

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028652.D
 Acq On : 16 Nov 2023 06:18
 Operator : MA/JU
 Sample : 05337-20MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDK5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 16 14:00:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 07:25:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	5124m	0.400	ng/ul	0.09
4) Naphthalene-d8	10.486	136	20244m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.322	164	15375	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	27557	0.400	ng/ul	0.00
17) Chrysene-d12	21.290	240	27578	0.400	ng/ul	0.00
23) Perylene-d12	23.575	264	25439	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1870m	0.330	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.087	152	5891	0.193	ng/ul	0.02
18) Fluoranthene-d10	19.115	212	31980	0.360	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	10735m	1.715	ng/ul	
5) Naphthalene	10.530	128	13898	0.245	ng/ul#	95
7) 2-Methylnaphthalene	12.158	142	6284	0.168	ng/ul	98
8) 1-Methylnaphthalene	12.362	142	9901	0.261	ng/ul	99
10) Acenaphthylene	14.045	152	20773	0.271	ng/ul	97
11) Acenaphthene	14.387	153	16444	0.291	ng/ul	100
12) Fluorene	15.387	166	16510	0.251	ng/ul	99
14) Pentachlorophenol	16.733	266	6279	0.949	ng/ul	99
15) Phenanthrene	17.121	178	28865	0.341	ng/ul	98
16) Anthracene	17.222	178	19715	0.254	ng/ul	97
19) Fluoranthene	19.147	202	40935	0.349	ng/ul	100
20) Pyrene	19.510	202	45938	0.378	ng/ul	98
21) Benzo(a)anthracene	21.275	228	30856	0.283	ng/ul	98
22) Chrysene	21.325	228	35514	0.333	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	31309	0.328	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	37730	0.377	ng/ul	95
26) Benzo(a)pyrene	23.473	252	30200	0.335	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.924	276	33161	0.332	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.948	278	25821	0.323	ng/ul	96
29) Benzo(g,h,i)perylene	26.635	276	28771	0.351	ng/ul	97

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

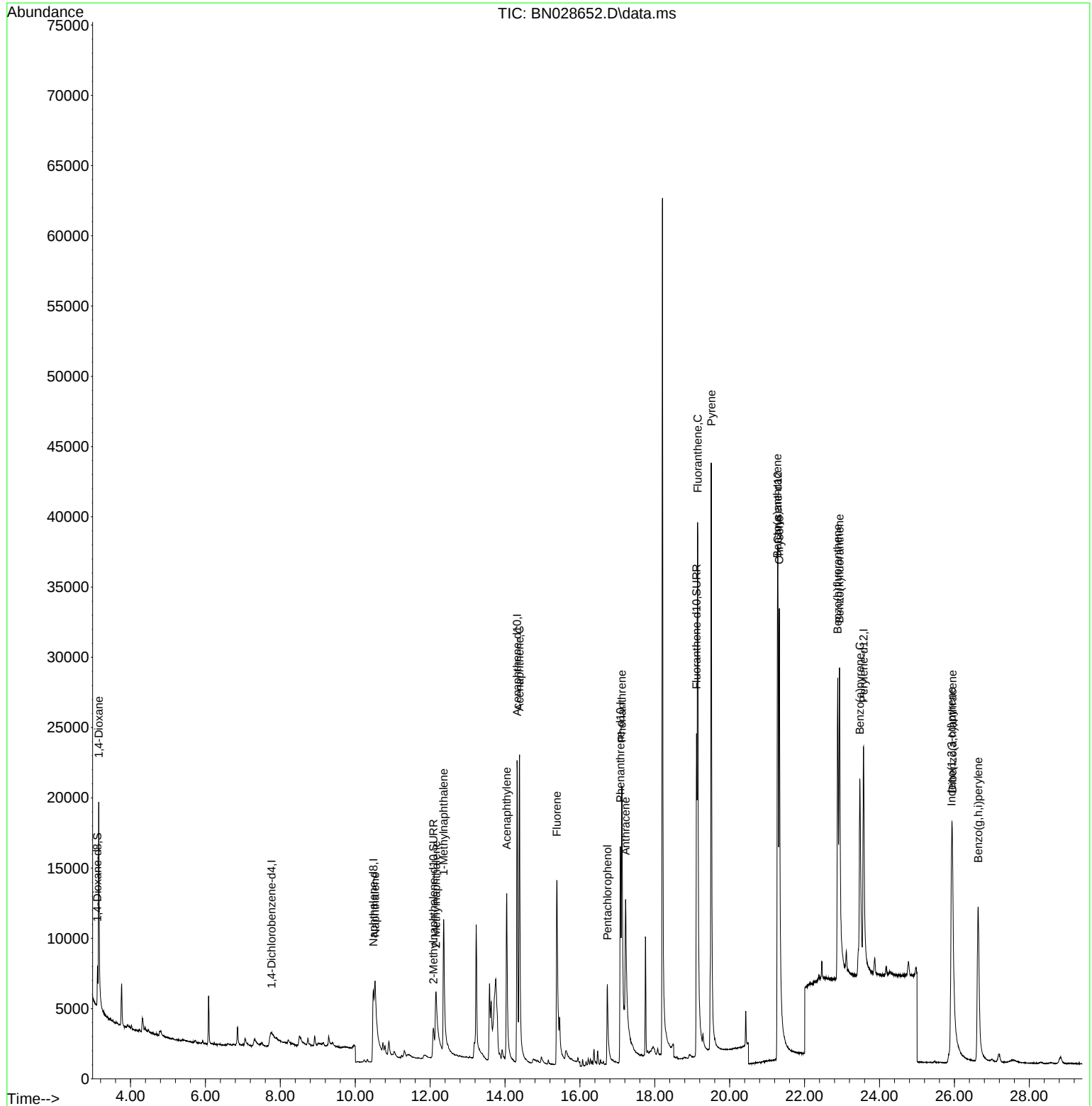
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028652.D
Acq On : 16 Nov 2023 06:18
Operator : MA/JU
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ALS Vial : 21 Sample Multiplier: 1

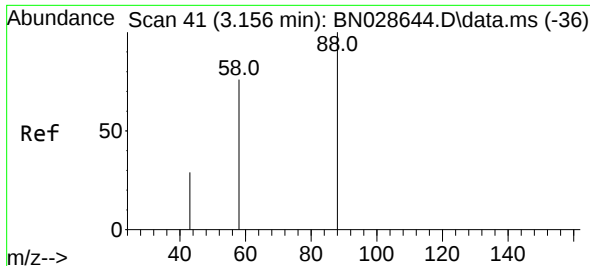
Instrument :
BNA_N
ClientSampleId :
GCDK5MS

