

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033184.D
 Acq On : 02 Aug 2024 01:31
 Operator : MA/JU
 Sample : PB162413BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS413

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 02:11:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	2455m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.323	136	8176	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.157	164	5137	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10332	0.400	ng/ul	0.00
17) Chrysene-d12	21.151	240	8566	0.400	ng/ul	0.00
23) Perylene-d12	23.337	264	8514	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	2005	0.646	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.939	152	3488	0.261	ng/ul	0.01
18) Fluoranthene-d10	18.981	212	8354	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	5750	1.624	ng/ul#	67
5) Naphthalene	10.378	128	6316	0.301	ng/ul	99
7) 2-Methylnaphthalene	12.011	142	3510	0.247	ng/ul	94
8) 1-Methylnaphthalene	12.198	142	3702	0.241	ng/ul	100
10) Acenaphthylene	13.893	152	5681	0.270	ng/ul	98
11) Acenaphthene	14.222	153	4926	0.312	ng/ul	98
12) Fluorene	15.254	166	4979	0.270	ng/ul	99
14) Pentachlorophenol	16.646	266	702	0.334	ng/ul	99
15) Phenanthrene	16.988	178	7727	0.279	ng/ul	99
16) Anthracene	17.102	178	6081	0.244	ng/ul	97
19) Fluoranthene	19.009	202	9770	0.346	ng/ul	99
20) Pyrene	19.381	202	10361	0.343	ng/ul	98
21) Benzo(a)anthracene	21.143	228	6978	0.239	ng/ul	99
22) Chrysene	21.189	228	11071	0.325	ng/ul	99
24) Benzo(b)fluoranthene	22.685	252	7320	0.294	ng/ul	96
25) Benzo(k)fluoranthene	22.729	252	10041	0.337	ng/ul	97
26) Benzo(a)pyrene	23.261	252	7430	0.317	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.561	276	9286	0.261	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.557	278	7230	0.256	ng/ul	93
29) Benzo(g,h,i)perylene	26.231	276	8365	0.296	ng/ul	98

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

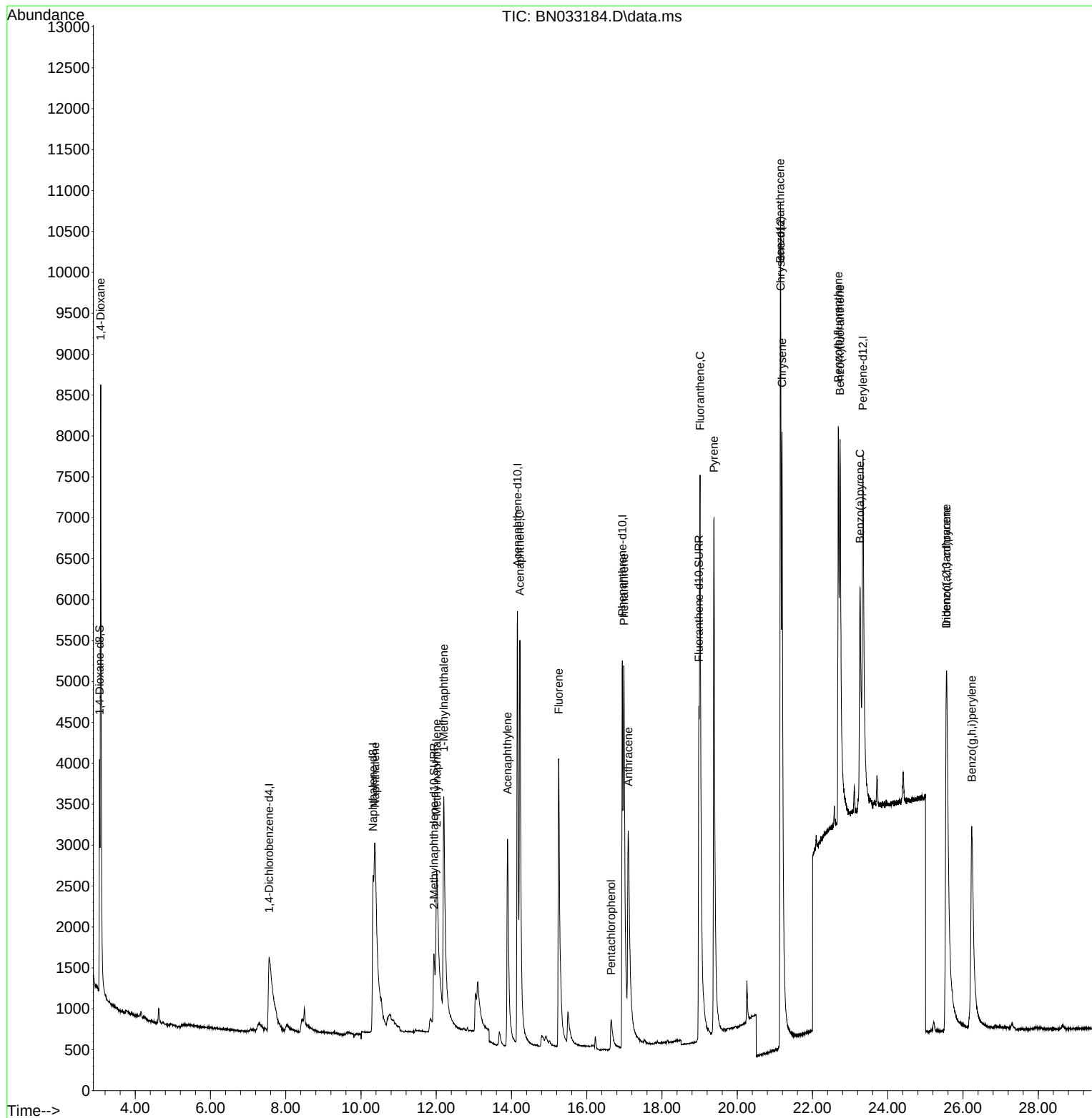
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033184.D
Acq On : 02 Aug 2024 01:31
Operator : MA/JU
Sample : PB162413BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

