

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
 Data File : BN022484.D
 Acq On : 03 Nov 2022 19:14
 Operator : CG/JU
 Sample : PB148780BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148780BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2022
 Supervised By : Sohil Jodhani 11/04/2022

Quant Time: Nov 04 04:12:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 03:28:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	2823	0.400	ng	0.00
7) Naphthalene-d8	10.752	136	8582	0.400	ng	# 0.00
13) Acenaphthene-d10	14.600	164	5092	0.400	ng	0.00
19) Phenanthrene-d10	17.362	188	9953	0.400	ng	# 0.01
29) Chrysene-d12	21.564	240	12818	0.400	ng	0.00
35) Perylene-d12	24.014	264	11933	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	2511	0.315	ng	0.00
5) Phenol-d6	7.097	99	3243	0.323	ng	0.00
8) Nitrobenzene-d5	9.118	82	2345	0.302	ng	0.01
11) 2-Methylnaphthalene-d10	12.357	152	4434	0.308	ng	0.00
14) 2,4,6-Tribromophenol	16.109	330	631	0.236	ng	0.01
15) 2-Fluorobiphenyl	13.231	172	6553	0.309	ng	0.01
27) Fluoranthene-d10	19.399	212	10350	0.381	ng	0.00
31) Terphenyl-d14	19.993	244	23537	0.589	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	17.015	266	350	0.267	ng	92
26) Anthracene	17.499	178	1034	0.035	ng	95
28) Fluoranthene	19.428	202	6096	0.170	ng	# 92
30) Pyrene	19.791	202	7036	0.127	ng	99
32) Benzo(a)anthracene	21.546	228	8260	0.160	ng	100
33) Chrysene	21.600	228	8861	0.174	ng	99
34) Bis(2-ethylhexyl)phtha...	21.457	149	6658	0.153	ng	98
36) Indeno(1,2,3-cd)pyrene	26.587	276	10257	0.179	ng	99
37) Benzo(b)fluoranthene	23.260	252	8758m	0.187	ng	
38) Benzo(k)fluoranthene	23.309	252	8693	0.182	ng	94
39) Benzo(a)pyrene	23.903	252	7009	0.174	ng	# 80
40) Dibenzo(a,h)anthracene	26.607	278	8193	0.179	ng	96
41) Benzo(g,h,i)perylene	27.382	276	8597	0.177	ng	98

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

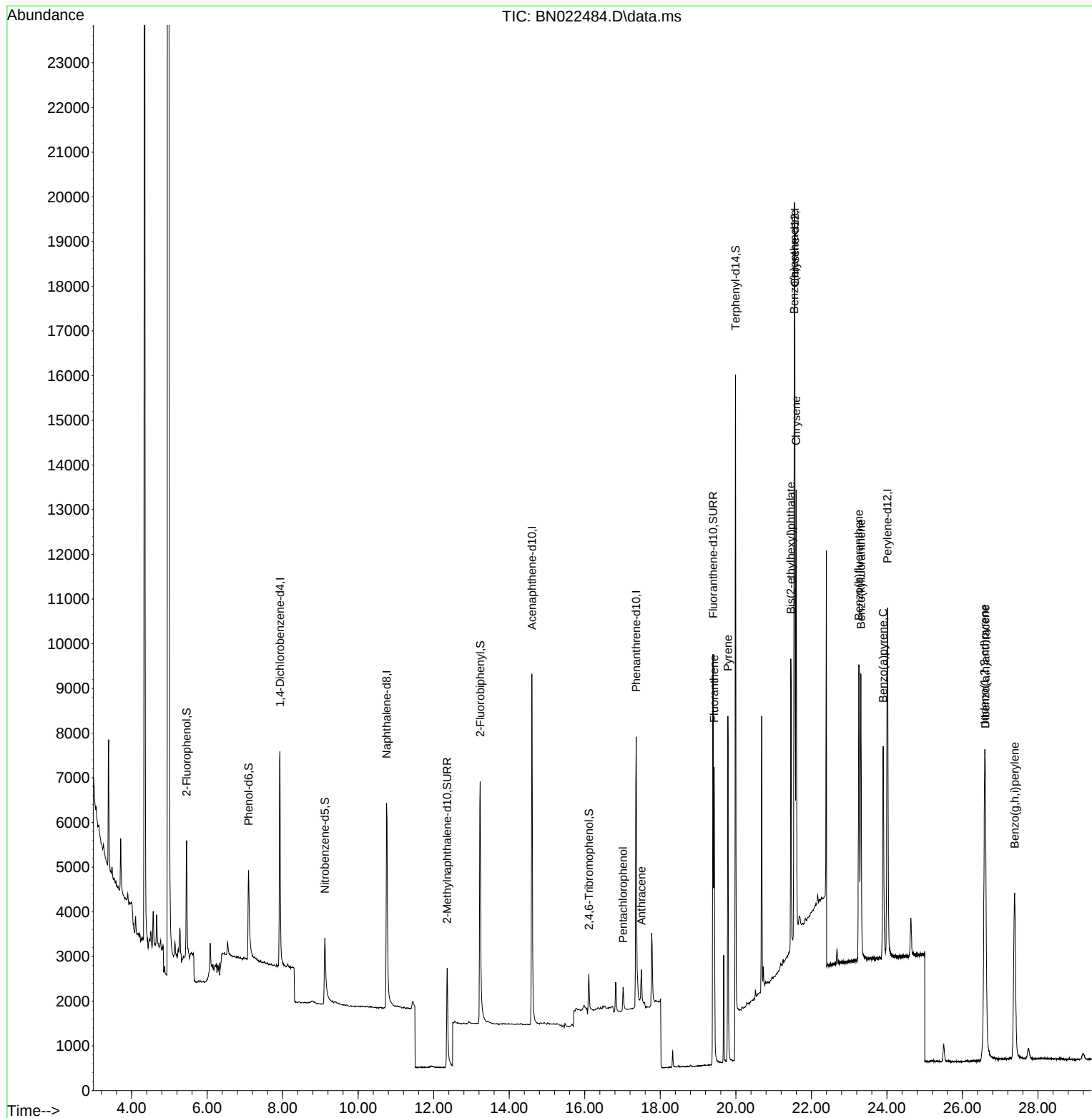
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022484.D
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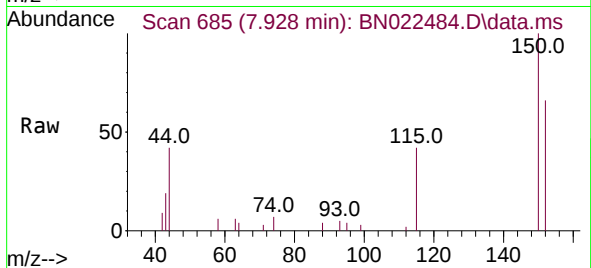
Quant Time: Nov 04 04:12:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.928 min Scan# 684
Delta R.T. 0.008 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

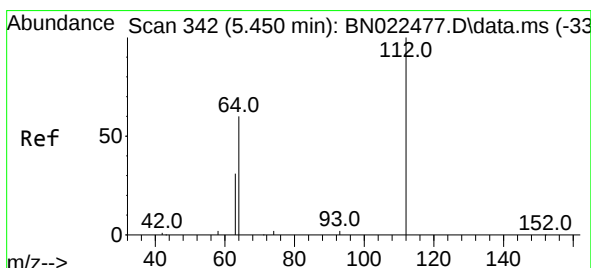
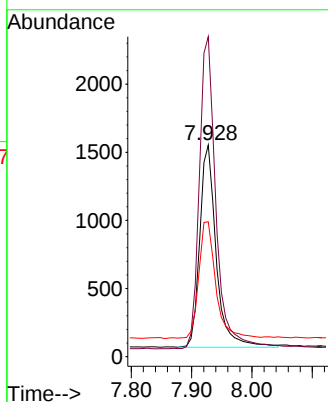
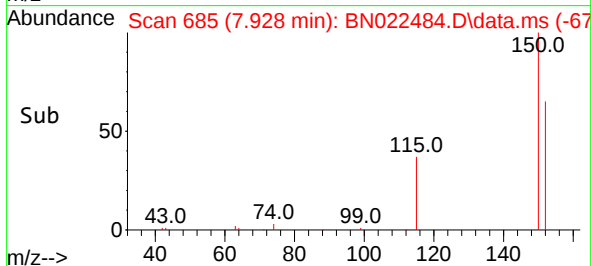
Instrument :
BNA_N
ClientSampleId :
PB148780BL



Tgt Ion:152 Resp: 2823
Ion Ratio Lower Upper
152 100
150 151.2 123.4 185.2
115 63.7 54.9 82.3

