

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028696.D
 Acq On : 17 Nov 2023 11:29
 Operator : MA/JU
 Sample : 05338-22MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDM5MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 12:24:20 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	7.909	152	4887m	0.400	ng/ul	0.04
4) Naphthalene-d8	10.506	136	13844	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.325	164	13189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	22169	0.400	ng/ul	-0.01
17) Chrysene-d12	21.292	240	19286	0.400	ng/ul	# 0.00
23) Perylene-d12	23.575	264	17699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2074m	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	5206	0.250	ng/ul	-0.02
18) Fluoranthene-d10	19.117	212	25747	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	9931	1.663	ng/ul	92
5) Naphthalene	10.550	128	12117	0.312	ng/ul#	91
7) 2-Methylnaphthalene	12.184	142	5579	0.218	ng/ul	99
8) 1-Methylnaphthalene	12.365	142	8088	0.312	ng/ul	99
10) Acenaphthylene	14.048	152	17850	0.271	ng/ul	97
11) Acenaphthene	14.385	153	14215	0.293	ng/ul	98
12) Fluorene	15.394	166	13672	0.243	ng/ul	98
14) Pentachlorophenol	16.735	266	4858	0.913	ng/ul	100
15) Phenanthrene	17.123	178	23734	0.348	ng/ul	97
16) Anthracene	17.233	178	15562	0.249	ng/ul	95
19) Fluoranthene	19.145	202	33441	0.408	ng/ul	97
20) Pyrene	19.507	202	37704	0.444	ng/ul	96
21) Benzo(a)anthracene	21.277	228	21528	0.282	ng/ul	99
22) Chrysene	21.330	228	26286	0.353	ng/ul	98
24) Benzo(b)fluoranthene	22.885	252	22775	0.343	ng/ul	88
25) Benzo(k)fluoranthene	22.932	252	27520	0.396	ng/ul#	90
26) Benzo(a)pyrene	23.478	252	22112	0.353	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.923	276	26411	0.380	ng/ul	99
28) Dibenzo(a,h)anthracene	25.954	278	20796	0.374	ng/ul	95
29) Benzo(g,h,i)perylene	26.631	276	23939	0.420	ng/ul	96

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

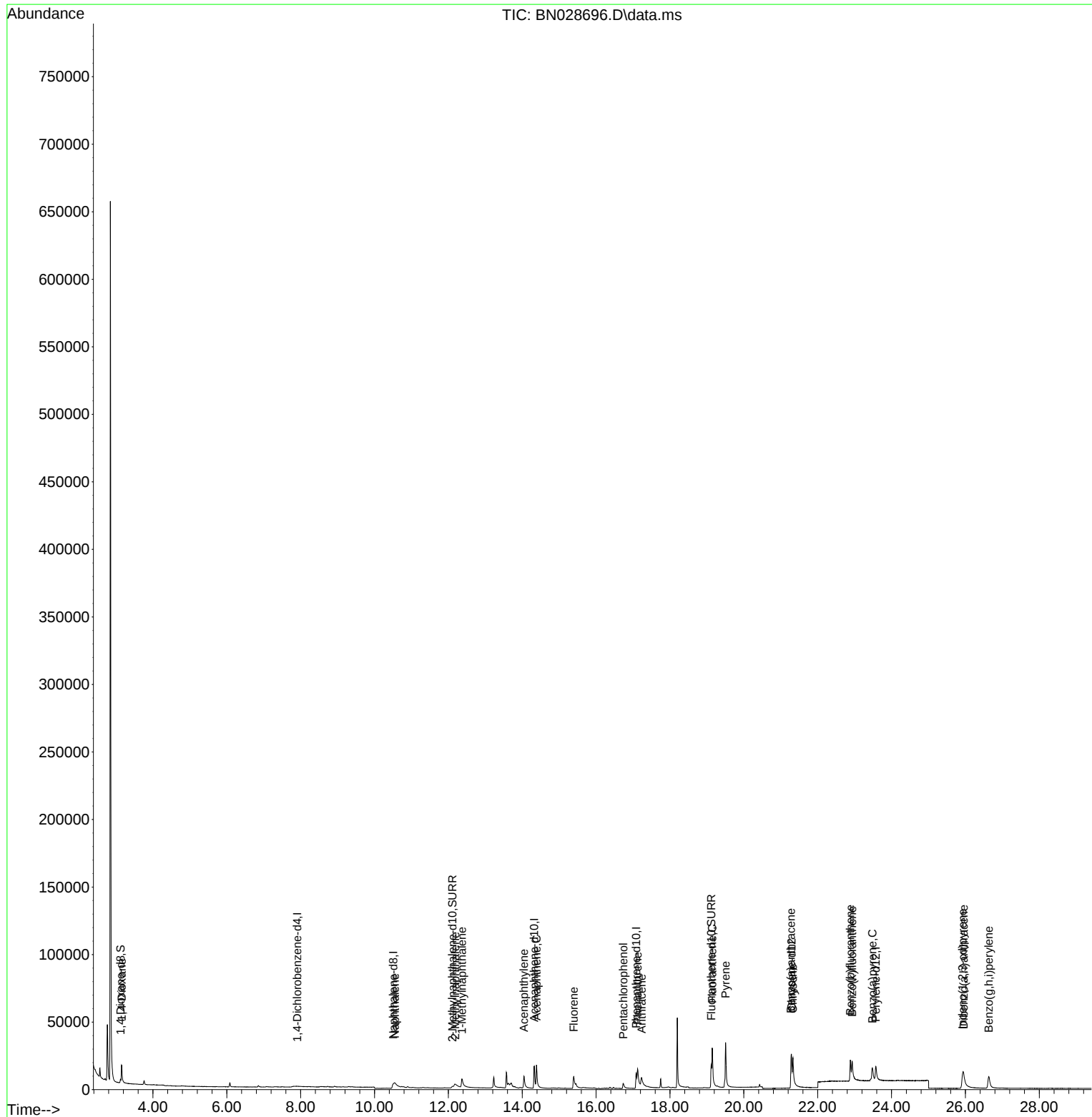
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028696.D
Acq On : 17 Nov 2023 11:29
Operator : MA/JU
Sample : 05338-22MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

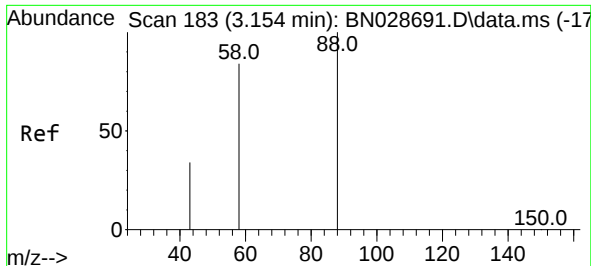
Instrument :
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ClientSampleId :
GCDM5MSD

