

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028653.D
 Acq On : 16 Nov 2023 06:53
 Operator : MA/JU
 Sample : 05337-21MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDK5MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 14:03:59 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	7.784	152	5009m	0.400	ng/ul	0.11
4) Naphthalene-d8	10.492	136	18169m	0.400	ng/ul	0.03
9) Acenaphthene-d10	14.327	164	13053	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	20984	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.290	240	21795	0.400	ng/ul	# 0.00
23) Perylene-d12	23.576	264	23061	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	2028m	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.098	152	4773	0.174	ng/ul	0.03
18) Fluoranthene-d10	19.115	212	27091	0.386	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	11107m	1.815	ng/ul	
5) Naphthalene	10.541	128	12795	0.251	ng/ul#	92
7) 2-Methylnaphthalene	12.164	142	5090	0.152	ng/ul	98
8) 1-Methylnaphthalene	12.367	142	8882	0.261	ng/ul	99
10) Acenaphthylene	14.045	152	18805	0.289	ng/ul	97
11) Acenaphthene	14.387	153	14929	0.311	ng/ul	98
12) Fluorene	15.387	166	14190	0.254	ng/ul	98
14) Pentachlorophenol	16.733	266	5118	1.016	ng/ul	100
15) Phenanthrene	17.125	178	24390	0.378	ng/ul	98
16) Anthracene	17.222	178	15648	0.265	ng/ul	96
19) Fluoranthene	19.147	202	35015	0.378	ng/ul	100
20) Pyrene	19.510	202	40051	0.417	ng/ul	98
21) Benzo(a)anthracene	21.275	228	25840	0.300	ng/ul	99
22) Chrysene	21.328	228	31362	0.372	ng/ul	99
24) Benzo(b)fluoranthene	22.886	252	30041	0.347	ng/ul	92
25) Benzo(k)fluoranthene	22.932	252	36744	0.405	ng/ul	94
26) Benzo(a)pyrene	23.476	252	30111	0.369	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.924	276	38733	0.427	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.951	278	30736	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.635	276	34572	0.465	ng/ul	99

