

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049285.D
 Acq On : 28 Dec 2024 10:21
 Operator : RC/JU
 Sample : P5351-07MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2926MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 21:56:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 26 11:35:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.544	152	5682	0.400	ng/ul	0.00
4) Naphthalene-d8	10.303	136	18690	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.177	164	11956	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	26354	0.400	ng/ul	0.00
17) Chrysene-d12	21.129	240	22535	0.400	ng/ul	0.00
23) Perylene-d12	23.280	264	25194	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	2404	0.367	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.898	152	6742	0.268	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	17654	0.276	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	7066	0.923	ng/ul#	82
5) Naphthalene	10.347	128	14505	0.310	ng/ul	99
7) 2-Methylnaphthalene	11.975	142	9447	0.319	ng/ul	99
8) 1-Methylnaphthalene	12.195	142	10022	0.330	ng/ul	98
10) Acenaphthylene	13.895	152	15021	0.303	ng/ul	99
11) Acenaphthene	14.237	153	18497	0.511	ng/ul	99
12) Fluorene	15.232	166	20914	0.513	ng/ul	98
14) Pentachlorophenol	16.583	266	4257	0.584	ng/ul	96
15) Phenanthrene	16.967	178	250827	3.644	ng/ul	98
16) Anthracene	17.060	178	63739	1.009	ng/ul	99
19) Fluoranthene	18.992	202	452247	5.551	ng/ul	99
20) Pyrene	19.354	202	382697	4.404	ng/ul	99
21) Benzo(a)anthracene	21.114	228	201076	2.565	ng/ul	99
22) Chrysene	21.164	228	182927	2.174	ng/ul	98
24) Benzo(b)fluoranthene	22.642	252	223411m	2.776	ng/ul	
25) Benzo(k)fluoranthene	22.683	252	102573m	1.161	ng/ul	
26) Benzo(a)pyrene	23.186	252	166095m	2.152	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	127576	1.168	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.420	278	43027	0.507	ng/ul	99
29) Benzo(g,h,i)perylene	26.054	276	125021	1.423	ng/ul	97

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

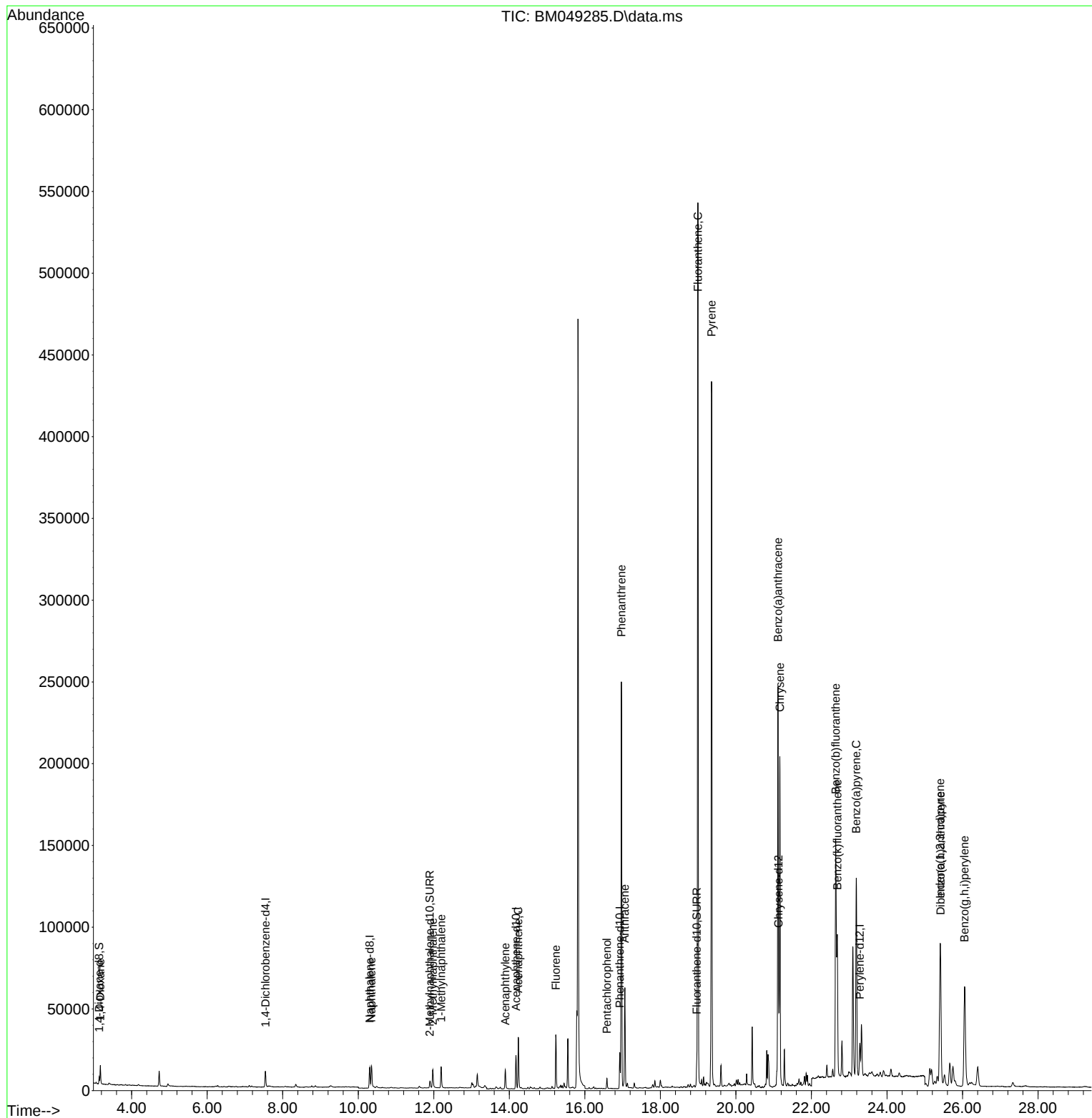
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049285.D
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ALS Vial : 46 Sample Multiplier: 1

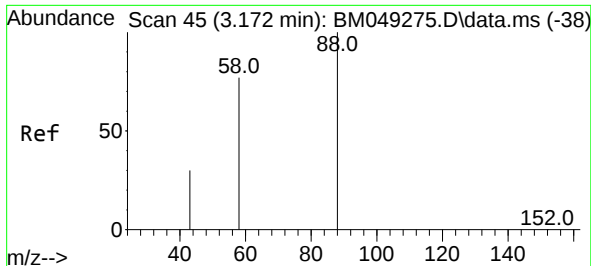
Instrument :
BNA_M
ClientSampleId :
E2926MSD