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

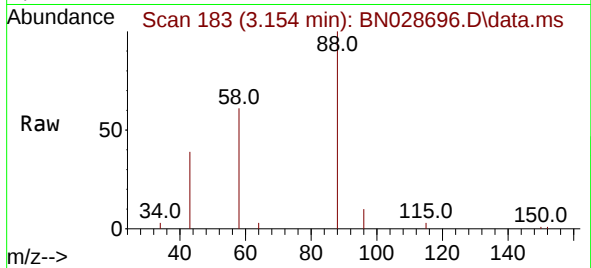
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.663 ng/ul
RT: 3.154 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

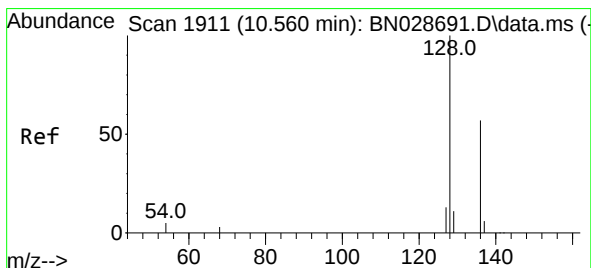
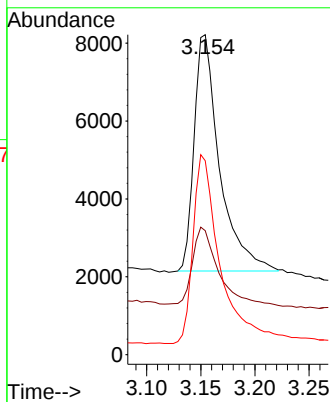
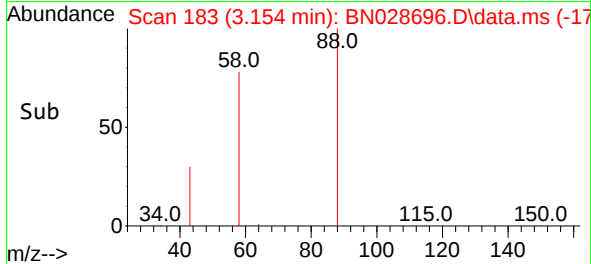
Instrument :
BNA_N
ClientSampleId :
GCDM5MSD



Tgt Ion: 88 Resp: 993
Ion Ratio Lower Upper
88 100
43 38.8 32.9 49.3
58 60.6 41.8 62.8

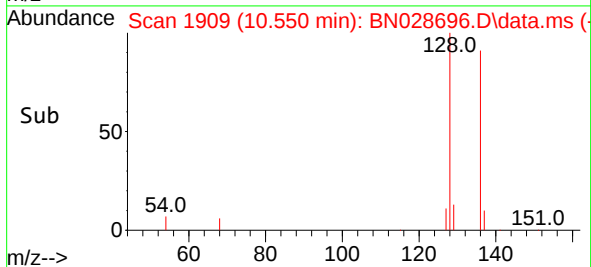
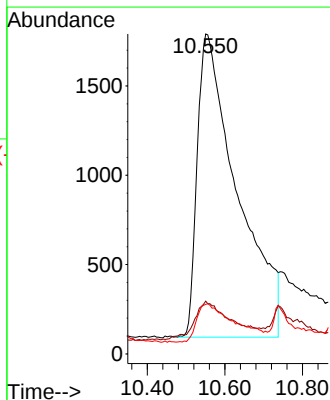
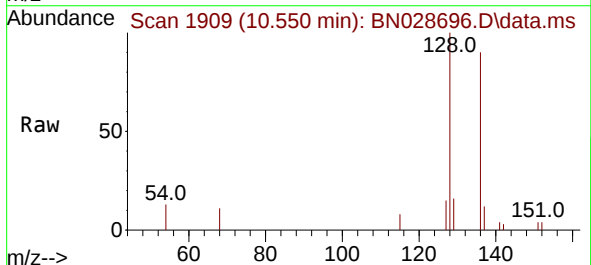
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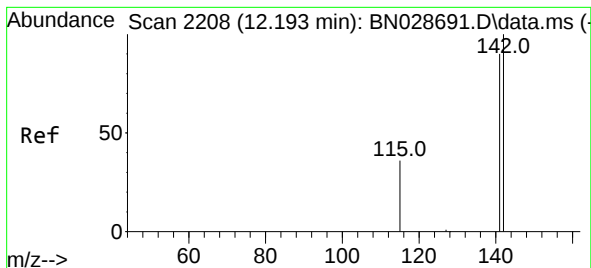
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.312 ng/ul
RT: 10.550 min Scan# 1909
Delta R.T. -0.010 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

Tgt Ion:128 Resp: 12117
Ion Ratio Lower Upper
128 100
129 16.5 9.2 13.8#
127 15.5 10.7 16.1





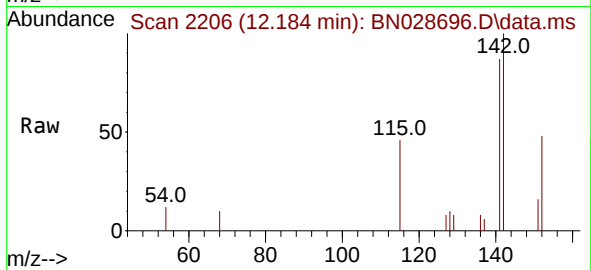
#7
2-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.184 min Scan# 2119
Delta R.T. -0.010 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

Instrument :

BNA_N

ClientSampleId :

GCDM5MSD

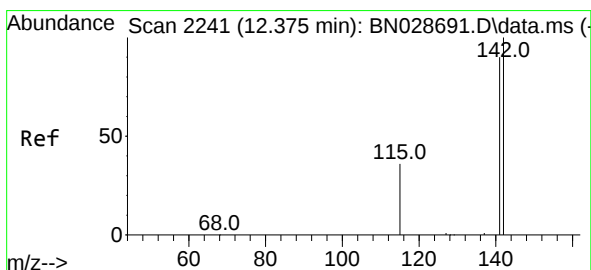
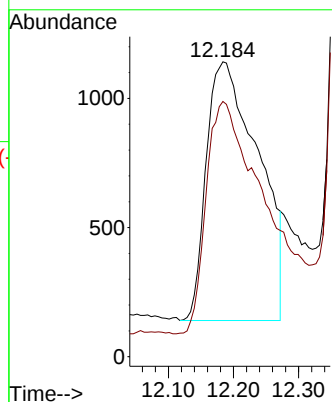


