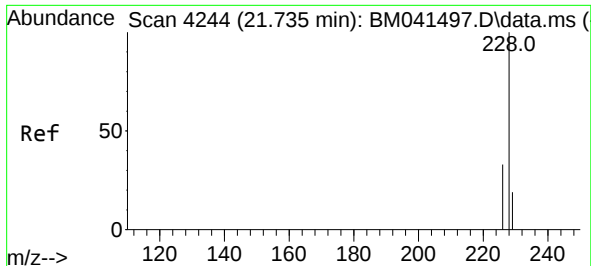


#21
Benzo(a)anthracene
Concen: 0.664 ng/u1
RT: 21.679 min Scan# 4225
Delta R.T. -0.009 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07



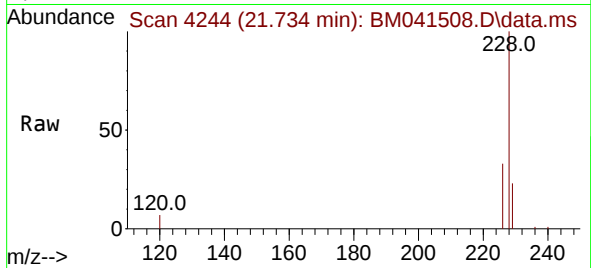
Tgt Ion:228 Resp: 56971
Ion Ratio Lower Upper
228 100
229 22.6 15.3 22.9
226 30.4 22.7 34.1





#22
Chrysene
Concen: 0.966 ng/ul
RT: 21.734 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

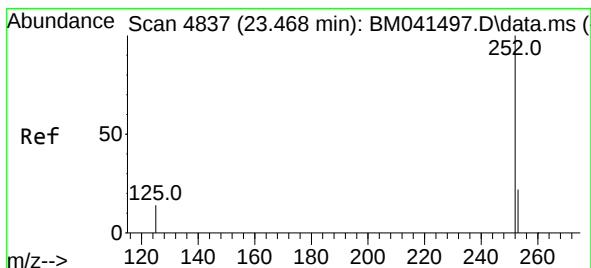
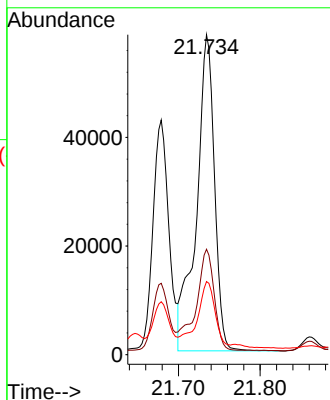
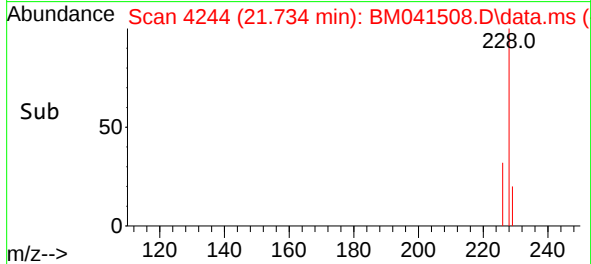
Instrument :
BNA_M
ClientSampleId :
EZYJ4



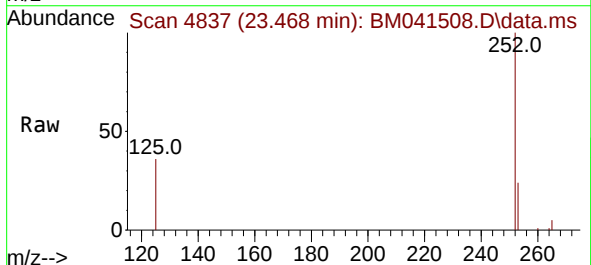
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Ion Ratio Lower Upper
228 100
226 32.9 25.6 38.4
229 22.8 15.7 23.5

