

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032735.D
 Acq On : 16 Jul 2024 11:36
 Operator : MA/JU
 Sample : P3137-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YDZE7MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 16 12:09:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	4036	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	12408	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.198	164	6717	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.961	188	13248	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.174	240	11873	0.400	ng/ul	#-0.02
23) Perylene-d12	23.368	264	14221	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	1246	0.257	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	6457	0.344	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	14497	0.375	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.135	88	11096	2.010	ng/ul	93
5) Naphthalene	10.376	128	12338	0.370	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	7923	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.219	142	7255	0.337	ng/ul	99
10) Acenaphthylene	13.920	152	11357	0.419	ng/ul	98
11) Acenaphthene	14.258	153	8989	0.401	ng/ul	99
12) Fluorene	15.262	166	9534	0.372	ng/ul	99
14) Pentachlorophenol	16.628	266	3603	1.550	ng/ul	98
15) Phenanthrene	16.999	178	14463	0.401	ng/ul	97
16) Anthracene	17.096	178	14174	0.481	ng/ul	97
19) Fluoranthene	19.027	202	18431	0.382	ng/ul	98
20) Pyrene	19.394	202	19995	0.400	ng/ul	99
21) Benzo(a)anthracene	21.156	228	17317	0.458	ng/ul	96
22) Chrysene	21.209	228	19691	0.360	ng/ul	95
24) Benzo(b)fluoranthene	22.711	252	19102	0.381	ng/ul	93
25) Benzo(k)fluoranthene	22.754	252	20626m	0.337	ng/ul	
26) Benzo(a)pyrene	23.275	252	17949	0.413	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.579	276	24217	0.412	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.583	278	18831	0.413	ng/ul	96
29) Benzo(g,h,i)perylene	26.260	276	19232	0.391	ng/ul	98

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

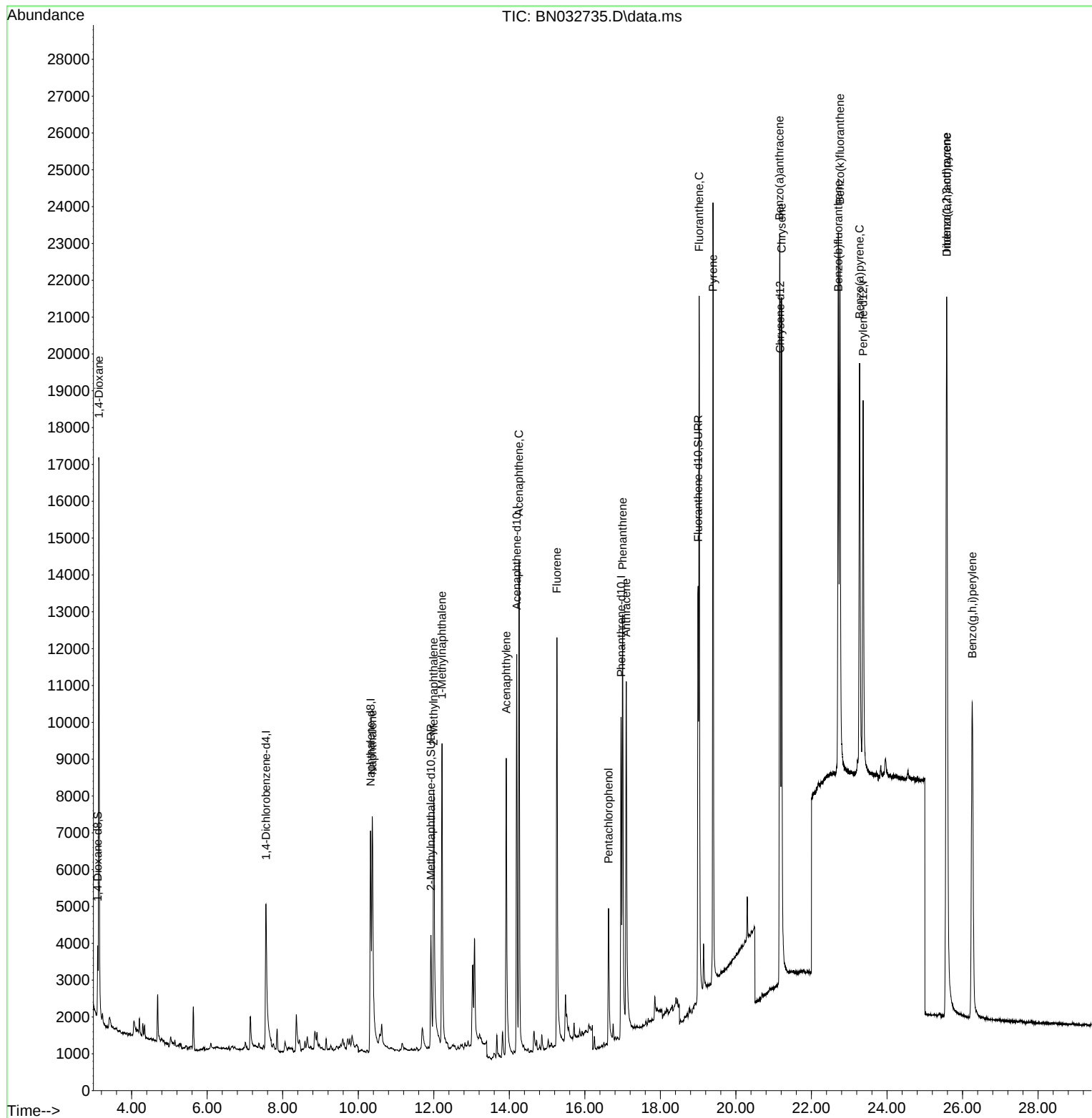
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032735.D
Acq On : 16 Jul 2024 11:36
Operator : MA/JU
Sample : P3137-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

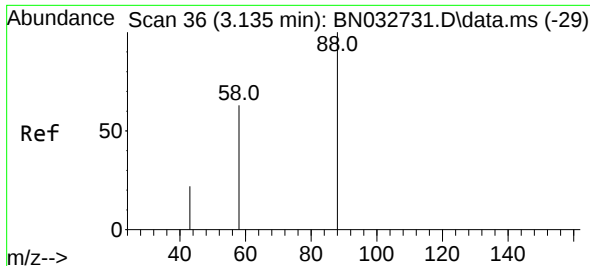
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD

Quant Time: Jul 16 12:09:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Manual Integrations
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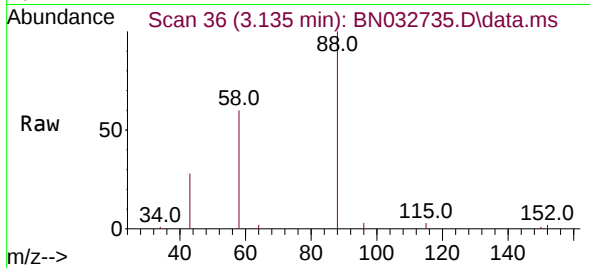
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024





#2
1,4-Dioxane
Concen: 2.010 ng/ul
RT: 3.135 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

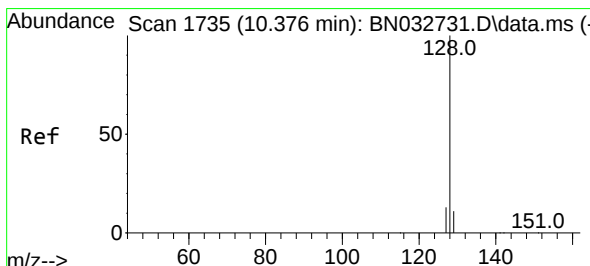
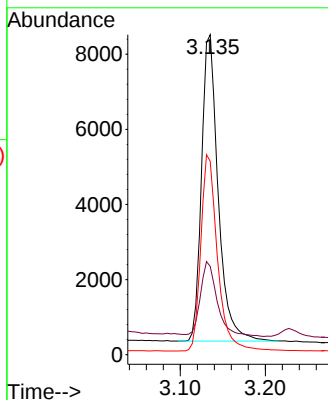
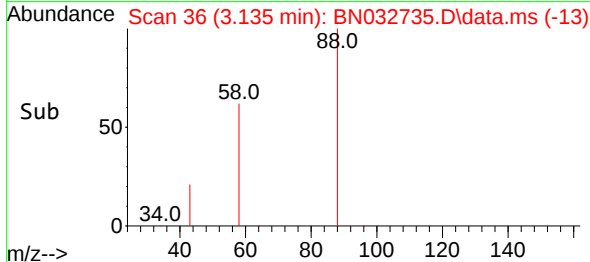
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



Tgt Ion: 88 Resp: 11090
Ion Ratio Lower Upper
88 100
43 27.6 24.0 36.0
58 60.5 43.3 64.9

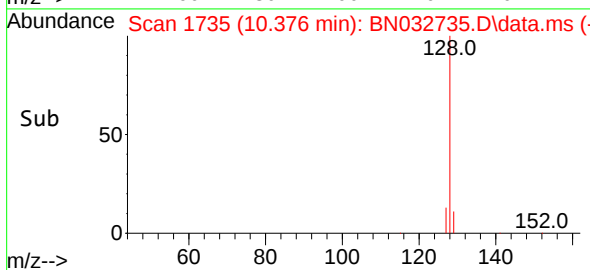
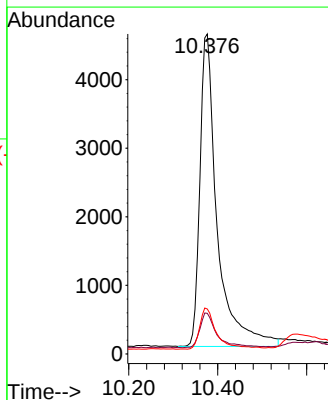
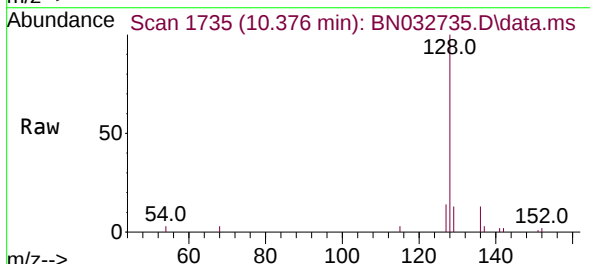
Manual Integrations
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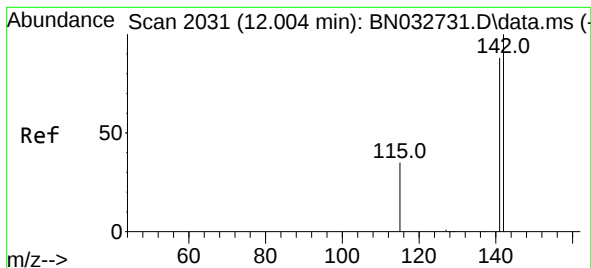
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

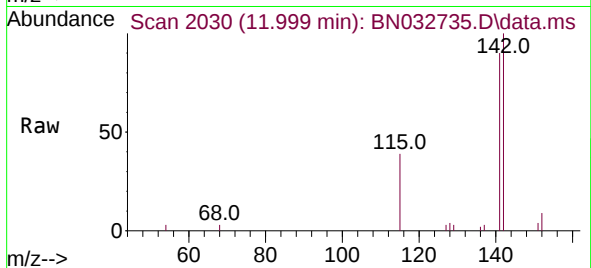
Tgt Ion:128 Resp: 12338
Ion Ratio Lower Upper
128 100
129 12.7 10.0 15.0
127 14.1 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.049 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

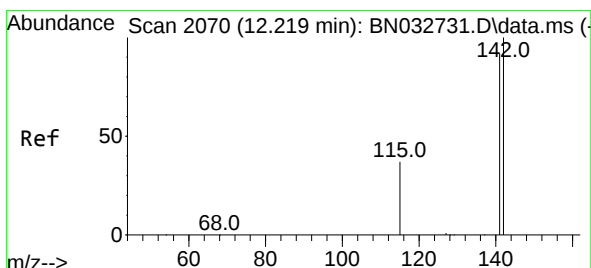
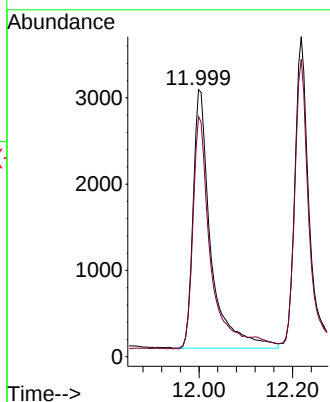
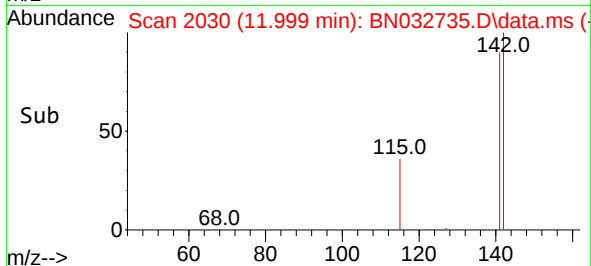
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