Quant Time: Dec 29 21:56:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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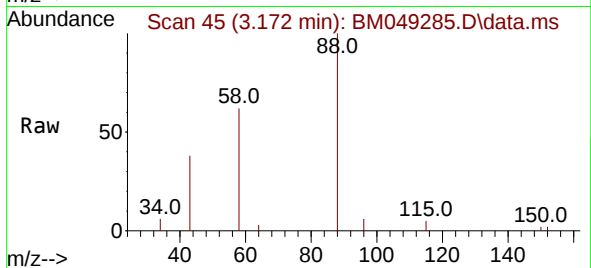
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024





#2
1,4-Dioxane
Concen: 0.923 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

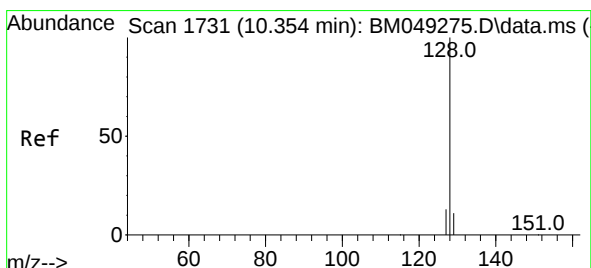
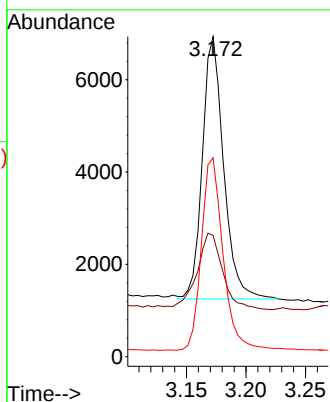
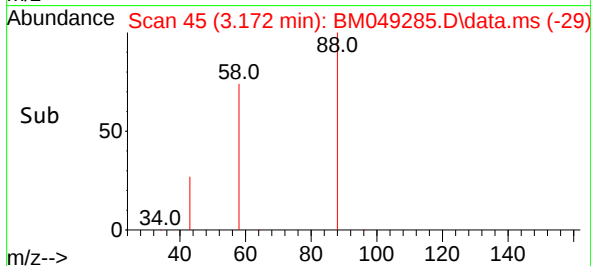
Instrument :
BNA_M
ClientSampleId :
E2926MSD



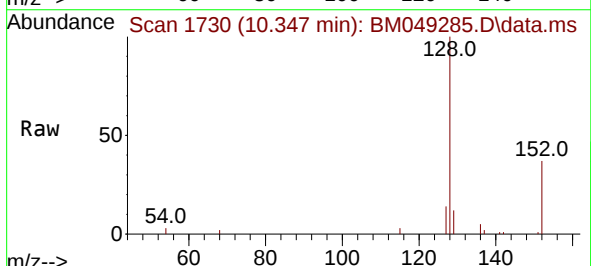
Tgt Ion: 88 Resp: 7060
Ion Ratio Lower Upper
88 100
43 37.9 45.4 68.2
58 62.2 43.6 65.4

Manual Integrations
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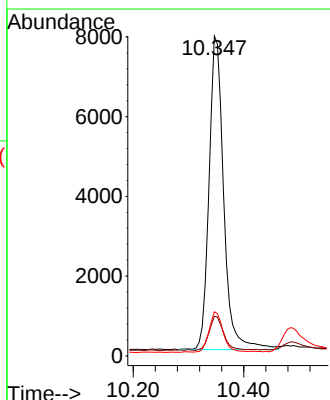
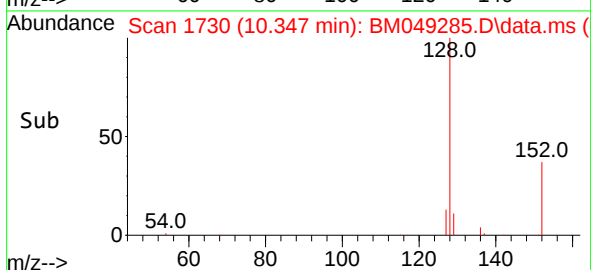
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

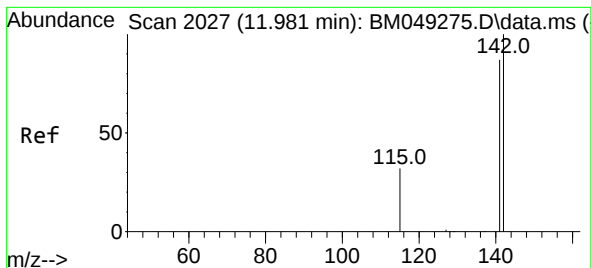


#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.011 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21



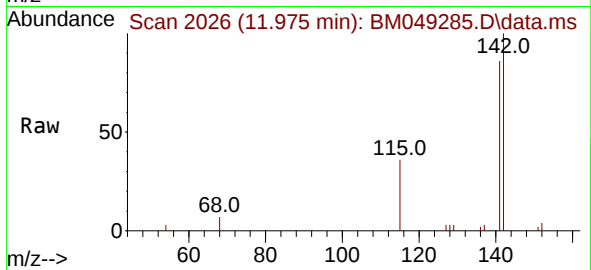
Tgt Ion:128 Resp: 14505
Ion Ratio Lower Upper
128 100
129 12.4 9.7 14.5
127 13.8 10.6 16.0





#7
2-Methylnaphthalene
Concen: 0.319 ng/ul
RT: 11.975 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