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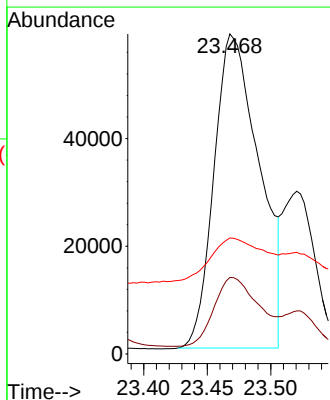
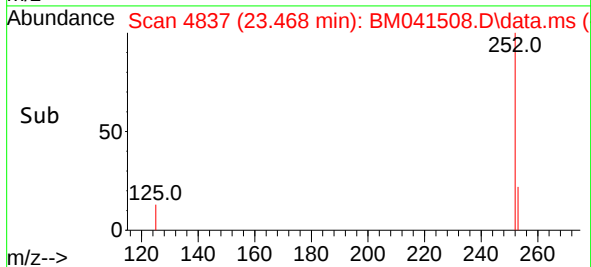
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023

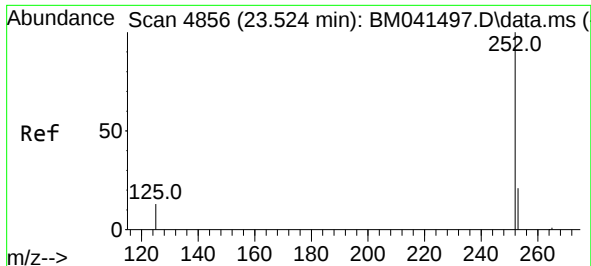


#24
Benzo(b)fluoranthene
Concen: 1.330 ng/ul
RT: 23.468 min Scan# 4837
Delta R.T. -0.015 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07



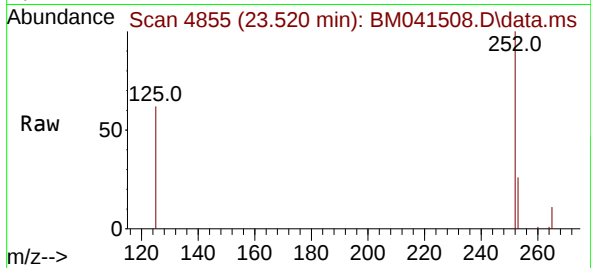
Tgt Ion:252 Resp: 144914
Ion Ratio Lower Upper
252 100
253 23.9 0.0 46.8
125 36.3 0.0 32.8#





#25
Benzo(k)fluoranthene
Concen: 0.476 ng/ul m
RT: 23.520 min Scan# 4856
Delta R.T. -0.015 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

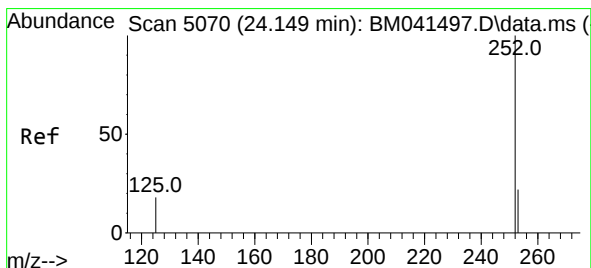
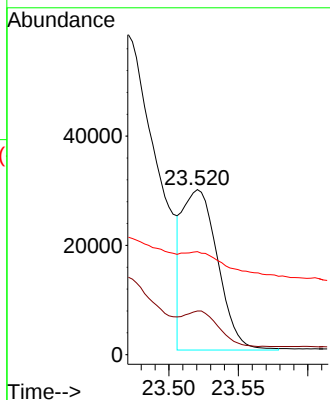
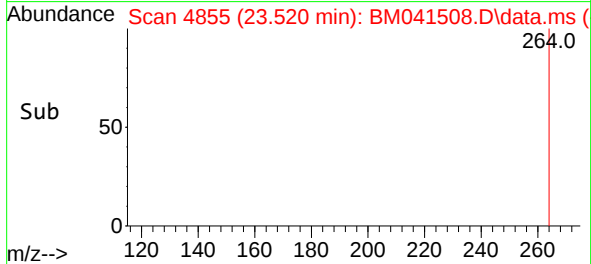
Instrument :
BNA_M
ClientSampleId :
EZYJ4



Tgt Ion:252 Resp: 51927
Ion Ratio Lower Upper
252 100
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125 62.4 13.4 20.0