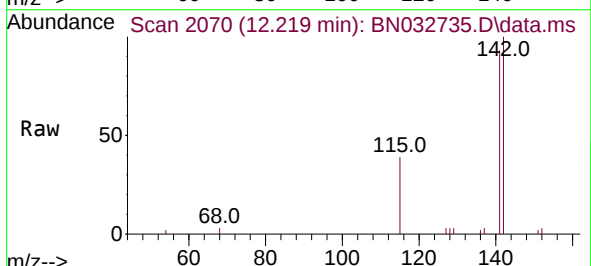
Tgt Ion:142 Resp: 792
Ion Ratio Lower Upper
142 100
141 91.7 74.0 111.0

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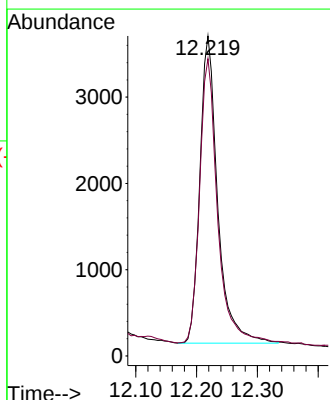
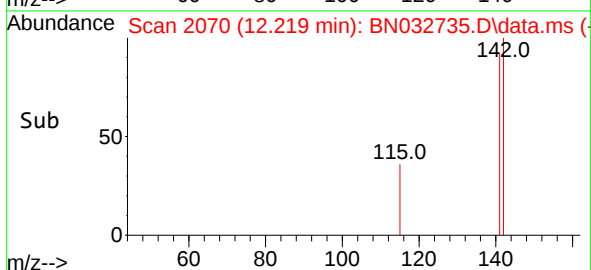
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

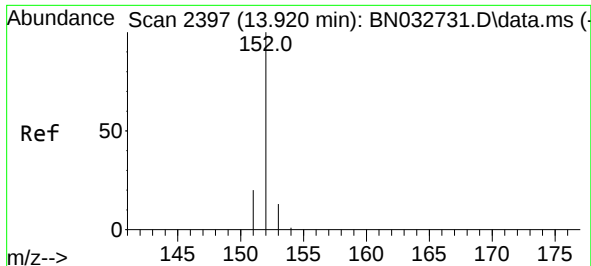


#8
1-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.219 min Scan# 2070
Delta R.T. -0.027 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36



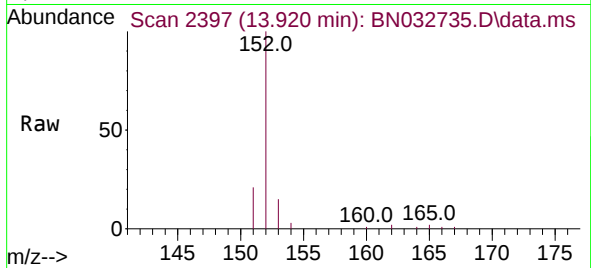
Tgt Ion:142 Resp: 7255
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4





#10
Acenaphthylene
Concen: 0.419 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

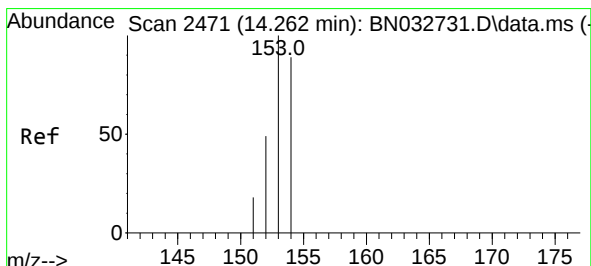
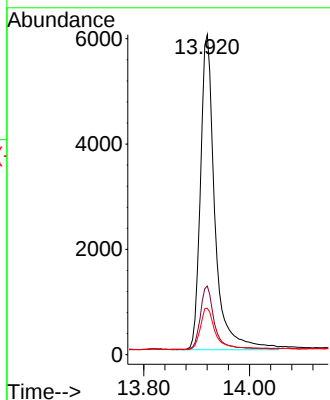
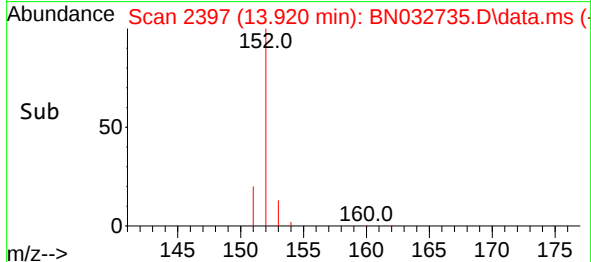
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



Tgt Ion:152 Resp: 1135
Ion Ratio Lower Upper
152 100
151 21.5 16.3 24.5
153 14.5 11.3 16.9

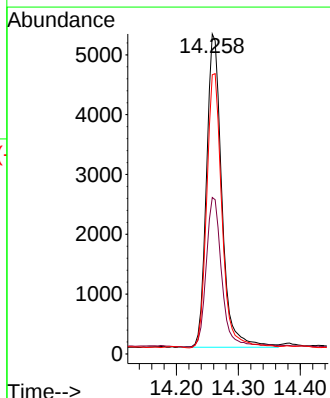
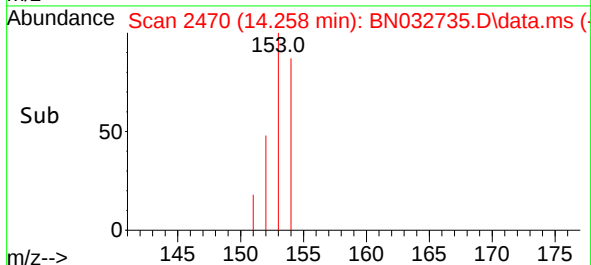
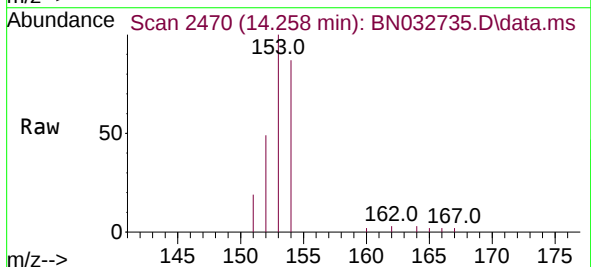
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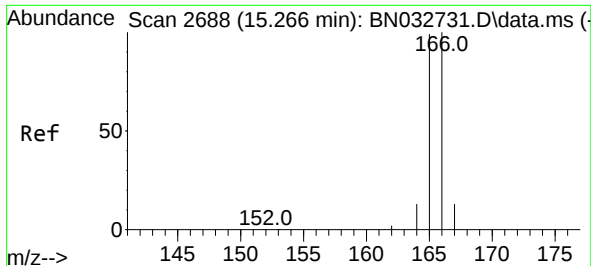
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.023 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

