

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
 Data File : BM048492.D
 Acq On : 07 Nov 2024 00:48
 Operator : RC/JU
 Sample : P4634-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CC0P9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 01:20:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 14:39:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.674	152	4766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.462	136	14960	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.320	164	7965	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.064	188	15516	0.400	ng/ul	-0.02
17) Chrysene-d12	21.251	240	13248	0.400	ng/ul	#-0.01
23) Perylene-d12	23.472	264	13719m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	9710	1.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.063	152	2251	0.116	ng/ul	-0.01
18) Fluoranthene-d10	19.098	212	5199	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.506	128	3146	0.084	ng/ul#	91
7) 2-Methylnaphthalene	12.134	142	849	0.036	ng/ul	88
8) 1-Methylnaphthalene	12.354	142	1020	0.042	ng/ul	97
10) Acenaphthylene	14.038	152	1033	0.034	ng/ul#	71
14) Pentachlorophenol	16.730	266	118	0.021	ng/ul	99
15) Phenanthrene	17.106	178	6525	0.160	ng/ul	96
16) Anthracene	17.199	178	1307	0.034	ng/ul#	69
19) Fluoranthene	19.126	202	7189	0.147	ng/ul#	88
20) Pyrene	19.489	202	7411	0.139	ng/ul#	90
21) Benzo(a)anthracene	21.234	228	5433	0.125	ng/ul#	77
22) Chrysene	21.286	228	10044	0.193	ng/ul#	84
24) Benzo(b)fluoranthene	22.809	252	12260m	0.287	ng/ul	
25) Benzo(k)fluoranthene	22.844	252	3295m	0.066	ng/ul	
26) Benzo(a)pyrene	23.370	252	2718	0.065	ng/ul#	29
27) Indeno(1,2,3-cd)pyrene	25.719	276	4668	0.080	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.722	278	2478	0.055	ng/ul#	1
29) Benzo(g,h,i)perylene	26.403	276	5445	0.111	ng/ul#	67

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

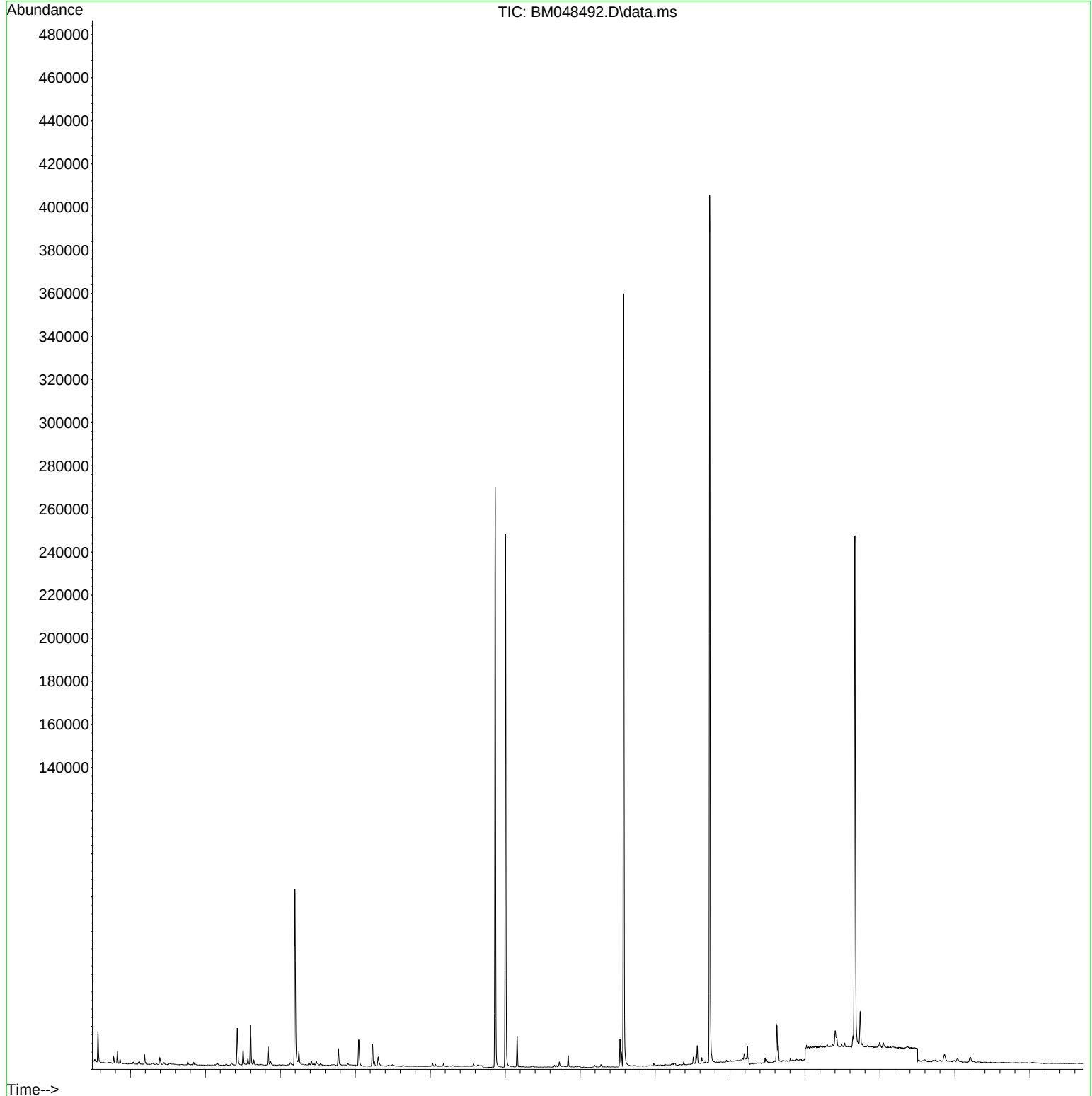
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110624\
Data File : BM048492.D
Acq On : 07 Nov 2024 00:48
Operator : RC/JU
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ALS Vial : 25 Sample Multiplier: 1