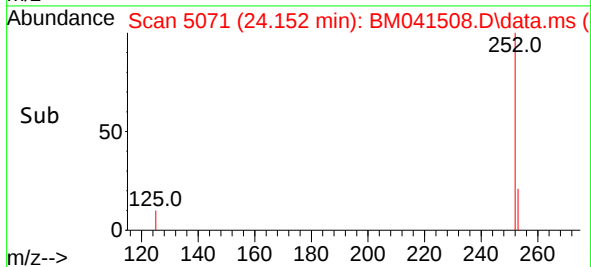
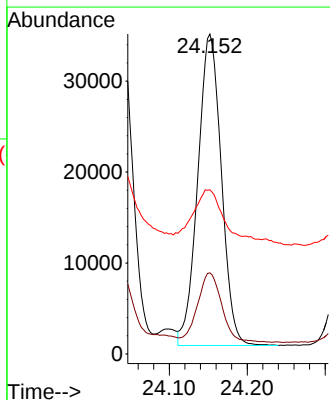
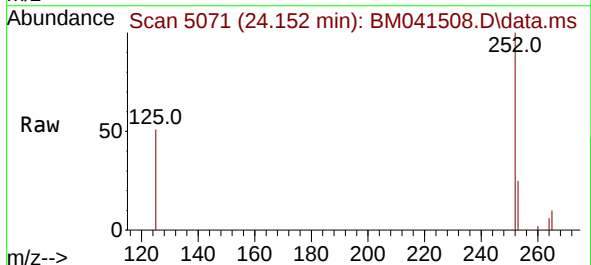
Manual Integrations
APPROVED

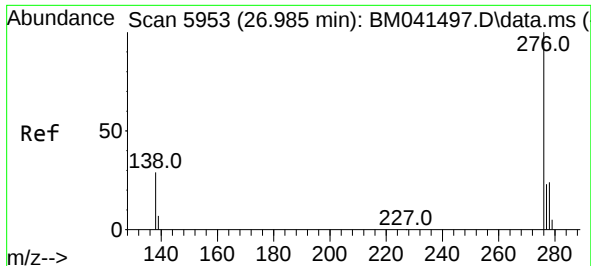
Reviewed By :Yogesh Patel 08/26/2023
Supervised By :mohammad ahmed 08/26/2023



#26
Benzo(a)pyrene
Concen: 0.803 ng/ul
RT: 24.152 min Scan# 5071
Delta R.T. -0.012 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

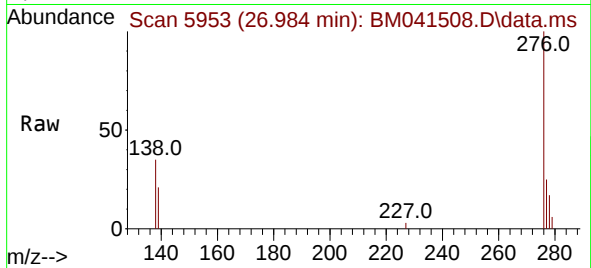
Tgt Ion:252 Resp: 71906
Ion Ratio Lower Upper
252 100
253 25.4 19.5 29.3
125 51.3 16.0 24.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.811 ng/ul
RT: 26.984 min Scan# 5953
Delta R.T. -0.020 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

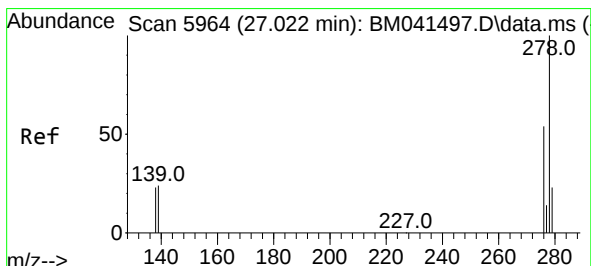
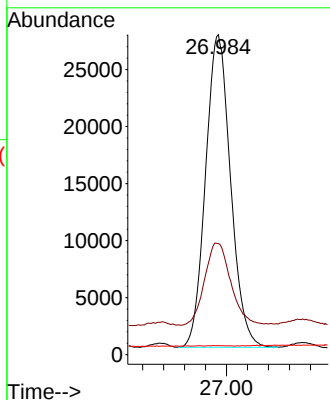
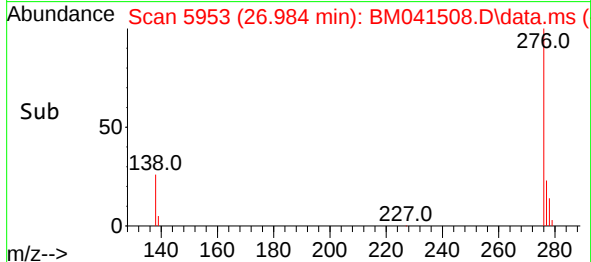
Instrument :
BNA_M
ClientSampleId :
EZYJ4