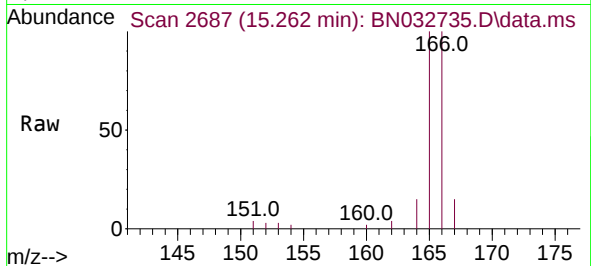
Tgt Ion:153 Resp: 8989
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 87.2 70.2 105.4





#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.262 min Scan# 2093
 Delta R.T. -0.028 min
 Lab File: BN032735.D
 Acq: 16 Jul 2024 11:36

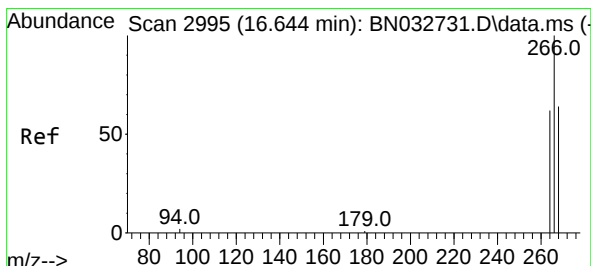
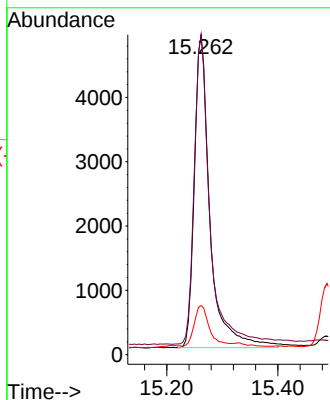
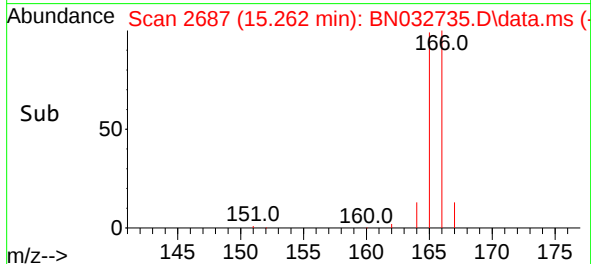
Instrument :
 BNA_N
 ClientSampleId :
 YDZE7MSD



Tgt Ion:166 Resp: 9534
 Ion Ratio Lower Upper
 166 100
 165 100.3 79.7 119.5
 167 15.4 11.4 17.2

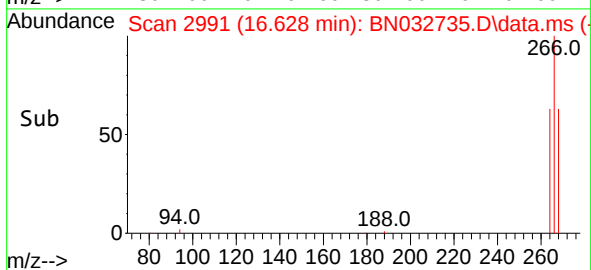
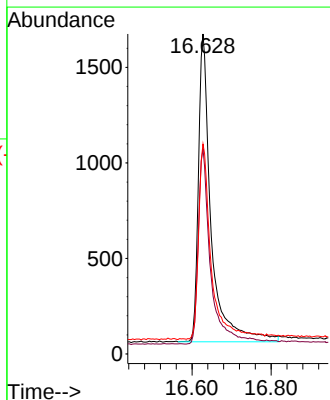
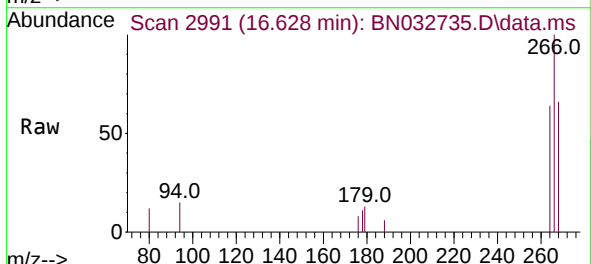
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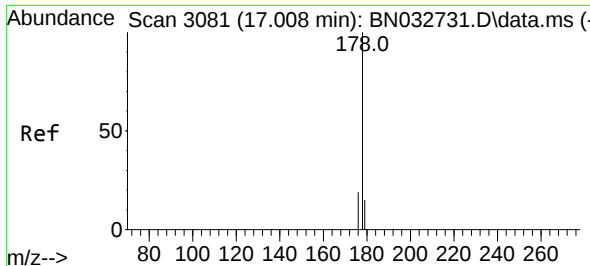
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#14
 Pentachlorophenol
 Concen: 1.550 ng/ul
 RT: 16.628 min Scan# 2991
 Delta R.T. -0.042 min
 Lab File: BN032735.D
 Acq: 16 Jul 2024 11:36

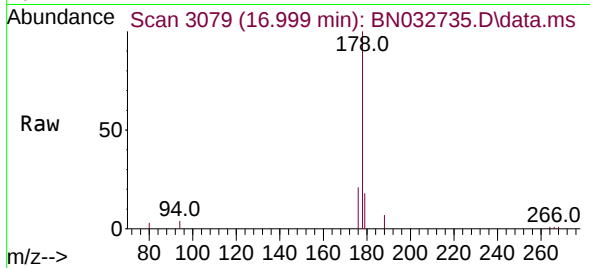
Tgt Ion:266 Resp: 3603
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.4 74.2
 268 63.5 51.6 77.4





#15
Phenanthrene
Concen: 0.401 ng/u1
RT: 16.999 min Scan# 3081
Delta R.T. -0.029 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