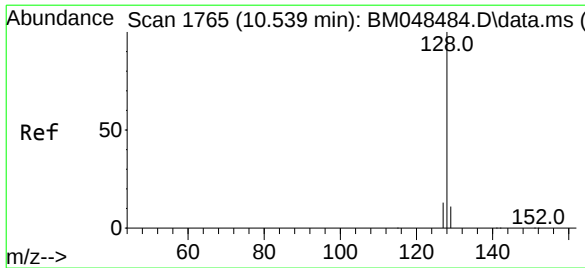
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Supervised By :mohammad ahmed 11/11/2024

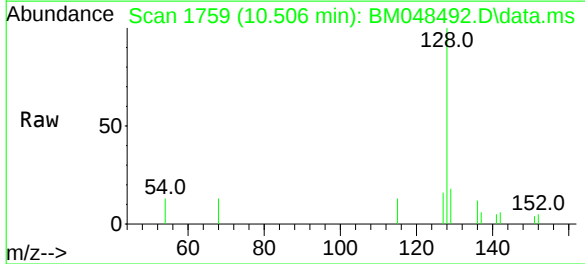
Quant Time: Nov 07 01:20:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 14:39:10 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.506 min Scan# 1765
Delta R.T. -0.017 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

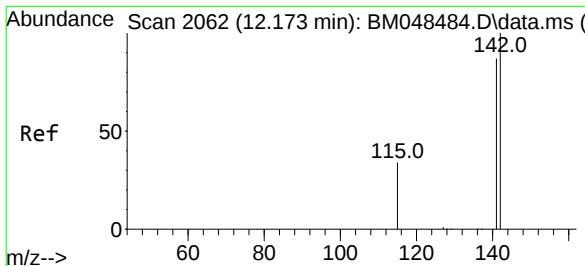
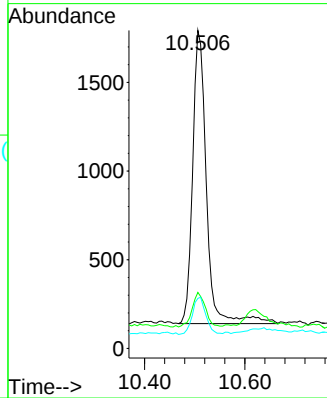
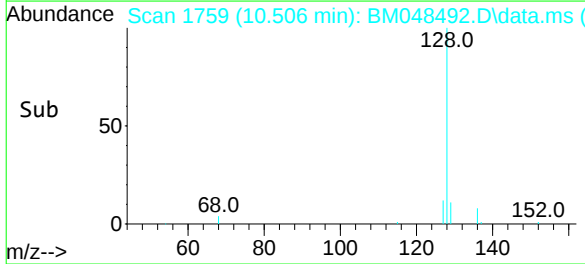
Instrument :
BNA_M
ClientSampleId :
CC0P9



Tgt Ion:128 Resp: 3146
Ion Ratio Lower Upper
128 100
129 17.6 10.0 15.0#
127 15.7 10.9 16.3

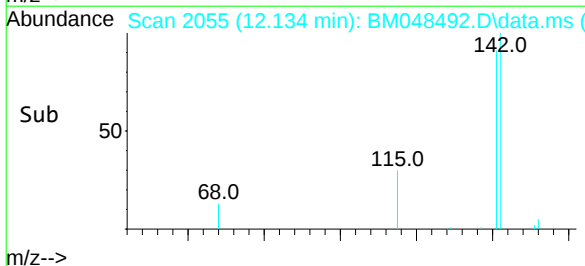
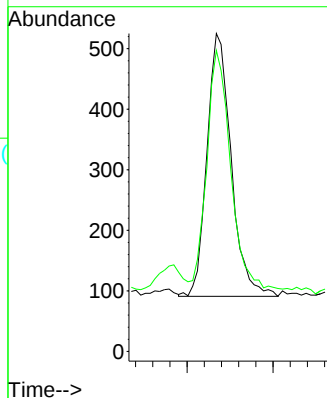
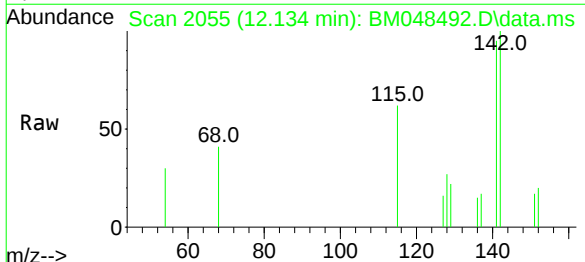
Manual Integrations
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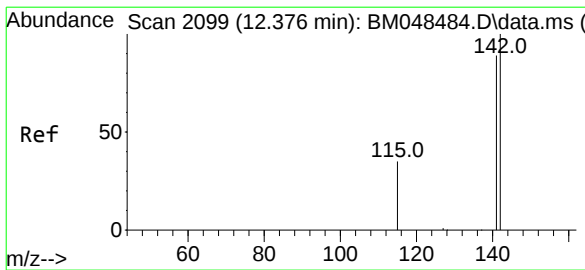
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.017 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

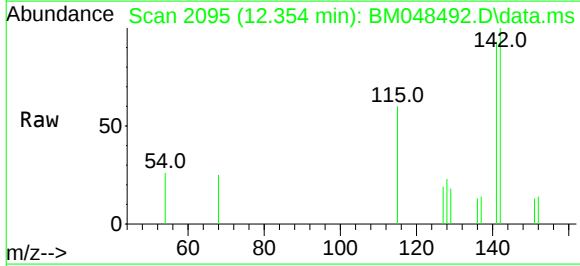
Tgt Ion:142 Resp: 849
Ion Ratio Lower Upper
142 100
141 96.6 68.6 103.0