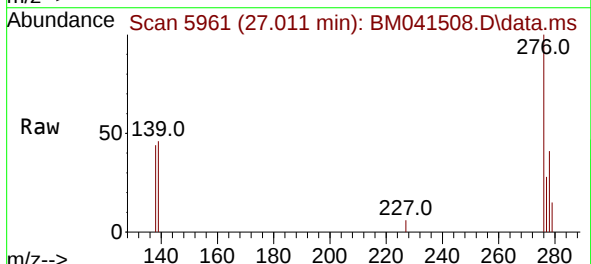
Tgt Ion: 276 Resp: 9070
Ion Ratio Lower Upper
276 100
138 27.7 27.8 41.6
227 0.1 0.0 0.0

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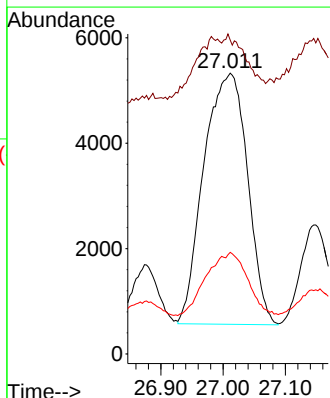
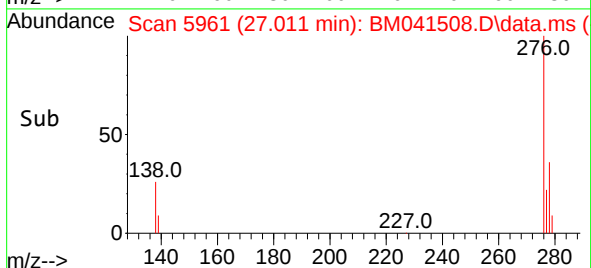
Reviewed By : Yogesh Patel 08/26/2023
Supervised By : mohammad ahmed 08/26/2023

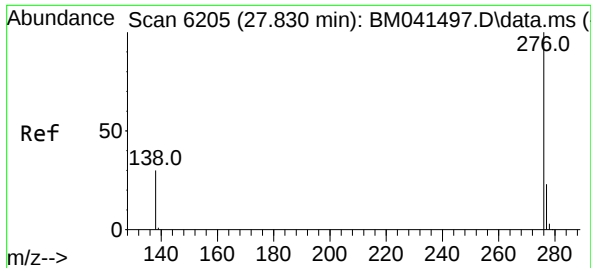


#28
Dibenzo(a,h)anthracene
Concen: 0.271 ng/ul
RT: 27.011 min Scan# 5961
Delta R.T. -0.034 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07



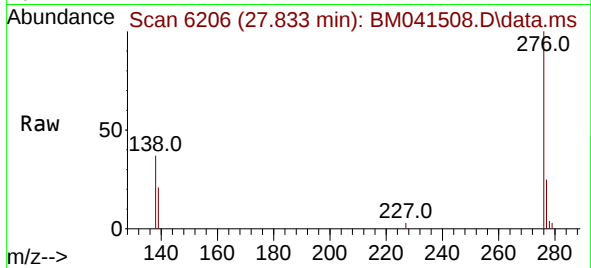
Tgt Ion: 278 Resp: 23185
Ion Ratio Lower Upper
278 100
139 111.8 21.9 32.9#
279 36.2 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.915 ng/ul
RT: 27.833 min Scan# 61
Delta R.T. -0.020 min
Lab File: BM041508.D
Acq: 26 Aug 2023 00:07

Instrument :
BNA_M
ClientSampleId :
EZYJ4



Tgt Ion:276 Resp: 90148
Ion Ratio Lower Upper
276 100
138 36.6 25.9 38.9
277 25.4 19.4 29.2

Manual Integrations
APPROVED

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