Quant Time: Nov 16 14:00:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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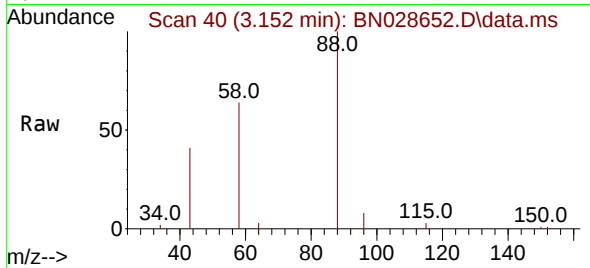
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 1.715 ng/ul m
RT: 3.152 min Scan# 40
Delta R.T. 0.004 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

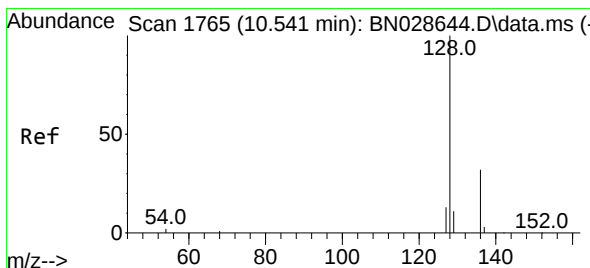
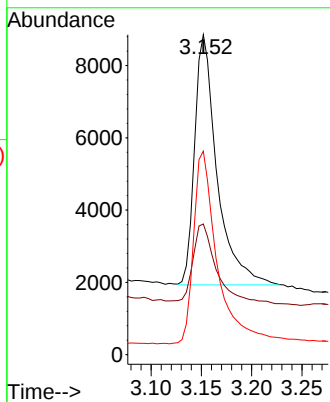
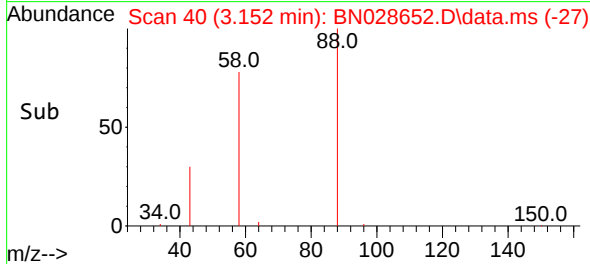
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



Tgt Ion: 88 Resp: 10735
Ion Ratio Lower Upper
88 100
43 40.9 32.9 49.3
58 63.6 41.8 62.8

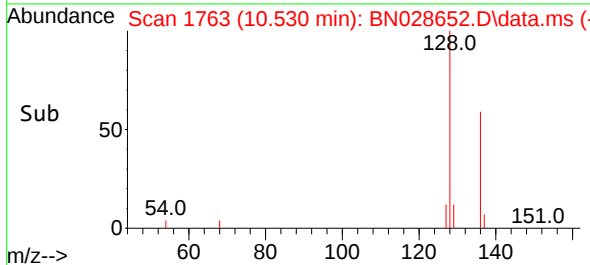
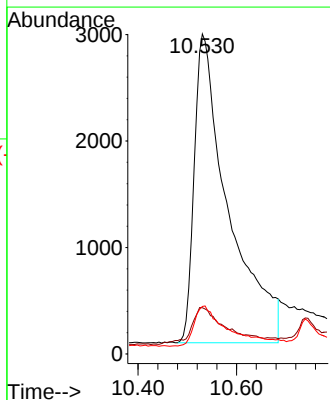
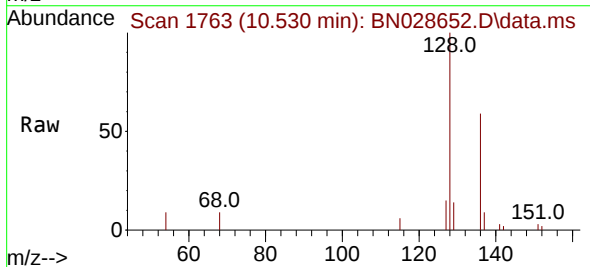
Manual Integrations
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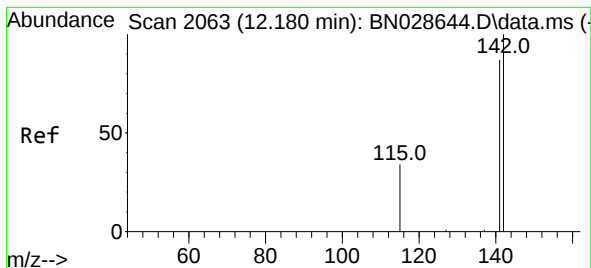
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.245 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. 0.022 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

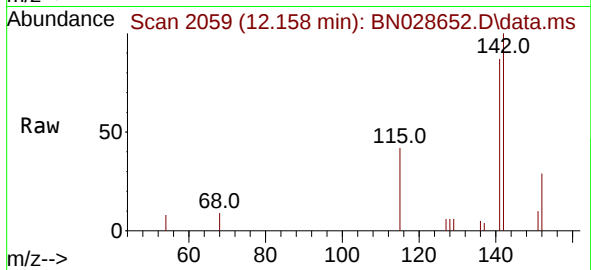
Tgt Ion:128 Resp: 13898
Ion Ratio Lower Upper
128 100
129 14.4 9.2 13.8#
127 14.8 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.158 min Scan# 2059
Delta R.T. 0.022 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

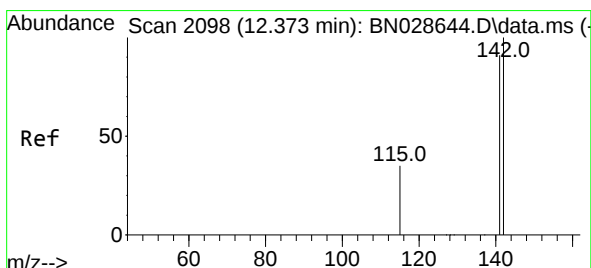
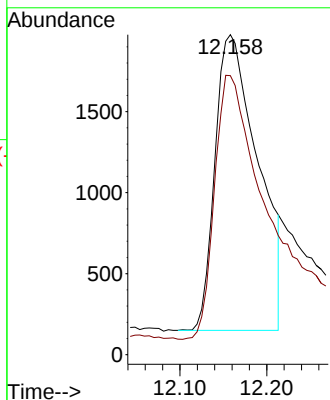
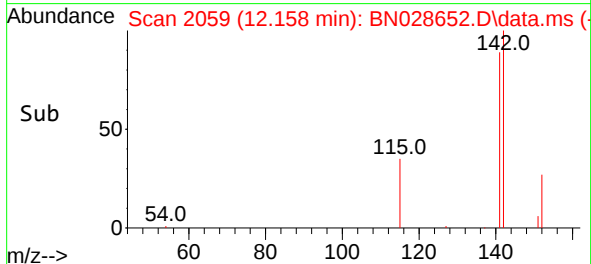
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