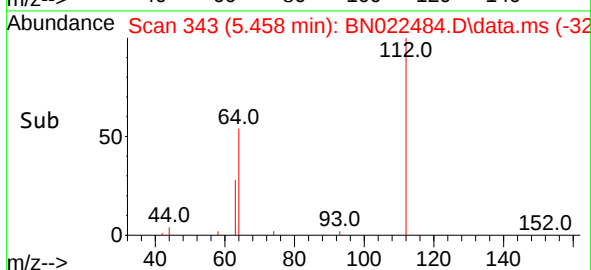
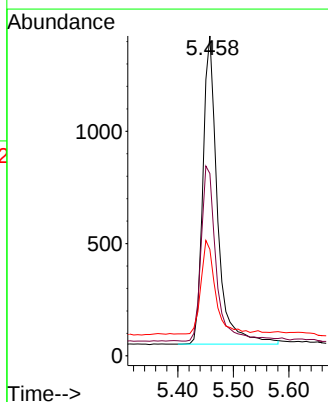
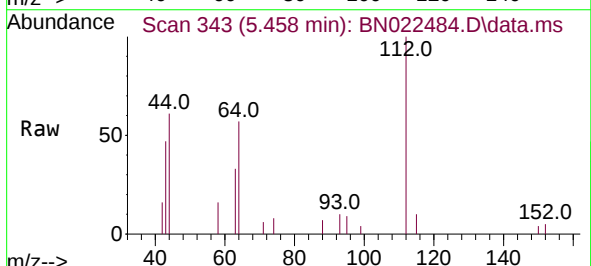
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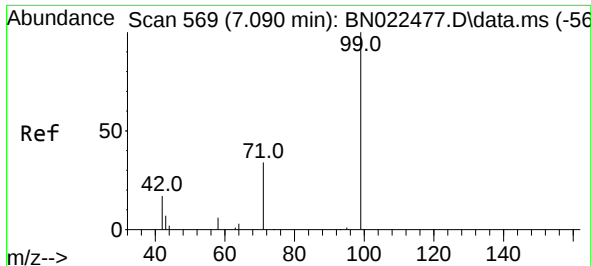
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#4
2-Fluorophenol
Concen: 0.315 ng
RT: 5.458 min Scan# 343
Delta R.T. 0.007 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Tgt Ion:112 Resp: 2511
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 29.7 24.6 36.8





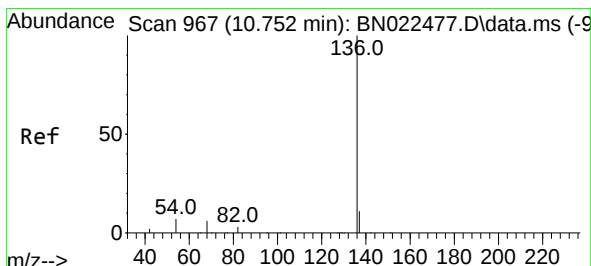
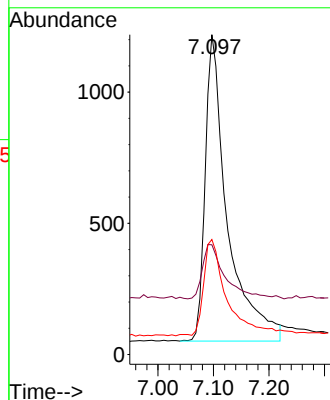
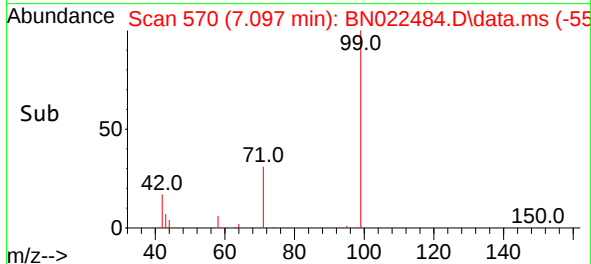
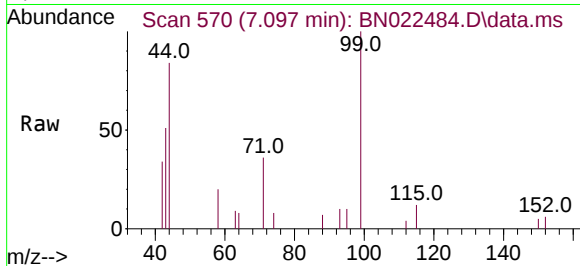
#5
Phenol-d6
Concen: 0.323 ng
RT: 7.097 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Instrument :
BNA_N
ClientSampleId :
PB148780BL

Tgt Ion: 99 Resp: 324
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 32.5 27.0 40.6

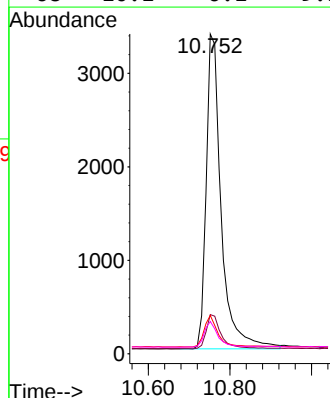
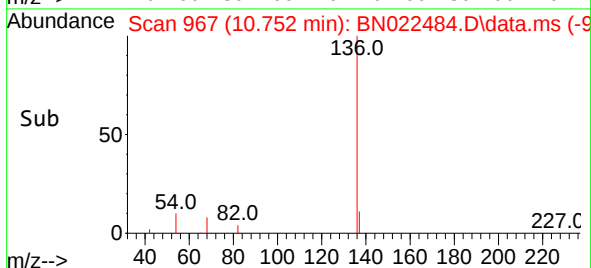
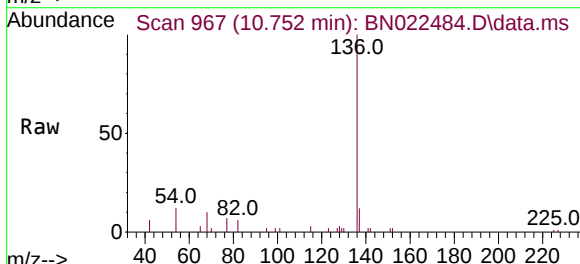
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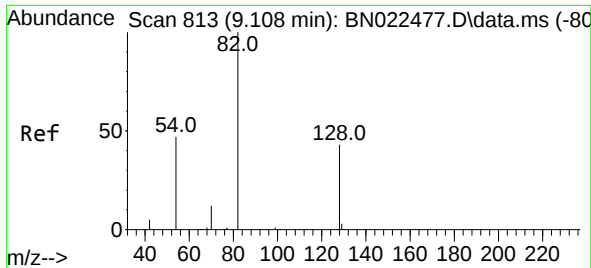
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.752 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

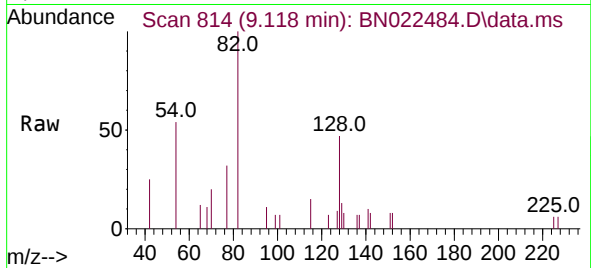
Tgt Ion:136 Resp: 8582
Ion Ratio Lower Upper
136 100
137 12.2 9.5 14.3
54 12.0 7.1 10.7#
68 10.1 6.1 9.1#





#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.118 min Scan# 813
Delta R.T. 0.011 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

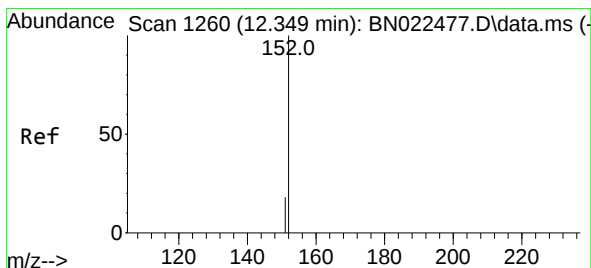
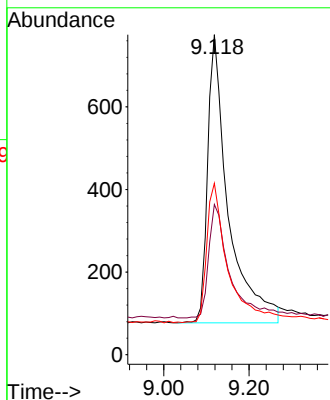
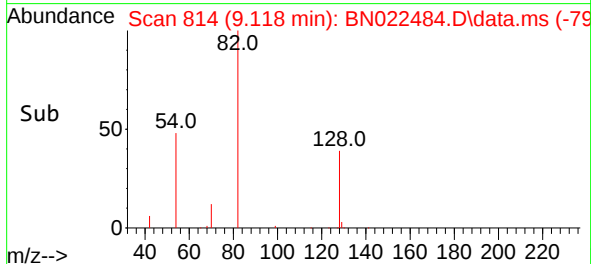
Instrument :
BNA_N
ClientSampleId :
PB148780BL