Tgt Ion:142 Resp: 5579
Ion Ratio Lower Upper
142 100
141 89.6 70.8 106.2

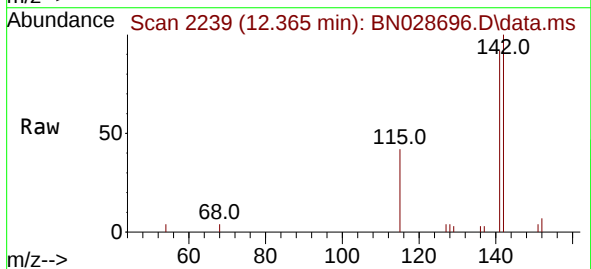
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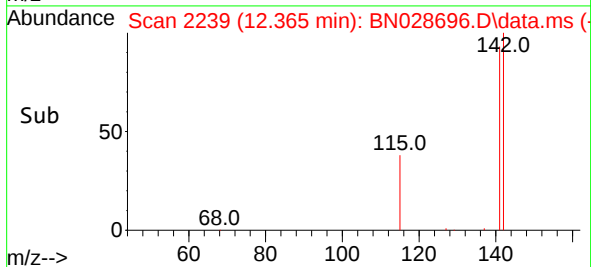
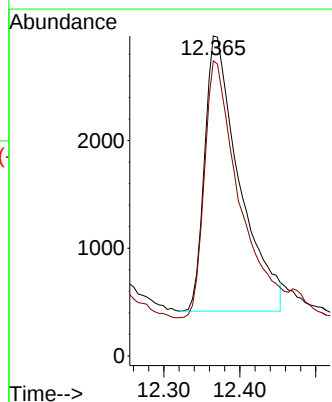
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

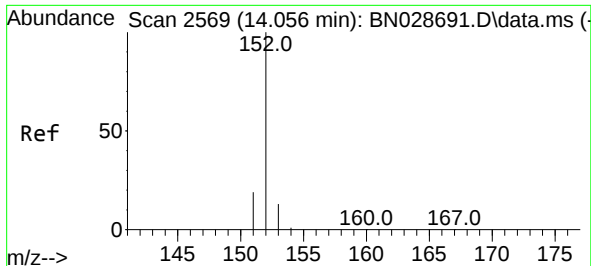


#8
1-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.365 min Scan# 2239
Delta R.T. -0.010 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29



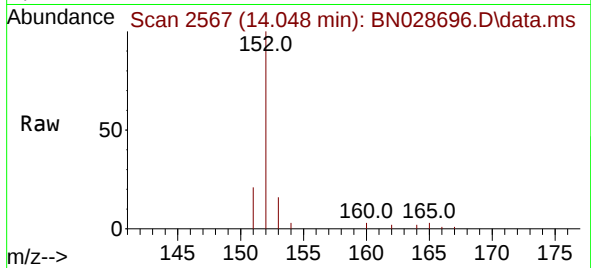
Tgt Ion:142 Resp: 8088
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1





#10
Acenaphthylene
Concen: 0.271 ng/ul
RT: 14.048 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

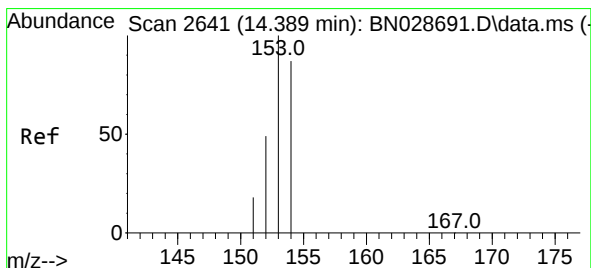
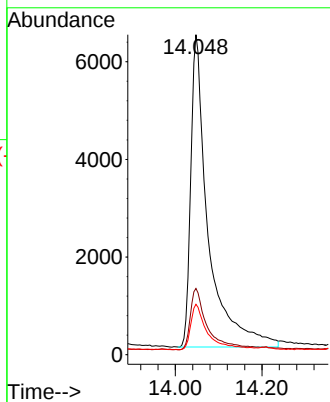
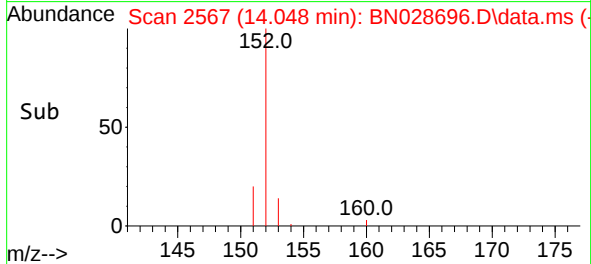
Instrument :
BNA_N
ClientSampleId :
GCDM5MSD



Tgt Ion:152 Resp: 17850
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 15.8 10.6 15.8

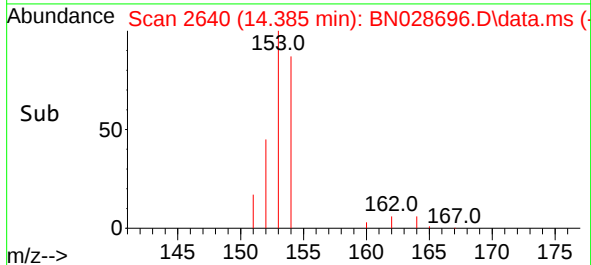
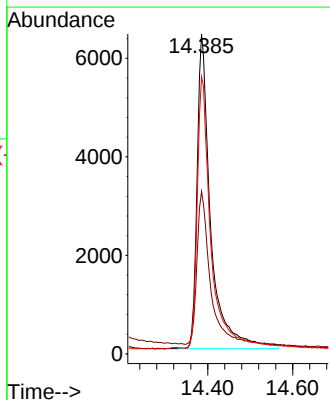
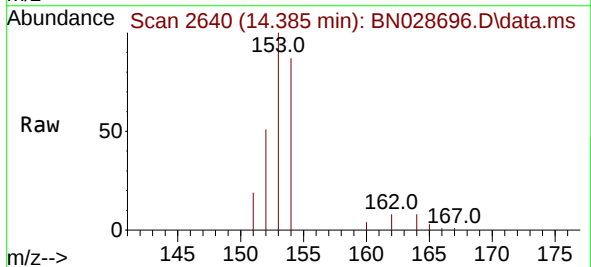
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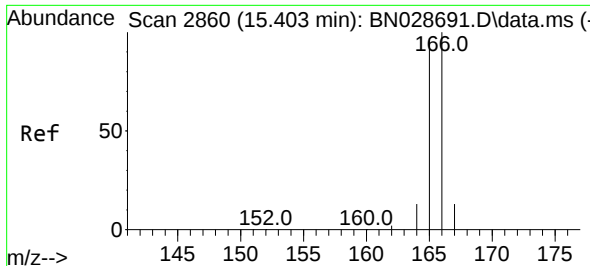
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.385 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