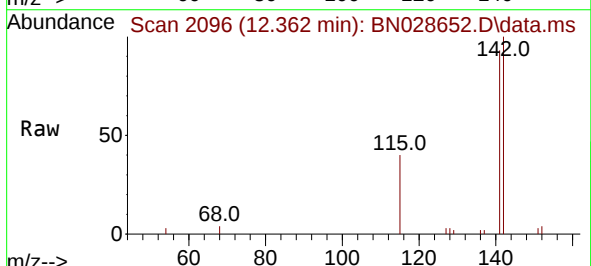
Tgt Ion:142 Resp: 6284
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2

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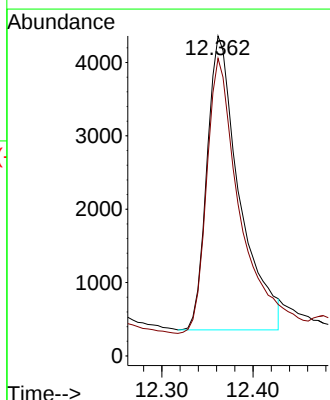
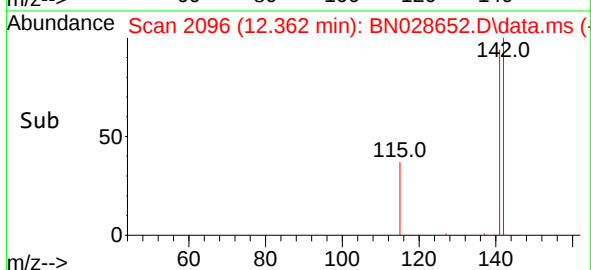
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

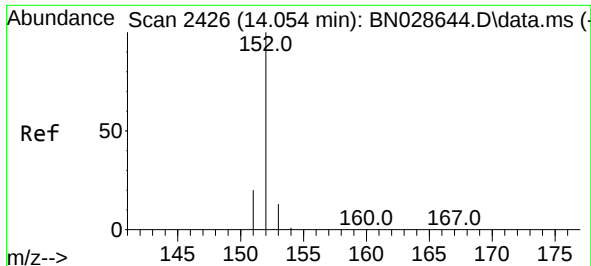


#8
1-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.362 min Scan# 2096
Delta R.T. 0.011 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18



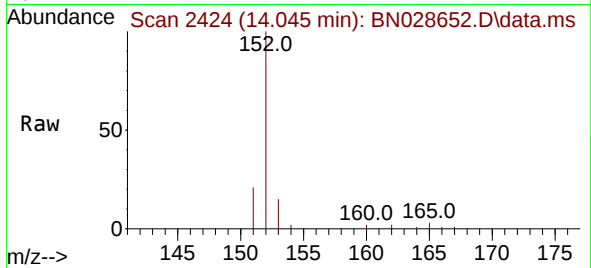
Tgt Ion:142 Resp: 9901
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.045 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

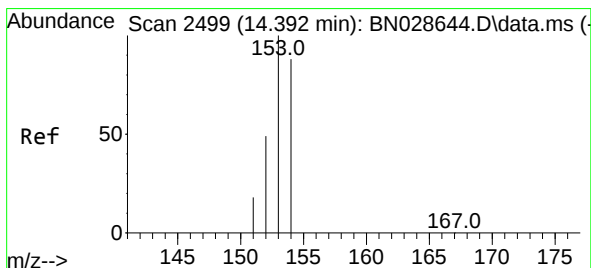
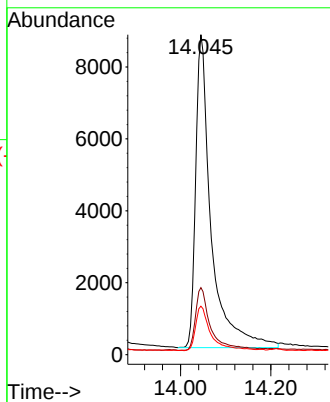
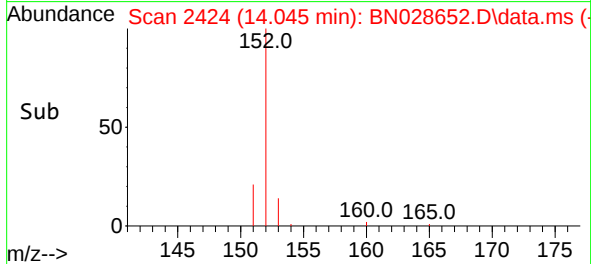
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



Tgt Ion:152 Resp: 2077
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 15.2 10.6 15.8

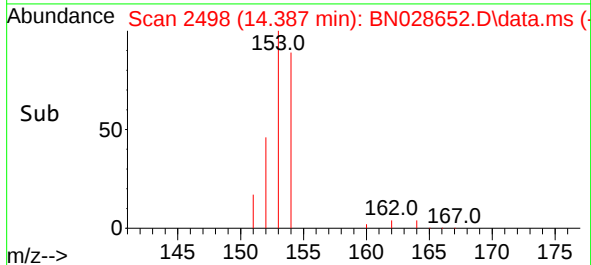
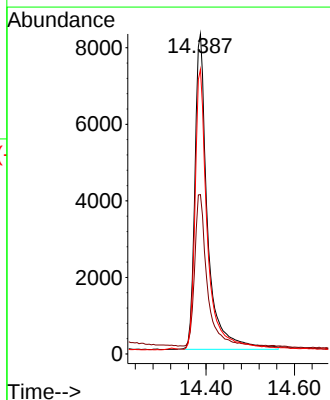
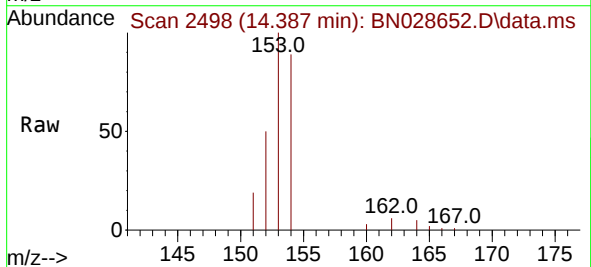
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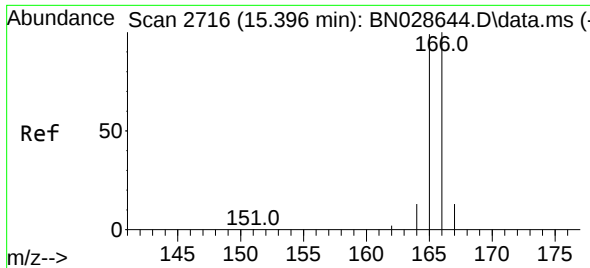
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.291 ng/ul
RT: 14.387 min Scan# 2498
Delta R.T. 0.004 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