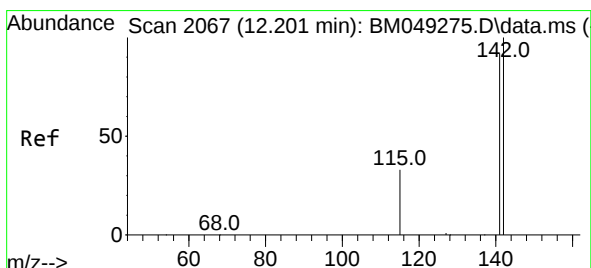
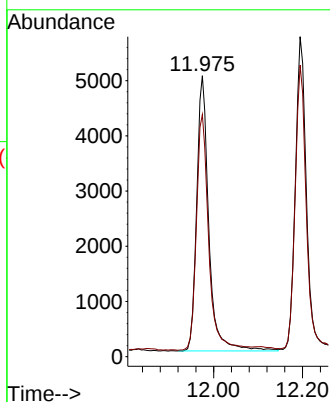
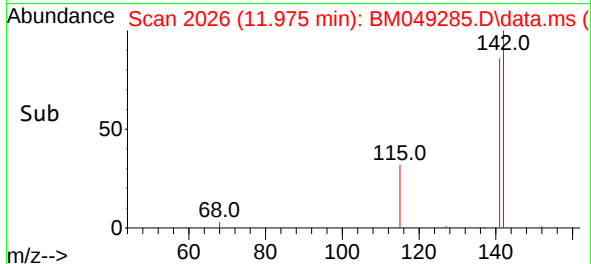
Instrument :
BNA_M
ClientSampleId :
E2926MSD



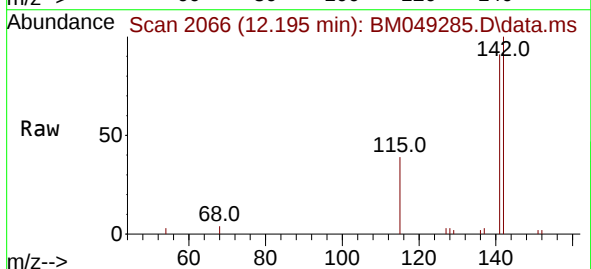
Tgt Ion:142 Resp: 944
Ion Ratio Lower Upper
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141 89.1 71.7 107.5

Manual Integrations
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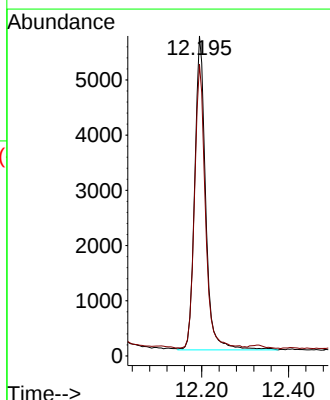
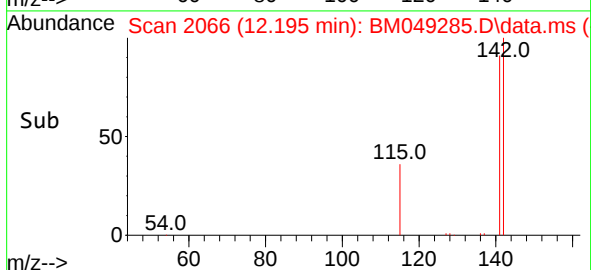
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

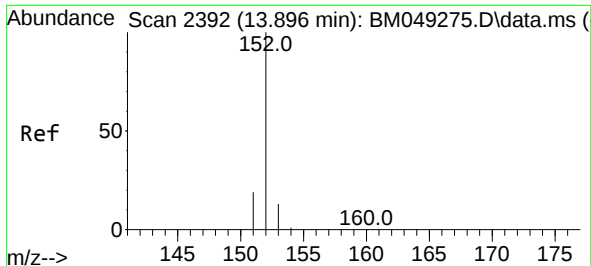


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.195 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21



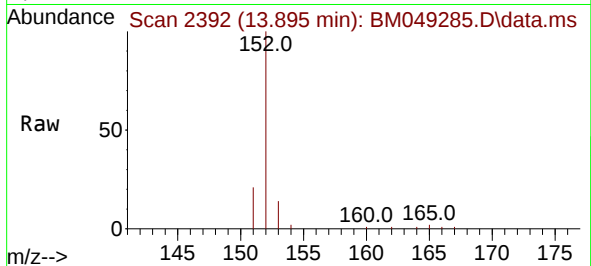
Tgt Ion:142 Resp: 10022
Ion Ratio Lower Upper
142 100
141 88.8 72.7 109.1





#10
Acenaphthylene
Concen: 0.303 ng/u1
RT: 13.895 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

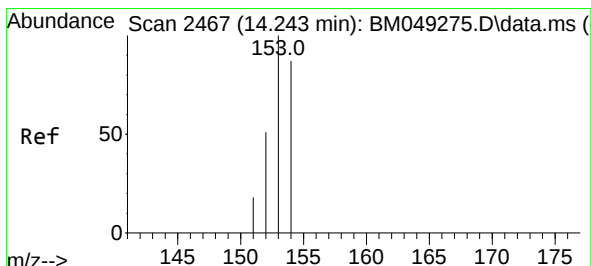
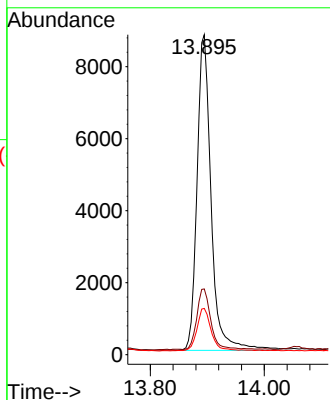
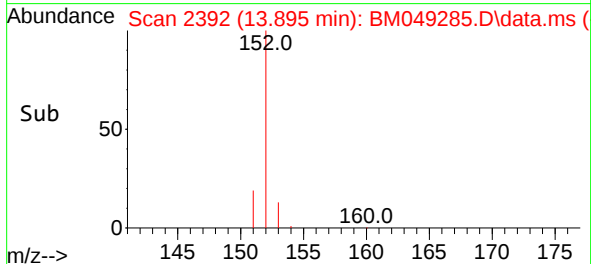
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:152 Resp: 1502
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.4 11.0 16.6