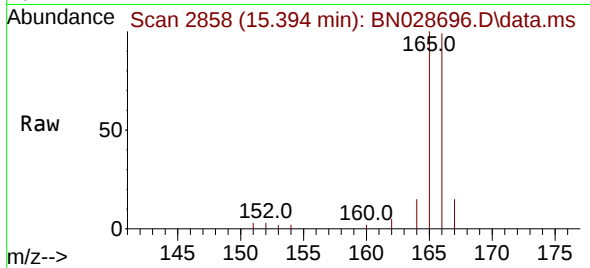
Tgt Ion:153 Resp: 14215
Ion Ratio Lower Upper
153 100
152 50.8 39.6 59.4
154 86.7 71.0 106.6





#12
Fluorene
Concen: 0.243 ng/ul
RT: 15.394 min Scan# 2858
Delta R.T. -0.009 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

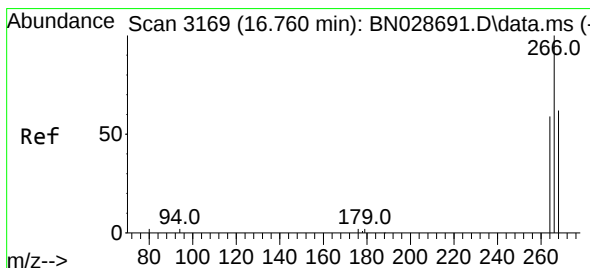
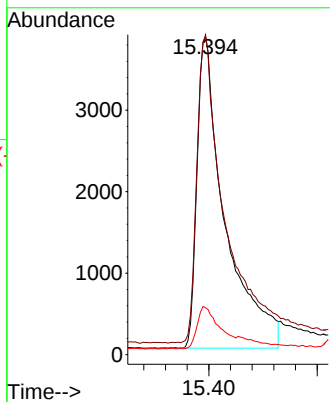
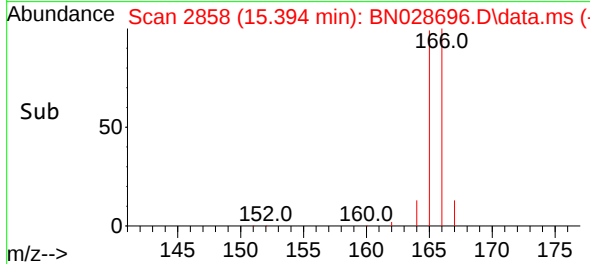
Instrument :
BNA_N
ClientSampleId :
GCDM5MSD



Tgt Ion:166 Resp: 13672
Ion Ratio Lower Upper
166 100
165 100.6 78.6 118.0
167 14.8 11.0 16.6

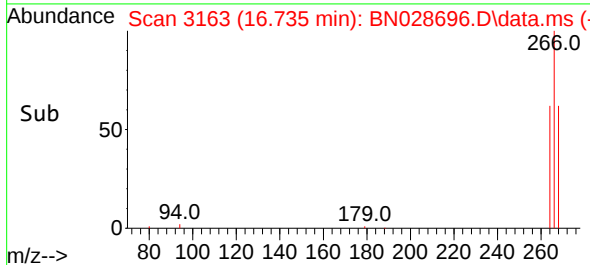
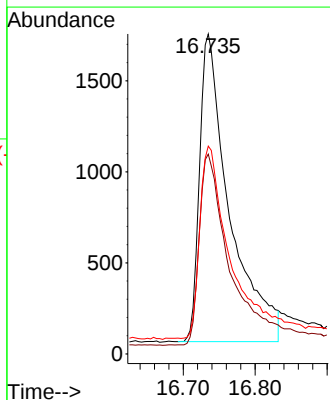
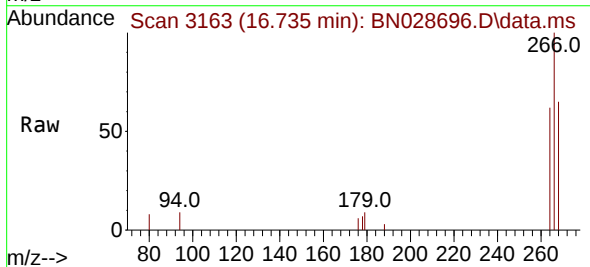
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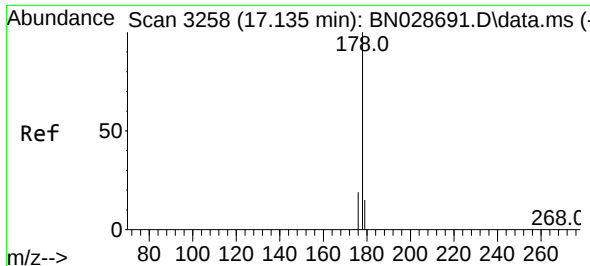
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.913 ng/ul
RT: 16.735 min Scan# 3163
Delta R.T. -0.025 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

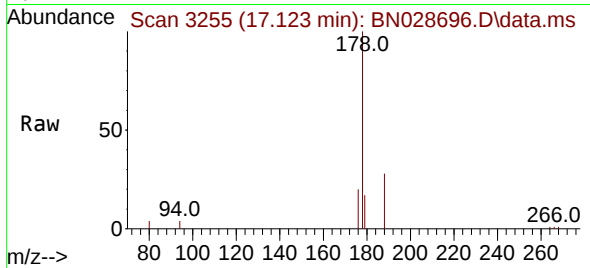
Tgt Ion:266 Resp: 4858
Ion Ratio Lower Upper
266 100
264 62.9 50.1 75.1
268 63.2 50.6 75.8