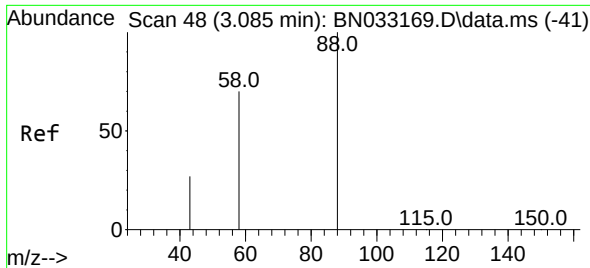
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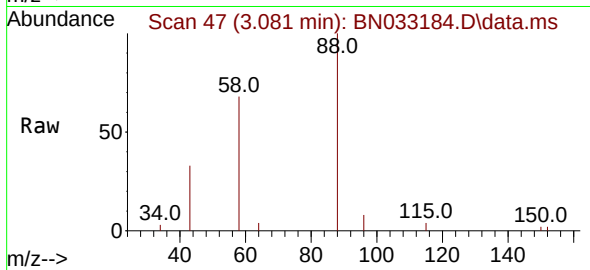
Quant Time: Aug 02 02:11:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.624 ng/ul
RT: 3.081 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

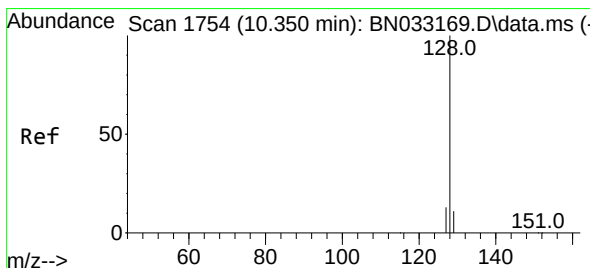
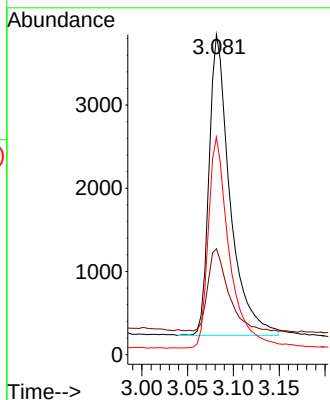
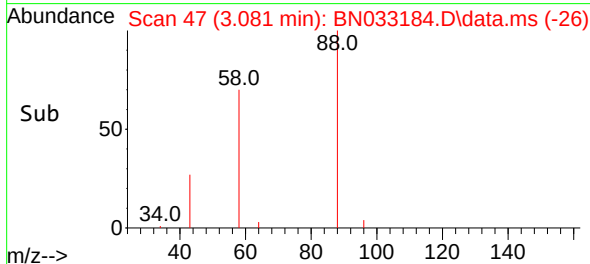
Instrument :
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Tgt Ion: 88 Resp: 5750
Ion Ratio Lower Upper
88 100
43 33.1 63.4 95.2
58 68.0 49.4 74.0

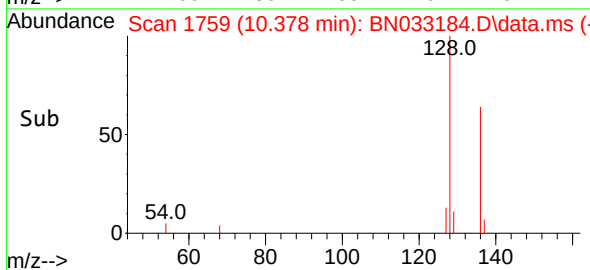
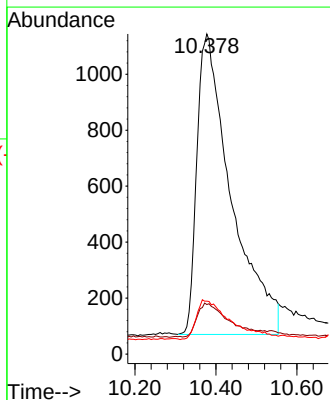
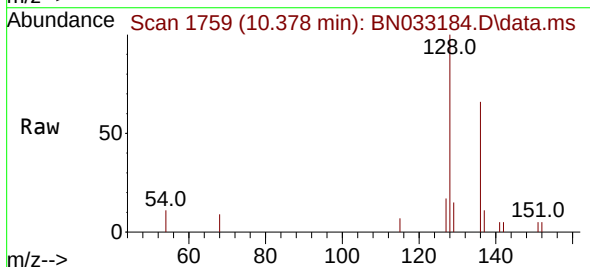
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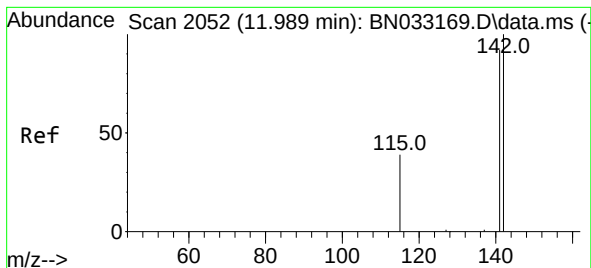
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.378 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

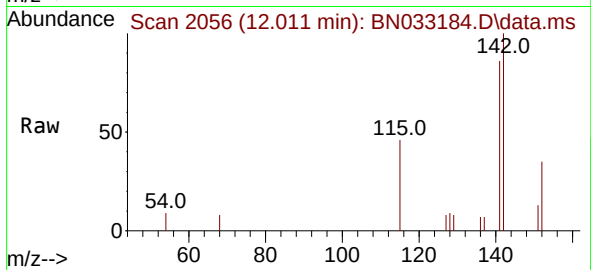
Tgt Ion:128 Resp: 6316
Ion Ratio Lower Upper
128 100
129 15.5 12.0 18.0
127 16.5 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 12.011 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

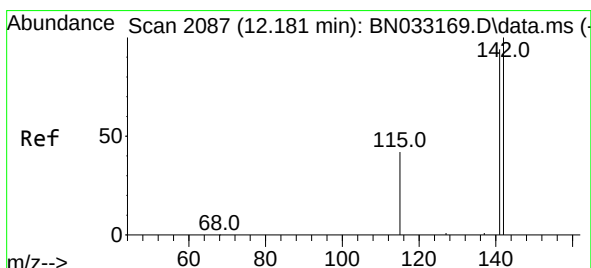
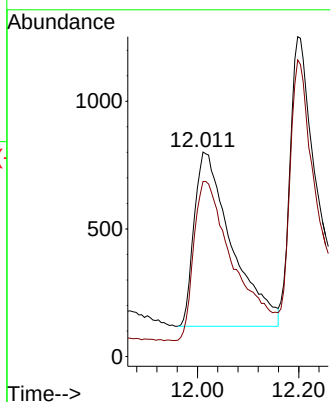
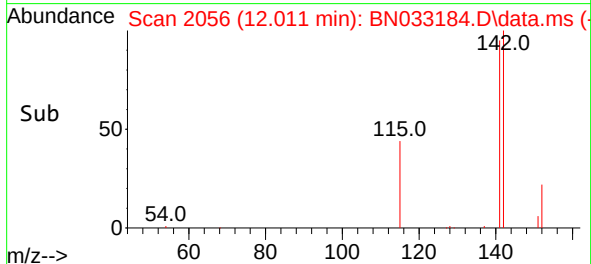
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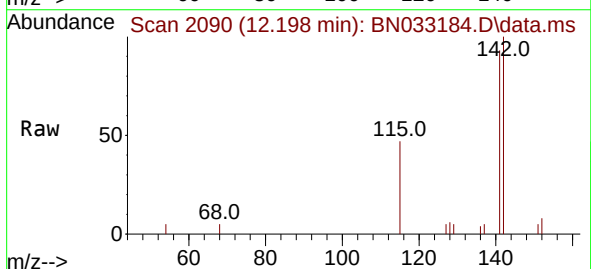
Tgt Ion:142 Resp: 3510
Ion Ratio Lower Upper
142 100
141 99.6 75.2 112.8