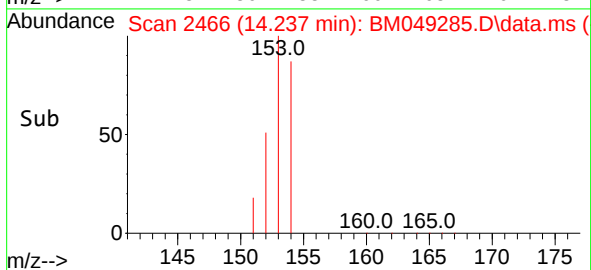
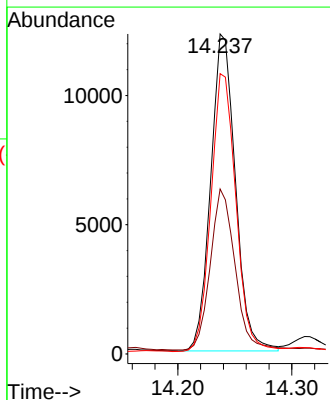
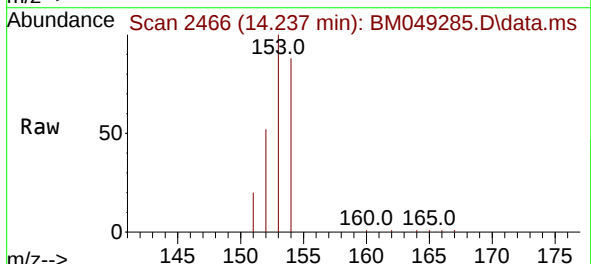
Manual Integrations
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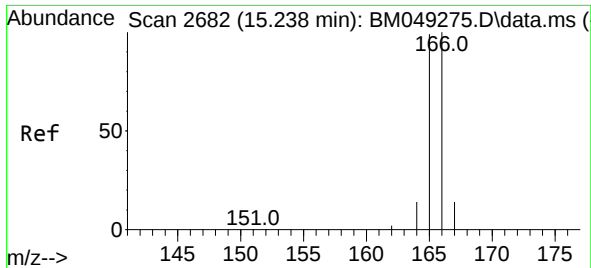
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#11
Acenaphthene
Concen: 0.511 ng/u1
RT: 14.237 min Scan# 2466
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

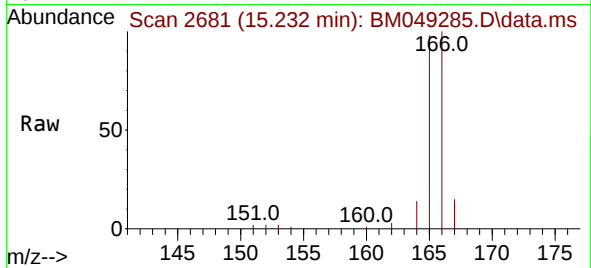
Tgt Ion:153 Resp: 18497
Ion Ratio Lower Upper
153 100
152 51.5 40.7 61.1
154 87.6 70.8 106.2





#12
Fluorene
Concen: 0.513 ng/ul
RT: 15.232 min Scan# 20914
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

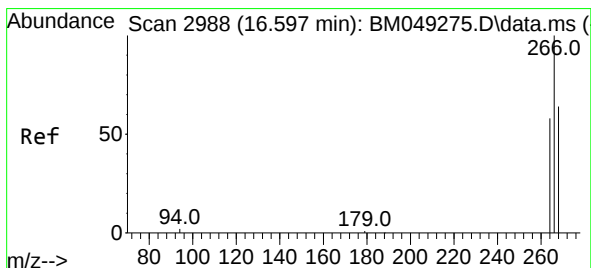
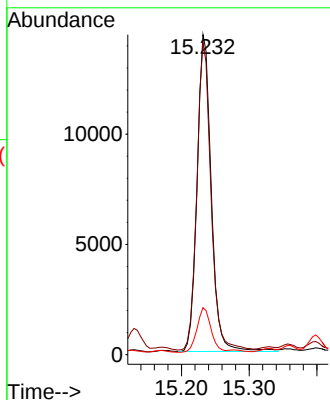
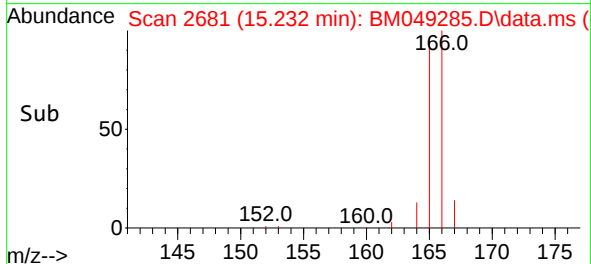
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:166 Resp: 20914
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 14.7 11.4 17.0

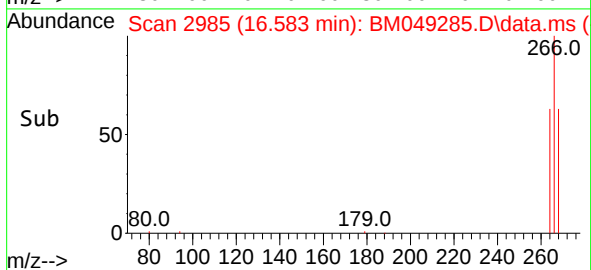
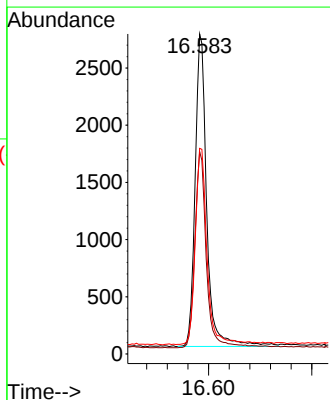
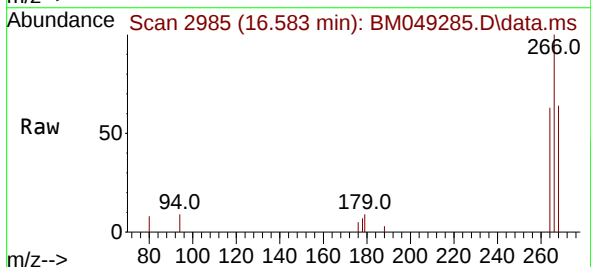
Manual Integrations
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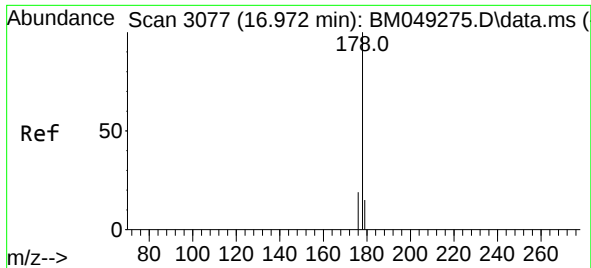
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#14
Pentachlorophenol
Concen: 0.584 ng/ul
RT: 16.583 min Scan# 2985
Delta R.T. -0.013 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