#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

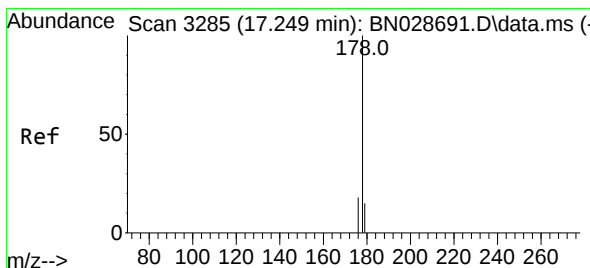
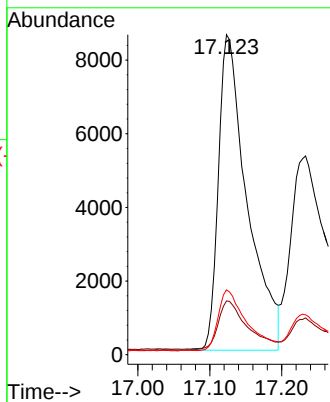
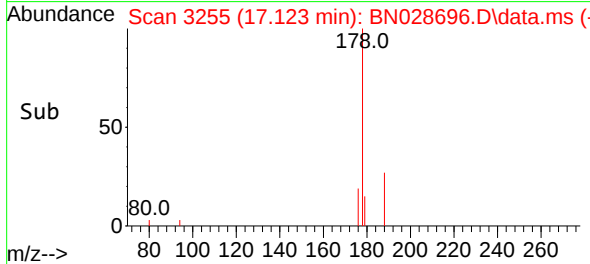
Instrument :
BNA_N
ClientSampleId :
GCDM5MSD



Tgt Ion:178 Resp: 23734
Ion Ratio Lower Upper
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179 16.8 12.4 18.6
176 20.3 15.4 23.2

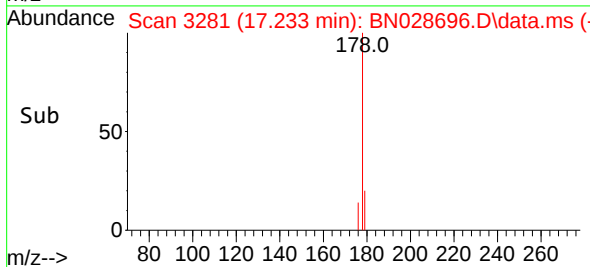
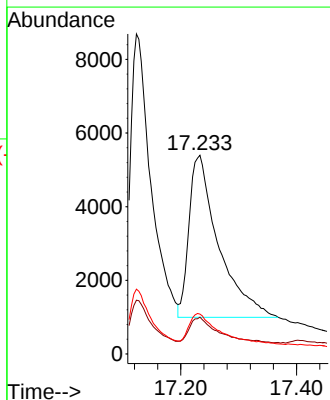
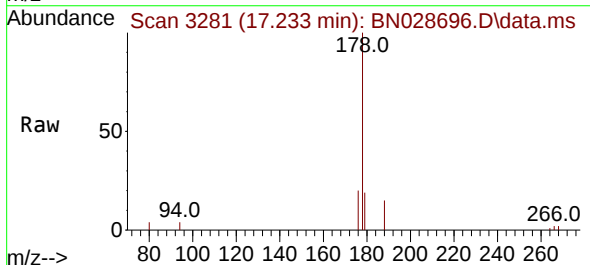
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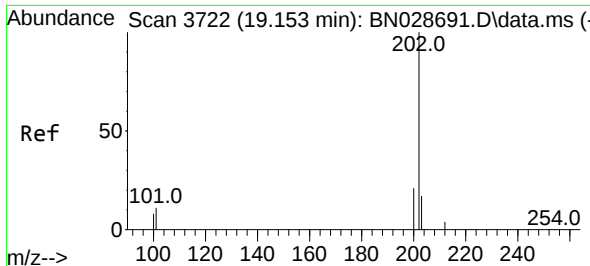
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.249 ng/ul
RT: 17.233 min Scan# 3281
Delta R.T. -0.016 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

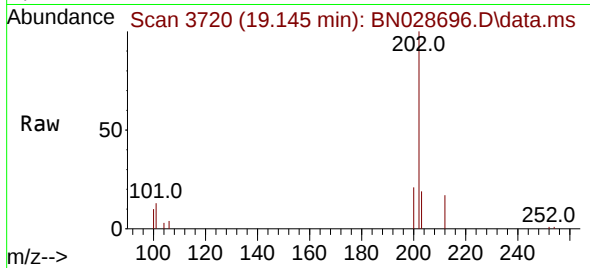
Tgt Ion:178 Resp: 15562
Ion Ratio Lower Upper
178 100
179 18.5 12.6 18.8
176 20.0 14.9 22.3





#19
Fluoranthene
Concen: 0.408 ng/u1
RT: 19.145 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

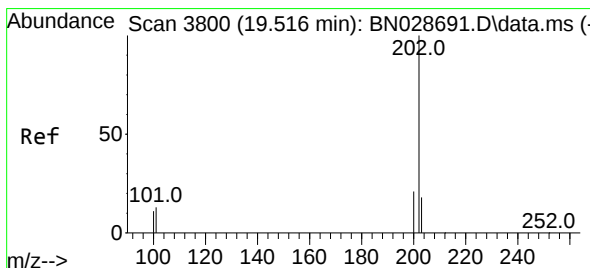
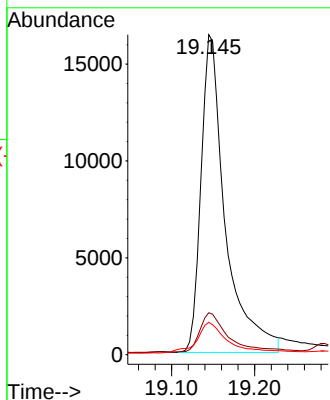
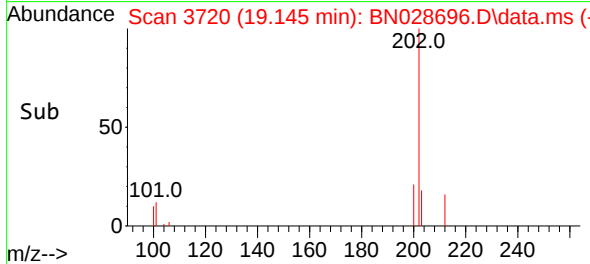
Instrument :
BNA_N
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GCDM5MSD



Tgt Ion:202 Resp: 3344
Ion Ratio Lower Upper
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100 10.1 7.2 10.8