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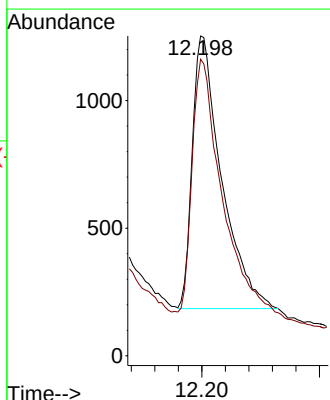
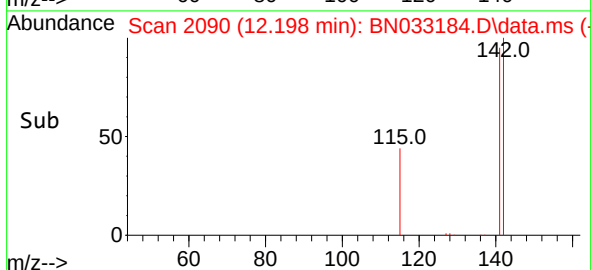
Reviewed By :Jagrut Upadhyay 08/02/2024
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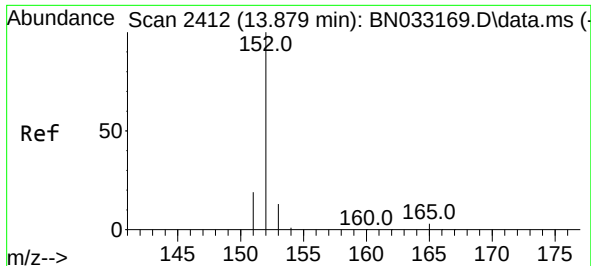


#8
1-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



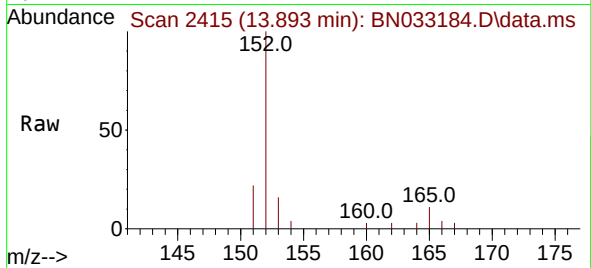
Tgt Ion:142 Resp: 3702
Ion Ratio Lower Upper
142 100
141 93.1 74.3 111.5





#10
Acenaphthylene
Concen: 0.270 ng/ul
RT: 13.893 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

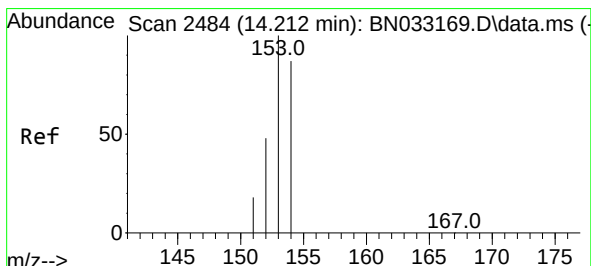
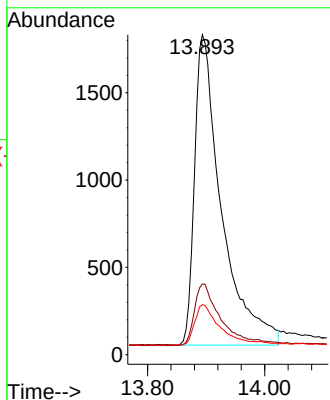
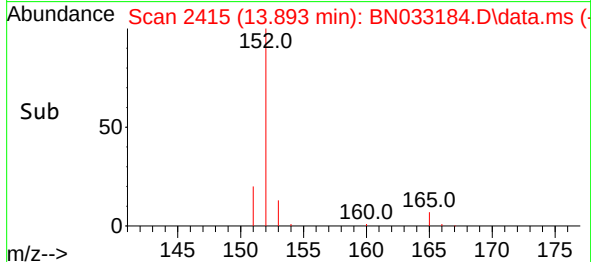
Instrument :
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Tgt Ion:152 Resp: 568
Ion Ratio Lower Upper
152 100
151 22.1 16.8 25.2
153 15.7 11.9 17.9

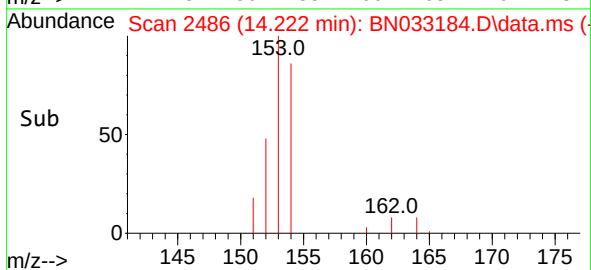
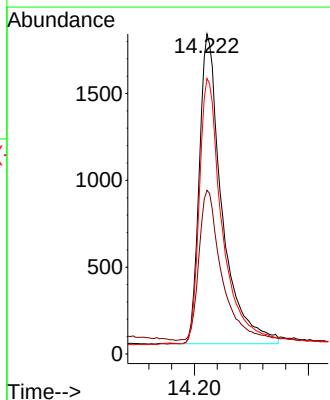
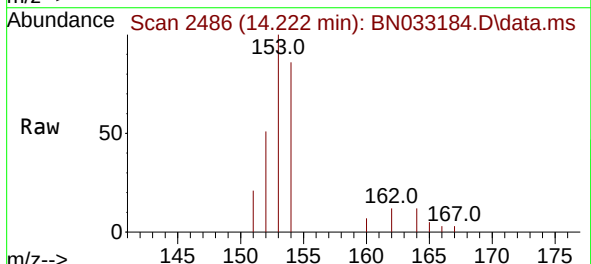
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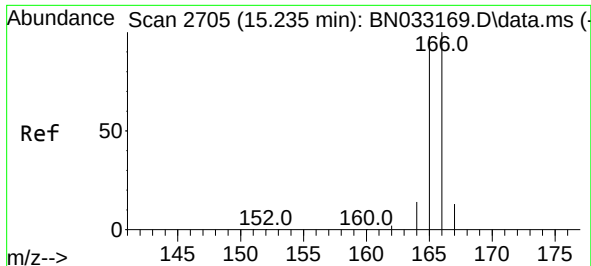
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#11
Acenaphthene
Concen: 0.312 ng/ul
RT: 14.222 min Scan# 2486
Delta R.T. -0.004 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

