

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028745.D
 Acq On : 18 Nov 2023 18:54
 Operator : MA/JU
 Sample : 05369-18MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDP3MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 22:53:36 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 : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	6067m	0.400	ng/ul	0.10
4) Naphthalene-d8	10.523	136	22588m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.321	164	14053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	20523	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	19934	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	18086	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.125	96	886m	0.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.156	152	1659	0.049	ng/ul	0.04
18) Fluoranthene-d10	19.123	212	12337	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	3030m	0.409	ng/ul	
5) Naphthalene	10.572	128	7309	0.115	ng/ul#	87
7) 2-Methylnaphthalene	12.239	142	1832	0.044	ng/ul	91
8) 1-Methylnaphthalene	12.382	142	4734	0.112	ng/ul	100
10) Acenaphthylene	14.053	152	11494	0.164	ng/ul	96
11) Acenaphthene	14.386	153	9692	0.188	ng/ul	98
12) Fluorene	15.404	166	7901	0.132	ng/ul	97
14) Pentachlorophenol	16.744	266	1076	0.218	ng/ul	100
15) Phenanthrene	17.132	178	13167	0.209	ng/ul	96
16) Anthracene	17.242	178	6758	0.117	ng/ul#	91
19) Fluoranthene	19.151	202	17072	0.201	ng/ul	98
20) Pyrene	19.513	202	19734	0.225	ng/ul	96
21) Benzo(a)anthracene	21.285	228	10527	0.134	ng/ul	98
22) Chrysene	21.334	228	13861	0.180	ng/ul	98
24) Benzo(b)fluoranthene	22.892	252	11334	0.167	ng/ul#	67
25) Benzo(k)fluoranthene	22.939	252	13576	0.191	ng/ul#	76
26) Benzo(a)pyrene	23.485	252	11940	0.186	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.941	276	13128	0.185	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.965	278	9784	0.172	ng/ul#	83
29) Benzo(g,h,i)perylene	26.646	276	11781	0.202	ng/ul#	92

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

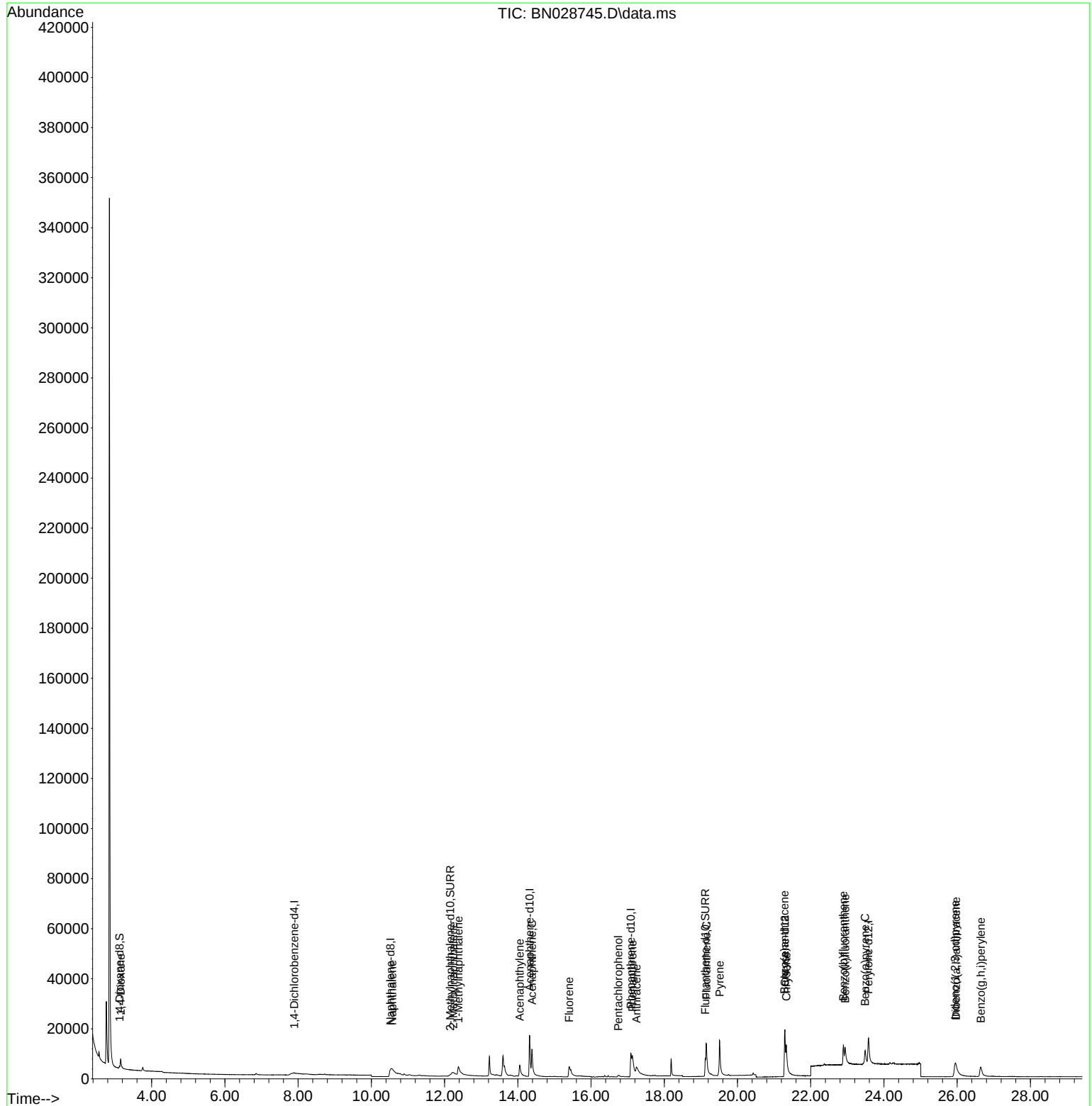
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028745.D
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ALS Vial : 45 Sample Multiplier: 1

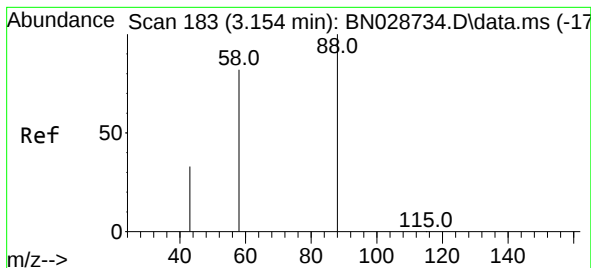
Instrument :
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Supervised By :mohammad ahmed 11/20/2023