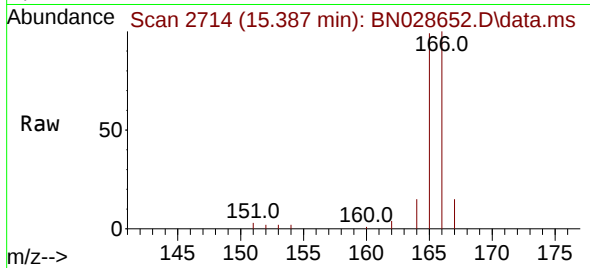
Tgt Ion:153 Resp: 16444
Ion Ratio Lower Upper
153 100
152 49.8 39.6 59.4
154 88.9 71.0 106.6





#12
Fluorene
Concen: 0.251 ng/ul
RT: 15.387 min Scan# 2716
Delta R.T. 0.009 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

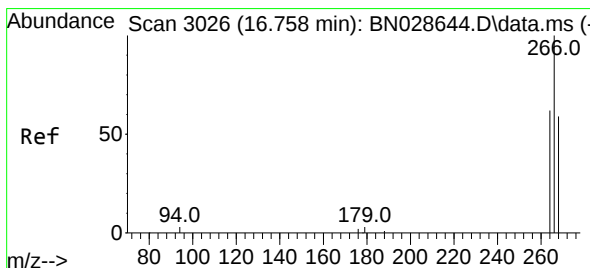
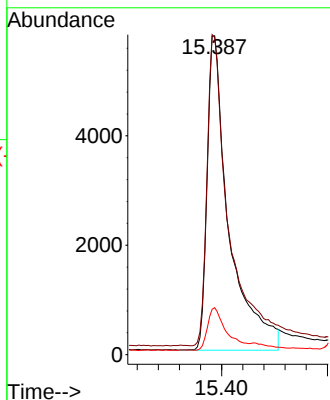
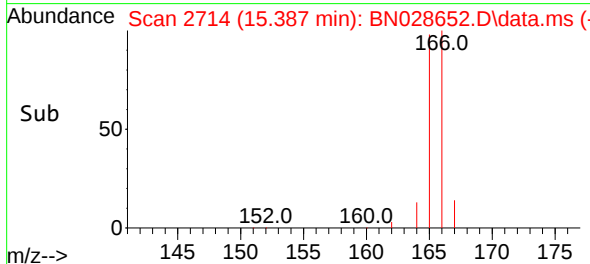
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



Tgt Ion:166 Resp: 16510
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 14.7 11.0 16.6

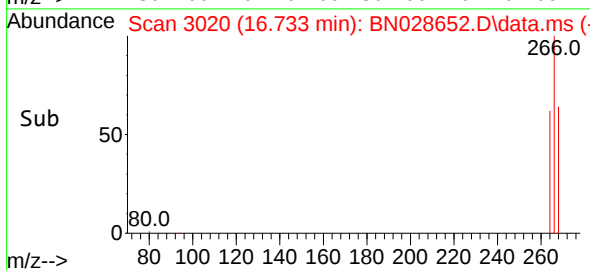
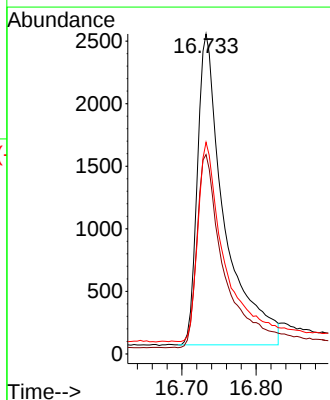
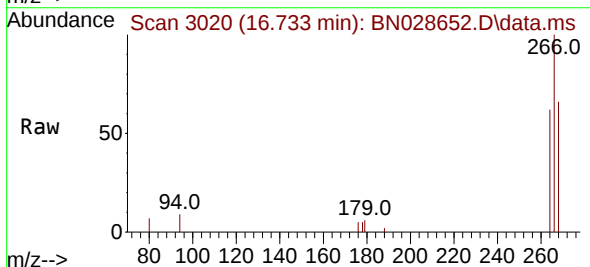
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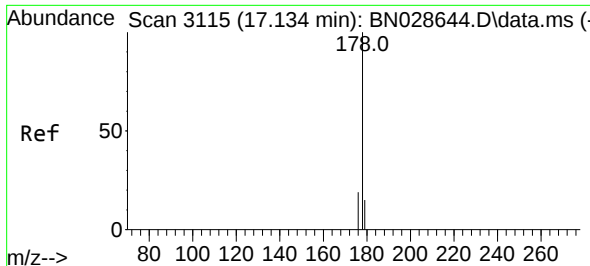
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.949 ng/ul
RT: 16.733 min Scan# 3020
Delta R.T. -0.009 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

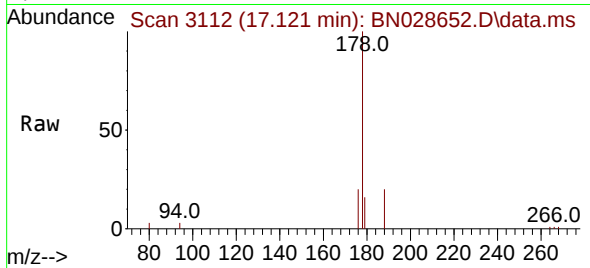
Tgt Ion:266 Resp: 6279
Ion Ratio Lower Upper
266 100
264 62.9 50.1 75.1
268 63.7 50.6 75.8





#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 17.121 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