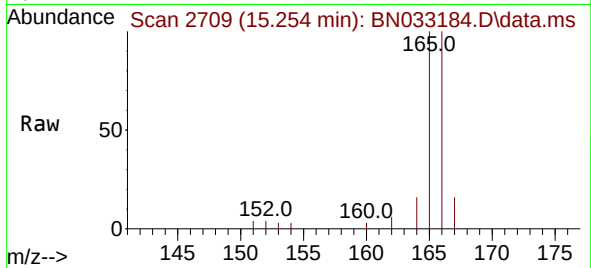
Tgt Ion:153 Resp: 4926
Ion Ratio Lower Upper
153 100
152 51.2 40.0 60.0
154 86.1 70.1 105.1





#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.254 min Scan# 2709
Delta R.T. 0.005 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

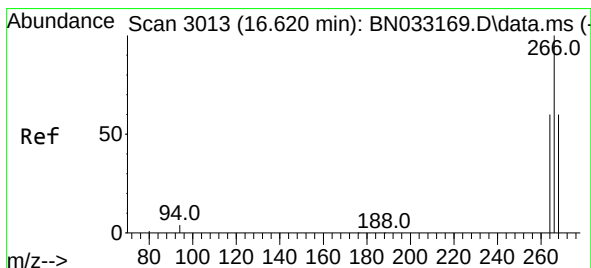
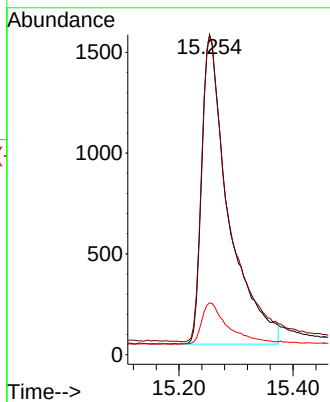
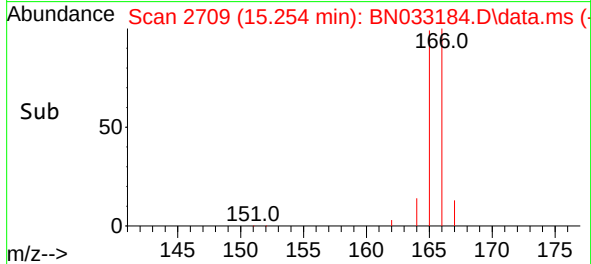
Instrument :
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ClientSampleId :
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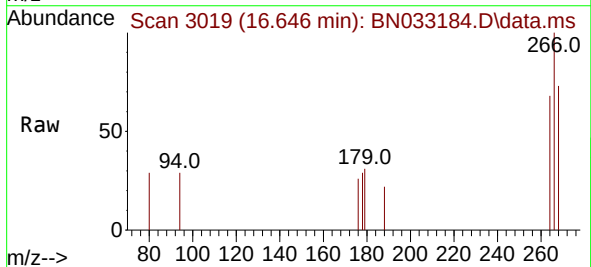
Tgt Ion:166 Resp: 4979
Ion Ratio Lower Upper
166 100
165 99.9 79.6 119.4
167 16.2 12.2 18.4

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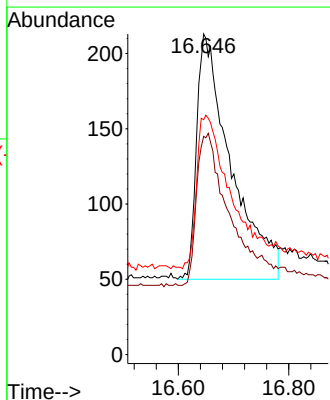
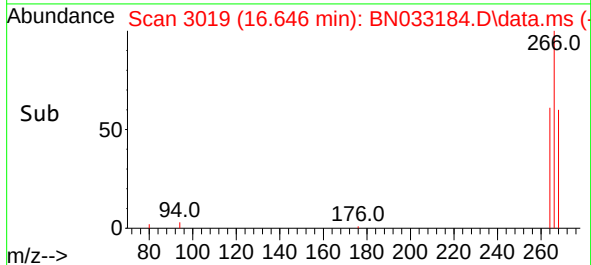
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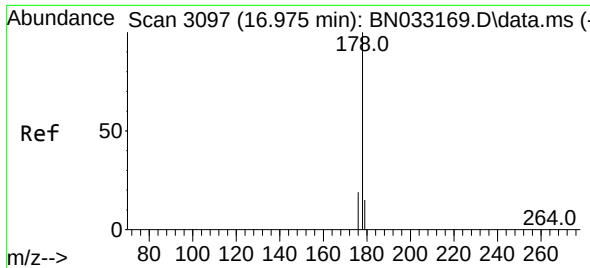


#14
Pentachlorophenol
Concen: 0.334 ng/ul
RT: 16.646 min Scan# 3019
Delta R.T. 0.005 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



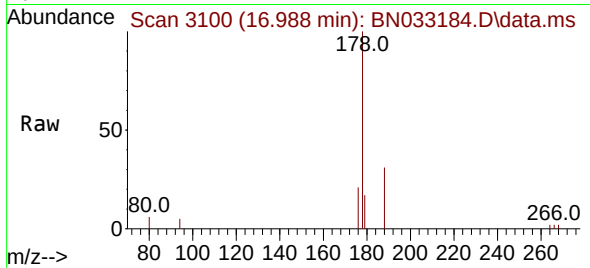
Tgt Ion:266 Resp: 702
Ion Ratio Lower Upper
266 100
264 61.1 49.3 73.9
268 63.4 51.8 77.8





#15
Phenanthrene
Concen: 0.279 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. 0.005 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