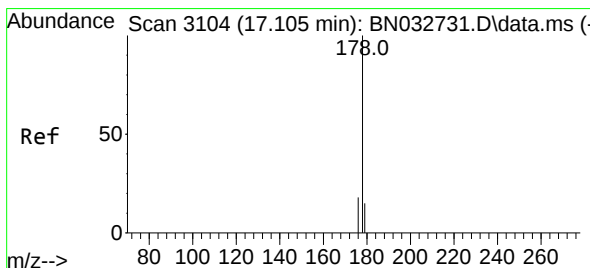
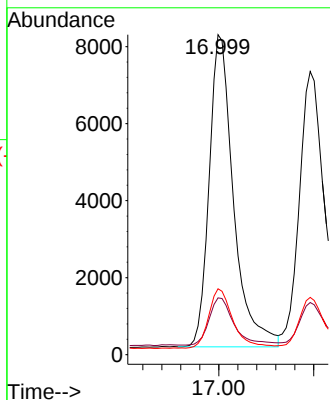
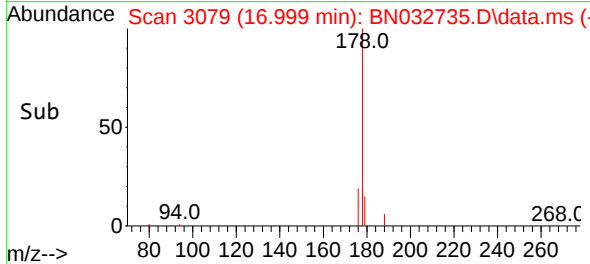
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



Tgt Ion:178 Resp: 1446
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.4
176 20.6 15.6 23.4

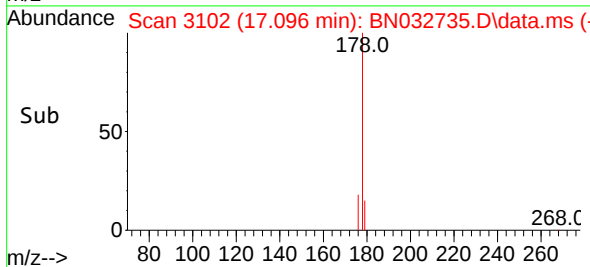
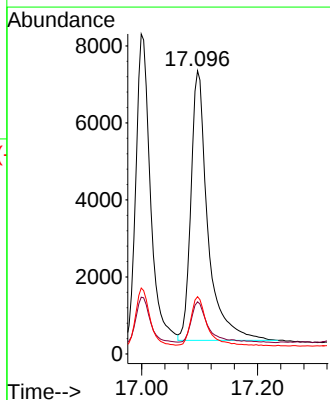
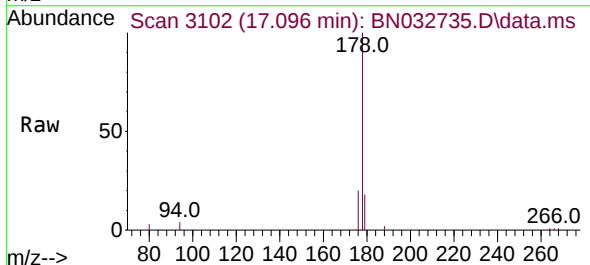
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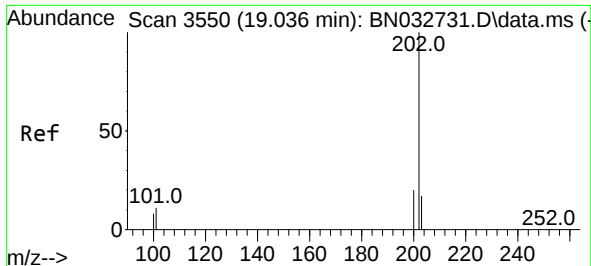
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.481 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

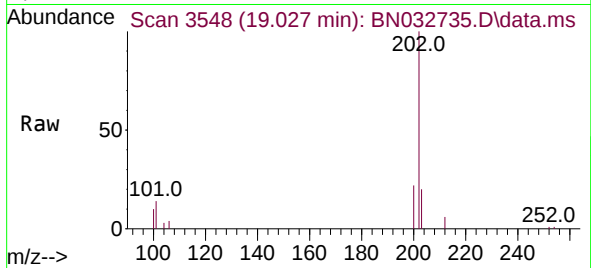
Tgt Ion:178 Resp: 14174
Ion Ratio Lower Upper
178 100
179 18.4 13.4 20.2
176 20.2 15.4 23.0





#19
Fluoranthene
Concen: 0.382 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

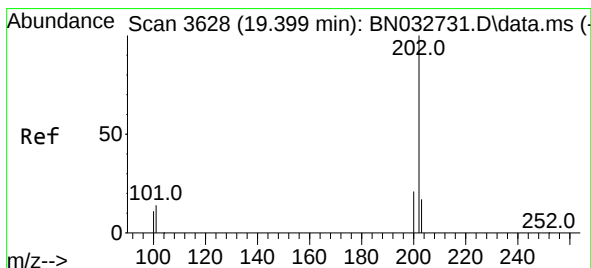
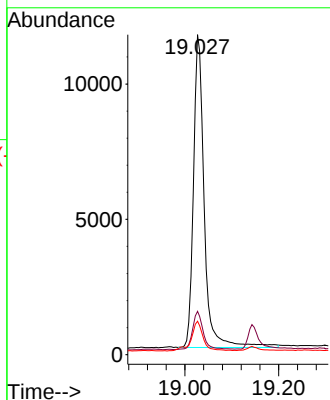
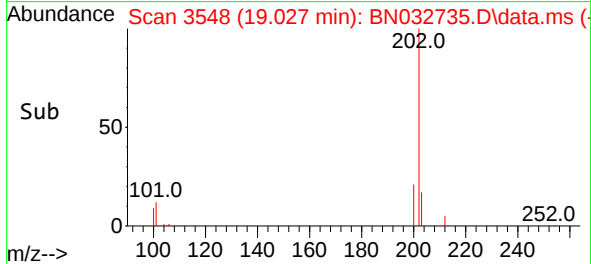
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



Tgt Ion:202 Resp: 1843
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.8
100 10.5 7.9 11.9