#8
1-Methylnaphthalene
Concen: 0.042 ng/u1
RT: 12.354 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

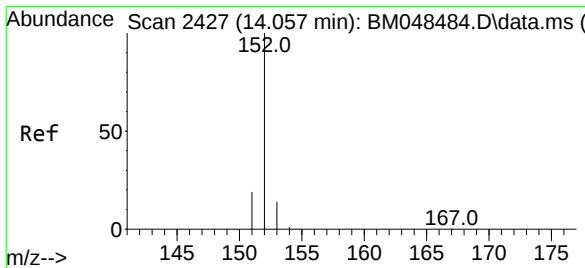
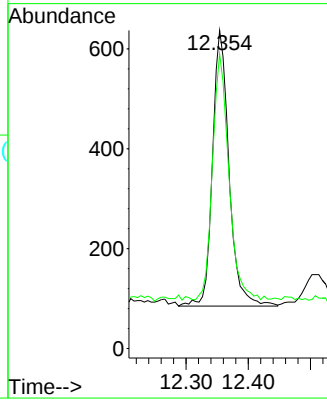
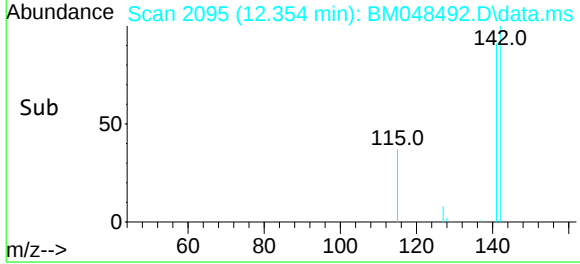
Instrument :
BNA_M
ClientSampleId :
CC0P9



Tgt Ion:142 Resp: 1020
Ion Ratio Lower Upper
142 100
141 88.0 72.8 109.2

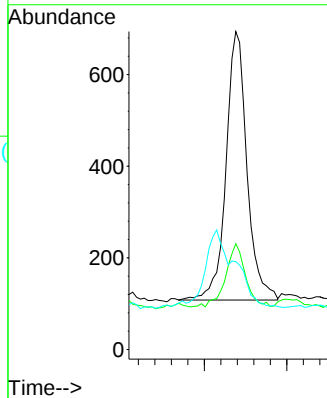
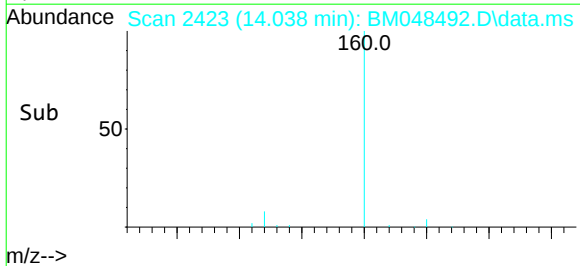
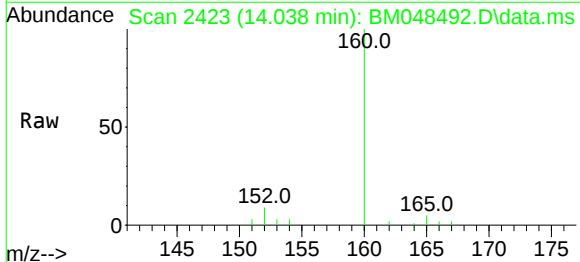
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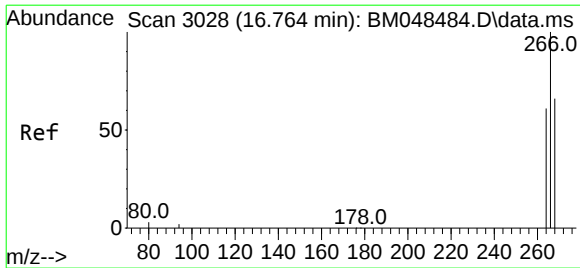
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#10
Acenaphthylene
Concen: 0.034 ng/u1
RT: 14.038 min Scan# 2423
Delta R.T. -0.014 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

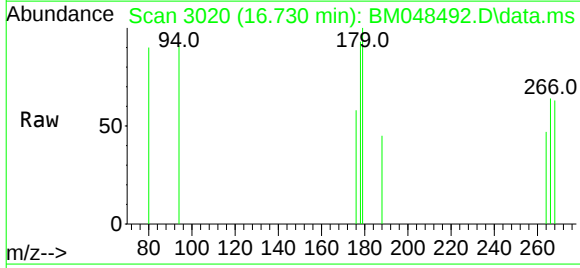
Tgt Ion:152 Resp: 1033
Ion Ratio Lower Upper
152 100
151 33.3 16.5 24.7#
153 27.7 11.6 17.4#





#14
 Pentachlorophenol
 Concen: 0.021 ng/u1
 RT: 16.730 min Scan# 3028
 Delta R.T. -0.017 min
 Lab File: BM048492.D
 Acq: 07 Nov 2024 00:48