Tgt Ion: 82 Resp: 2345
Ion Ratio Lower Upper
82 100
128 47.0 37.3 55.9
54 53.5 40.0 60.0

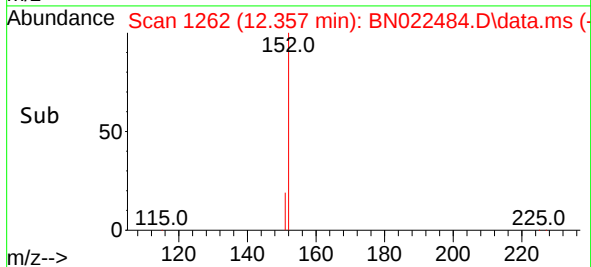
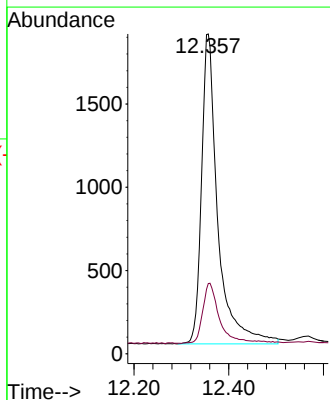
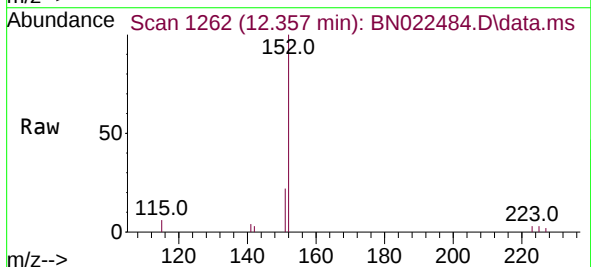
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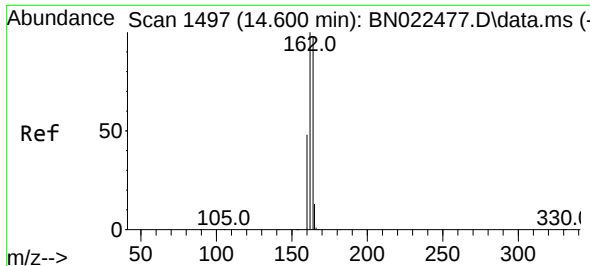
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#11
2-Methylnaphthalene-d10
Concen: 0.308 ng
RT: 12.357 min Scan# 1262
Delta R.T. 0.008 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

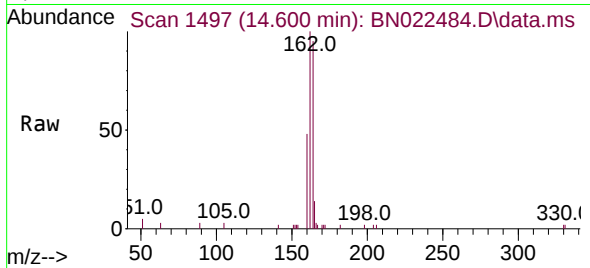
Tgt Ion:152 Resp: 4434
Ion Ratio Lower Upper
152 100
151 19.6 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.600 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

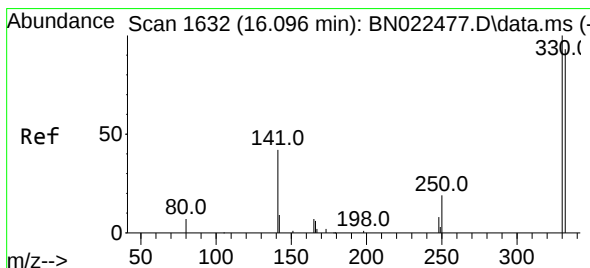
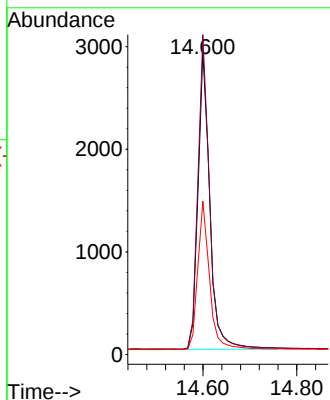
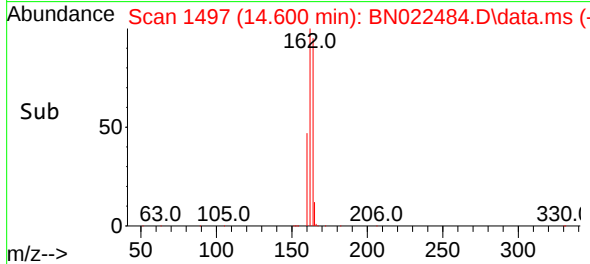
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BNA_N
ClientSampleId :
PB148780BL



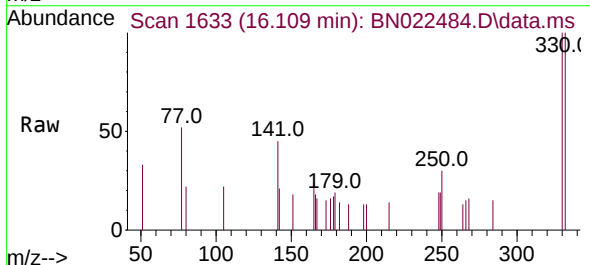
Tgt Ion:164 Resp: 5092
Ion Ratio Lower Upper
164 100
162 105.7 82.0 123.0
160 50.7 39.4 59.2

Manual Integrations
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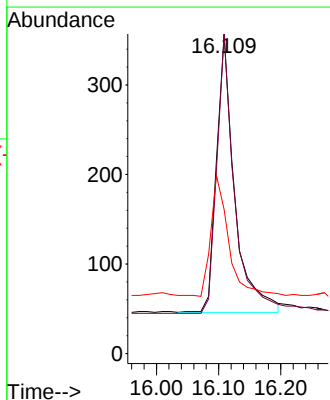
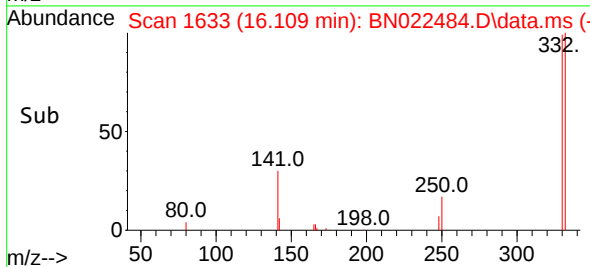
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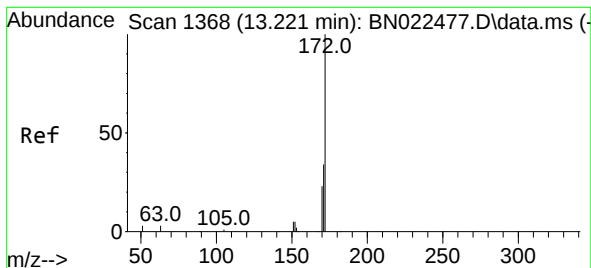


#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 16.109 min Scan# 1633
Delta R.T. 0.012 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14



Tgt Ion:330 Resp: 631
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 41.4 35.0 52.6





#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 13.231 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Instrument :

BNA_N

ClientSampleId :