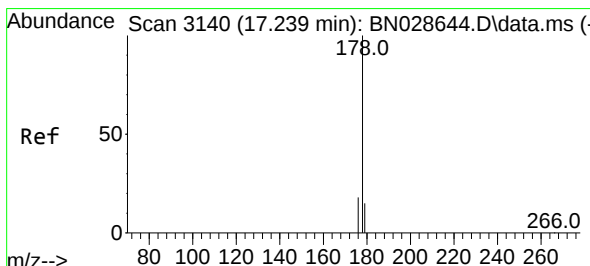
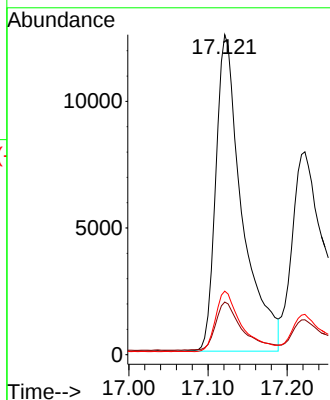
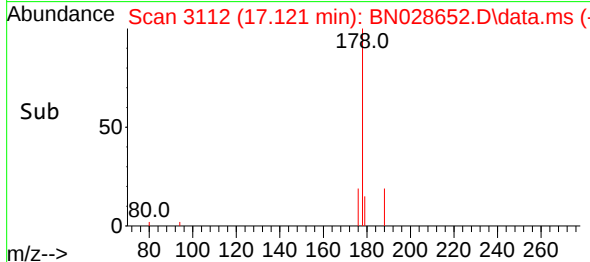
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GCDK5MS



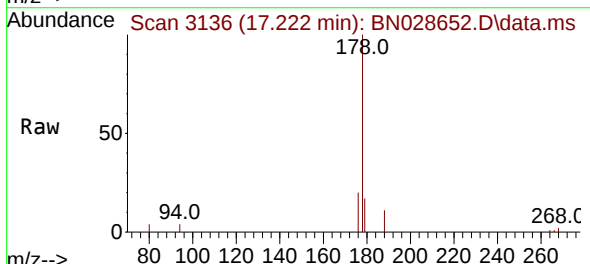
Tgt Ion:178 Resp: 2886
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 19.8 15.4 23.2

Manual Integrations
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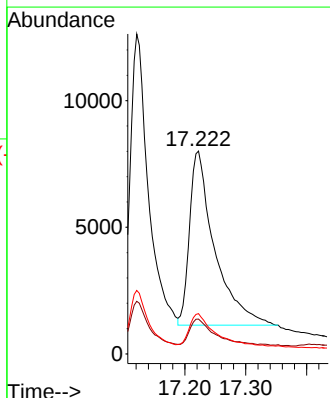
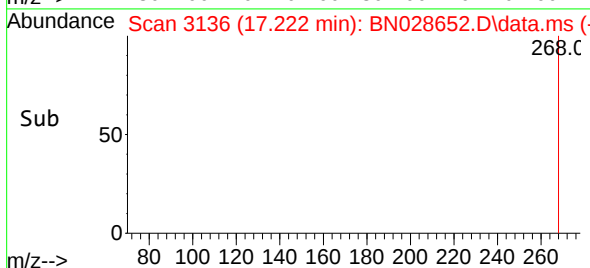
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

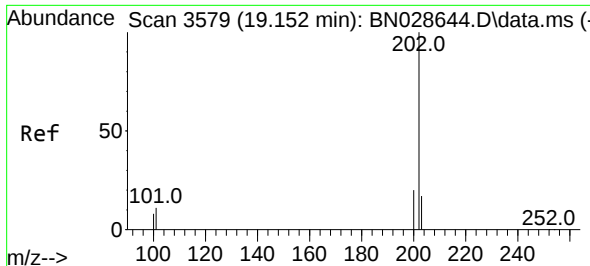


#16
Anthracene
Concen: 0.254 ng/ul
RT: 17.222 min Scan# 3136
Delta R.T. 0.008 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18



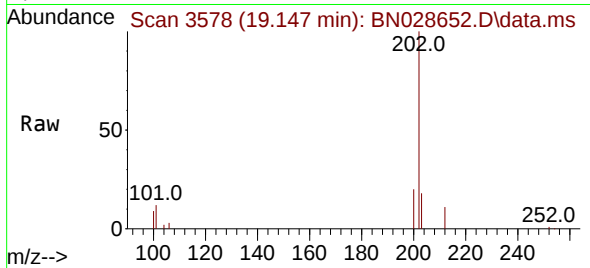
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Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 19.9 14.9 22.3





#19
Fluoranthene
Concen: 0.349 ng/u1
RT: 19.147 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

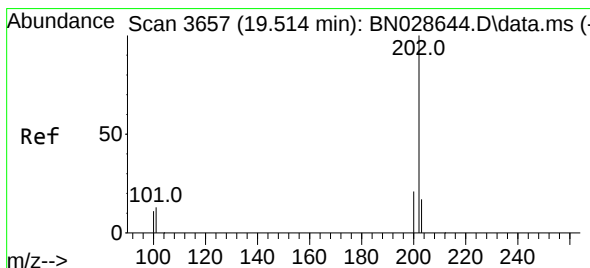
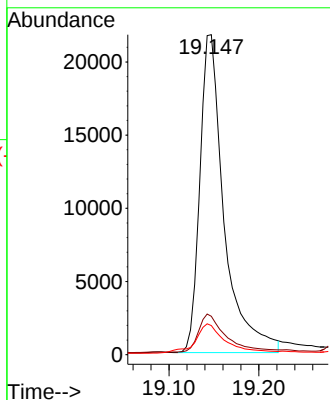
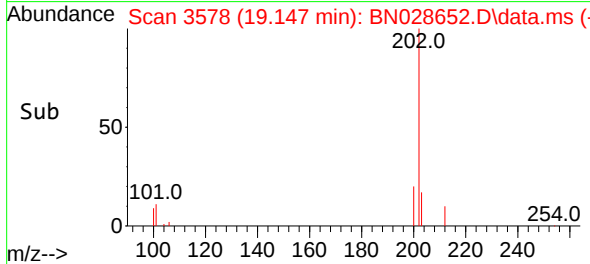
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



Tgt Ion:202 Resp: 40938
Ion Ratio Lower Upper
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101 12.0 9.5 14.3
100 9.1 7.2 10.8