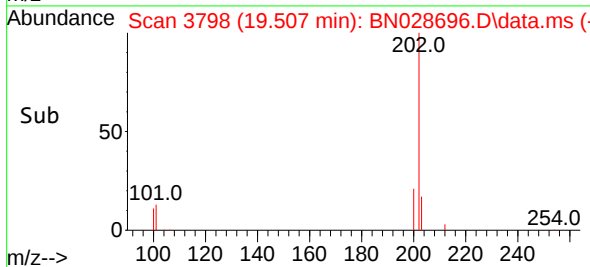
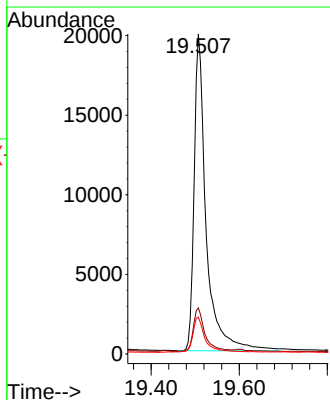
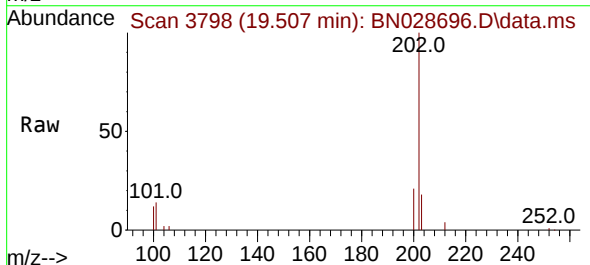
Manual Integrations
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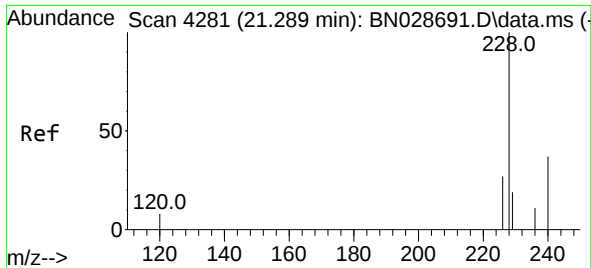
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.444 ng/u1
RT: 19.507 min Scan# 3798
Delta R.T. -0.009 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

Tgt Ion:202 Resp: 37704
Ion Ratio Lower Upper
202 100
101 14.4 10.3 15.5
100 11.5 8.2 12.2





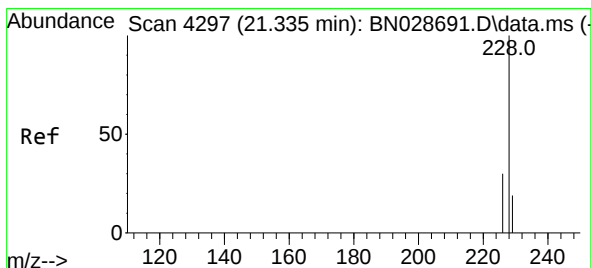
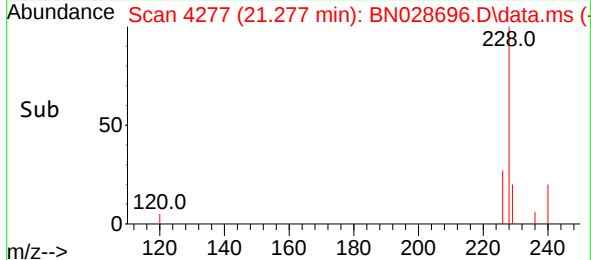
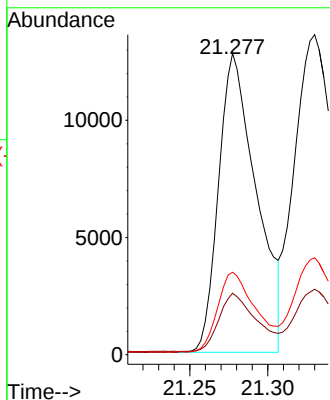
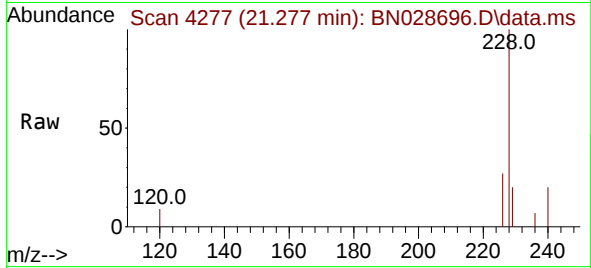
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Benzo(a)anthracene
Concen: 0.282 ng/ul
RT: 21.277 min Scan# 4281
Delta R.T. -0.011 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

Instrument :
BNA_N
ClientSampleId :
GCDM5MSD

Tgt Ion:228 Resp: 21528
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.3 21.4 32.0

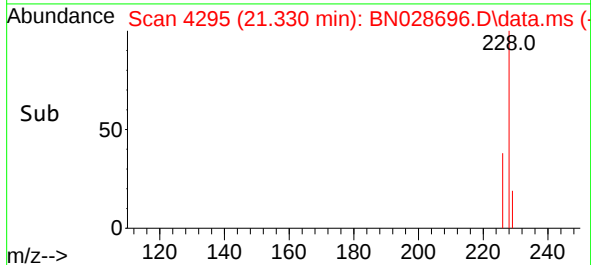
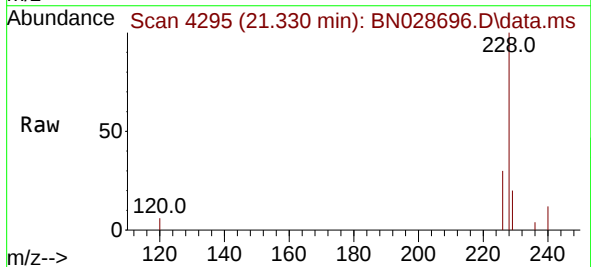
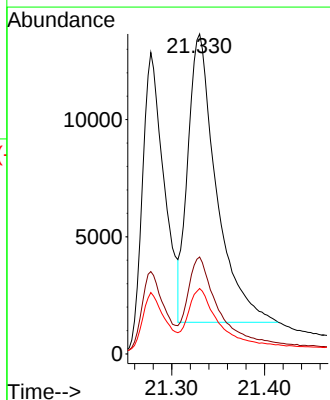
Manual Integrations
APPROVED