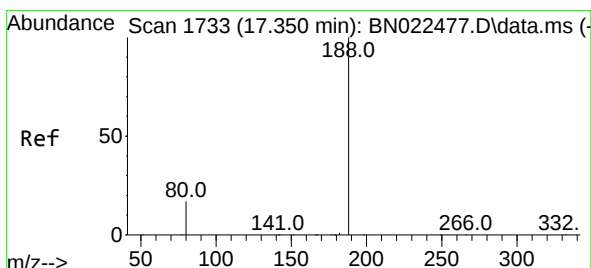
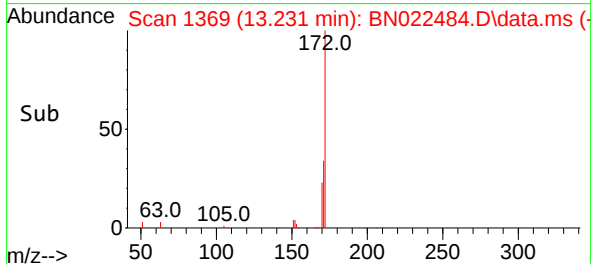
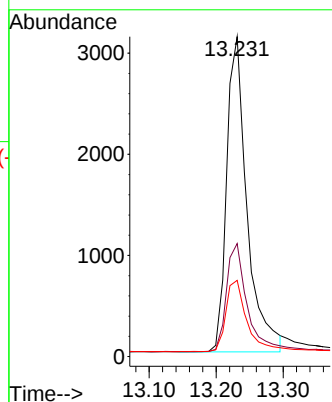
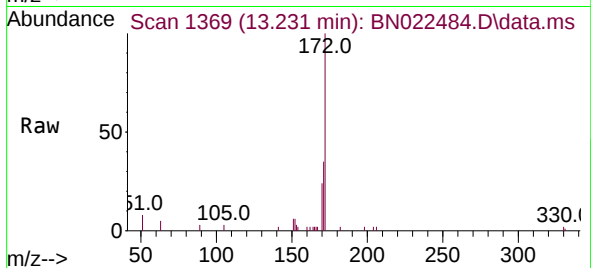
PB148780BL

Tgt Ion:172 Resp: 6553
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.8 19.2 28.8

Manual Integrations

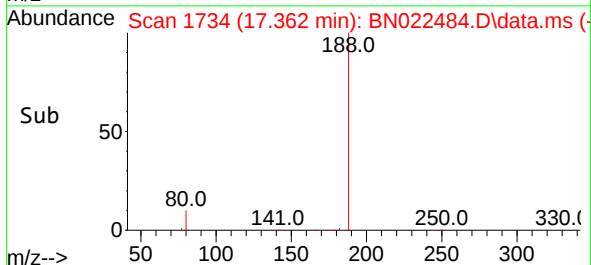
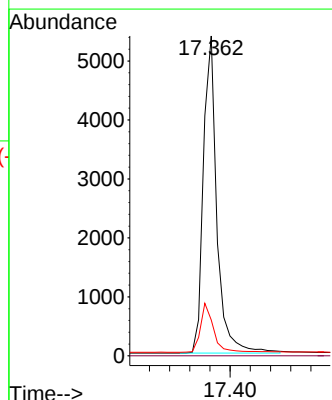
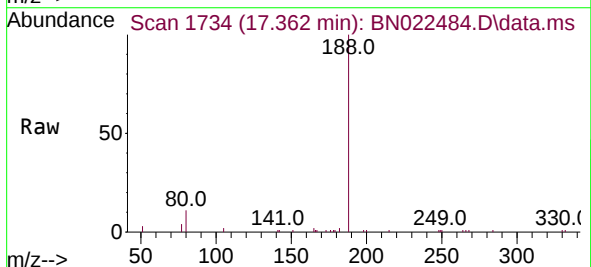
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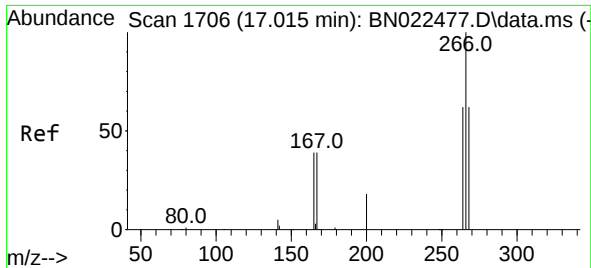
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.362 min Scan# 1734
Delta R.T. 0.012 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Tgt Ion:188 Resp: 9953
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 14.6 21.8





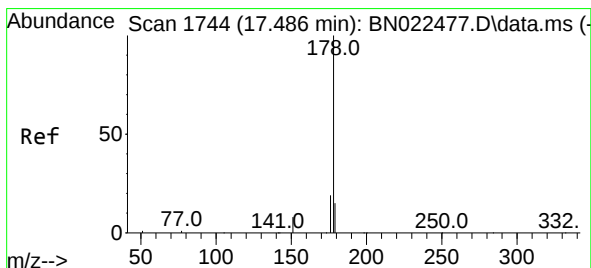
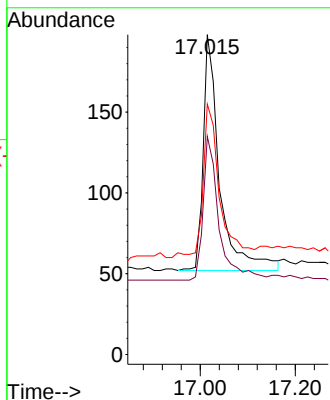
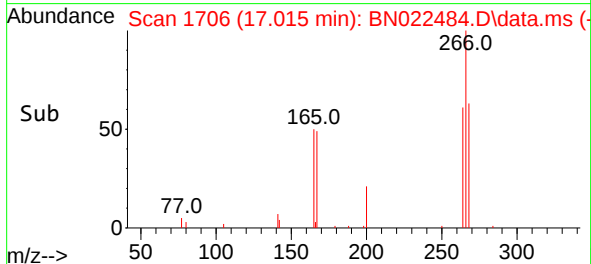
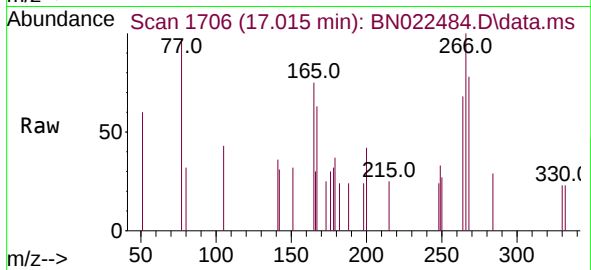
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Pentachlorophenol
Concen: 0.267 ng
RT: 17.015 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Instrument :
BNA_N
ClientSampleId :
PB148780BL

Tgt Ion:266 Resp: 350
Ion Ratio Lower Upper
266 100
264 58.6 50.6 75.8
268 59.7 54.1 81.1

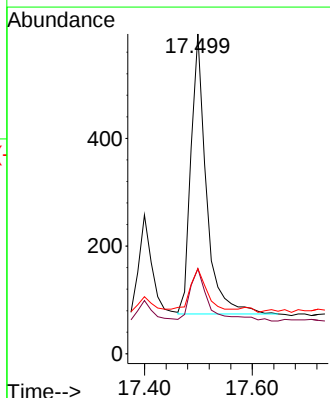
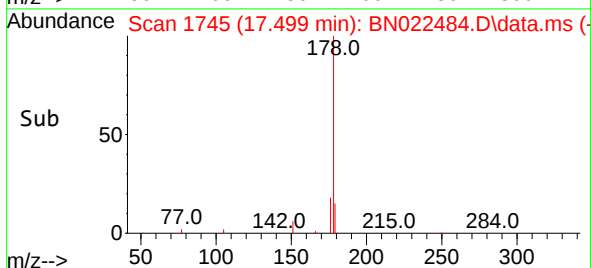
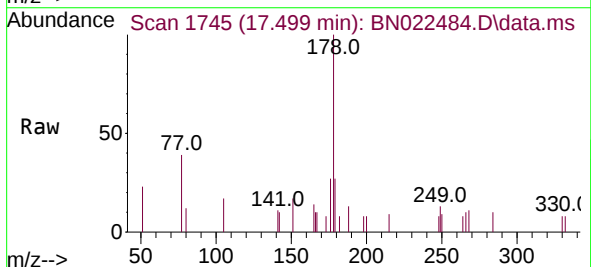
Manual Integrations
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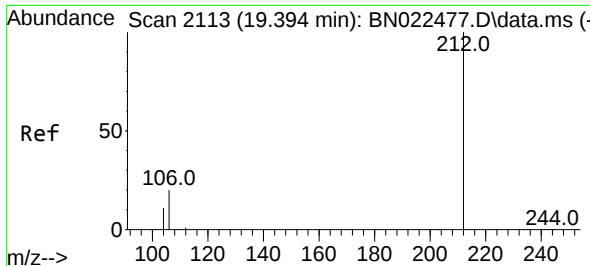
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#26
Anthracene
Concen: 0.035 ng
RT: 17.499 min Scan# 1745
Delta R.T. 0.012 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

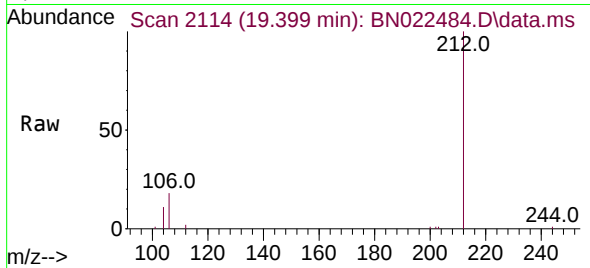
Tgt Ion:178 Resp: 1034
Ion Ratio Lower Upper
178 100
176 22.1 14.8 22.2
179 15.1 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.399 min Scan# 2114
Delta R.T. 0.004 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