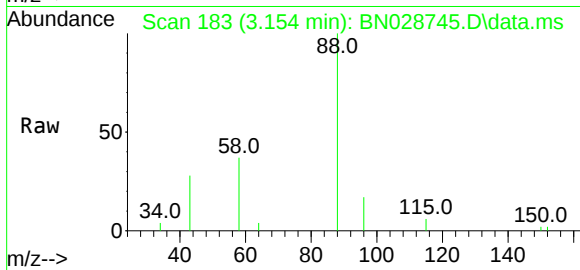
Quant Time: Nov 19 22:53:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.409 ng/ul m
RT: 3.154 min Scan# 183
Delta R.T. -0.000 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

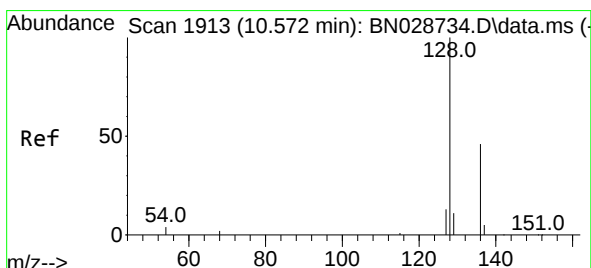
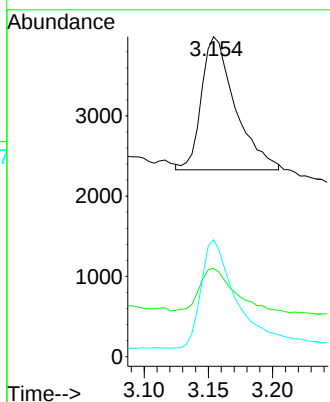
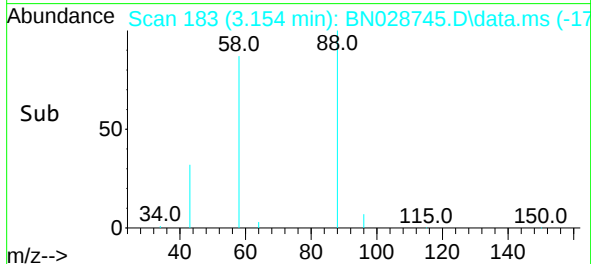
Instrument :
BNA_N
ClientSampleId :
GCDP3MSD



Tgt Ion: 88 Resp: 3030
Ion Ratio Lower Upper
88 100
43 27.6 32.9 49.3#
58 36.5 41.8 62.8#

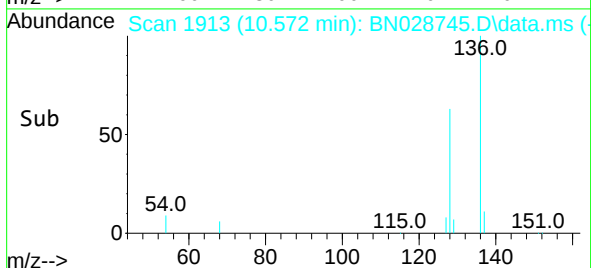
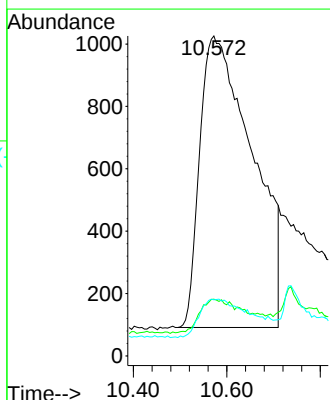
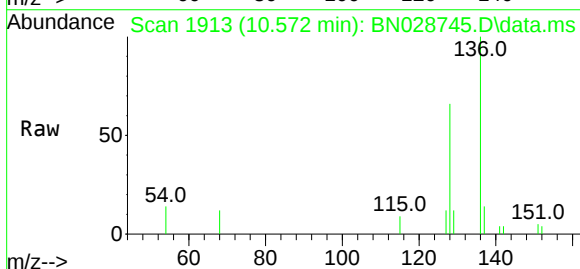
Manual Integrations
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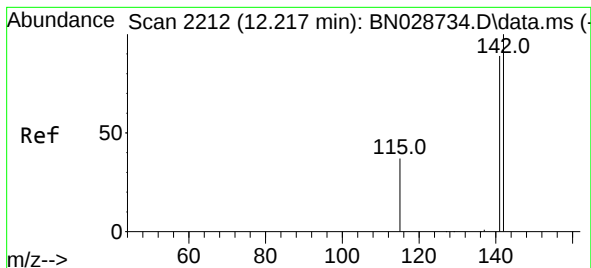
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.572 min Scan# 1913
Delta R.T. 0.038 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

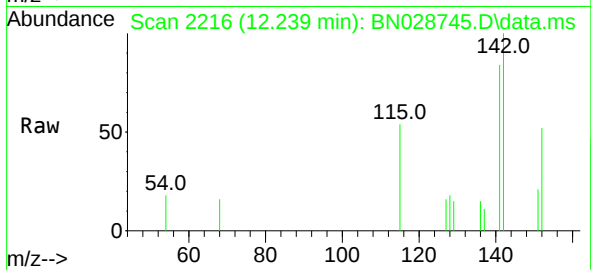
Tgt Ion:128 Resp: 7309
Ion Ratio Lower Upper
128 100
129 17.7 9.2 13.8#
127 17.5 10.7 16.1#





#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.239 min Scan# 2116
Delta R.T. 0.066 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

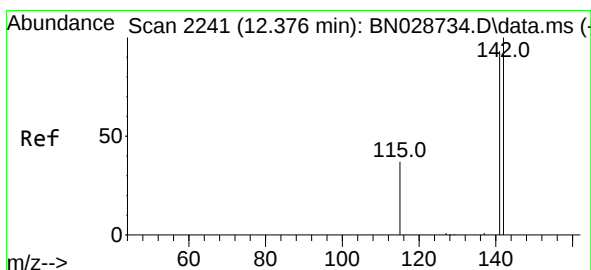
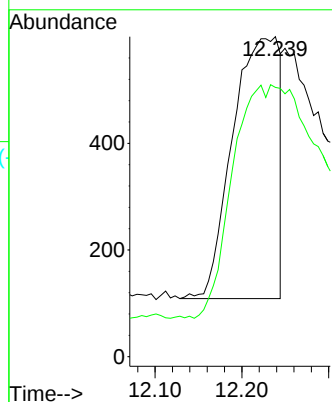
Instrument :
BNA_N
ClientSampleId :
GCDP3MSD