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

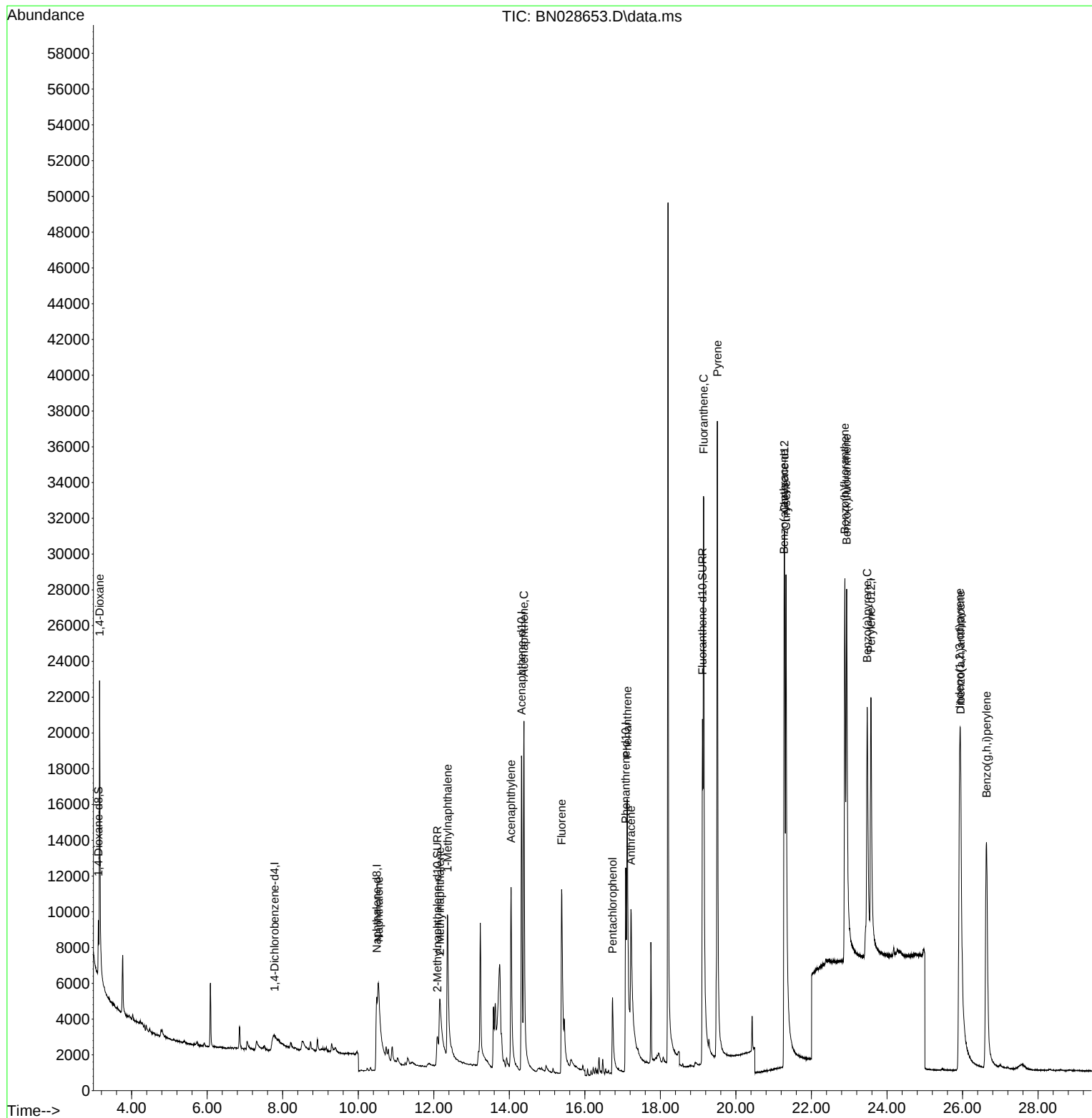
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028653.D
Acq On : 16 Nov 2023 06:53
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ALS Vial : 22 Sample Multiplier: 1

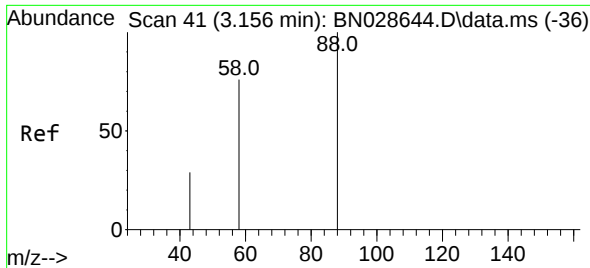
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD

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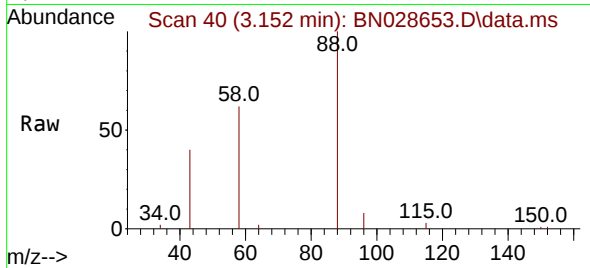
Quant Time: Nov 16 14:03:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 16 07:25:53 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.815 ng/ul m
RT: 3.152 min Scan# 40
Delta R.T. 0.004 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