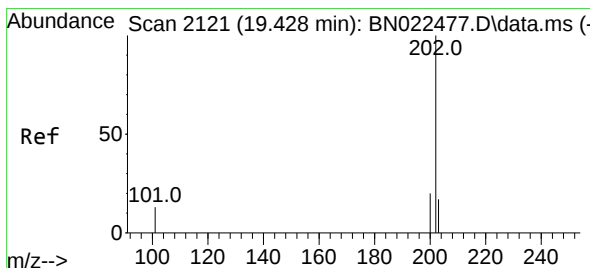
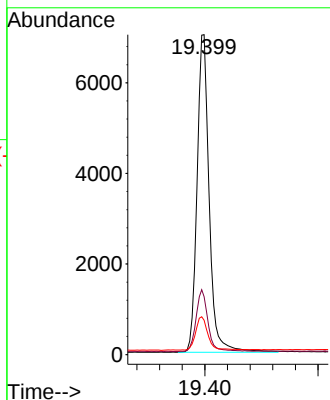
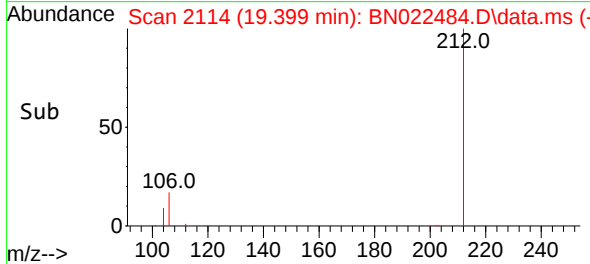
Instrument :
BNA_N
ClientSampleId :
PB148780BL



Tgt Ion:212 Resp: 10350
Ion Ratio Lower Upper
212 100
106 19.0 15.2 22.8
104 10.6 8.6 12.8

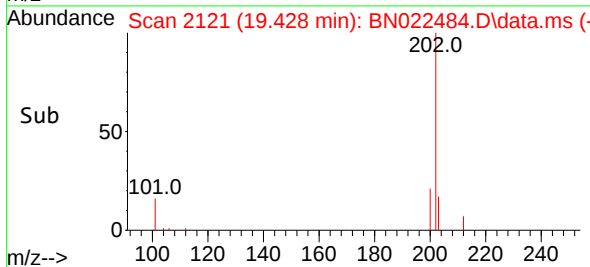
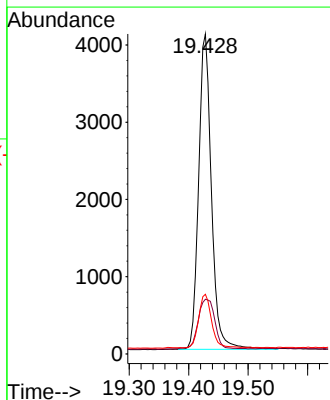
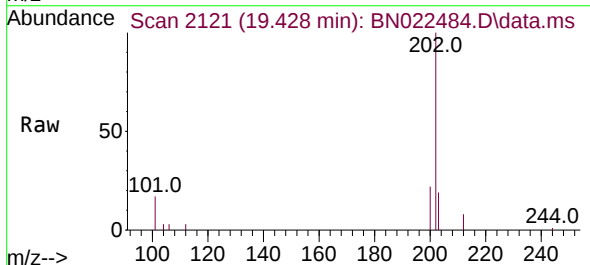
Manual Integrations
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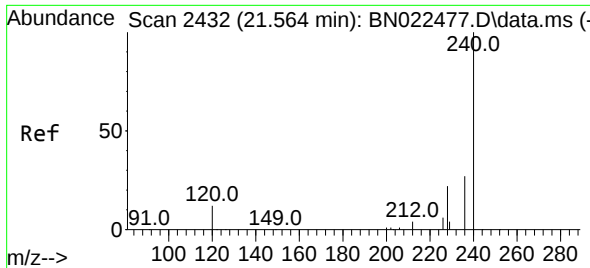
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022



#28
Fluoranthene
Concen: 0.170 ng
RT: 19.428 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Tgt Ion:202 Resp: 6096
Ion Ratio Lower Upper
202 100
101 20.7 11.2 16.8#
203 17.1 13.6 20.4





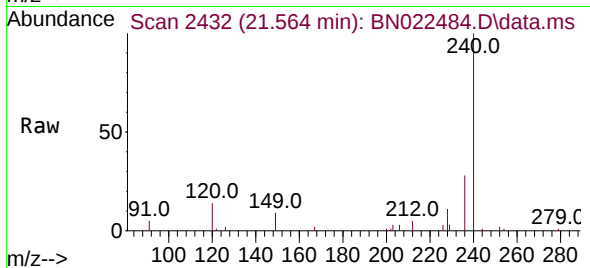
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.564 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Instrument :

BNA_N

ClientSampleId :

PB148780BL

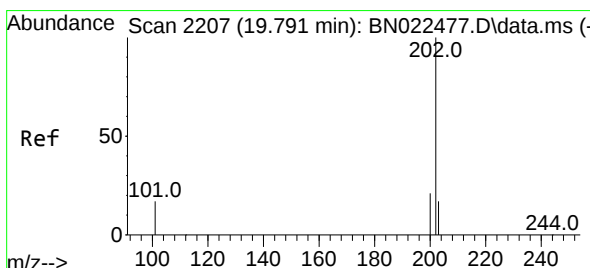
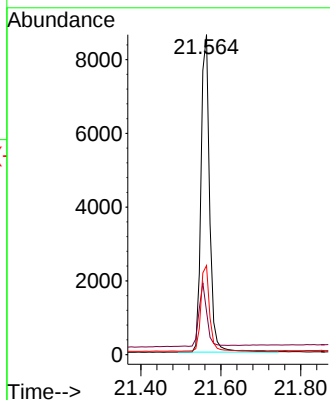
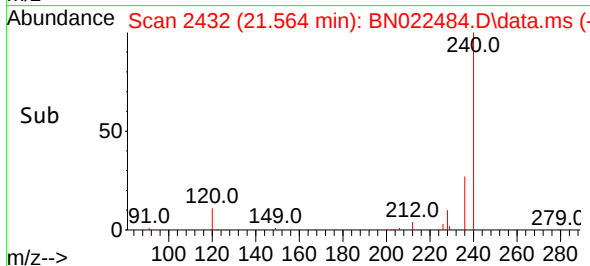


Tgt Ion:240 Resp: 12818
Ion Ratio Lower Upper
240 100
120 13.5 12.4 18.6
236 27.8 22.7 34.1

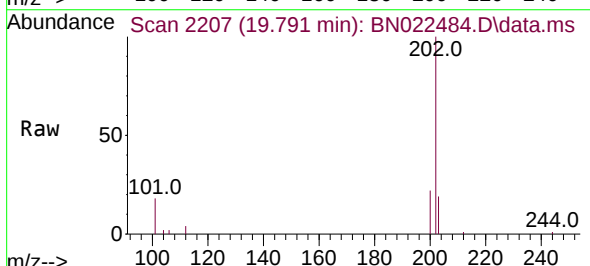
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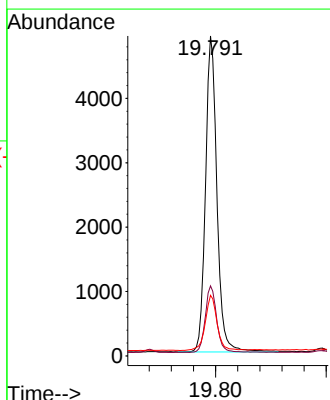
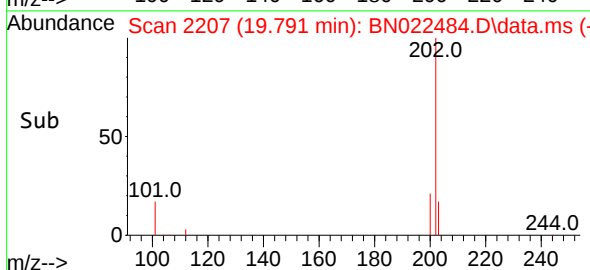
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

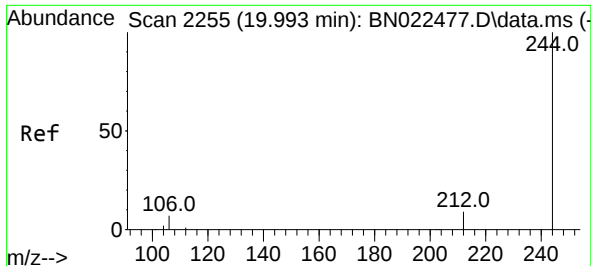


#30
Pyrene
Concen: 0.127 ng
RT: 19.791 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14