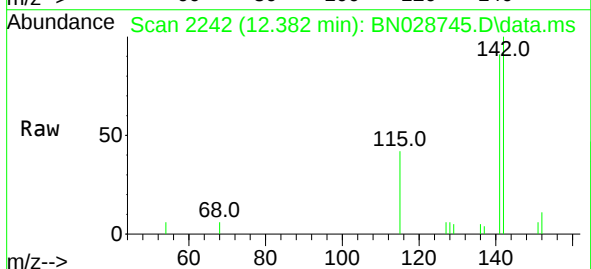
Tgt Ion:142 Resp: 1832
Ion Ratio Lower Upper
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141 96.9 70.8 106.2

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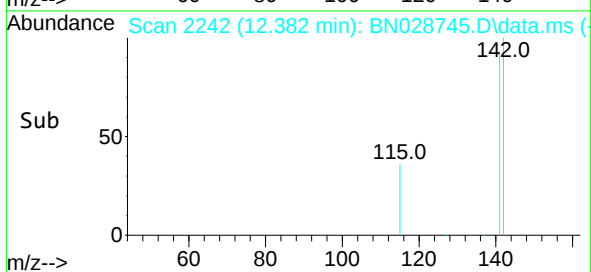
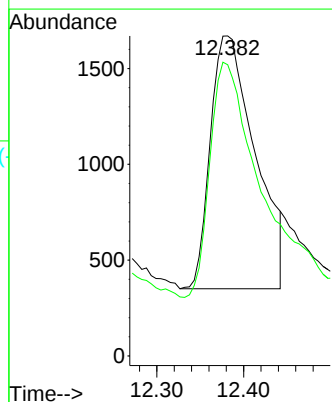
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

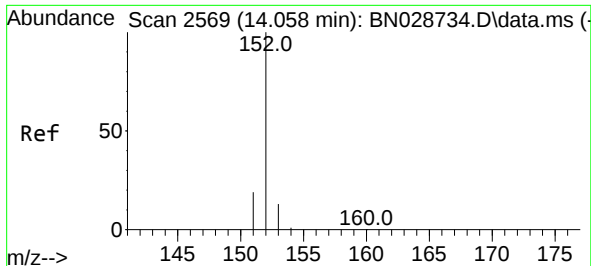


#8
1-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.382 min Scan# 2242
Delta R.T. 0.016 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54



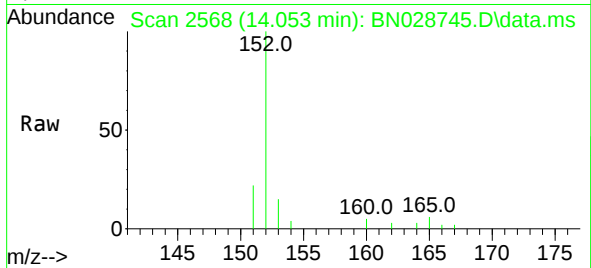
Tgt Ion:142 Resp: 4734
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1





#10
Acenaphthylene
Concen: 0.164 ng/u1
RT: 14.053 min Scan# 2149
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

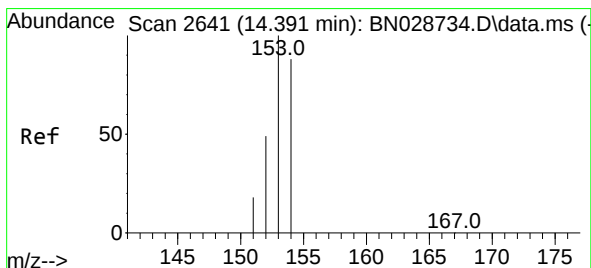
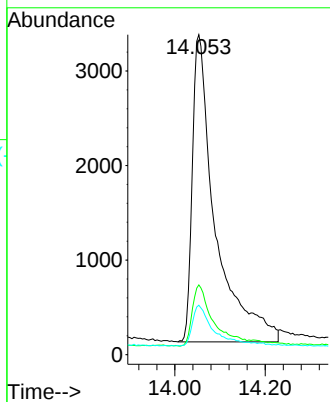
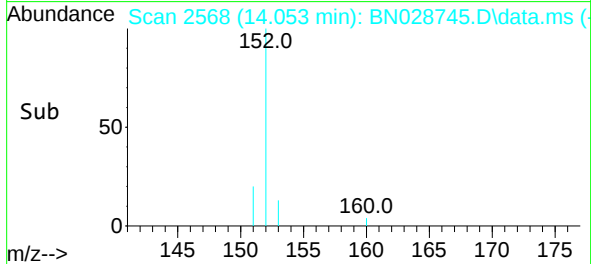
Instrument :
BNA_N
ClientSampleId :
GCDP3MSD



Tgt Ion:152 Resp: 11494
Ion Ratio Lower Upper
152 100
151 21.8 16.1 24.1
153 15.5 10.6 15.8

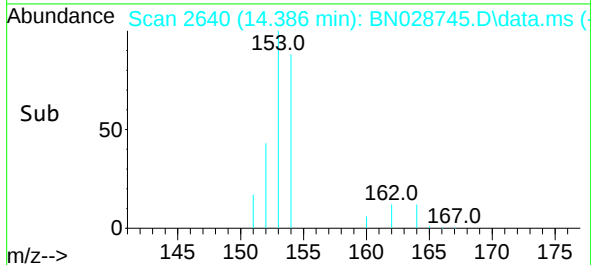
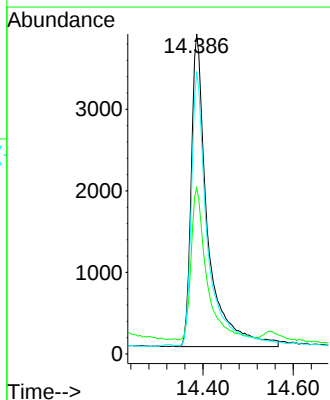
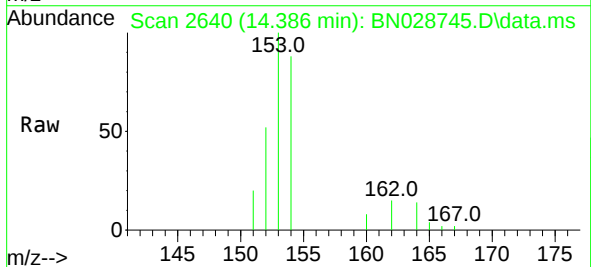
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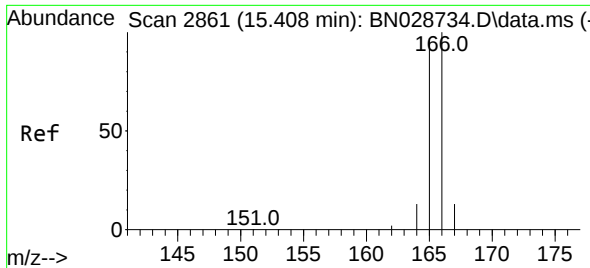
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.188 ng/u1
RT: 14.386 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