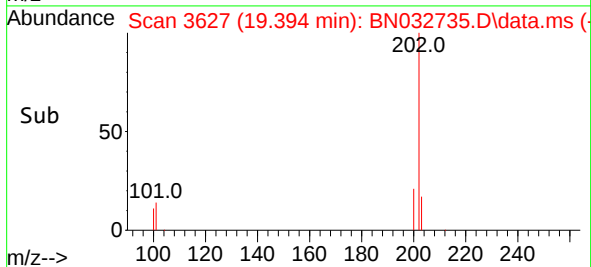
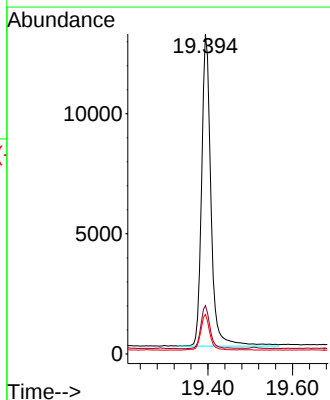
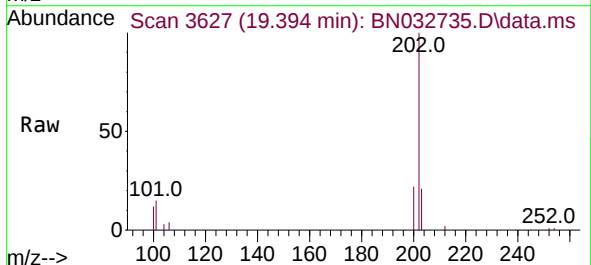
Manual Integrations
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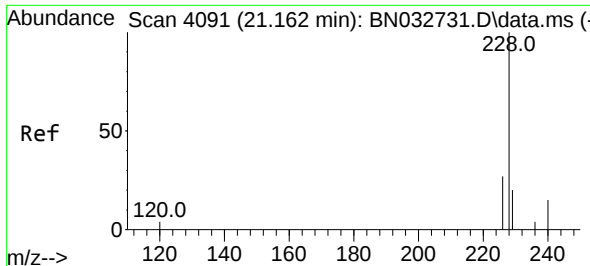
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.400 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

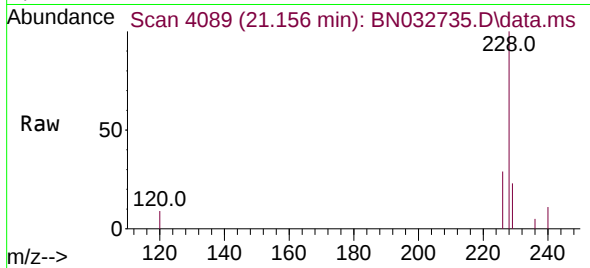
Tgt Ion:202 Resp: 19995
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 12.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.156 min Scan# 4091
Delta R.T. -0.026 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

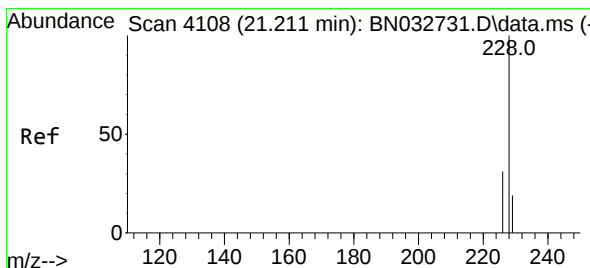
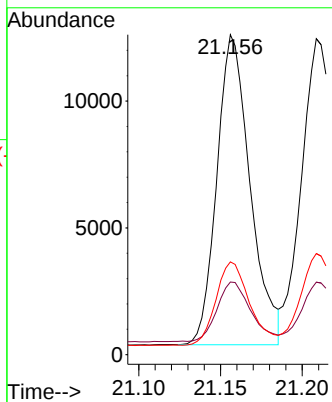
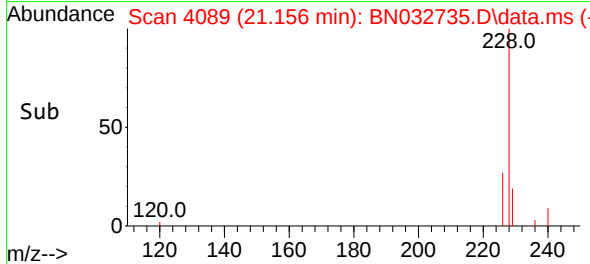
Instrument :
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ClientSampleId :
YDZE7MSD



Tgt Ion:228 Resp: 17317
Ion Ratio Lower Upper
228 100
229 22.7 16.1 24.1
226 29.0 21.9 32.9

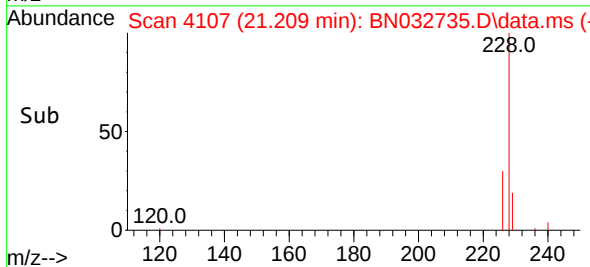
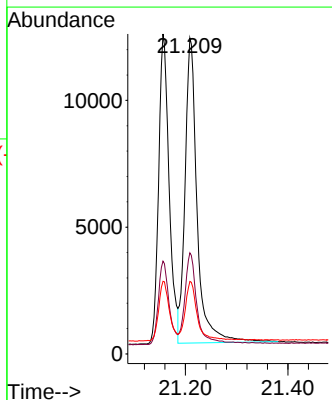
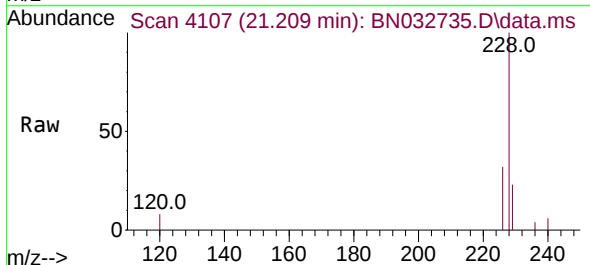
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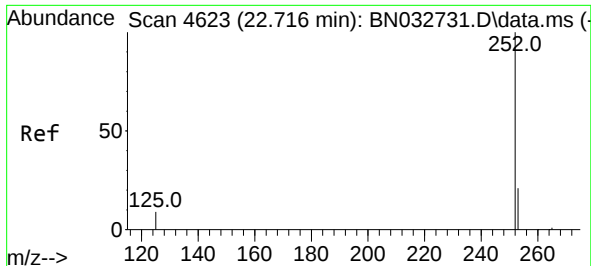
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.209 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