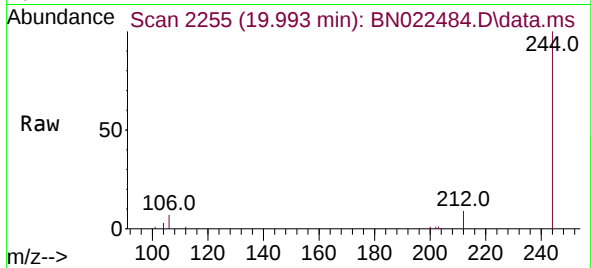
Tgt Ion:202 Resp: 7036
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.2 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.589 ng
 RT: 19.993 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022484.D
 Acq: 03 Nov 2022 19:14

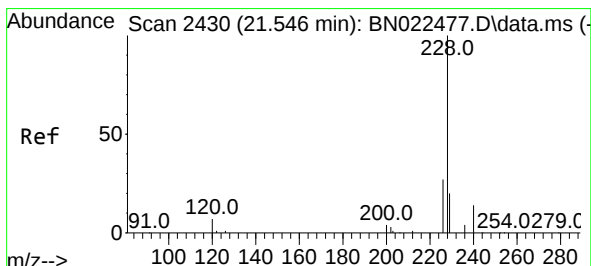
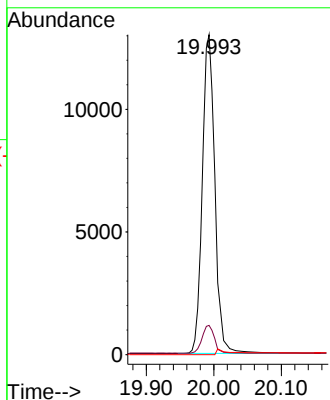
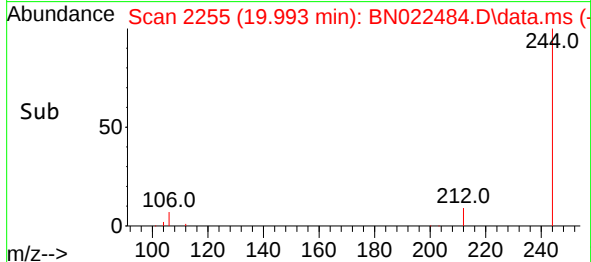
Instrument :
 BNA_N
 ClientSampleId :
 PB148780BL



Tgt Ion:244 Resp: 2353
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.8 11.8
 122 0.0 0.0 0.0

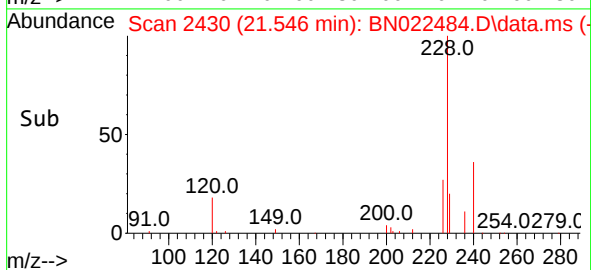
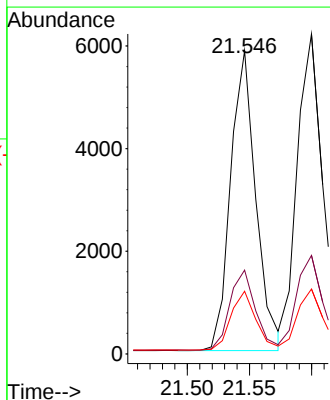
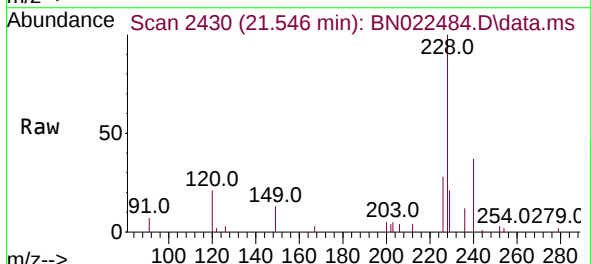
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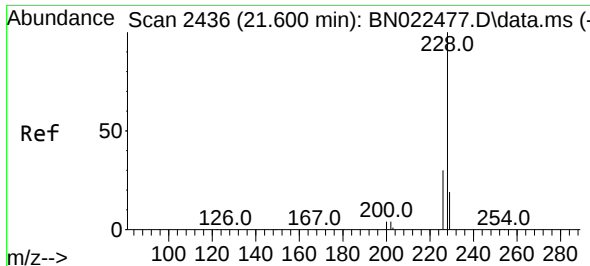
Reviewed By :Christian Giraldo 11/04/2022
 Supervised By :Sohil Jodhani 11/04/2022



#32
 Benzo(a)anthracene
 Concen: 0.160 ng
 RT: 21.546 min Scan# 2430
 Delta R.T. 0.000 min
 Lab File: BN022484.D
 Acq: 03 Nov 2022 19:14

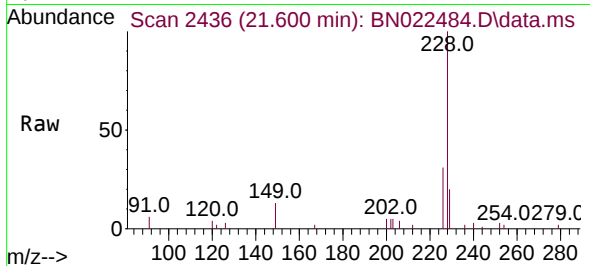
Tgt Ion:228 Resp: 8260
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.1 33.1
 229 20.7 16.4 24.6





#33
Chrysene
Concen: 0.174 ng
RT: 21.600 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

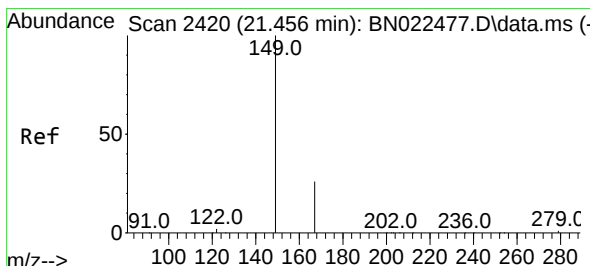
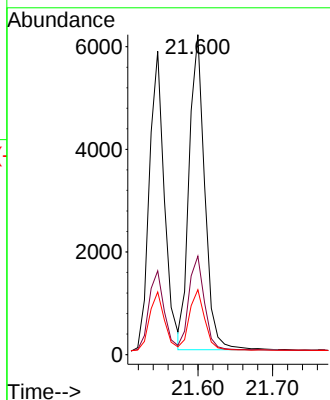
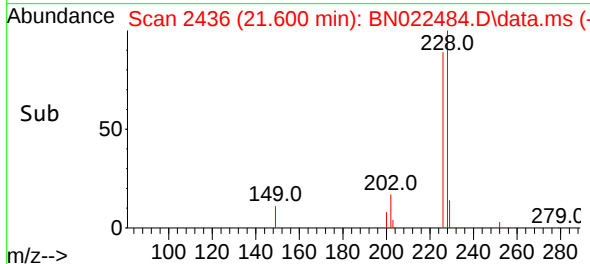
Instrument :
BNA_N
ClientSampleId :
PB148780BL



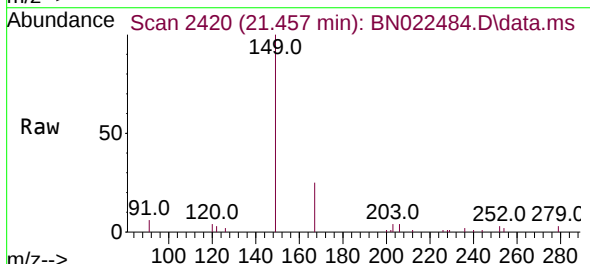
Tgt Ion:228 Resp: 886
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 20.3 15.9 23.9

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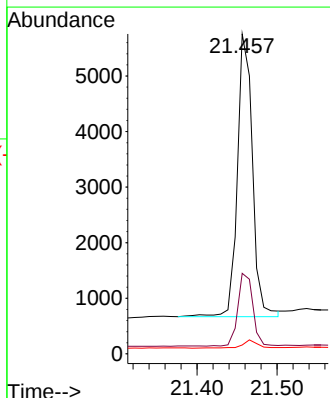
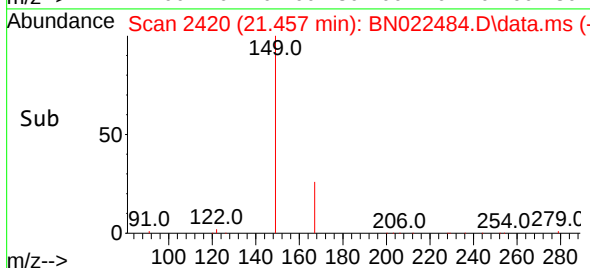
Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