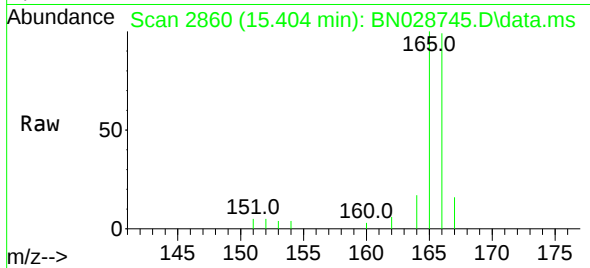
Tgt Ion:153 Resp: 9692
Ion Ratio Lower Upper
153 100
152 51.9 39.6 59.4
154 88.3 71.0 106.6





#12
Fluorene
Concen: 0.132 ng/ul
RT: 15.404 min Scan# 2165
Delta R.T. 0.010 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

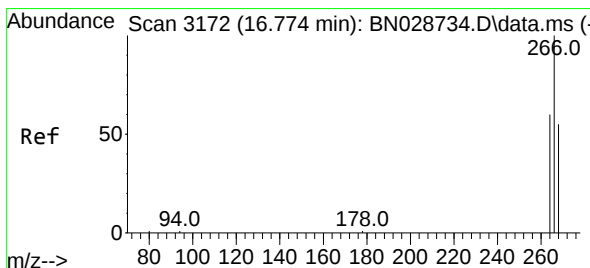
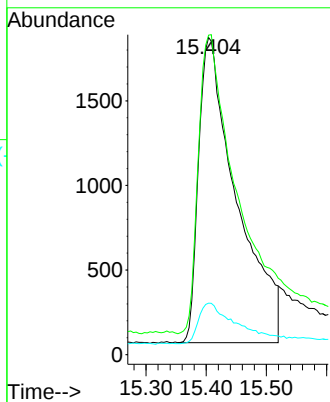
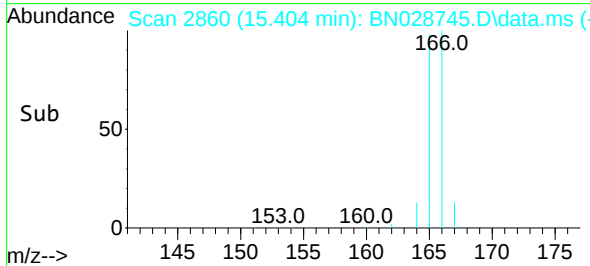
Instrument :
BNA_N
ClientSampleId :
GCDP3MSD



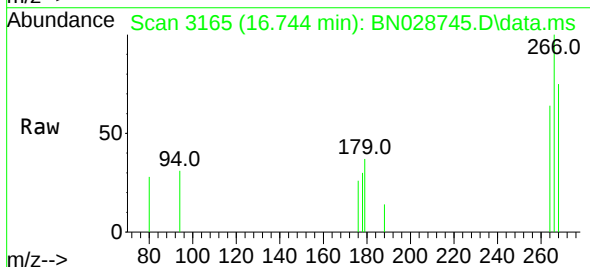
Tgt Ion:166 Resp: 790
Ion Ratio Lower Upper
166 100
165 100.7 78.6 118.0
167 16.2 11.0 16.6

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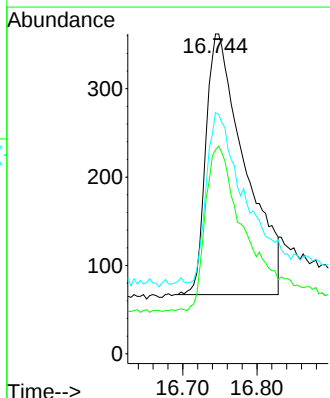
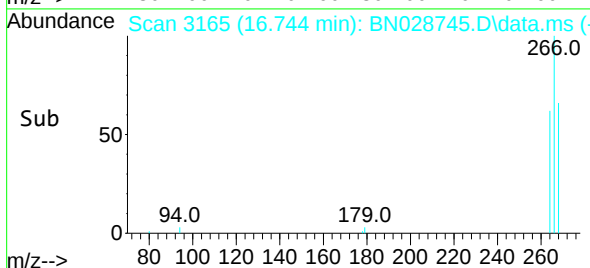
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

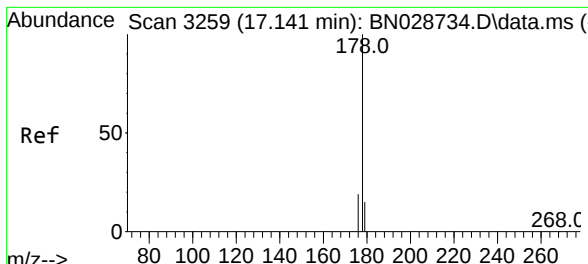


#14
Pentachlorophenol
Concen: 0.218 ng/ul
RT: 16.744 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54



Tgt Ion:266 Resp: 1076
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 62.7 50.6 75.8





#15
 Phenanthrene
 Concen: 0.209 ng/ul
 RT: 17.132 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BN028745.D
 Acq: 18 Nov 2023 18:54

Instrument :