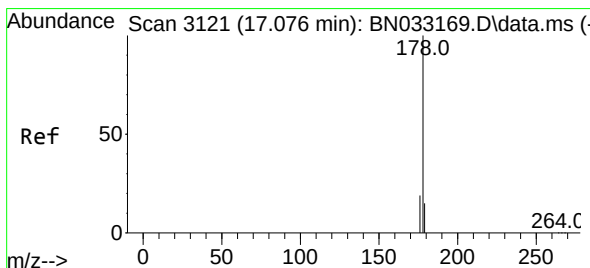
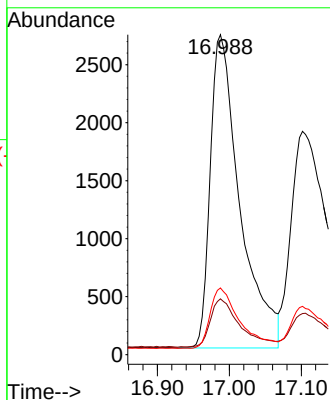
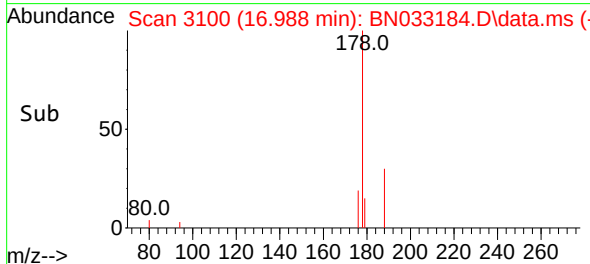
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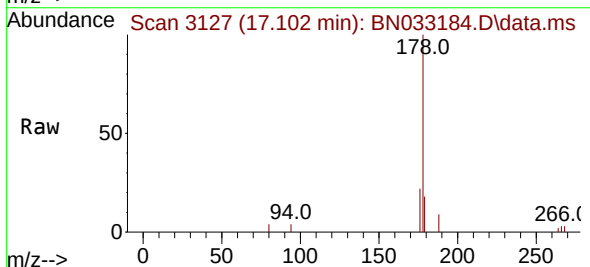
Tgt Ion:178 Resp: 772
Ion Ratio Lower Upper
178 100
179 17.4 13.7 20.5
176 20.8 15.9 23.9

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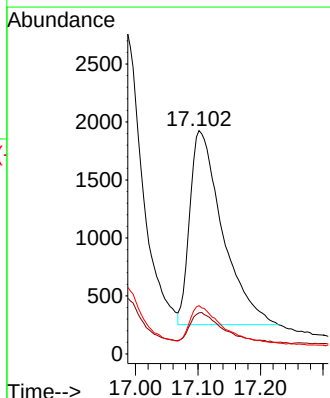
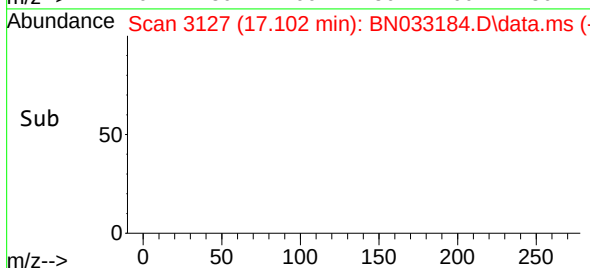
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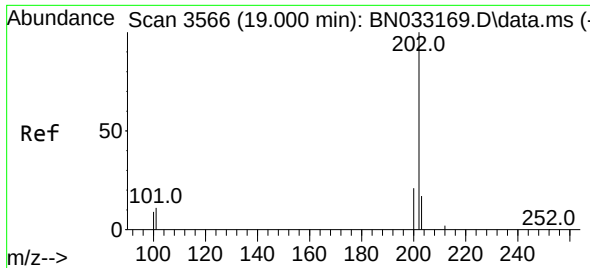


#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.102 min Scan# 3127
Delta R.T. 0.013 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



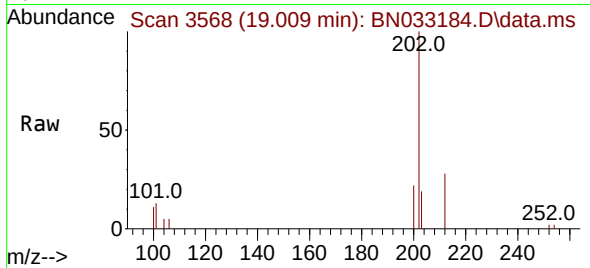
Tgt Ion:178 Resp: 6081
Ion Ratio Lower Upper
178 100
179 18.4 14.3 21.5
176 21.7 15.8 23.8





#19
Fluoranthene
Concen: 0.346 ng/u1
RT: 19.009 min Scan# 3566
Delta R.T. 0.005 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

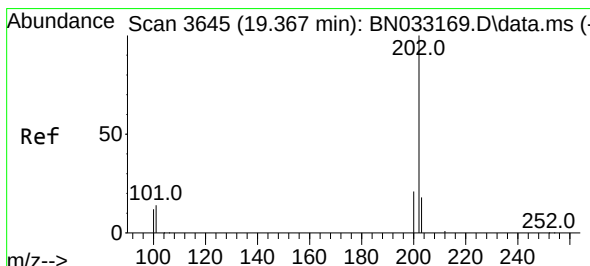
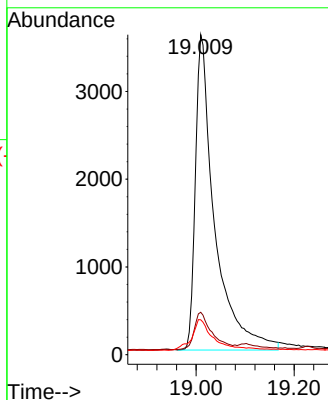
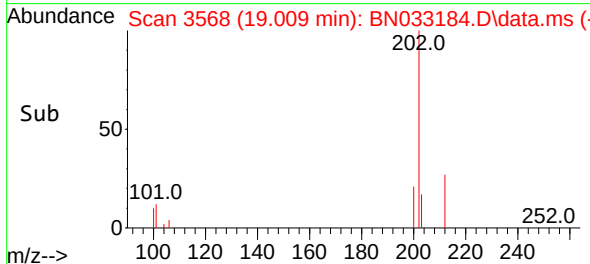
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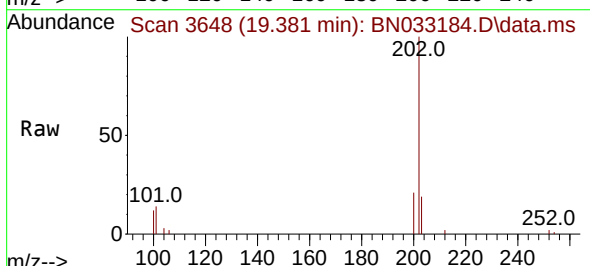
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Ion Ratio Lower Upper
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101 13.3 10.7 16.1
100 10.9 8.3 12.5