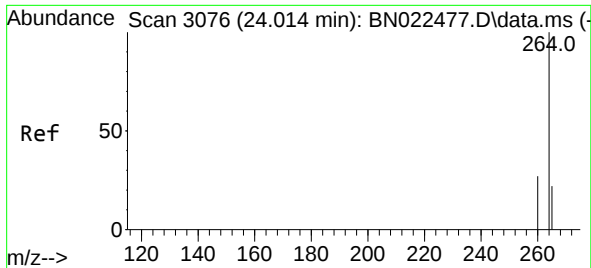


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.153 ng
RT: 21.457 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14



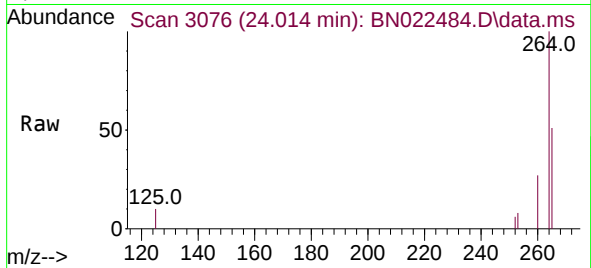
Tgt Ion:149 Resp: 6658
Ion Ratio Lower Upper
149 100
167 25.5 21.3 31.9
279 3.2 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.014 min Scan# 3076
 Delta R.T. 0.000 min
 Lab File: BN022484.D
 Acq: 03 Nov 2022 19:14

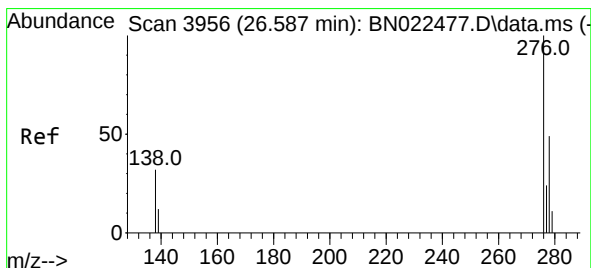
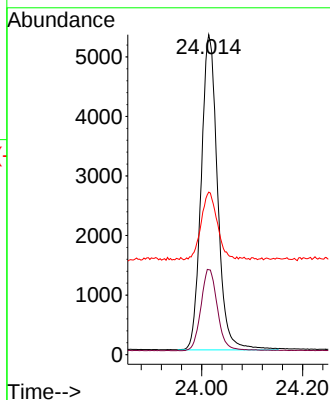
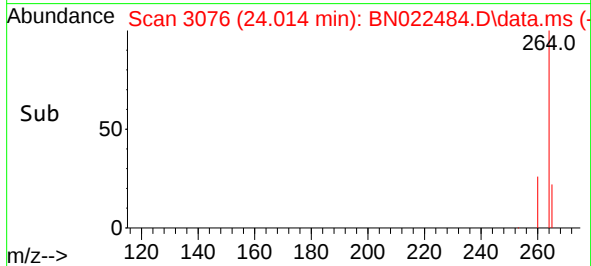
Instrument :
 BNA_N
 ClientSampleId :
 PB148780BL



Tgt Ion:264 Resp: 11933
 Ion Ratio Lower Upper
 264 100
 260 26.5 22.4 33.6
 265 50.8 44.4 66.6

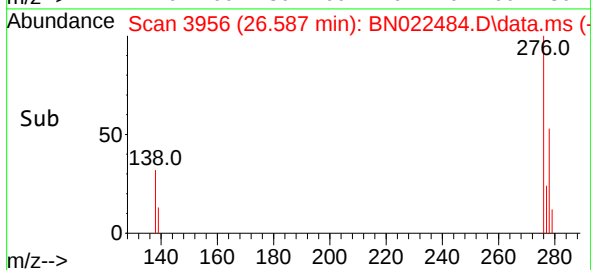
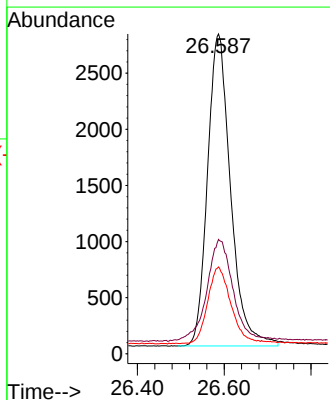
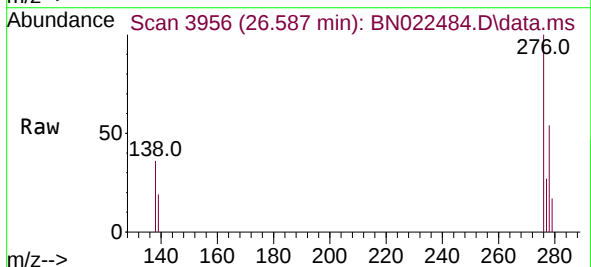
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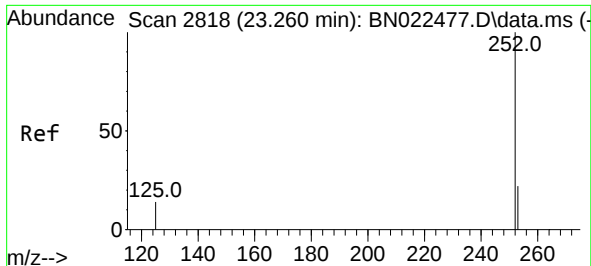
Reviewed By :Christian Giraldo 11/04/2022
 Supervised By :Sohil Jodhani 11/04/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.179 ng
 RT: 26.587 min Scan# 3956
 Delta R.T. 0.000 min
 Lab File: BN022484.D
 Acq: 03 Nov 2022 19:14

Tgt Ion:276 Resp: 10257
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.5 41.3
 277 24.6 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.187 ng m

RT: 23.260 min Scan# 2818

Delta R.T. 0.000 min

Lab File: BN022484.D

Acq: 03 Nov 2022 19:14

Instrument :

BNA_N

ClientSampleId :

PB148780BL

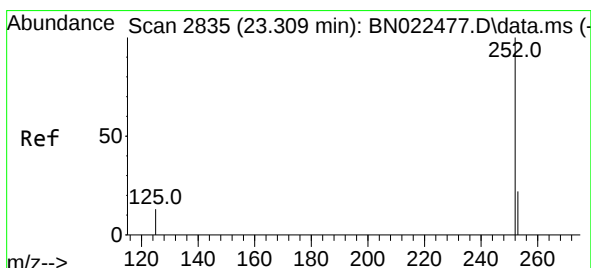
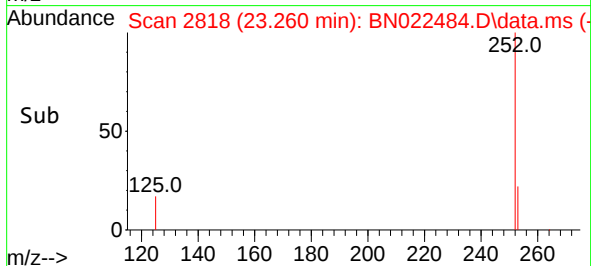
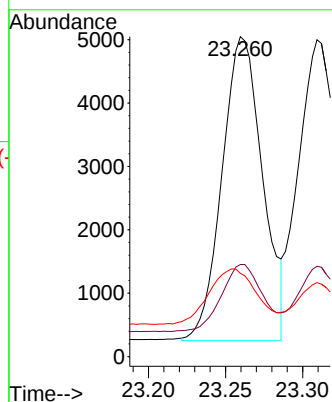
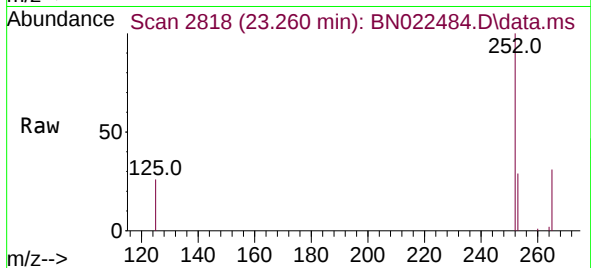
Tgt Ion:	252	Resp:	8758
Ion Ratio	Lower	Upper	
252	100		
253	28.8	21.1	31.7
125	26.0	16.8	25.2