BNA_N

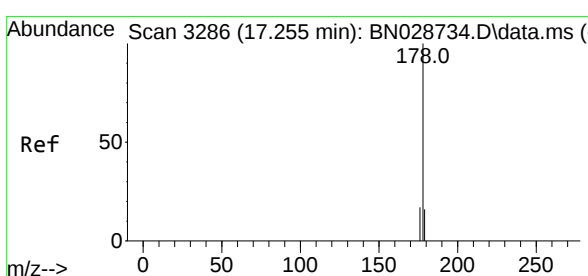
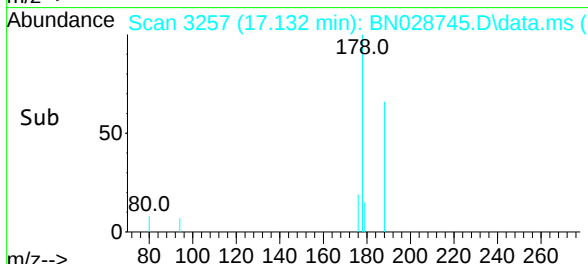
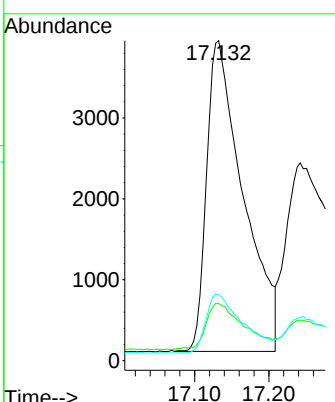
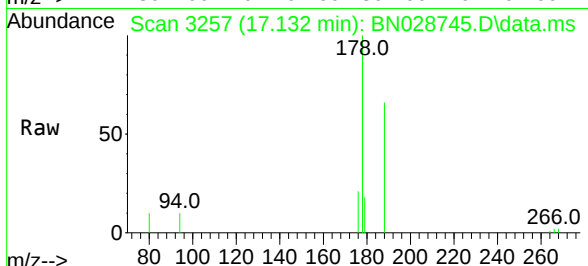
ClientSampleId :

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Tgt Ion:	178	Resp:	1316
Ion Ratio	Lower	Upper	
178	100		
179	17.9	12.4	18.6
176	20.6	15.4	23.2

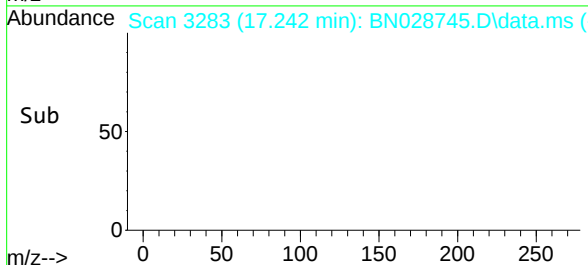
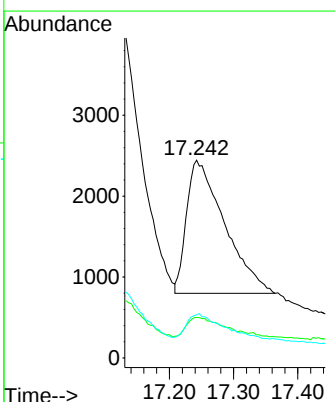
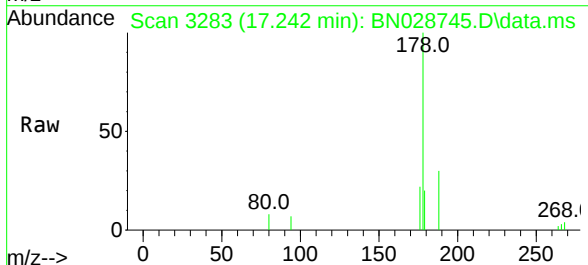
Manual Integrations
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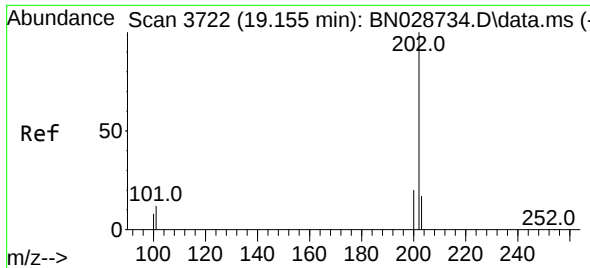
Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023



#16
 Anthracene
 Concen: 0.117 ng/ul
 RT: 17.242 min Scan# 3283
 Delta R.T. 0.005 min
 Lab File: BN028745.D
 Acq: 18 Nov 2023 18:54

Tgt Ion:	178	Resp:	6758
Ion Ratio	Lower	Upper	
178	100		
179	20.5	12.6	18.8
176	21.8	14.9	22.3





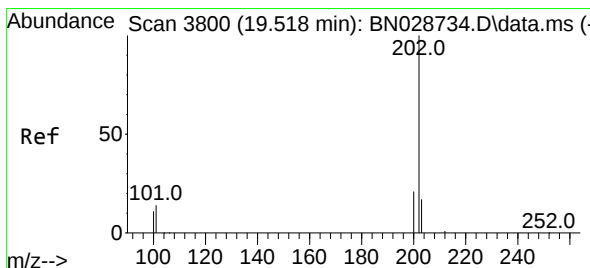
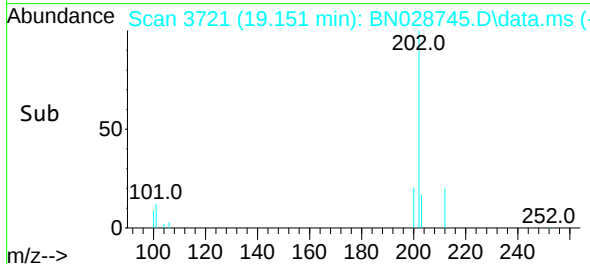
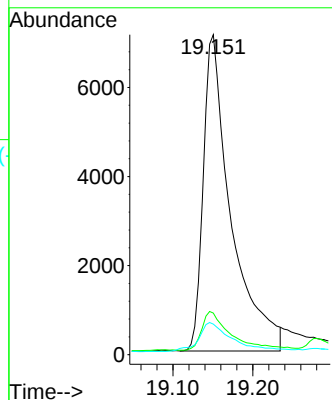
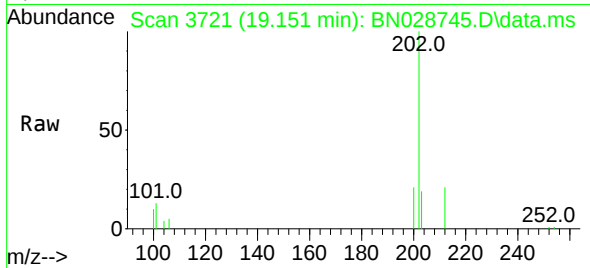
#19
Fluoranthene
Concen: 0.201 ng/u1
RT: 19.151 min Scan# 3177
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Instrument :
BNA_N
ClientSampleId :
GCDP3MSD

Tgt Ion:202 Resp: 17072
Ion Ratio Lower Upper
202 100
101 13.0 9.5 14.3
100 9.5 7.2 10.8