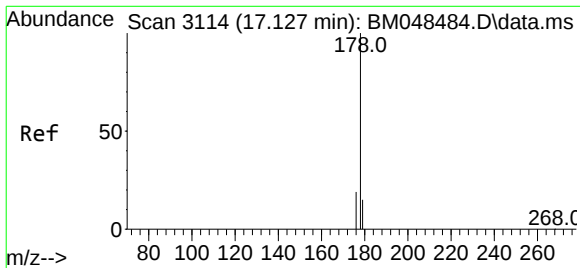
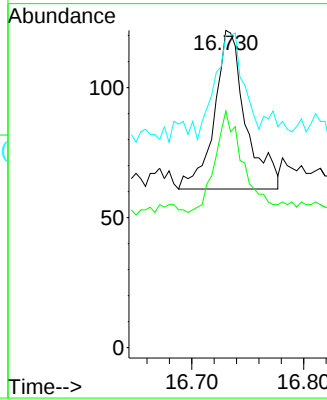
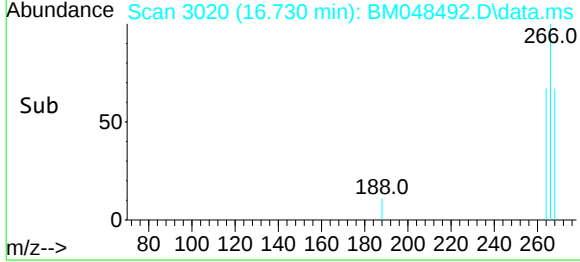
Instrument :
 BNA_M
 ClientSampleId :
 CC0P9



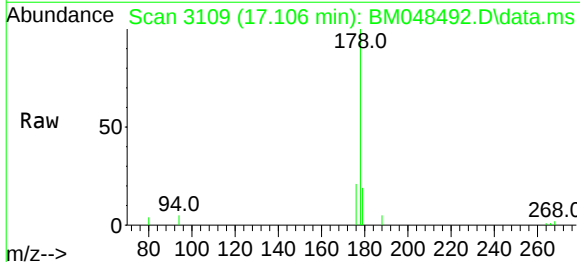
Tgt Ion:	266	Resp:	118
Ion	Ratio	Lower	Upper
266	100		
264	61.0	49.6	74.4
268	61.0	49.4	74.0

Manual Integrations
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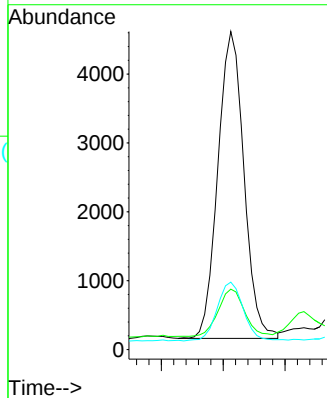
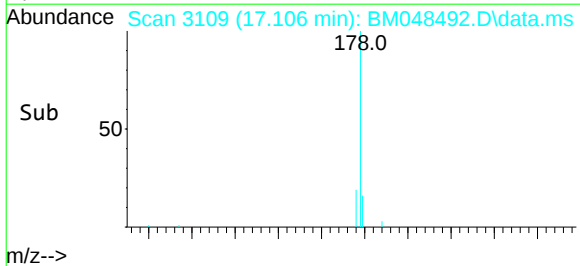
Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024

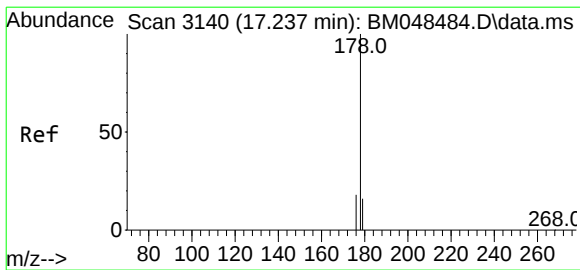


#15
 Phenanthrene
 Concen: 0.160 ng/u1
 RT: 17.106 min Scan# 3109
 Delta R.T. -0.013 min
 Lab File: BM048492.D
 Acq: 07 Nov 2024 00:48



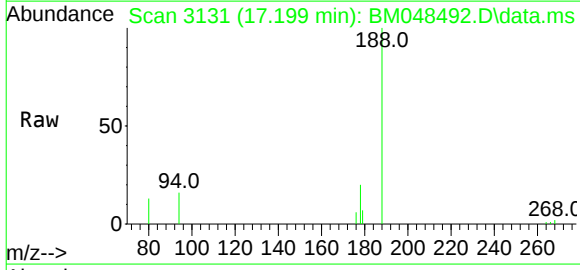
Tgt Ion:	178	Resp:	6525
Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.4	20.0
176	21.2	16.2	24.2





#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.199 min Scan# 3140
Delta R.T. -0.021 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

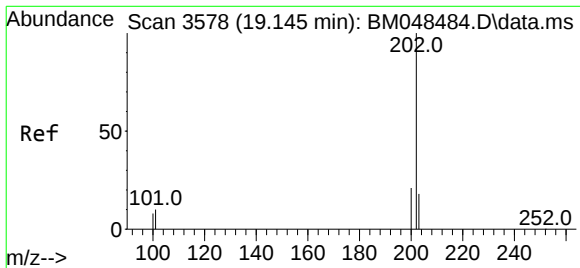
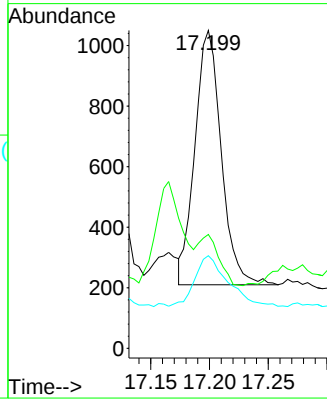
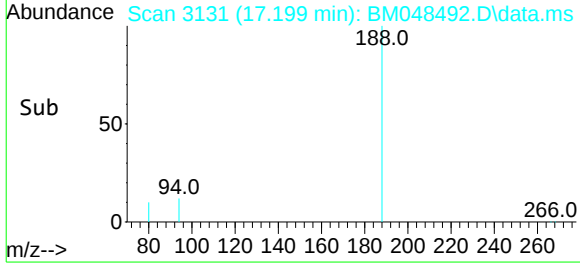
Instrument :
BNA_M
ClientSampleId :
CC0P9