Manual Integrations

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Supervised By :Sohil Jodhani 11/04/2022



#38

Benzo(k)fluoranthene

Concen: 0.182 ng

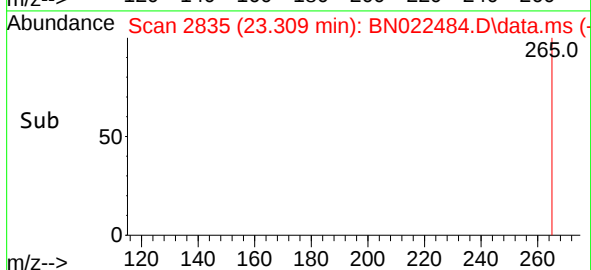
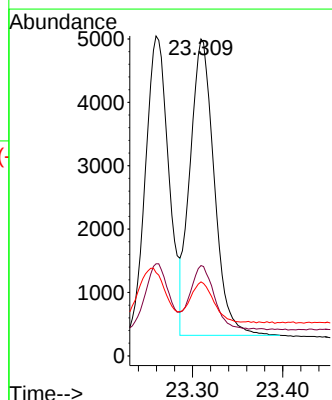
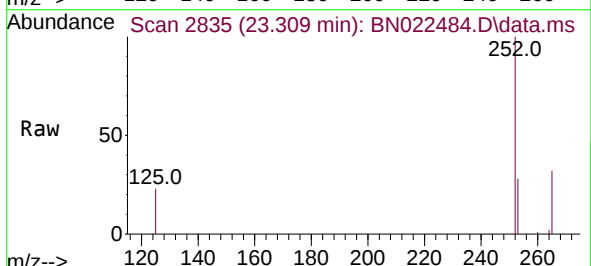
RT: 23.309 min Scan# 2835

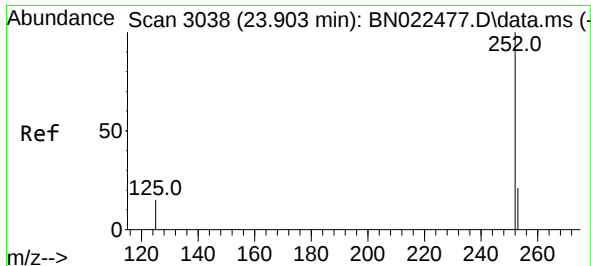
Delta R.T. 0.000 min

Lab File: BN022484.D

Acq: 03 Nov 2022 19:14

Tgt Ion:	252	Resp:	8693
Ion Ratio	Lower	Upper	
252	100		
253	28.5	20.9	31.3
125	23.4	16.1	24.1





#39

Benzo(a)pyrene

Concen: 0.174 ng

RT: 23.903 min Scan# 3038

Delta R.T. 0.000 min

Lab File: BN022484.D

Acq: 03 Nov 2022 19:14

Instrument :

BNA_N

ClientSampleId :

PB148780BL

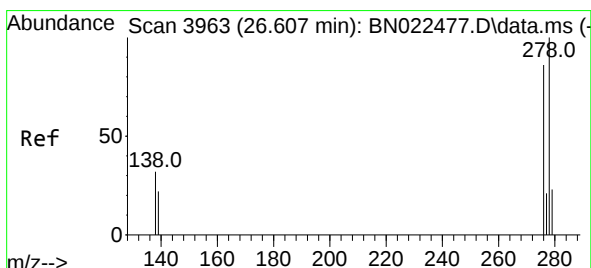
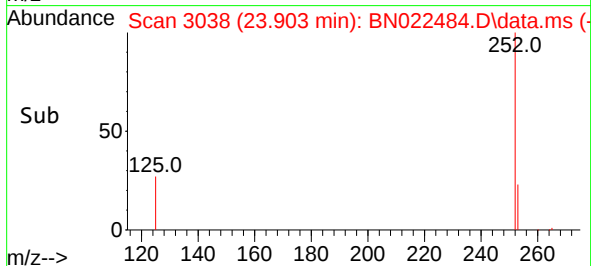
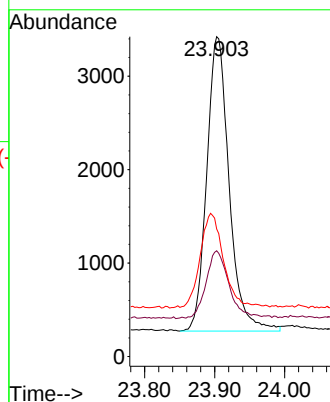
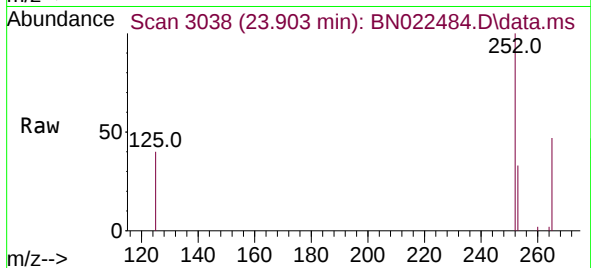
Tgt Ion:	252	Resp:	7009
Ion Ratio	Lower	Upper	
252	100		
253	33.1	22.0	33.0
125	39.9	19.8	29.8

Manual Integrations

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Supervised By :Sohil Jodhani 11/04/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.179 ng

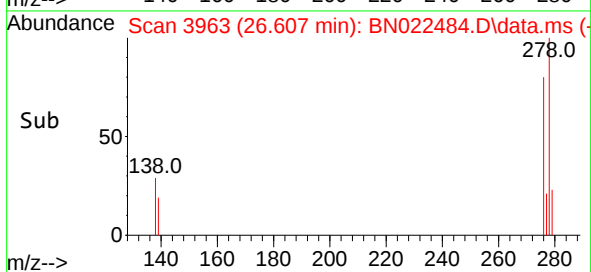
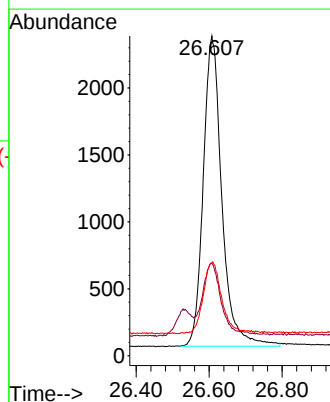
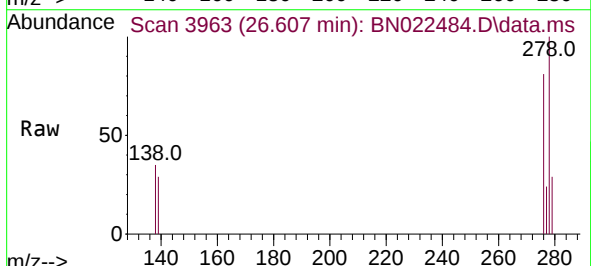
RT: 26.607 min Scan# 3963

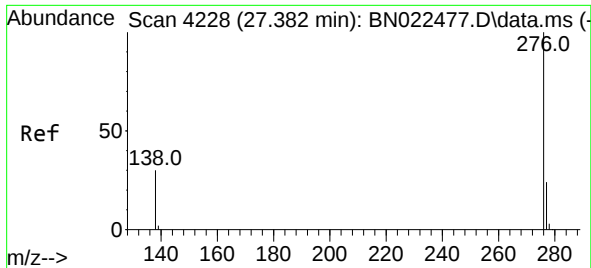
Delta R.T. 0.000 min

Lab File: BN022484.D

Acq: 03 Nov 2022 19:14

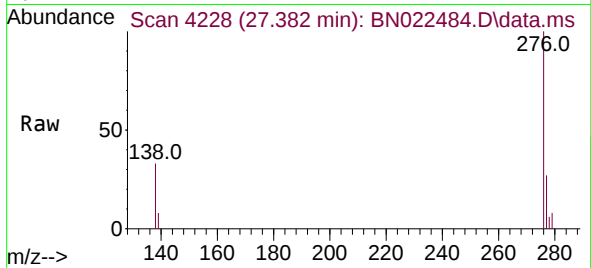
Tgt Ion:	278	Resp:	8193
Ion Ratio	Lower	Upper	
278	100		
139	28.9	21.8	32.6
279	29.1	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 0.177 ng
RT: 27.382 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN022484.D
Acq: 03 Nov 2022 19:14

Instrument :
BNA_N
ClientSampleId :
PB148780BL



Tgt Ion: 276 Resp: 859
Ion Ratio Lower Upper
276 100
277 27.4 21.0 31.4
138 33.3 26.0 39.0

Manual Integrations
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Reviewed By : Christian Giraldo 11/04/2022
Supervised By : Sohil Jodhani 11/04/2022