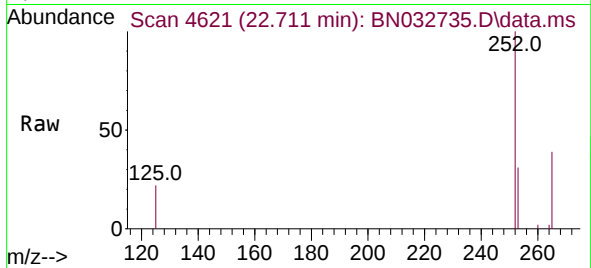
Tgt Ion:228 Resp: 19691
Ion Ratio Lower Upper
228 100
226 32.0 24.0 36.0
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 22.711 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

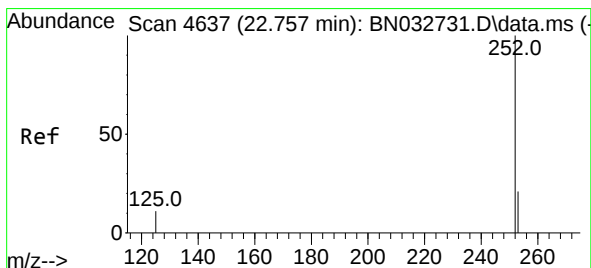
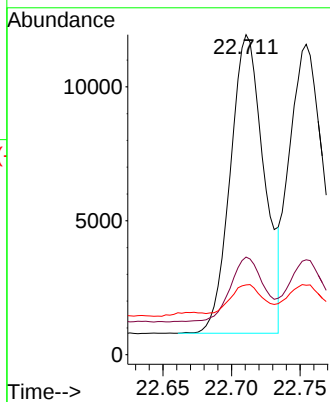
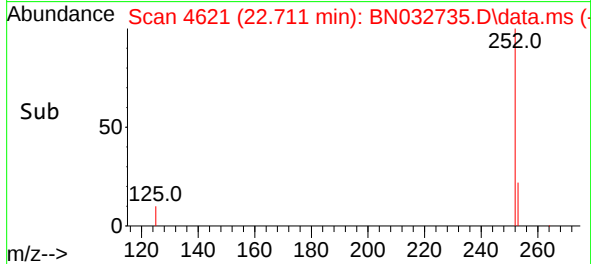
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



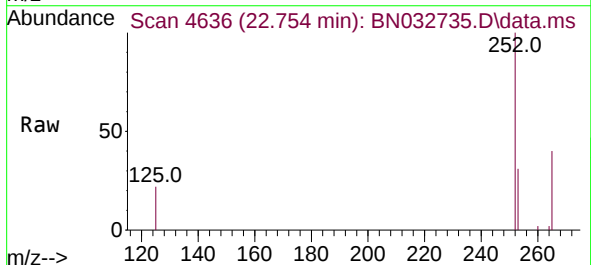
Tgt Ion:252 Resp: 1910
Ion Ratio Lower Upper
252 100
253 30.5 0.0 54.0
125 21.8 0.0 36.0

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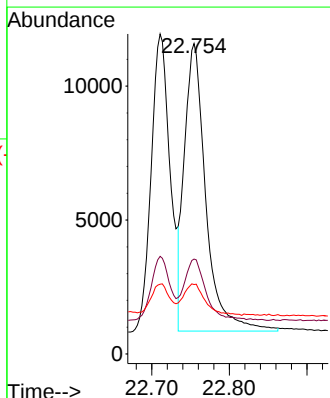
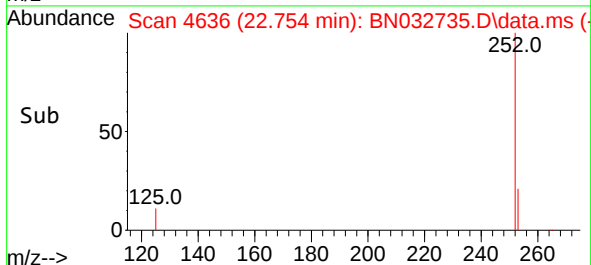
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

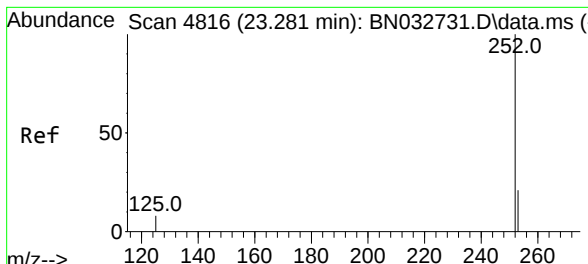


#25
Benzo(k)fluoranthene
Concen: 0.337 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.023 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36



Tgt Ion:252 Resp: 20626
Ion Ratio Lower Upper
252 100
253 30.6 21.2 31.8
125 22.4 14.8 22.2#





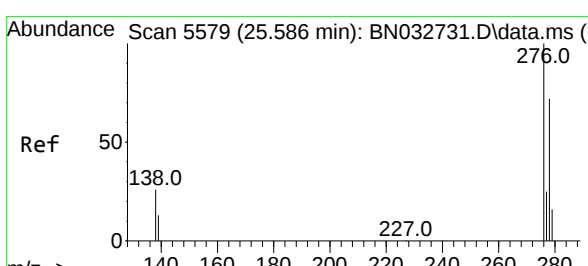
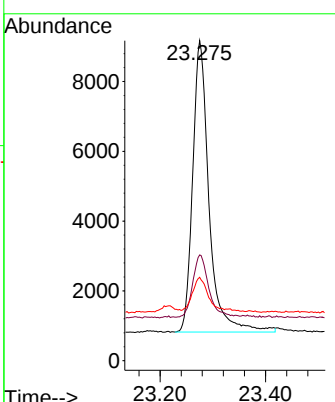
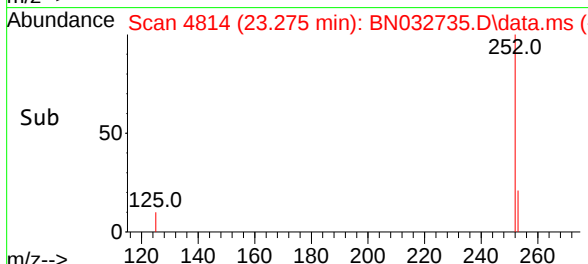
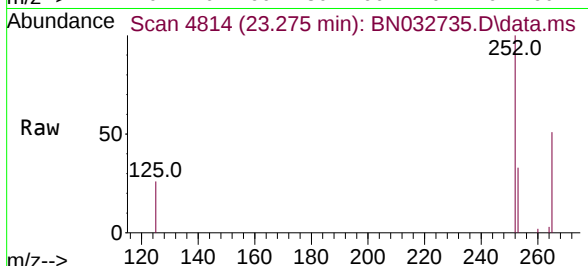
#26
 Benzo(a)pyrene
 Concen: 0.413 ng/ul
 RT: 23.275 min Scan# 4816
 Delta R.T. -0.035 min
 Lab File: BN032735.D
 Acq: 16 Jul 2024 11:36