Tgt	Ion	178	Resp	1307
Ion	Ratio	Lower	Upper	
178	100			
179	35.8	13.7	20.5#	
176	29.1	15.9	23.9#	

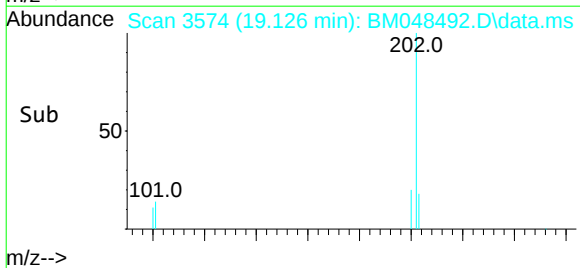
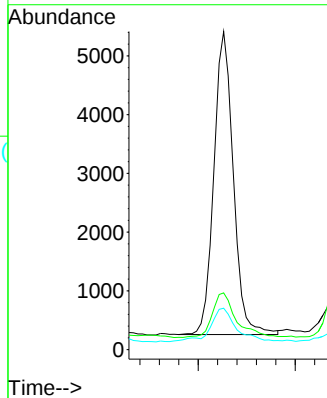
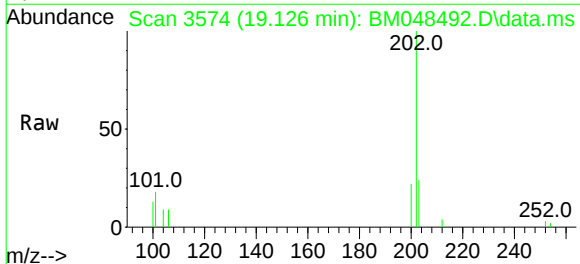
Manual Integrations
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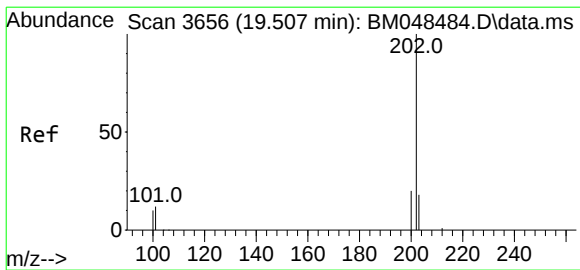
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#19
Fluoranthene
Concen: 0.147 ng/ul
RT: 19.126 min Scan# 3574
Delta R.T. -0.014 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

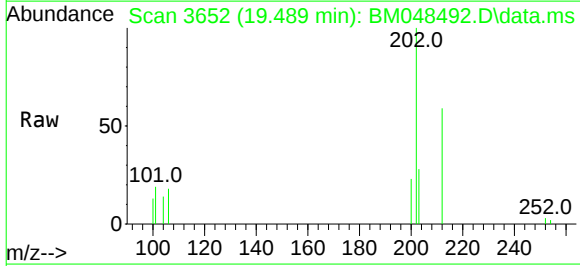
Tgt	Ion	202	Resp	7189
Ion	Ratio	Lower	Upper	
202	100			
101	17.8	10.2	15.4#	
100	13.0	7.3	10.9#	





#20
Pyrene
Concen: 0.139 ng/u1
RT: 19.489 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

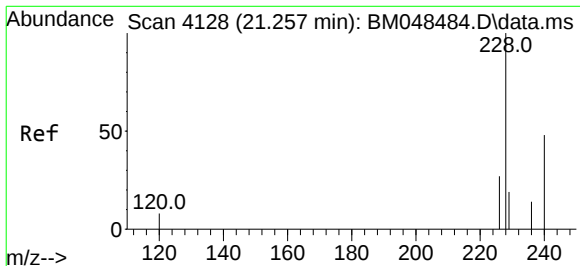
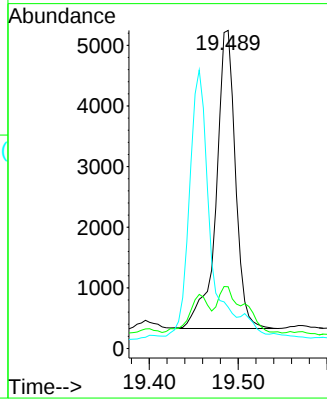
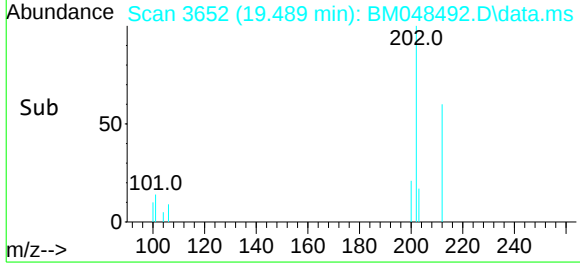
Instrument : BNA_M
ClientSampleId : CC0P9



Tgt Ion:	202	Resp:	7411
Ion	Ratio	Lower	Upper
202	100		
101	19.4	11.4	17.2#
100	13.0	8.5	12.7#