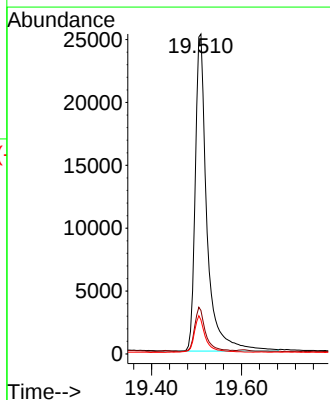
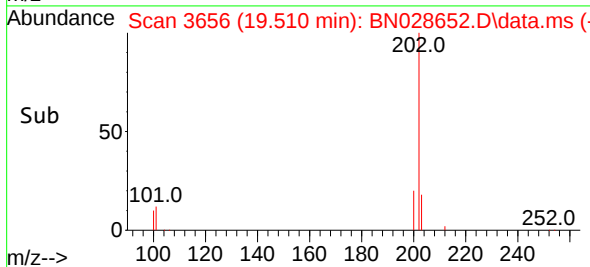
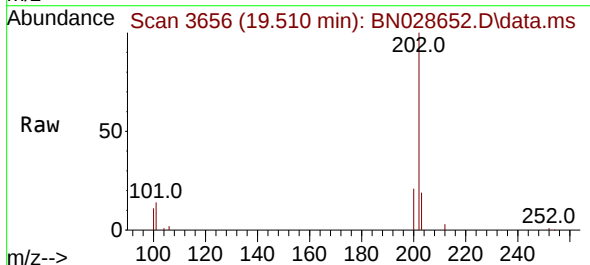
Manual Integrations
APPROVED

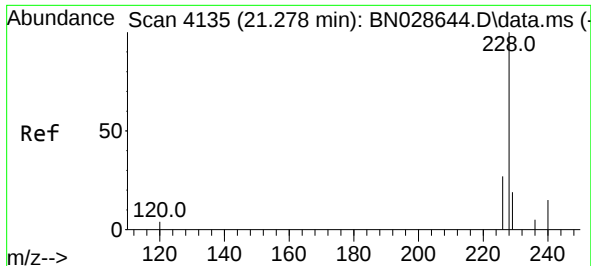
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.378 ng/u1
RT: 19.510 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

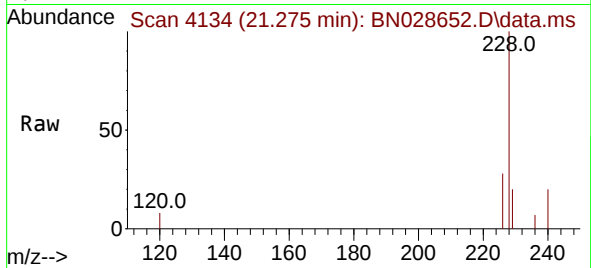
Tgt Ion:202 Resp: 45938
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 10.7 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.275 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

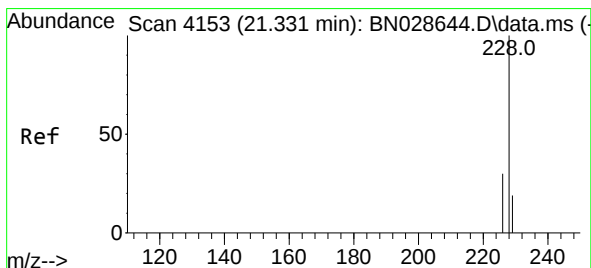
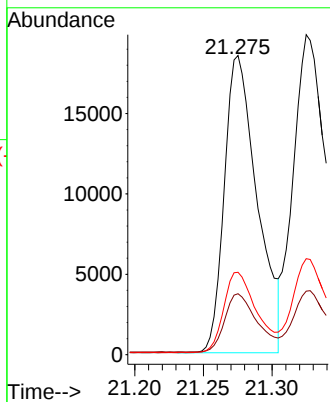
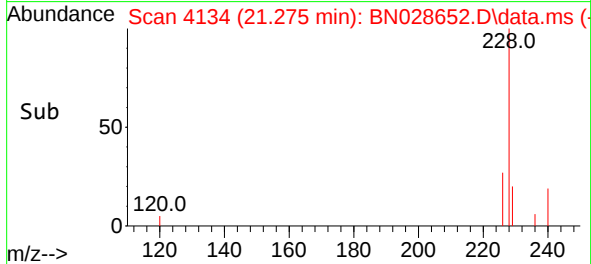
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



Tgt Ion:228 Resp: 30850
Ion Ratio Lower Upper
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229 20.4 15.7 23.5
226 27.6 21.4 32.0

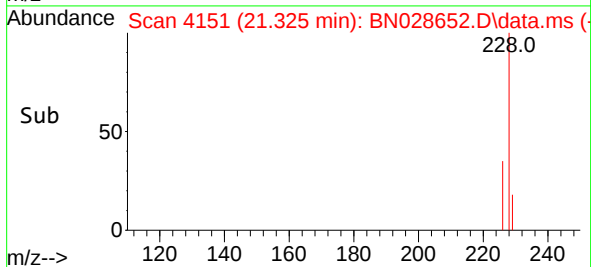
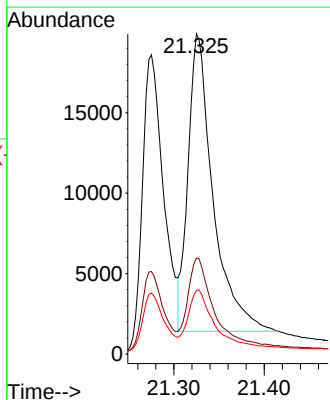
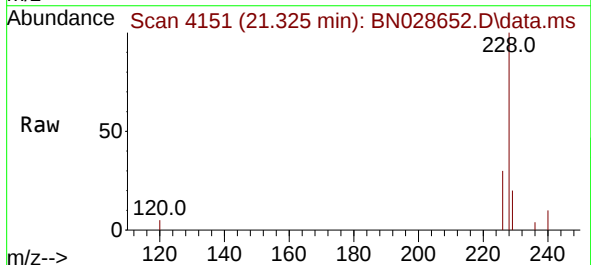
Manual Integrations
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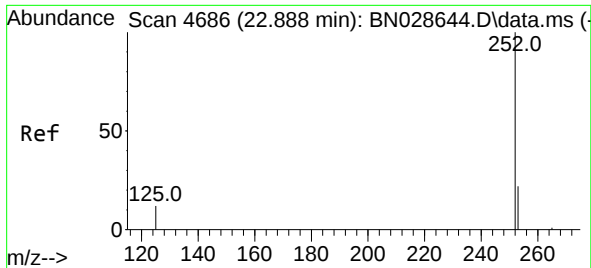
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.333 ng/ul
RT: 21.325 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