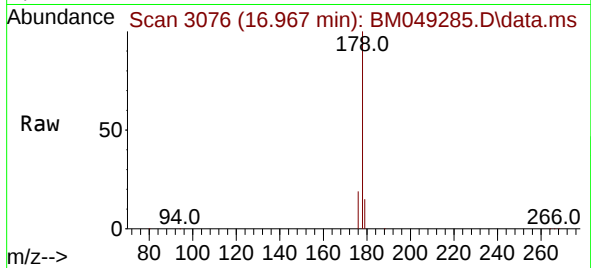
Tgt Ion:266 Resp: 4257
Ion Ratio Lower Upper
266 100
264 62.6 48.3 72.5
268 63.6 47.5 71.3





#15
Phenanthrene
Concen: 3.644 ng/ul
RT: 16.967 min Scan# 3077
Delta R.T. -0.008 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

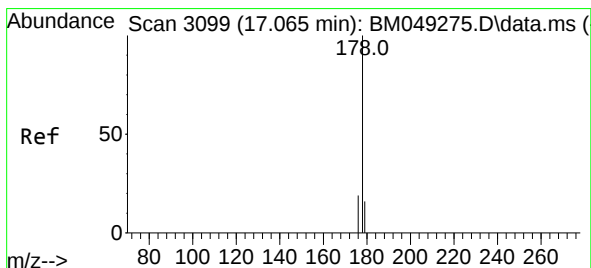
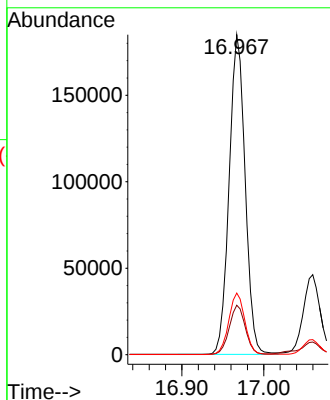
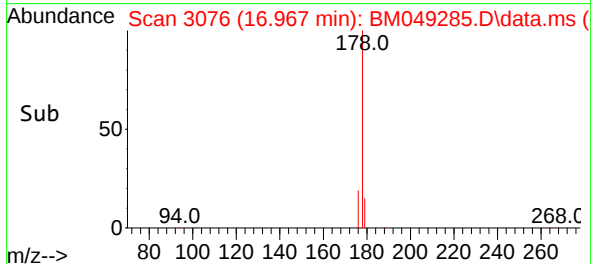
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:178 Resp: 25082
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 16.2 24.2

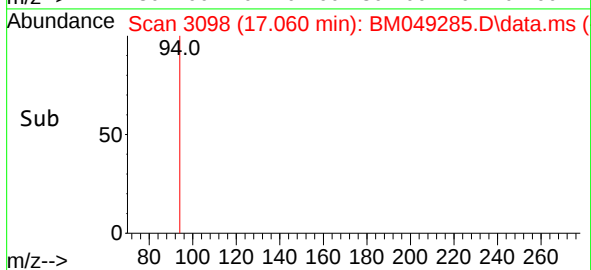
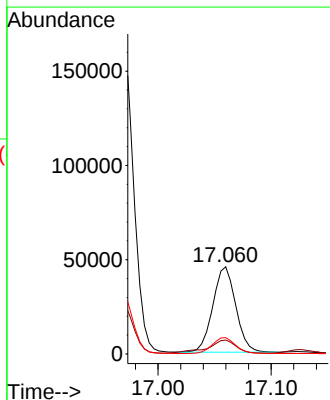
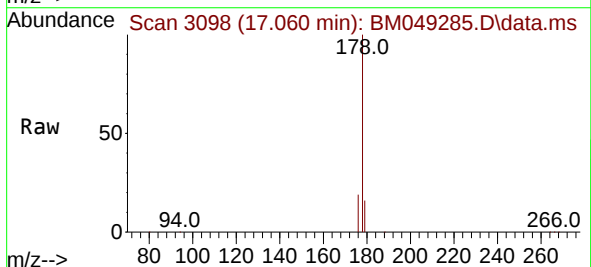
Manual Integrations
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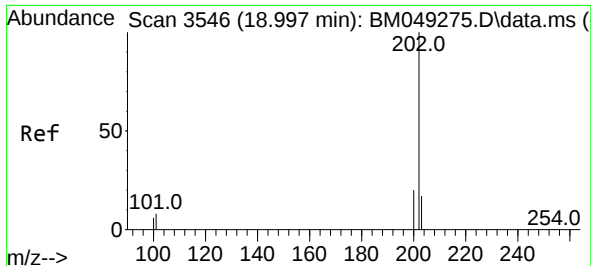
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 1.009 ng/ul
RT: 17.060 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

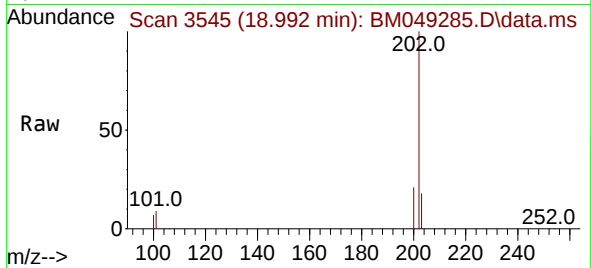
Tgt Ion:178 Resp: 63739
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 5.551 ng/u1
RT: 18.992 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

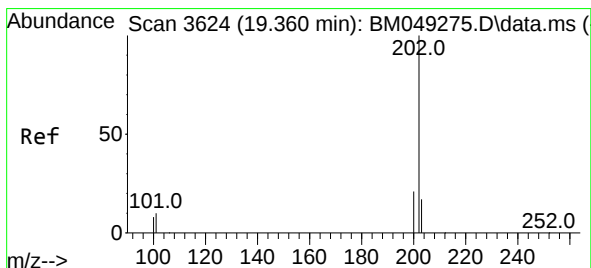
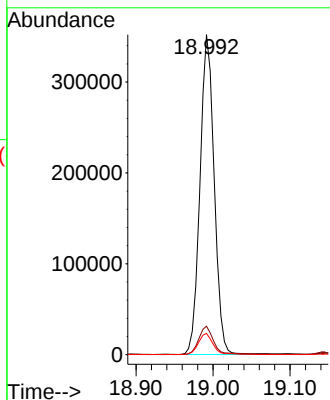
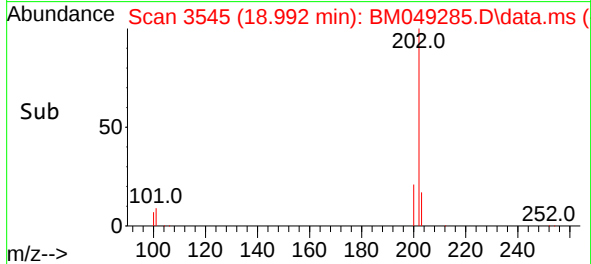
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:202 Resp: 45224
Ion Ratio Lower Upper
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101 8.9 7.6 11.4
100 6.7 5.5 8.3