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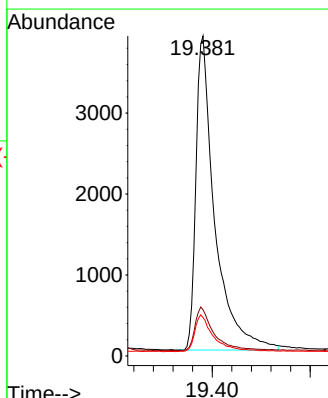
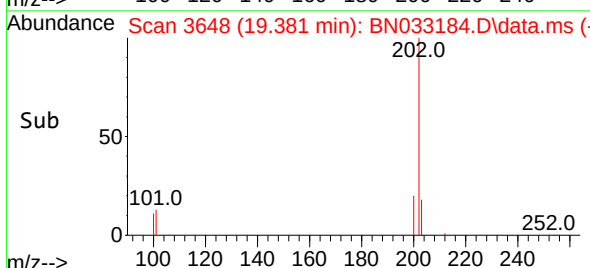
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Supervised By :mohammad ahmed 08/03/2024

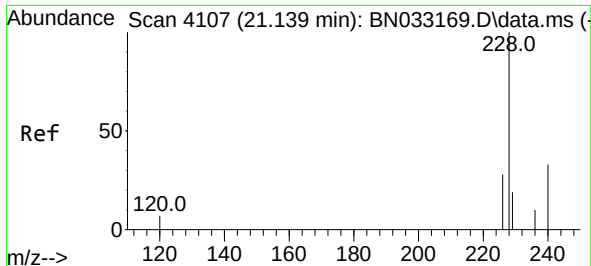


#20
Pyrene
Concen: 0.343 ng/u1
RT: 19.381 min Scan# 3648
Delta R.T. 0.010 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



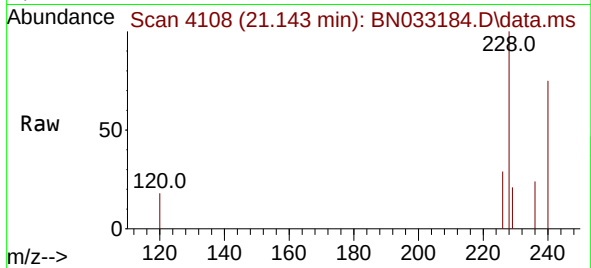
Tgt Ion:202 Resp: 10361
Ion Ratio Lower Upper
202 100
101 14.4 12.6 18.8
100 12.0 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.239 ng/ul
RT: 21.143 min Scan# 4108
Delta R.T. 0.006 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

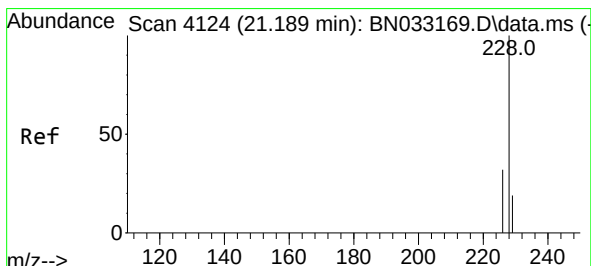
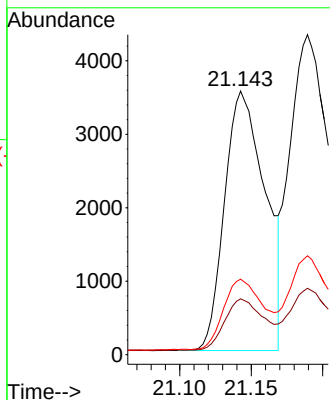
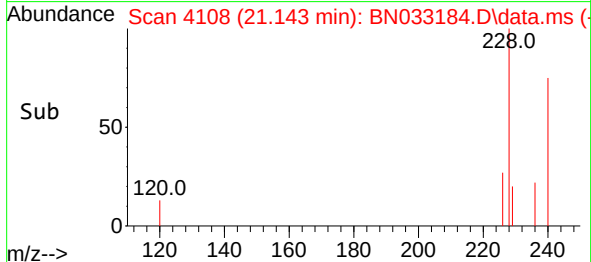
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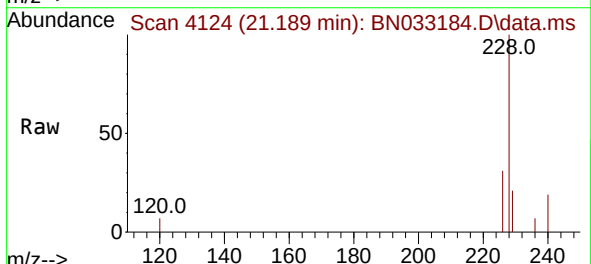
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Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.6 22.4 33.6

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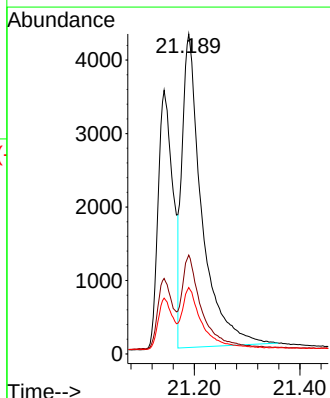
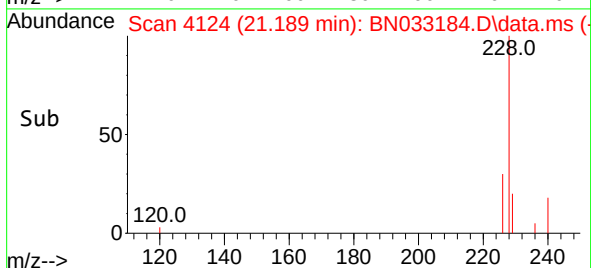
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

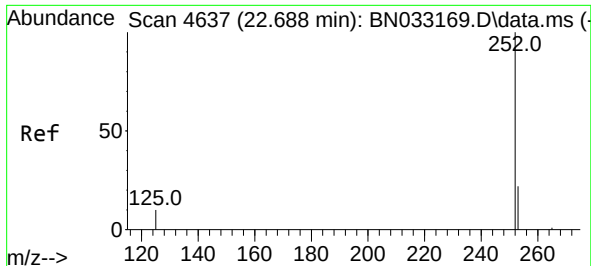


#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. 0.000 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