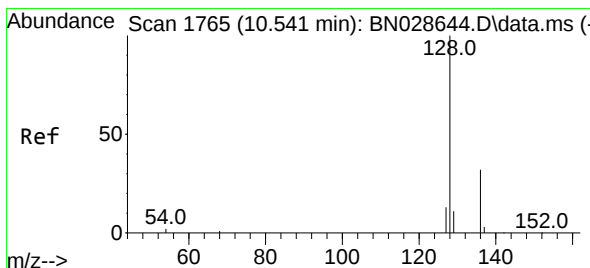
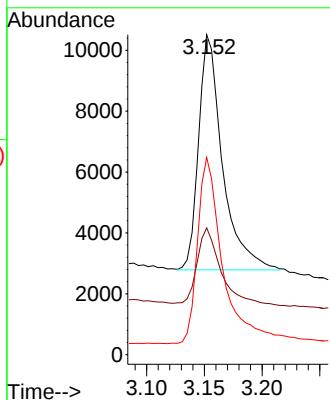
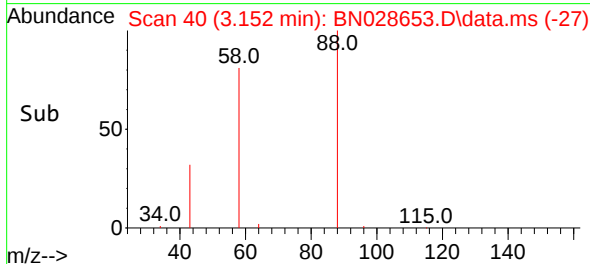
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD



Tgt Ion: 88 Resp: 1110
Ion Ratio Lower Upper
88 100
43 39.7 32.9 49.3
58 61.7 41.8 62.8

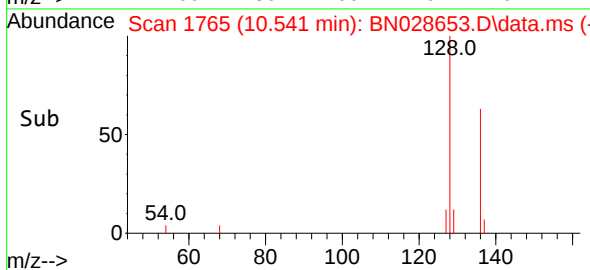
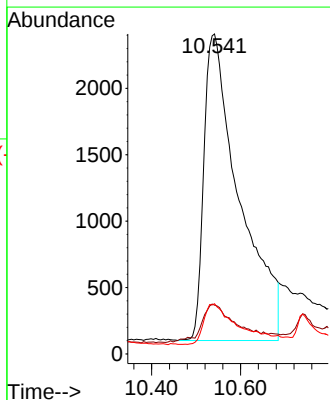
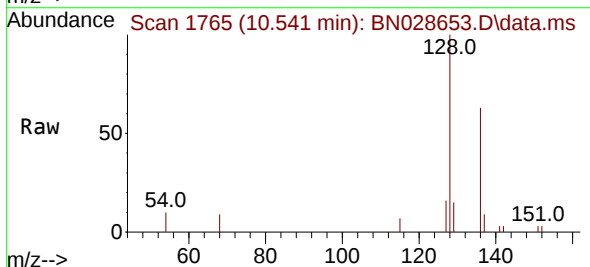
Manual Integrations
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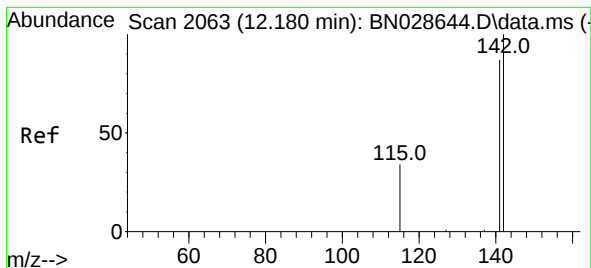
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.251 ng/ul
RT: 10.541 min Scan# 1765
Delta R.T. 0.033 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

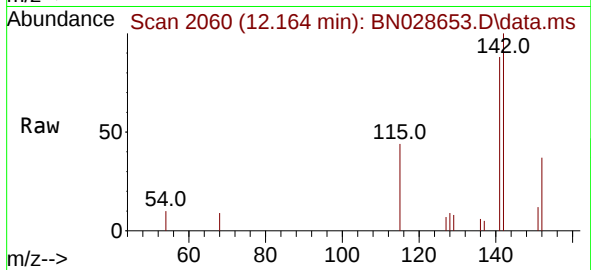
Tgt Ion:128 Resp: 12795
Ion Ratio Lower Upper
128 100
129 15.3 9.2 13.8#
127 15.7 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.164 min Scan# 2060
Delta R.T. 0.027 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