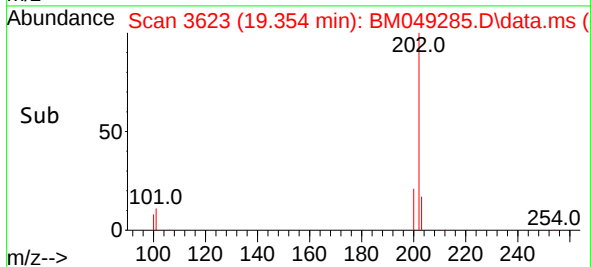
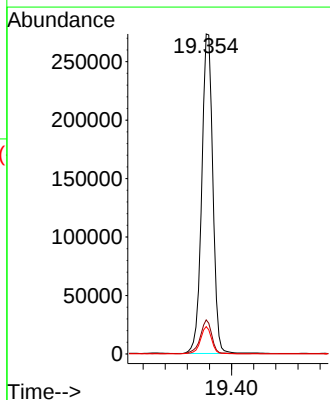
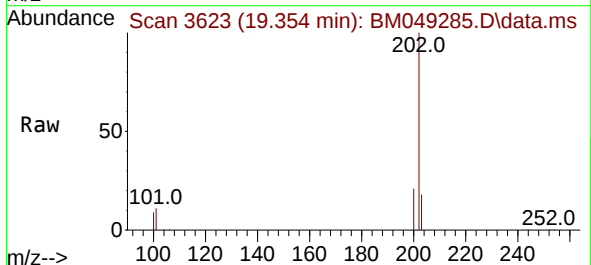
Manual Integrations
APPROVED

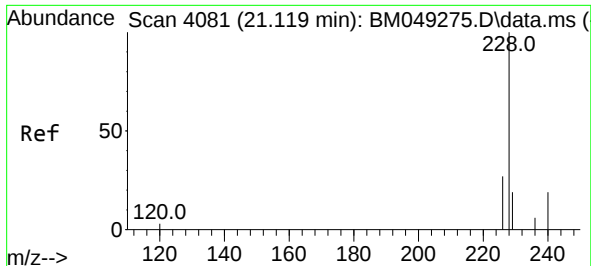
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 4.404 ng/u1
RT: 19.354 min Scan# 3623
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

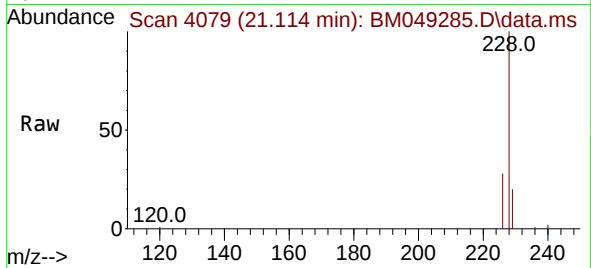
Tgt Ion:202 Resp: 382697
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 8.5 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.565 ng/ul
RT: 21.114 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

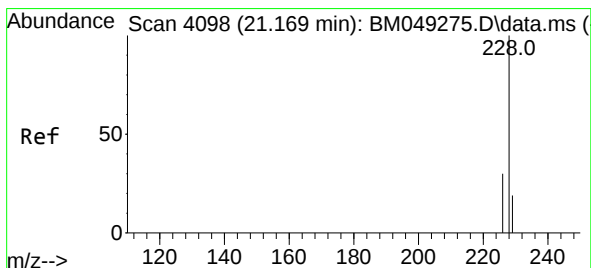
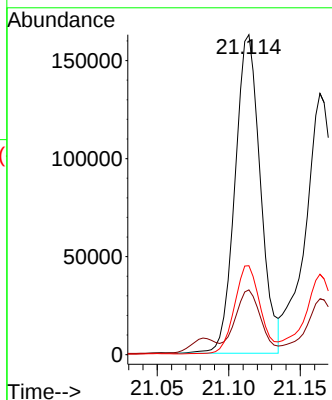
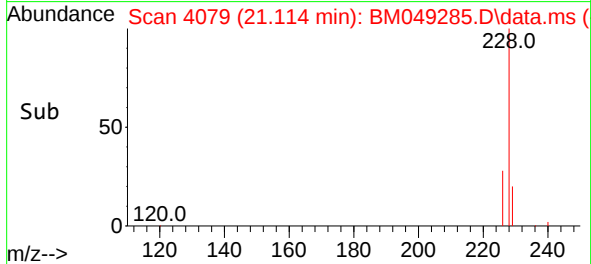
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:228 Resp: 201070
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 27.8 22.6 34.0

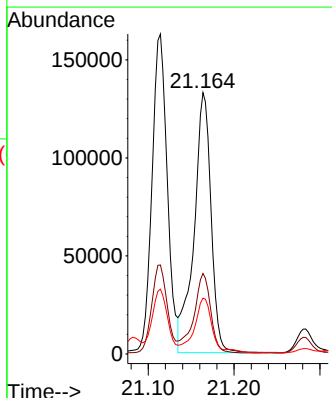
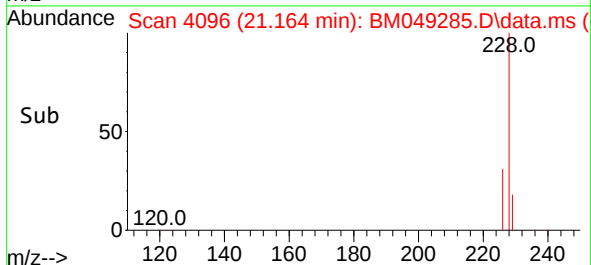
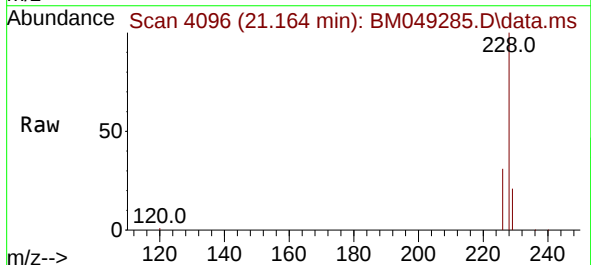
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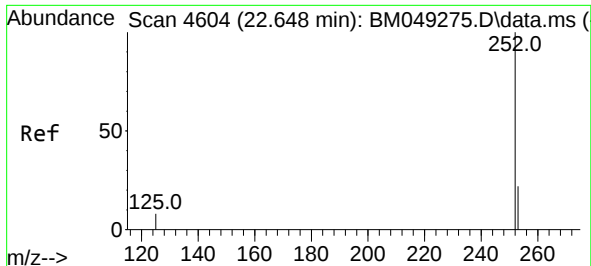
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 2.174 ng/ul
RT: 21.164 min Scan# 4096
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