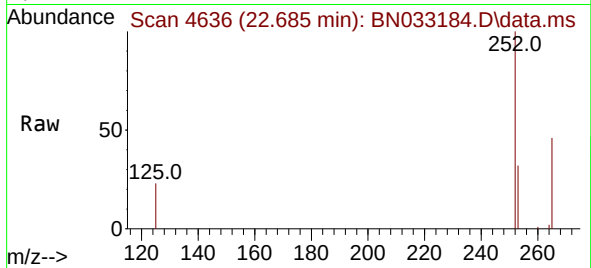
Tgt Ion:228 Resp: 11071
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 20.7 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.294 ng/ul
RT: 22.685 min Scan# 4636
Delta R.T. 0.003 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

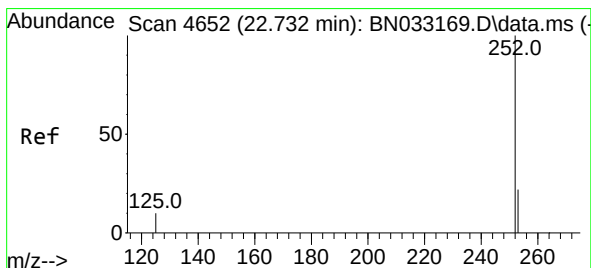
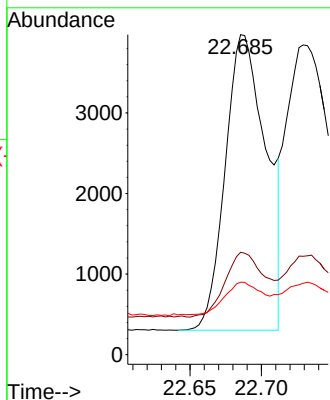
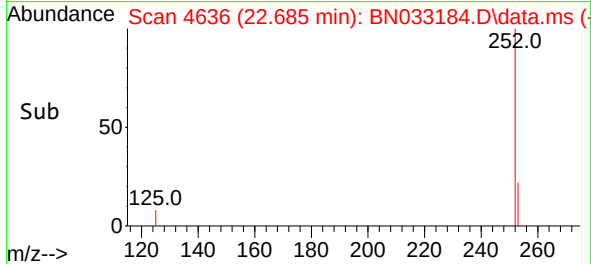
Instrument :
BNA_N
ClientSampleId :
SLCS413



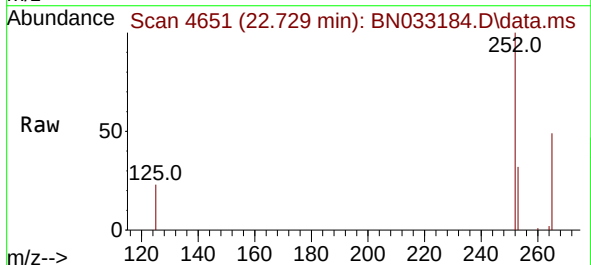
Tgt Ion:252 Resp: 7320
Ion Ratio Lower Upper
252 100
253 32.0 0.0 60.6
125 22.6 0.0 51.0

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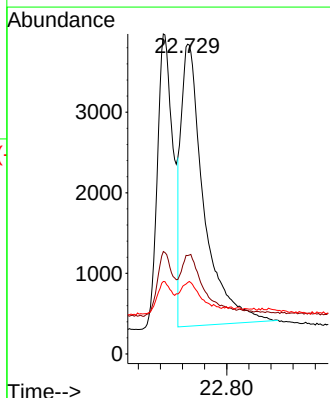
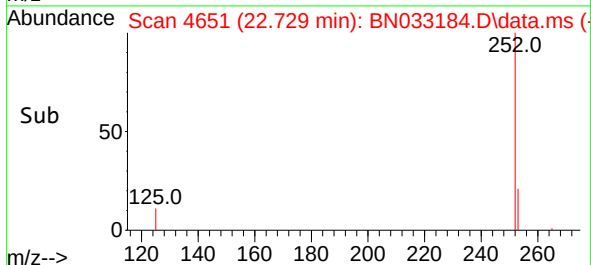
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

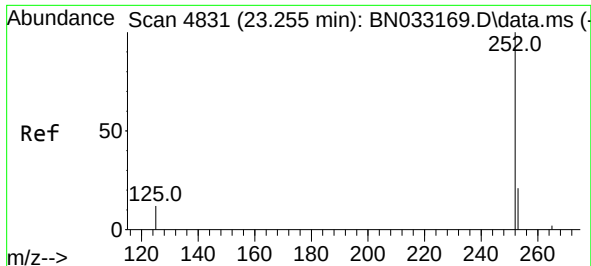


#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul
RT: 22.729 min Scan# 4651
Delta R.T. 0.003 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



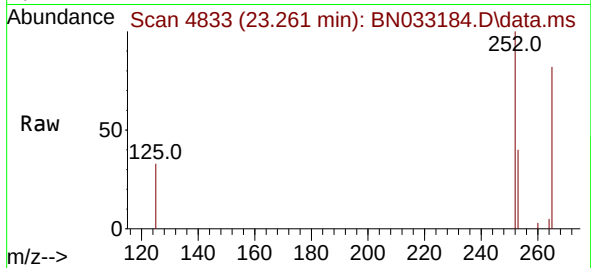
Tgt Ion:252 Resp: 10041
Ion Ratio Lower Upper
252 100
253 31.8 24.9 37.3
125 23.0 20.9 31.3





#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.261 min Scan# 4831
Delta R.T. 0.012 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

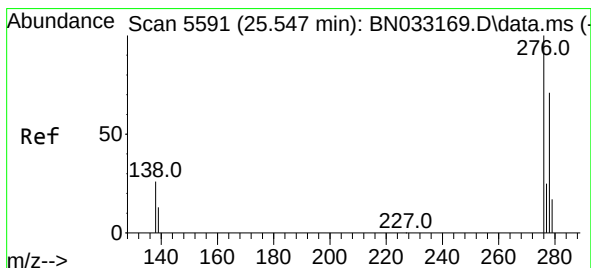
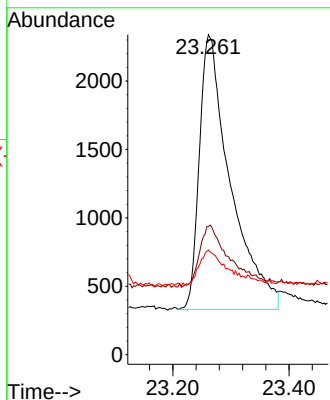
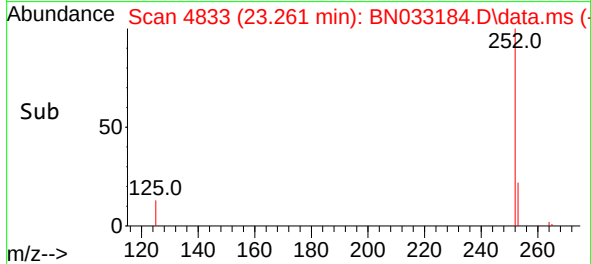
Instrument :
BNA_N
ClientSampleId :
SLCS413