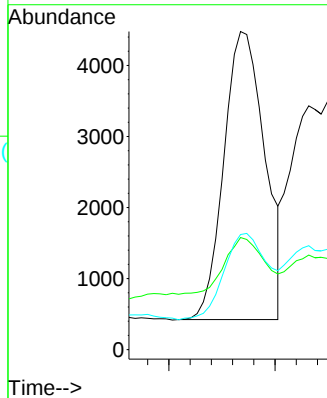
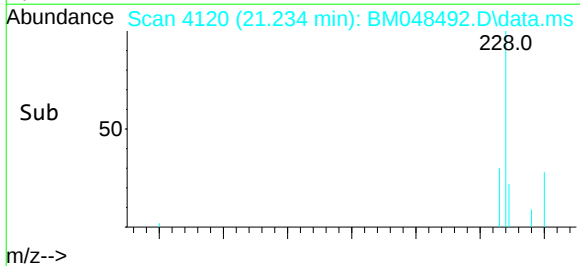
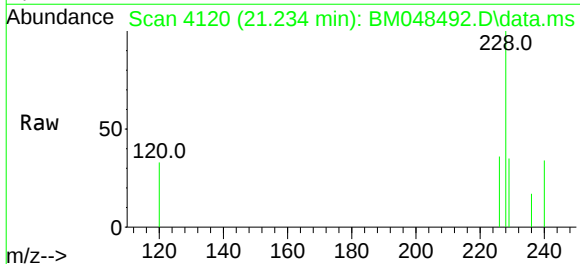
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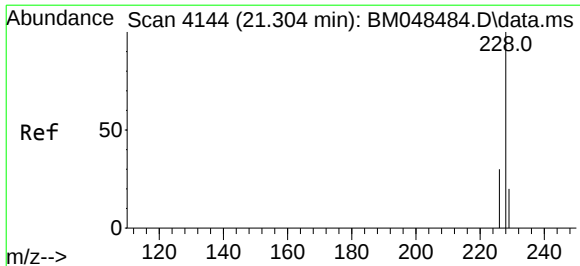
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024



#21
Benzo(a)anthracene
Concen: 0.125 ng/u1
RT: 21.234 min Scan# 4120
Delta R.T. -0.015 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

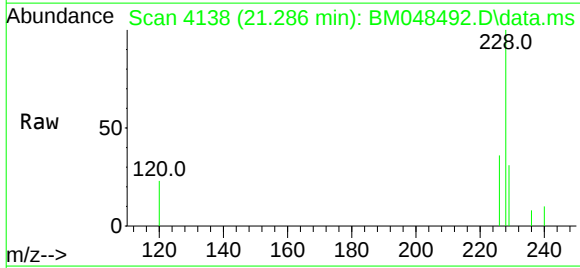
Tgt Ion:	228	Resp:	5433
Ion	Ratio	Lower	Upper
228	100		
229	35.2	16.2	24.2#
226	36.2	22.1	33.1#





#22
Chrysene
Concen: 0.193 ng/u1
RT: 21.286 min Scan# 41
Delta R.T. -0.015 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

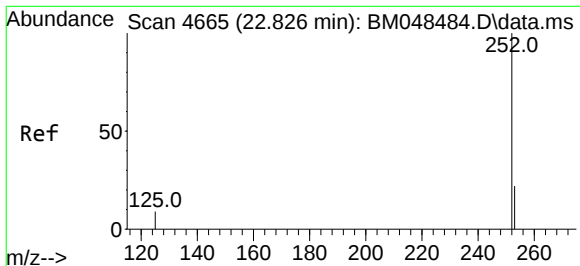
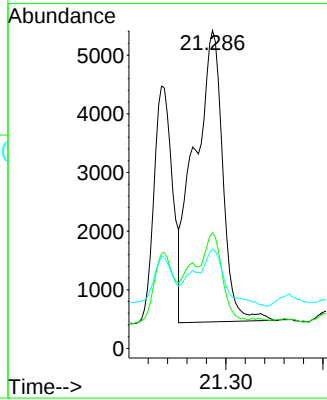
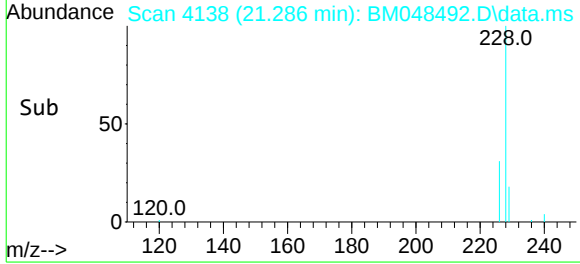
Instrument :
BNA_M
ClientSampleId :
CC0P9



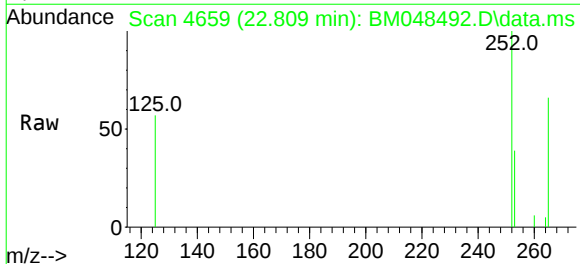
Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.4	24.4	36.6
229	31.3	16.5	24.7#

Manual Integrations
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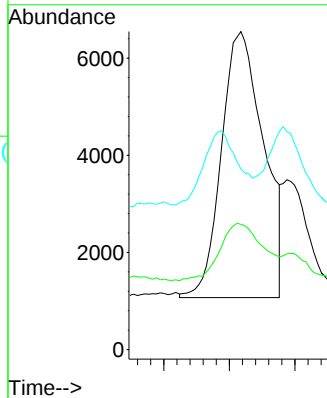
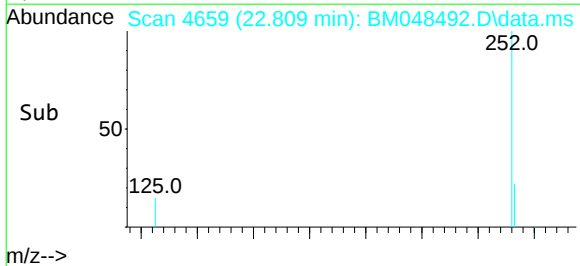
Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