Instrument : BNA_N
 ClientSampleId : YDZE7MSD

Tgt Ion:	252	Resp:	17949
Ion Ratio	Lower	Upper	
252	100		
253	33.0	25.4	38.0
125	26.0	20.6	30.8

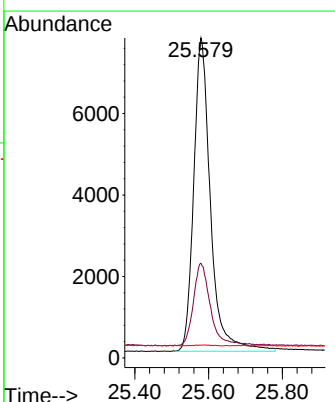
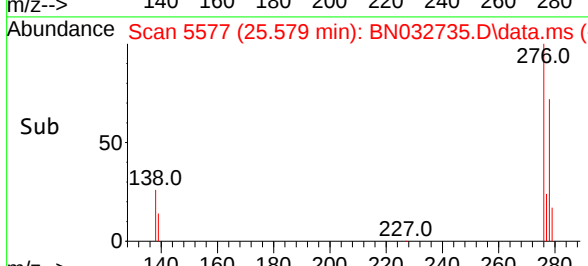
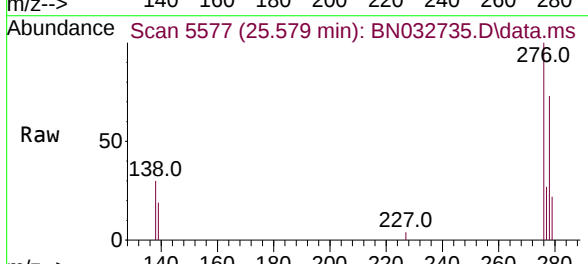
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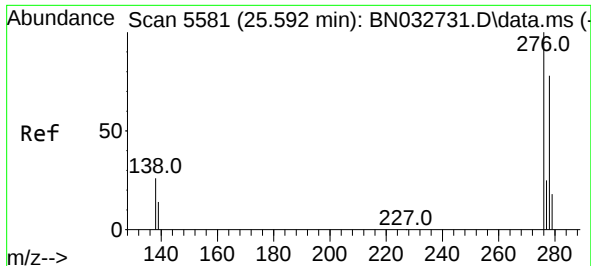
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.412 ng/ul
 RT: 25.579 min Scan# 5577
 Delta R.T. -0.047 min
 Lab File: BN032735.D
 Acq: 16 Jul 2024 11:36

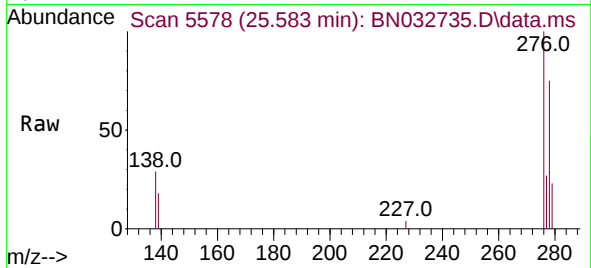
Tgt Ion:	276	Resp:	24217
Ion Ratio	Lower	Upper	
276	100		
138	26.7	21.6	32.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 25.583 min Scan# 5578
Delta R.T. -0.057 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36

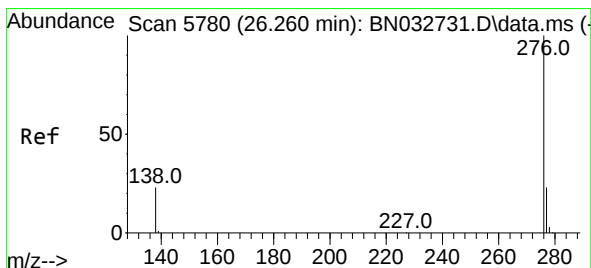
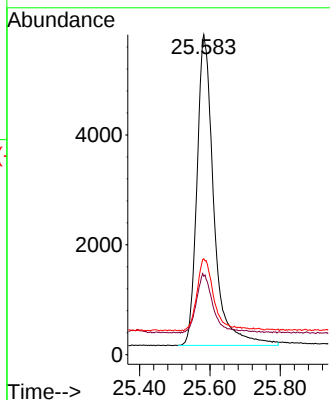
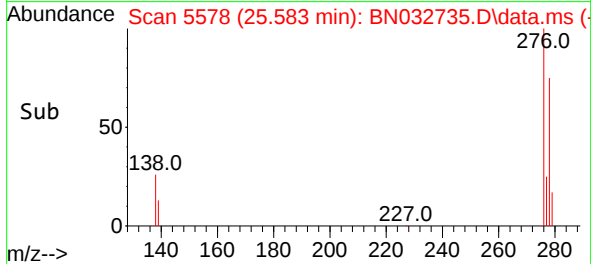
Instrument :
BNA_N
ClientSampleId :
YDZE7MSD



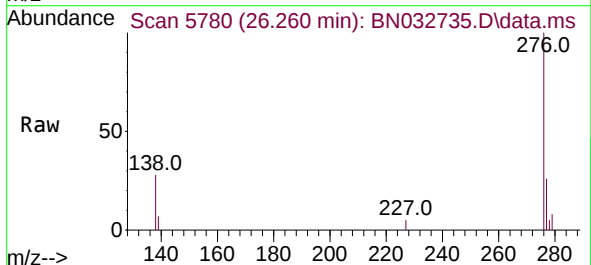
Tgt Ion:278 Resp: 1883
Ion Ratio Lower Upper
278 100
139 24.5 16.6 24.8
279 30.0 23.7 35.5

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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032735.D
Acq: 16 Jul 2024 11:36



Tgt Ion:276 Resp: 19232
Ion Ratio Lower Upper
276 100
138 27.6 21.0 31.4
277 26.3 20.6 31.0