Tgt Ion:252 Resp: 7430
Ion Ratio Lower Upper
252 100
253 40.1 27.5 41.3
125 32.7 27.0 40.6

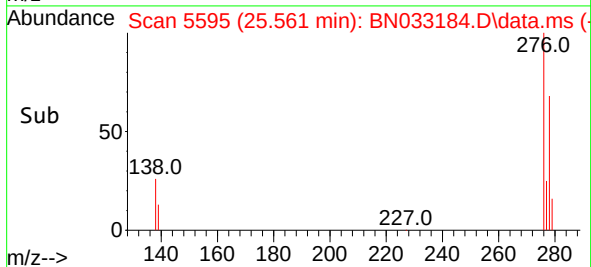
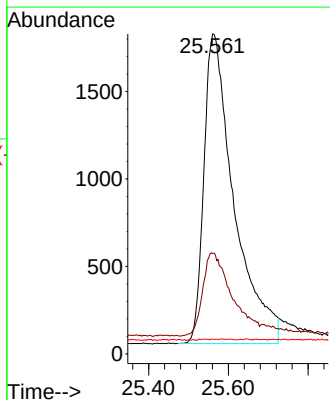
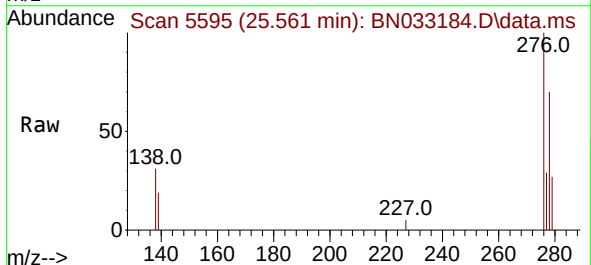
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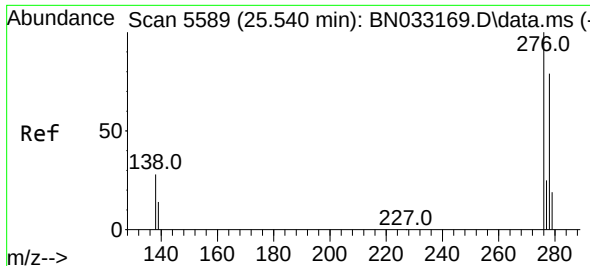
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 25.561 min Scan# 5595
Delta R.T. 0.020 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

Tgt Ion:276 Resp: 9286
Ion Ratio Lower Upper
276 100
138 27.8 21.8 32.8
227 0.0 0.2 0.2





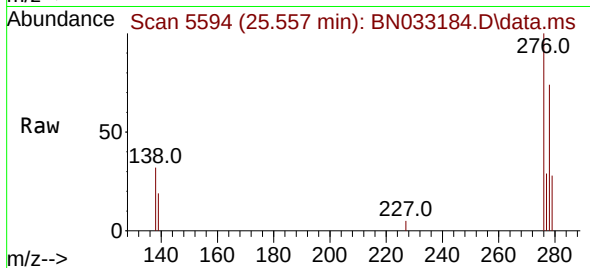
#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 25.557 min Scan# 51
Delta R.T. 0.017 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31

Instrument :

BNA_N

ClientSampleId :

SLCS413

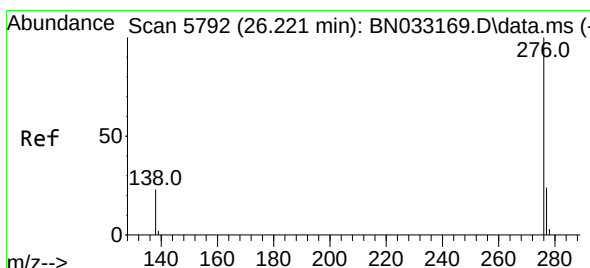
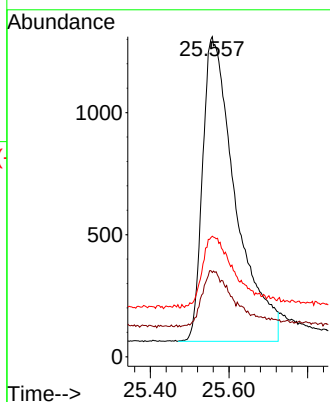
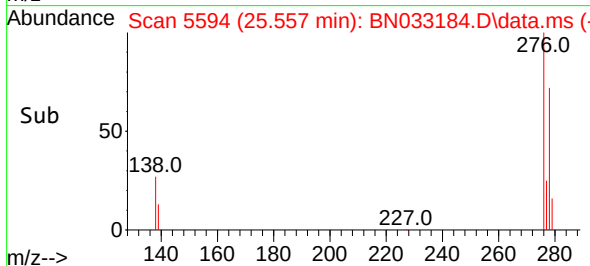


Tgt Ion:278 Resp: 7230
Ion Ratio Lower Upper
278 100
139 26.3 22.5 33.7
279 37.7 25.5 38.3

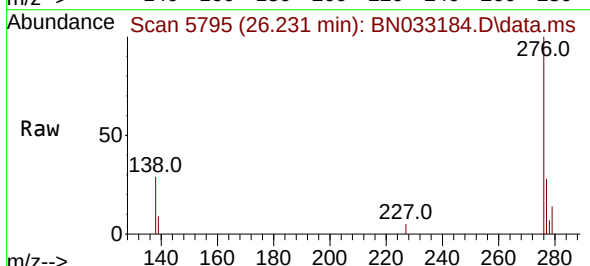
Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 26.231 min Scan# 5795
Delta R.T. 0.014 min
Lab File: BN033184.D
Acq: 02 Aug 2024 01:31



Tgt Ion:276 Resp: 8365
Ion Ratio Lower Upper
276 100
138 29.1 24.6 37.0
277 28.3 22.6 34.0