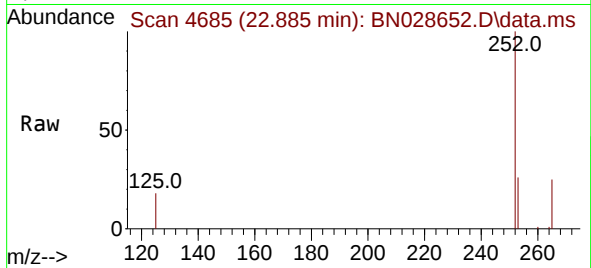
Tgt Ion:228 Resp: 35514
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.8 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 22.885 min Scan# 4685
Delta R.T. -0.009 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

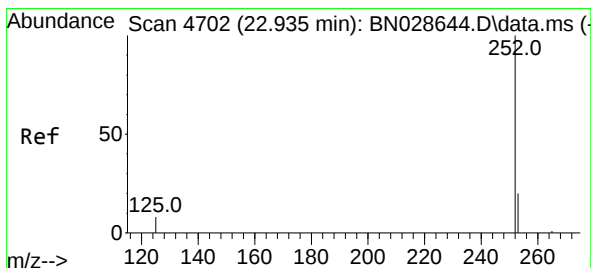
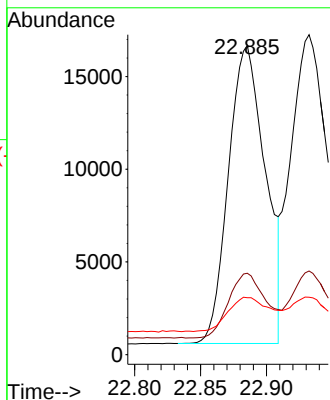
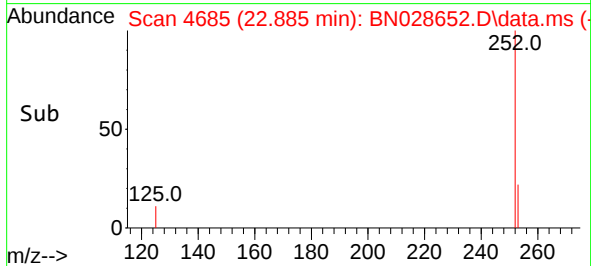
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



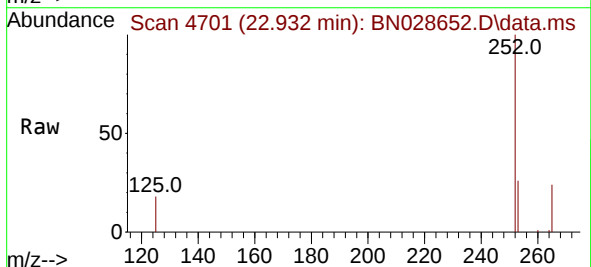
Tgt Ion:252 Resp: 31309
Ion Ratio Lower Upper
252 100
253 26.3 0.0 46.6
125 18.4 0.0 27.6

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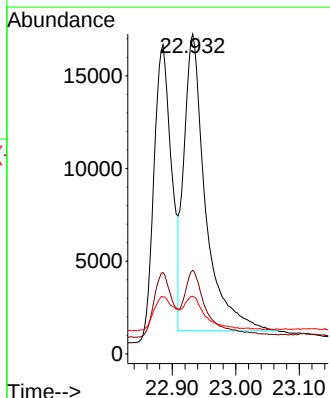
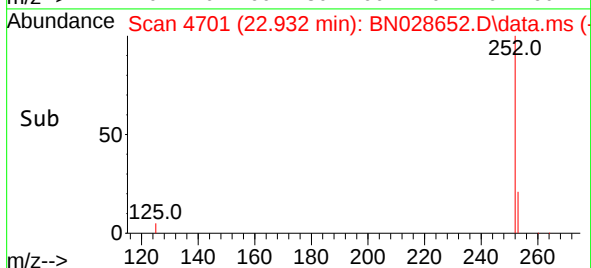
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

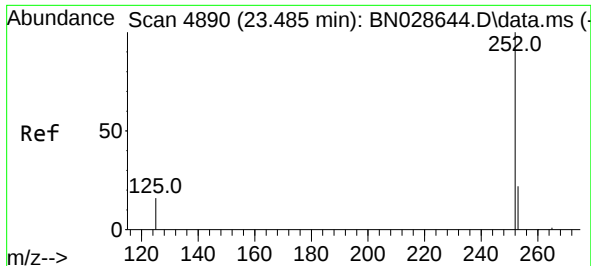


#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 22.932 min Scan# 4701
Delta R.T. -0.009 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18



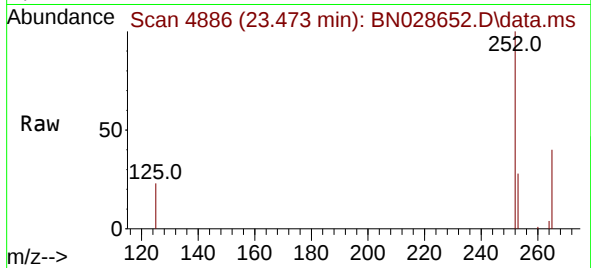
Tgt Ion:252 Resp: 37730
Ion Ratio Lower Upper
252 100
253 26.2 18.6 28.0
125 17.9 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.335 ng/ul
RT: 23.473 min Scan# 4886
Delta R.T. -0.015 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

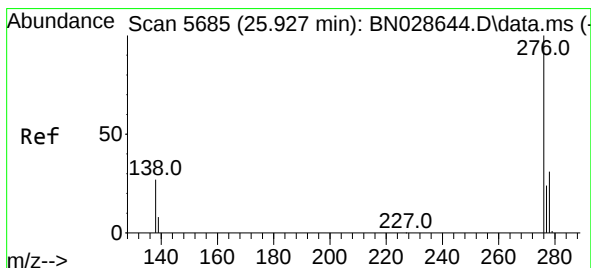
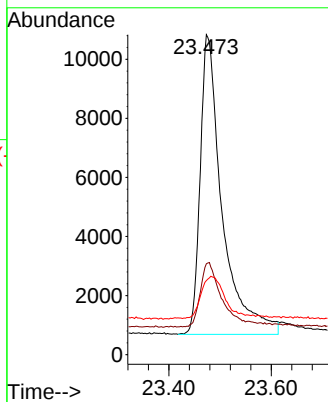
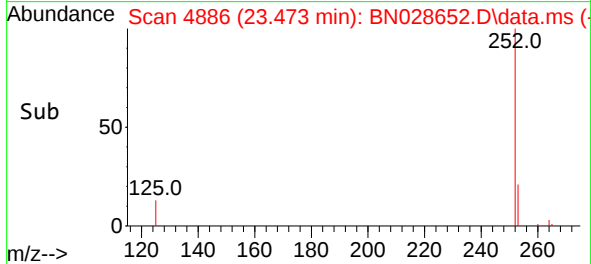
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