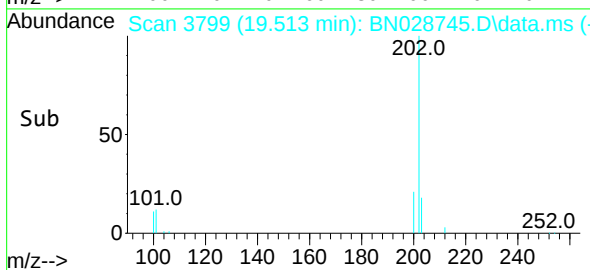
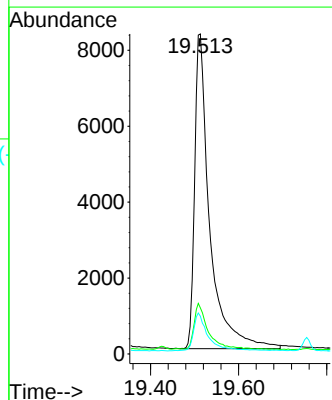
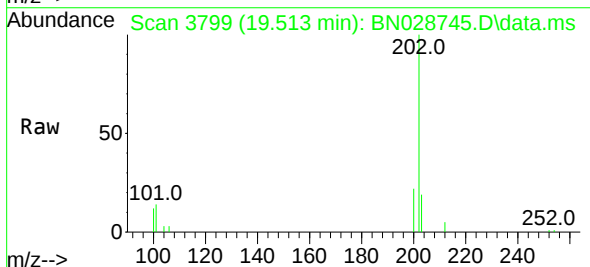
Manual Integrations
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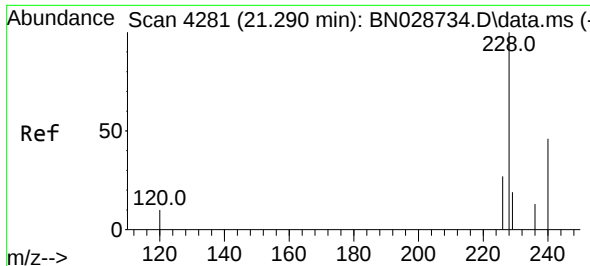
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.225 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

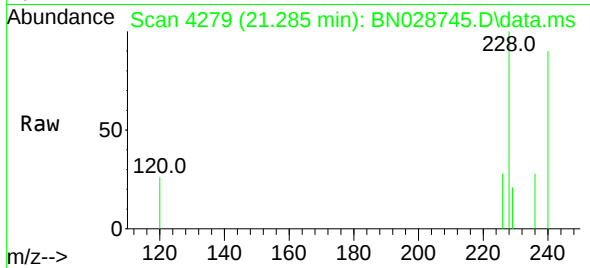
Tgt Ion:202 Resp: 19734
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.8 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.134 ng/u1
RT: 21.285 min Scan# 4281
Delta R.T. 0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

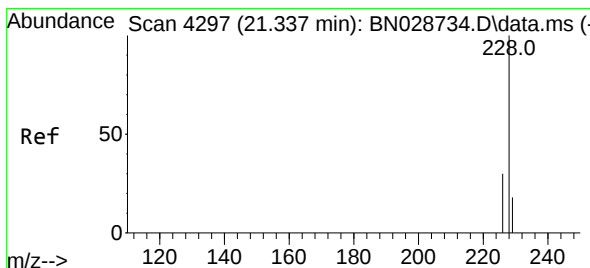
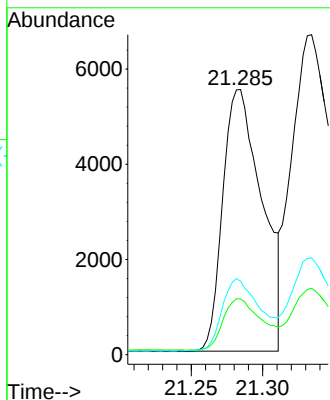
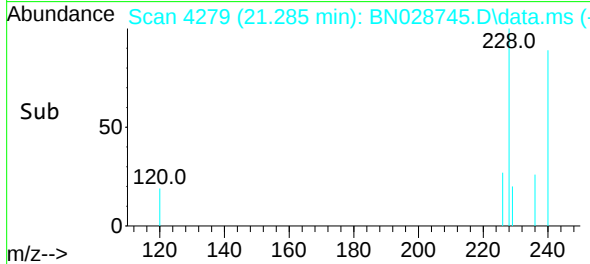
Instrument :
BNA_N
ClientSampleId :
GCDP3MSD



Tgt Ion:228 Resp: 10521
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 27.7 21.4 32.0

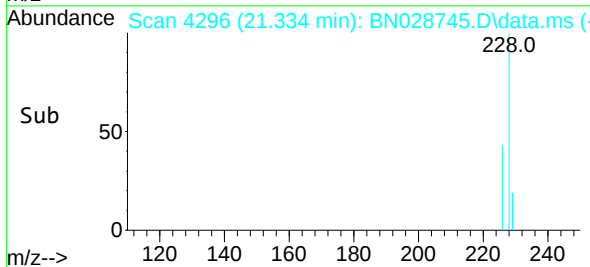
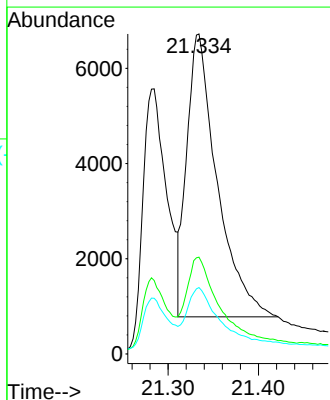
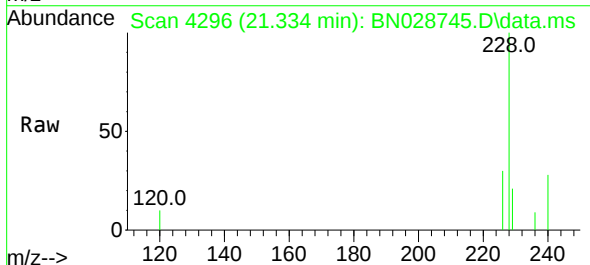
Manual Integrations
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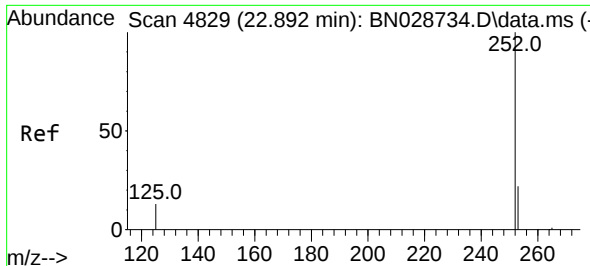
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.180 ng/u1
RT: 21.334 min Scan# 4296
Delta R.T. 0.001 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion:228 Resp: 13861
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.7 15.4 23.2