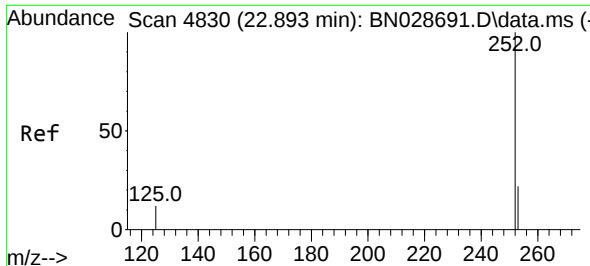
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.330 min Scan# 4295
Delta R.T. -0.005 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

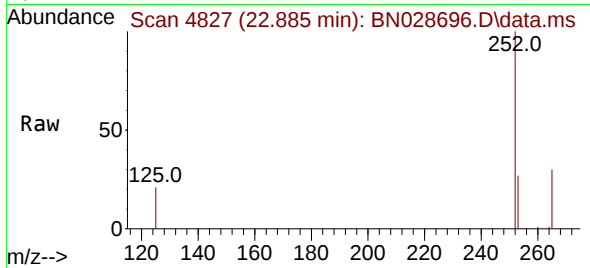
Tgt Ion:228 Resp: 26286
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.5 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.343 ng/ul
RT: 22.885 min Scan# 4827
Delta R.T. -0.008 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

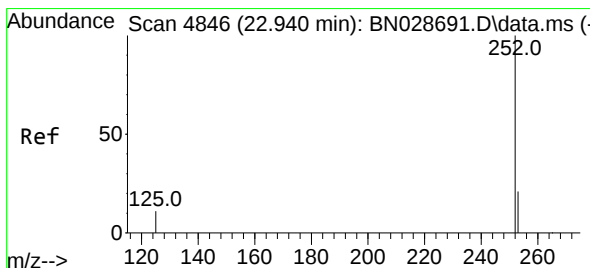
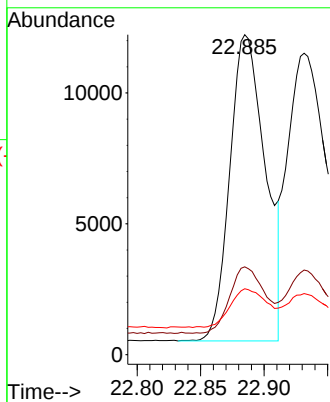
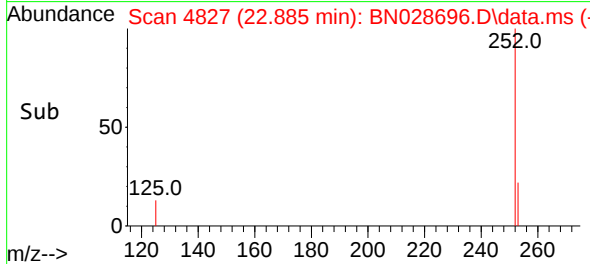
Instrument :
BNA_N
ClientSampleId :
GCDM5MSD



Tgt Ion:252 Resp: 22775
Ion Ratio Lower Upper
252 100
253 27.5 0.0 46.6
125 20.6 0.0 27.6

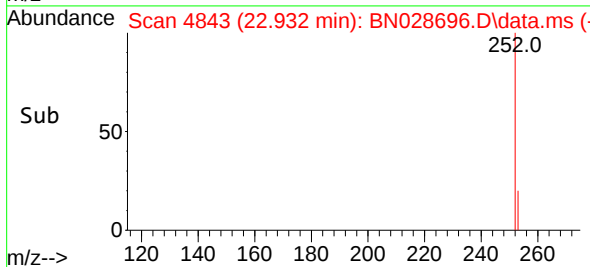
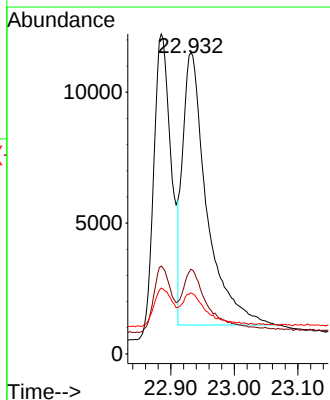
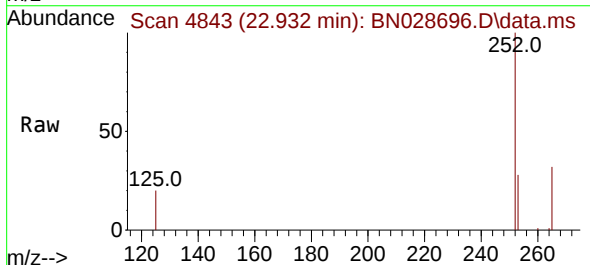
Manual Integrations
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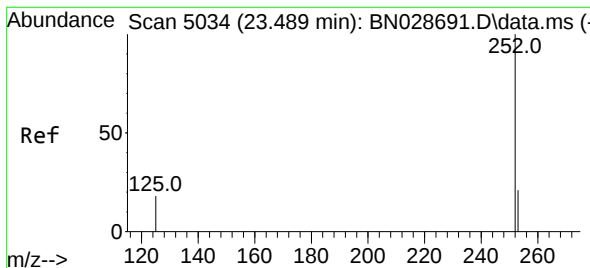
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 22.932 min Scan# 4843
Delta R.T. -0.008 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

Tgt Ion:252 Resp: 27520
Ion Ratio Lower Upper
252 100
253 28.1 18.6 28.0#
125 20.3 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.353 ng/ul

RT: 23.478 min Scan# 5034

Delta R.T. -0.011 min

Lab File: BN028696.D

Acq: 17 Nov 2023 11:29

Instrument :

BNA_N

ClientSampleId :