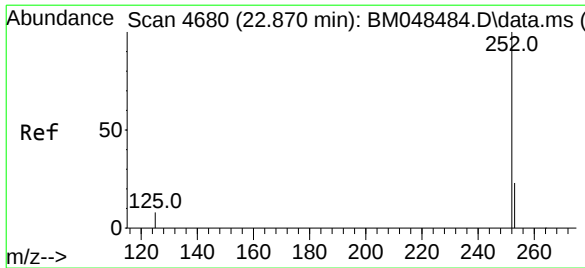


#24
Benzo(b)fluoranthene
Concen: 0.287 ng/u1 m
RT: 22.809 min Scan# 4659
Delta R.T. -0.015 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48



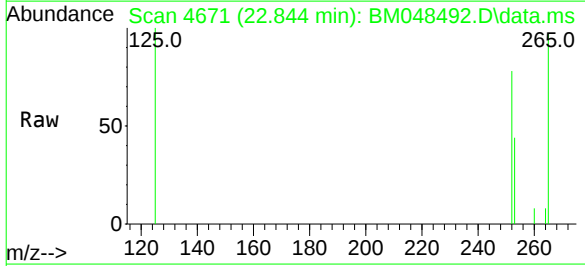
Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.4	0.0	61.6
125	56.8	0.0	43.2#





#25
 Benzo(k)fluoranthene
 Concen: 0.066 ng/u1 m
 RT: 22.844 min Scan# 46
 Delta R.T. -0.023 min
 Lab File: BM048492.D
 Acq: 07 Nov 2024 00:48

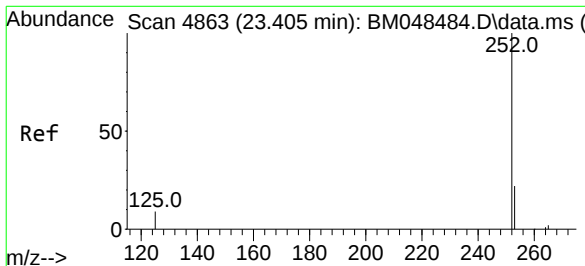
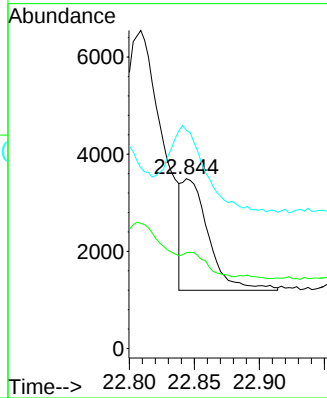
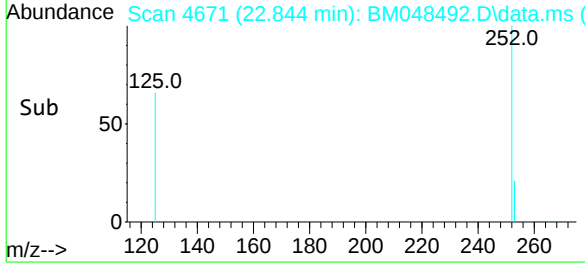
Instrument :
 BNA_M
 ClientSampleId :
 CC0P9



Tgt Ion	Ratio	Lower	Upper
252	100		
253	56.4	25.0	37.4#
125	128.4	17.4	26.0#

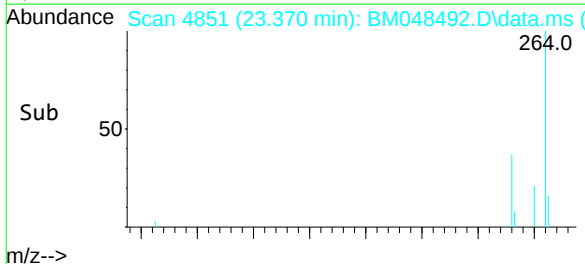
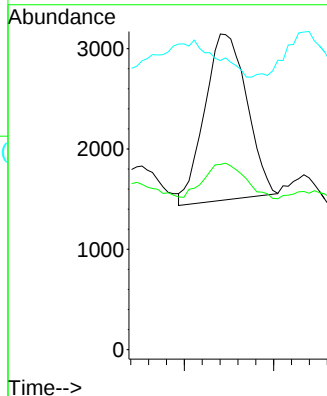
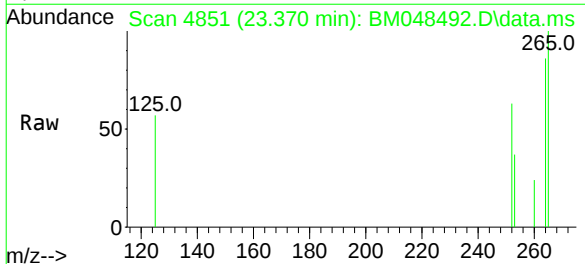
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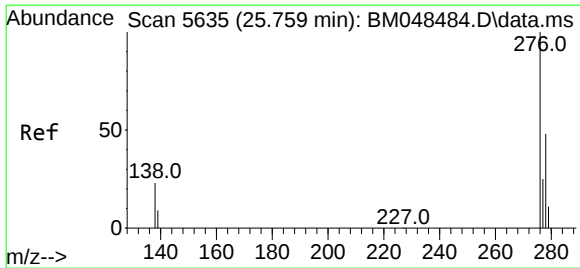
Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024



#26
 Benzo(a)pyrene
 Concen: 0.065 ng/u1
 RT: 23.370 min Scan# 4851
 Delta R.T. -0.032 min
 Lab File: BM048492.D
 Acq: 07 Nov 2024 00:48

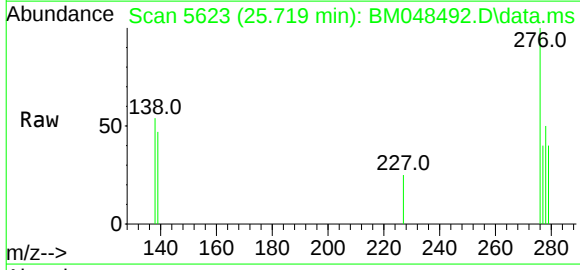
Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.7	29.6	44.4#
125	91.6	23.9	35.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.080 ng/u1
 RT: 25.719 min Scan# 5623
 Delta R.T. -0.034 min
 Lab File: BM048492.D
 Acq: 07 Nov 2024 00:48