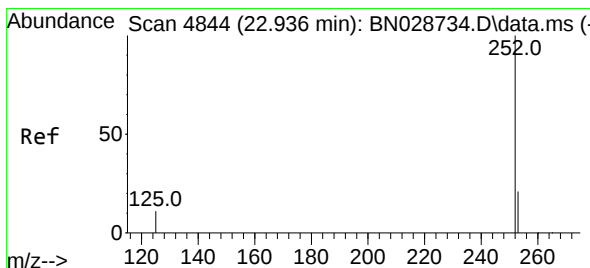
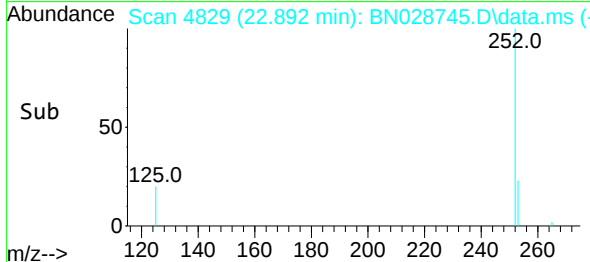
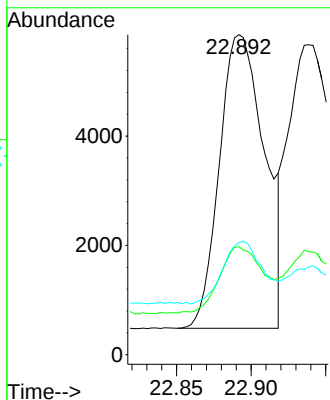
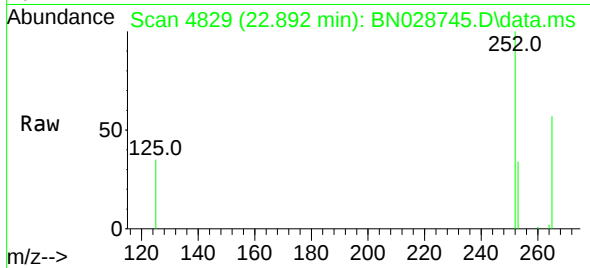
#24
Benzo(b)fluoranthene
Concen: 0.167 ng/ul
RT: 22.892 min Scan# 4829
Delta R.T. 0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Instrument :
BNA_N
ClientSampleId :
GCDP3MSD

Tgt Ion:252 Resp: 11334
Ion Ratio Lower Upper
252 100
253 33.8 0.0 46.6
125 35.0 0.0 27.6

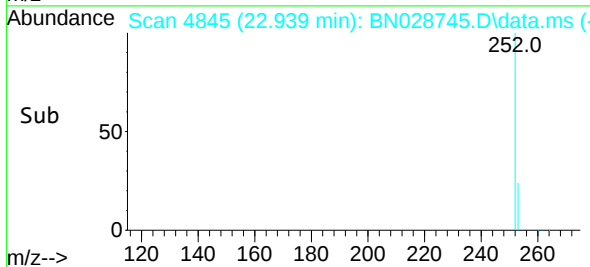
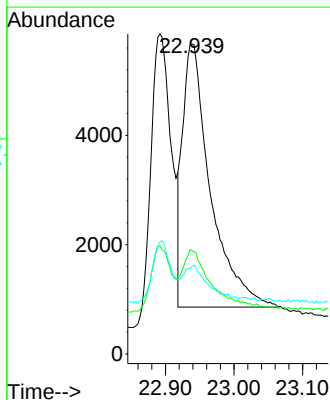
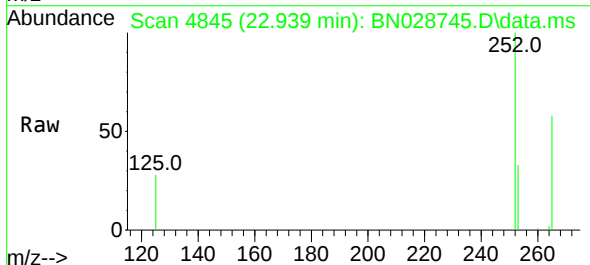
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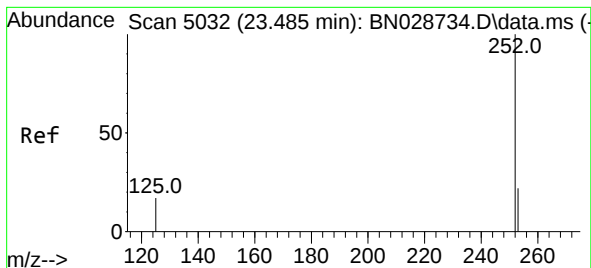
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.191 ng/ul
RT: 22.939 min Scan# 4845
Delta R.T. 0.007 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

Tgt Ion:252 Resp: 13576
Ion Ratio Lower Upper
252 100
253 33.3 18.6 28.0#
125 28.3 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.186 ng/ul

RT: 23.485 min Scan# 5032

Delta R.T. 0.004 min

Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

Instrument :

BNA_N

ClientSampleId :

GCDP3MSD

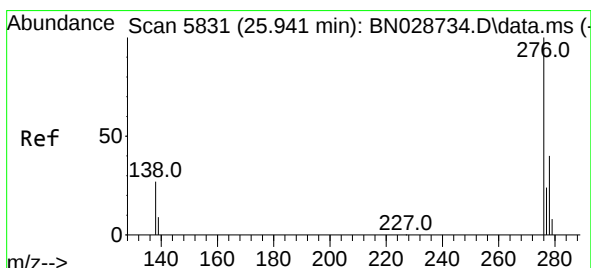
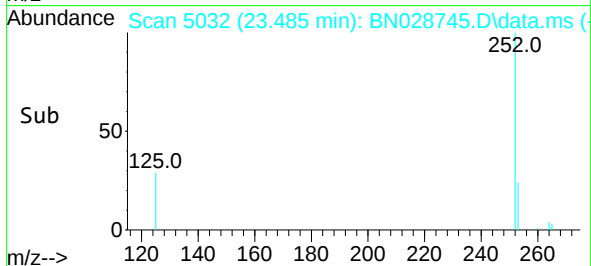
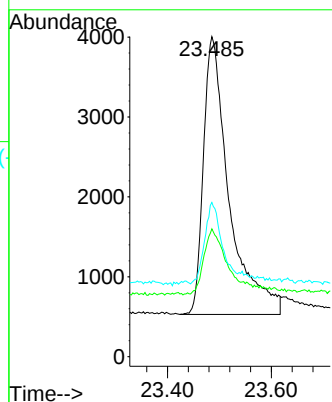
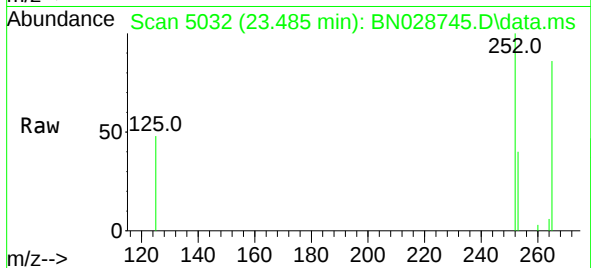
Tgt Ion:	252	Resp:	11940
Ion Ratio	Lower	Upper	
252	100		
253	40.0	19.0	28.6
125	48.2	13.2	19.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/20/2023