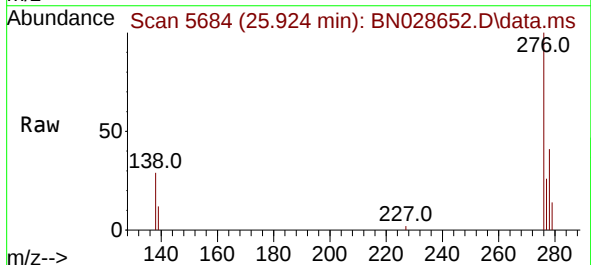
Tgt Ion:252 Resp: 30200
Ion Ratio Lower Upper
252 100
253 28.4 19.0 28.6
125 23.2 13.2 19.8

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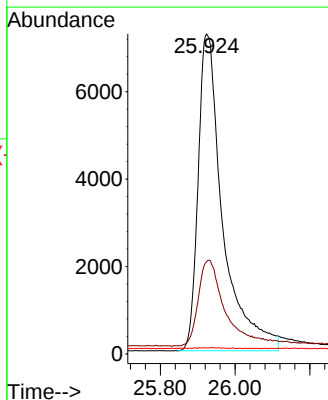
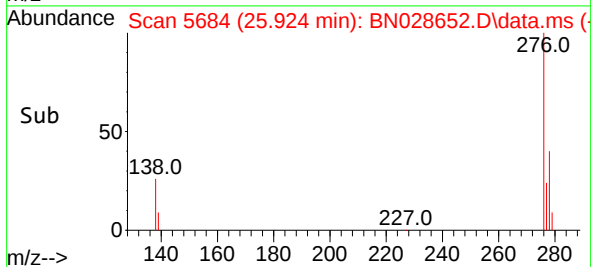
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

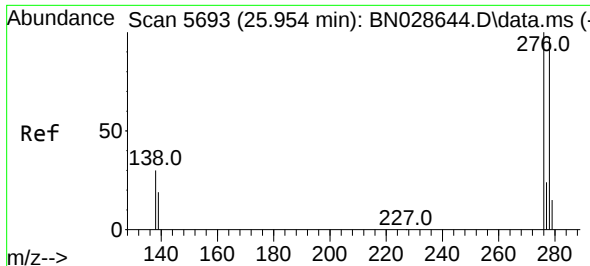


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.924 min Scan# 5684
Delta R.T. -0.017 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18



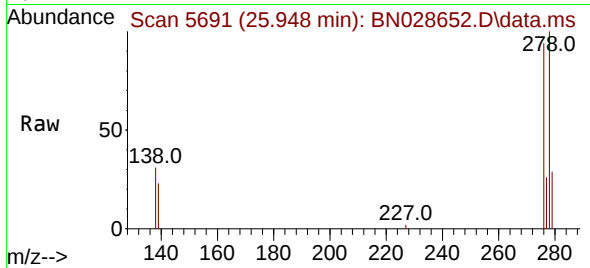
Tgt Ion:276 Resp: 33161
Ion Ratio Lower Upper
276 100
138 29.6 23.8 35.6
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.323 ng/ul
RT: 25.948 min Scan# 5691
Delta R.T. -0.017 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18

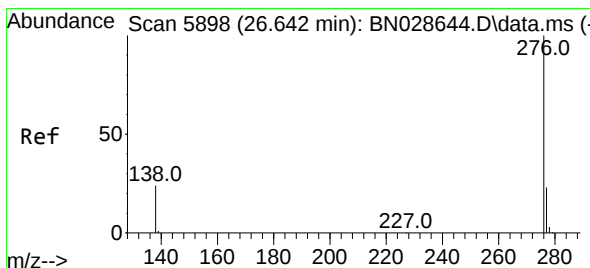
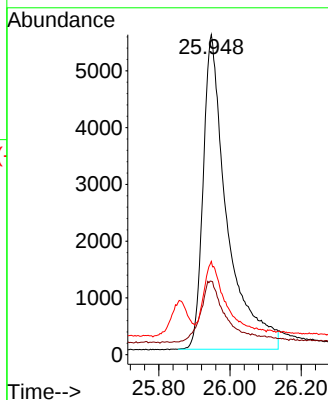
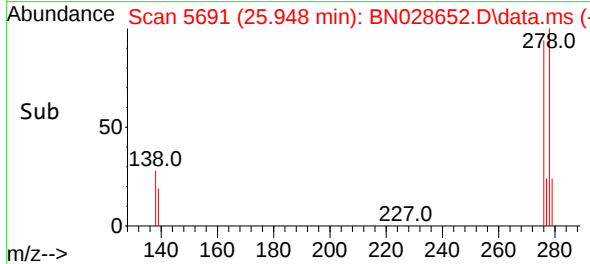
Instrument :
BNA_N
ClientSampleId :
GCDK5MS



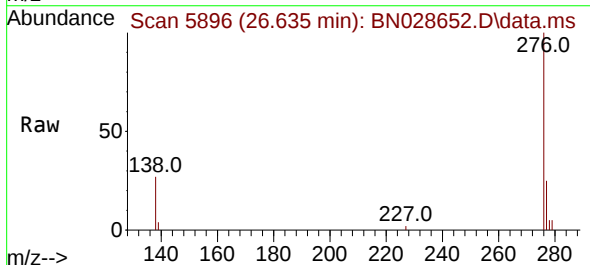
Tgt Ion: 278 Resp: 2582
Ion Ratio Lower Upper
278 100
139 22.9 18.2 27.4
279 29.2 20.7 31.1

Manual Integrations
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Reviewed By : Yogesh Patel 11/17/2023
Supervised By : mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 26.635 min Scan# 5896
Delta R.T. -0.017 min
Lab File: BN028652.D
Acq: 16 Nov 2023 06:18



Tgt Ion: 276 Resp: 28771
Ion Ratio Lower Upper
276 100
138 27.5 20.5 30.7
277 24.9 19.4 29.0