GCDM5MSD

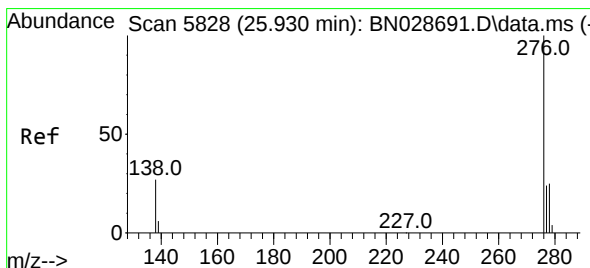
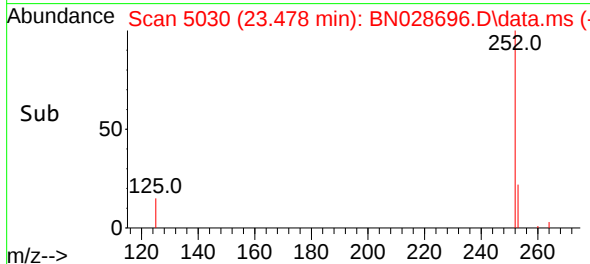
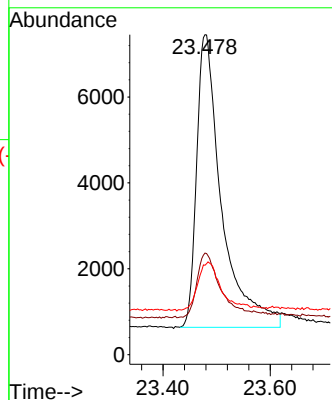
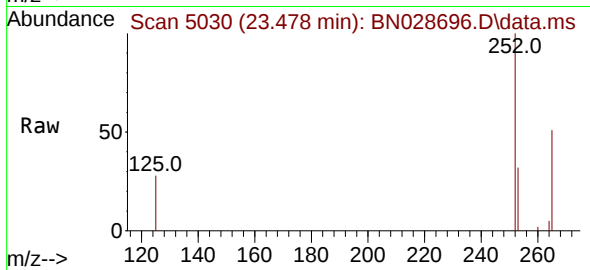
Tgt Ion:	252	Resp:	2211
Ion Ratio	Lower	Upper	
252	100		
253	31.7	19.0	28.6
125	27.9	13.2	19.8

Manual Integrations

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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: 0.380 ng/ul

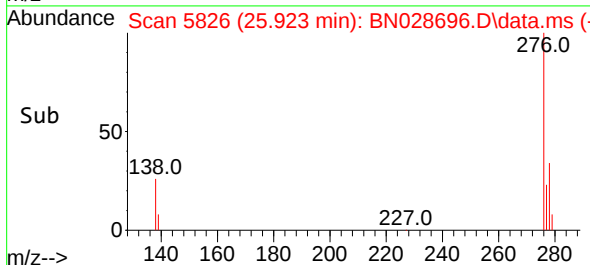
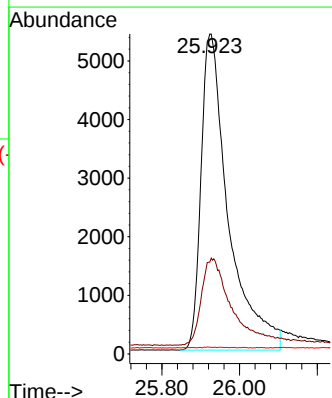
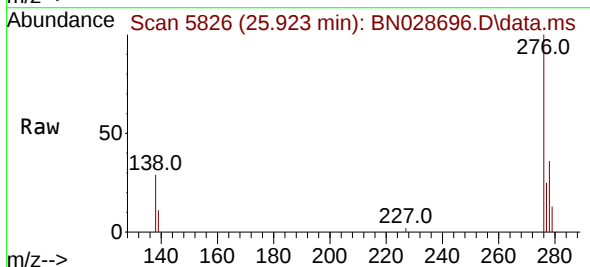
RT: 25.923 min Scan# 5826

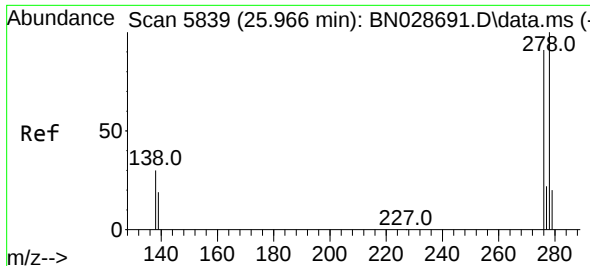
Delta R.T. -0.006 min

Lab File: BN028696.D

Acq: 17 Nov 2023 11:29

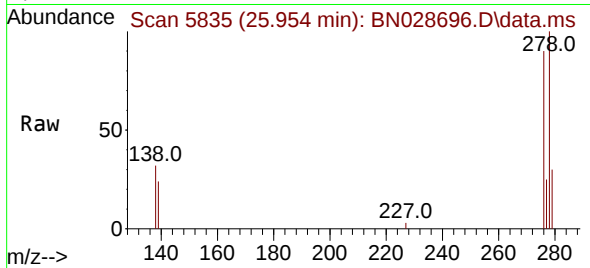
Tgt Ion:	276	Resp:	26411
Ion Ratio	Lower	Upper	
276	100		
138	30.4	23.8	35.6
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.374 ng/ul
RT: 25.954 min Scan# 5835
Delta R.T. -0.013 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

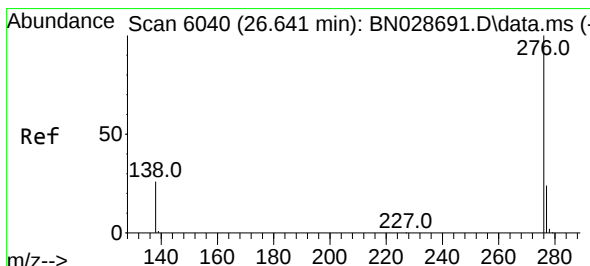
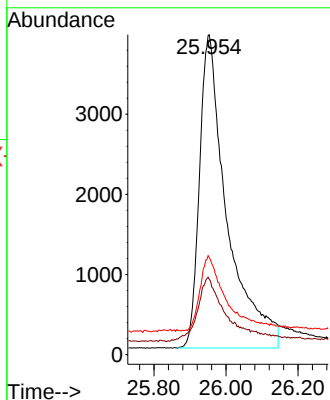
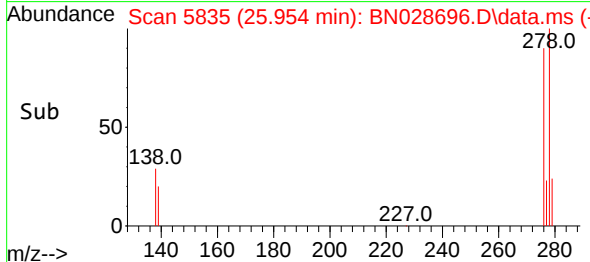
Instrument :
BNA_N
ClientSampleId :
GCDM5MSD



Tgt Ion: 278 Resp: 20790
Ion Ratio Lower Upper
278 100
139 23.6 18.2 27.4
279 30.4 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: 0.420 ng/ul
RT: 26.631 min Scan# 6037
Delta R.T. -0.010 min
Lab File: BN028696.D
Acq: 17 Nov 2023 11:29

Tgt Ion: 276 Resp: 23939
Ion Ratio Lower Upper
276 100
138 28.5 20.5 30.7
277 25.6 19.4 29.0