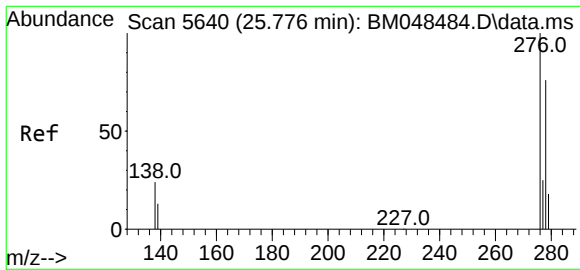
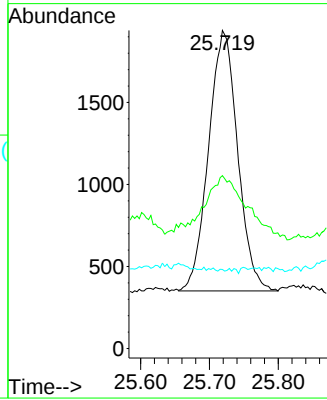
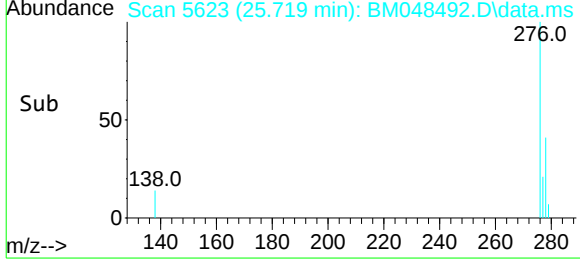
Instrument :
 BNA_M
 ClientSampleId :
 CC0P9



Tgt Ion:	276	Resp:	4668
Ion	Ratio	Lower	Upper
276	100		
138	34.4	20.1	30.1#
227	0.4	0.1	0.1#

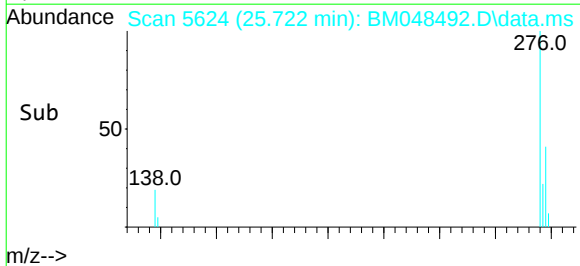
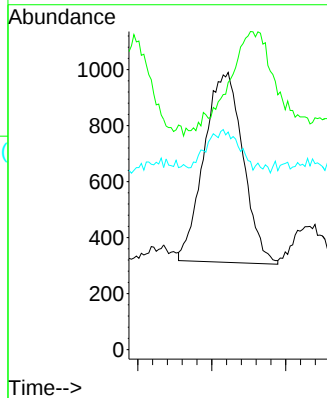
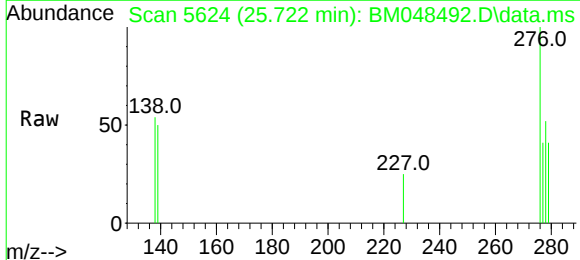
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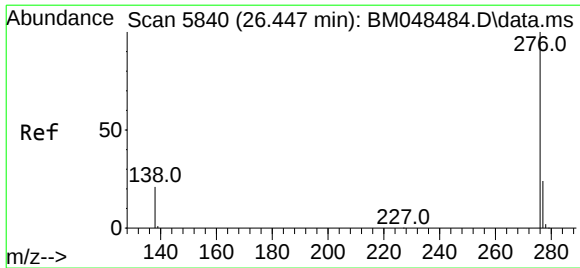
Reviewed By :Jagrut Upadhyay 11/07/2024
 Supervised By :mohammad ahmed 11/11/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 0.055 ng/u1
 RT: 25.722 min Scan# 5624
 Delta R.T. -0.054 min
 Lab File: BM048492.D
 Acq: 07 Nov 2024 00:48

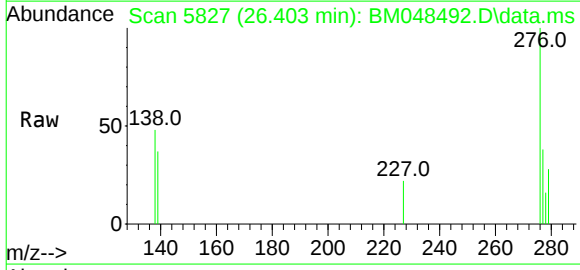
Tgt Ion:	278	Resp:	2478
Ion	Ratio	Lower	Upper
278	100		
139	96.4	17.8	26.8#
279	78.5	26.6	39.8#





#29
Benzo(g,h,i)perylene
Concen: 0.111 ng/ul
RT: 26.403 min Scan# 58
Delta R.T. -0.040 min
Lab File: BM048492.D
Acq: 07 Nov 2024 00:48

Instrument :
BNA_M
ClientSampleId :
CC0P9



Tgt	Ion	276	Resp:	5445
Ion	Ratio	Lower	Upper	
276	100			
138	48.2	21.0	31.6#	
277	37.5	20.5	30.7#	

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/07/2024
Supervised By :mohammad ahmed 11/11/2024