Supervised By :mohammad ahmed 11/20/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.185 ng/ul

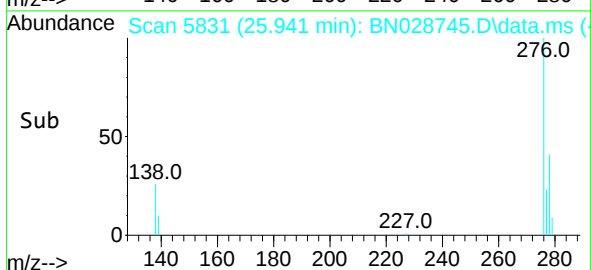
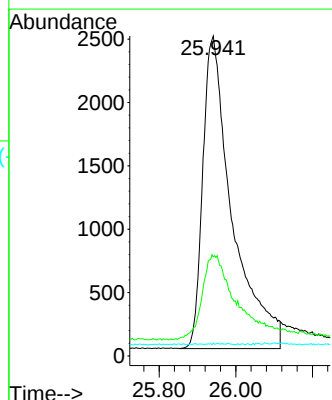
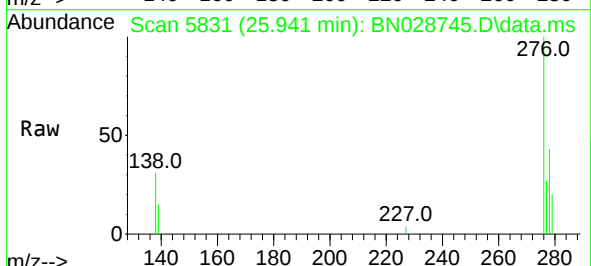
RT: 25.941 min Scan# 5831

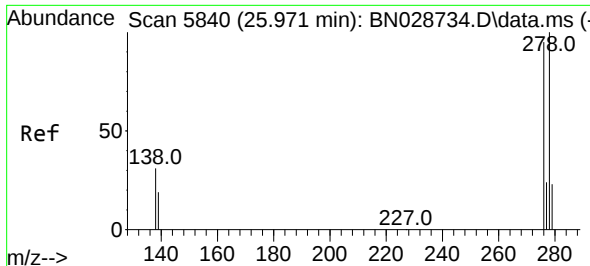
Delta R.T. 0.011 min

Lab File: BN028745.D

Acq: 18 Nov 2023 18:54

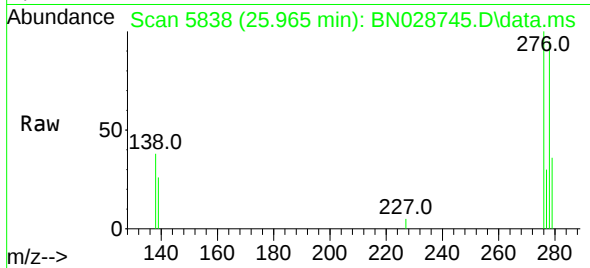
Tgt Ion:	276	Resp:	13128
Ion Ratio	Lower	Upper	
276	100		
138	31.6	23.8	35.6
227	0.0	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.172 ng/ul
RT: 25.965 min Scan# 5840
Delta R.T. 0.008 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54

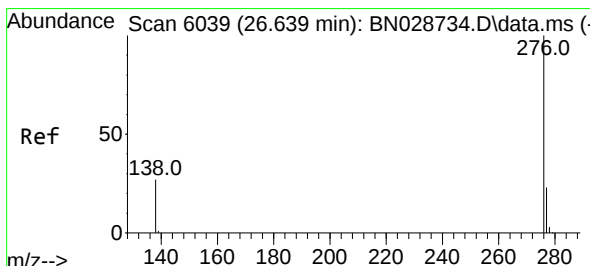
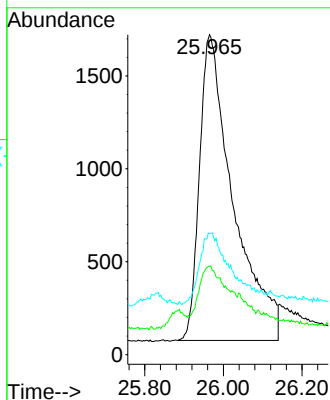
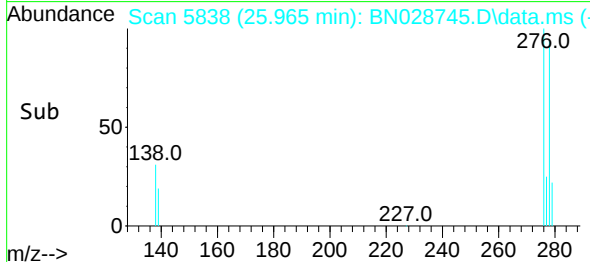
Instrument :
BNA_N
ClientSampleId :
GCDP3MSD



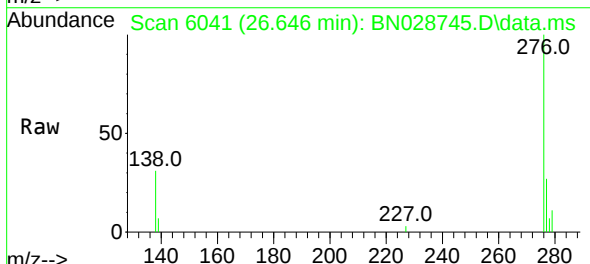
Tgt Ion:278 Resp: 9784
Ion Ratio Lower Upper
278 100
139 27.6 18.2 27.4
279 37.8 20.7 31.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.202 ng/ul
RT: 26.646 min Scan# 6041
Delta R.T. 0.004 min
Lab File: BN028745.D
Acq: 18 Nov 2023 18:54



Tgt Ion:276 Resp: 11781
Ion Ratio Lower Upper
276 100
138 30.7 20.5 30.7
277 26.7 19.4 29.0