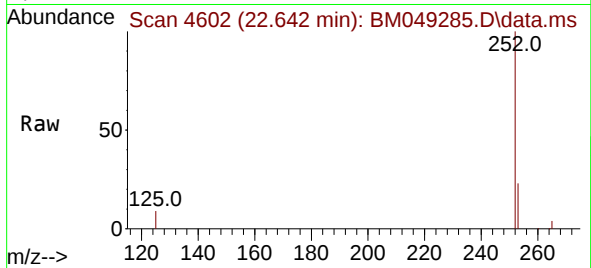
Tgt Ion:228 Resp: 182927
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 21.4 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.776 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.006 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

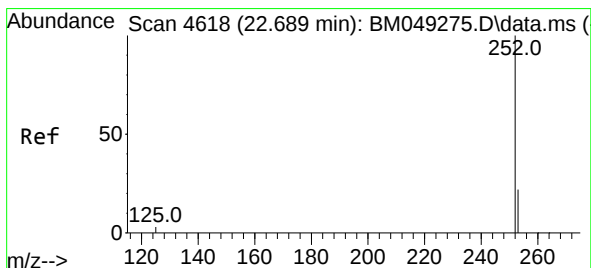
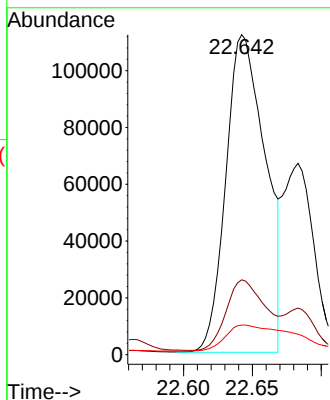
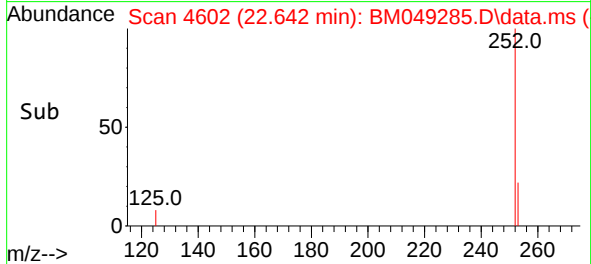
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:252 Resp: 22341
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.6
125 9.3 0.0 30.8

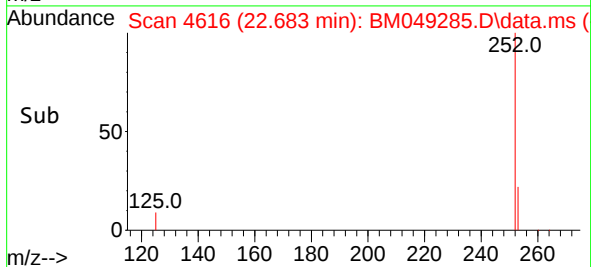
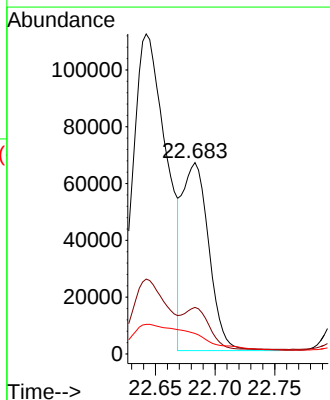
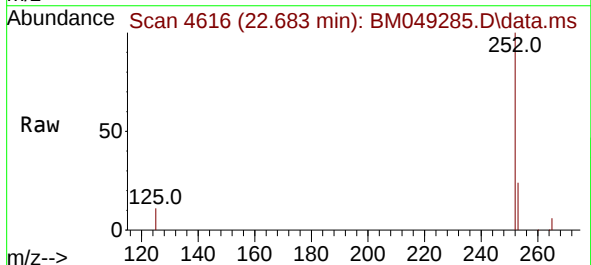
Manual Integrations
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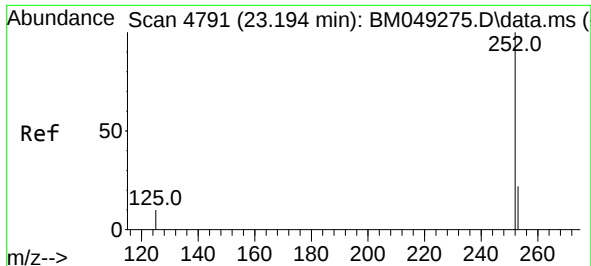
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 1.161 ng/ul m
RT: 22.683 min Scan# 4616
Delta R.T. -0.009 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

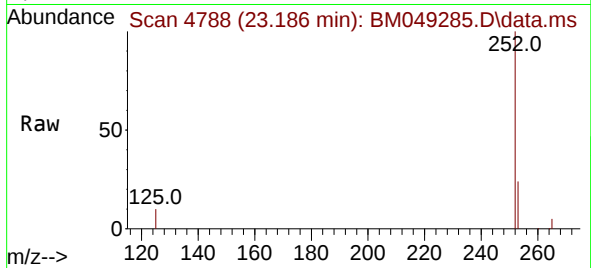
Tgt Ion:252 Resp: 102573
Ion Ratio Lower Upper
252 100
253 24.3 21.3 31.9
125 10.7 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 2.152 ng/ul m
RT: 23.186 min Scan# 4791
Delta R.T. -0.006 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

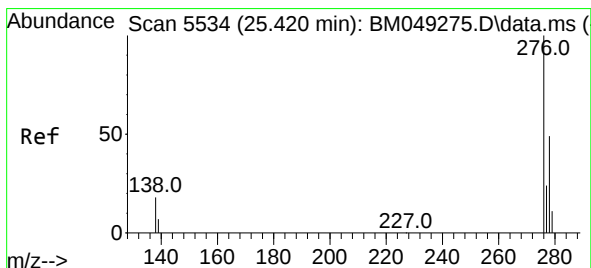
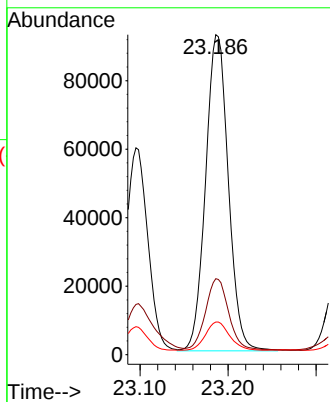
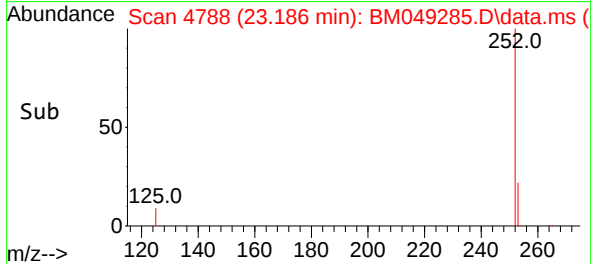
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:252 Resp: 166095
Ion Ratio Lower Upper
252 100
253 23.7 22.4 33.6
125 10.2 14.8 22.2

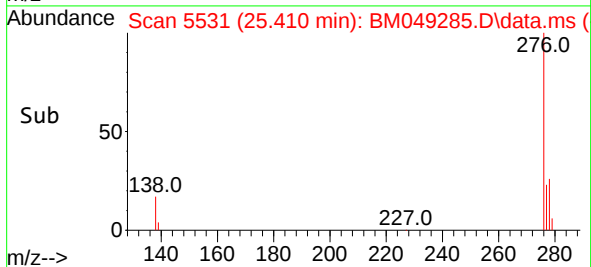
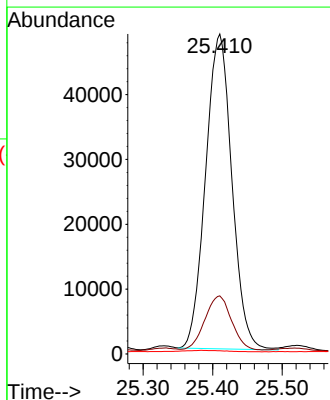
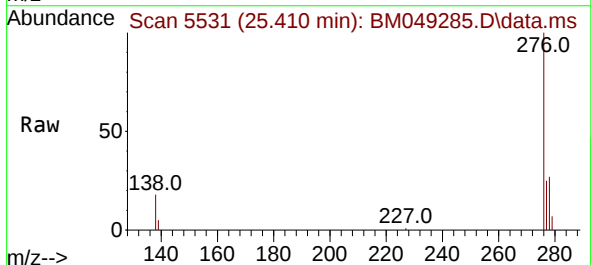
Manual Integrations
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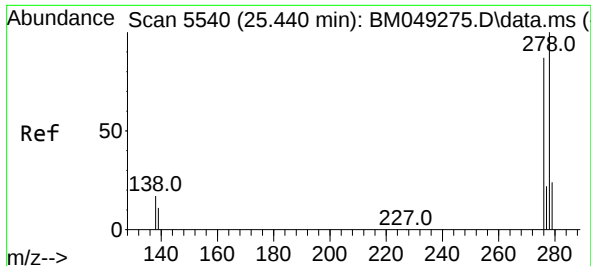
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.168 ng/ul
RT: 25.410 min Scan# 5531
Delta R.T. -0.007 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

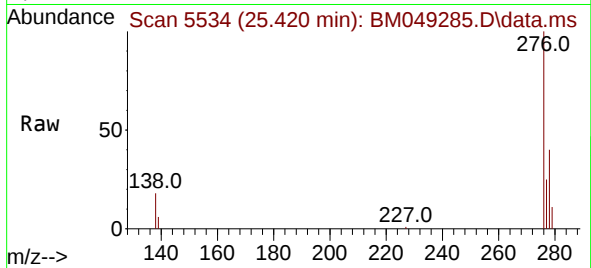
Tgt Ion:276 Resp: 127576
Ion Ratio Lower Upper
276 100
138 18.1 17.4 26.2
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.507 ng/ul
RT: 25.420 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

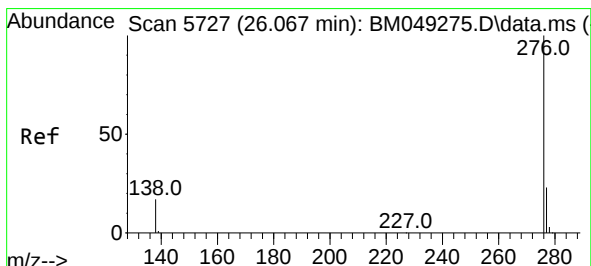
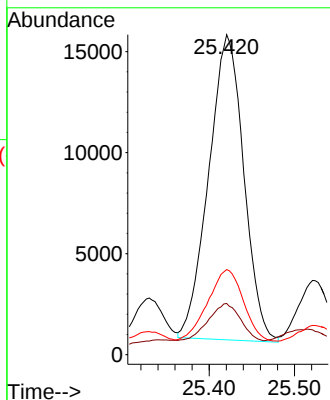
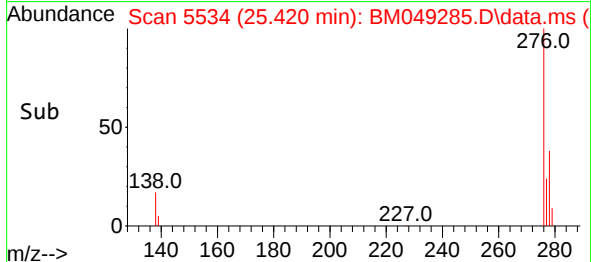
Instrument :
BNA_M
ClientSampleId :
E2926MSD



Tgt Ion:278 Resp: 4302
Ion Ratio Lower Upper
278 100
139 16.0 13.5 20.3
279 26.6 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Benzo(g,h,i)perylene
Concen: 1.423 ng/ul
RT: 26.054 min Scan# 5723
Delta R.T. -0.013 min
Lab File: BM049285.D
Acq: 28 Dec 2024 10:21

Tgt Ion:276 Resp: 125021
Ion Ratio Lower Upper
276 100
138 18.3 16.7 25.1
277 24.1 19.9 29.9