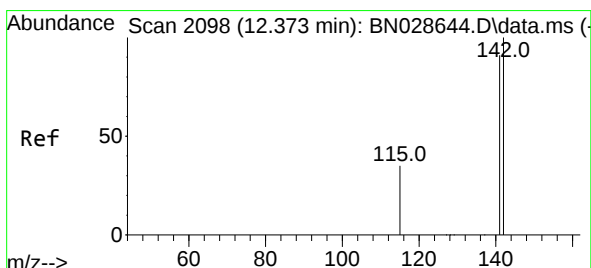
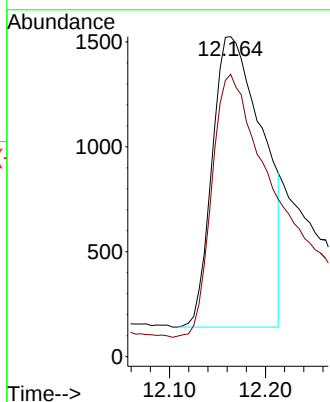
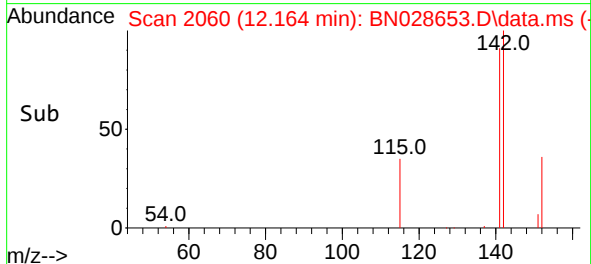
Instrument :
BNA_N
ClientSampleId :
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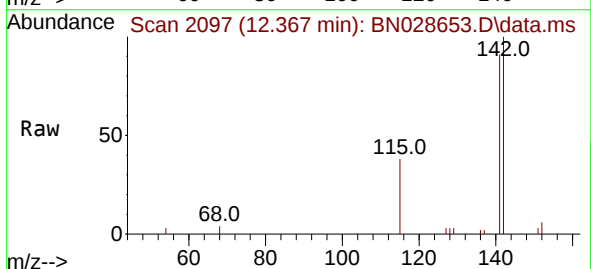
Tgt Ion:142 Resp: 5090
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2

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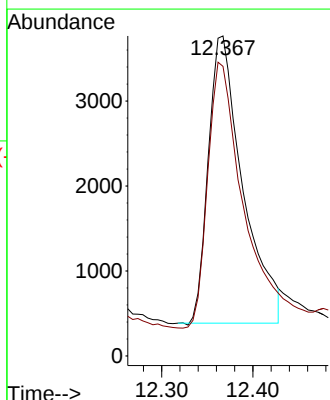
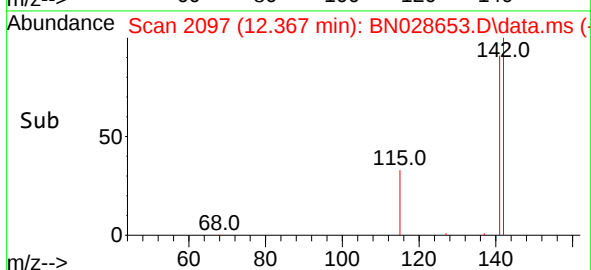
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

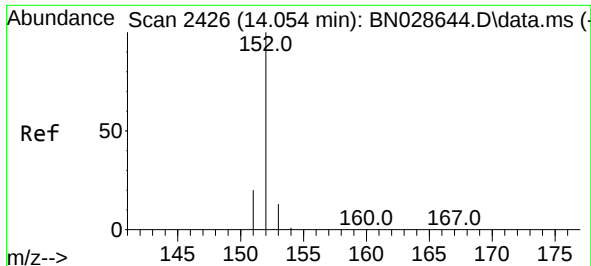


#8
1-Methylnaphthalene
Concen: 0.261 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. 0.016 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53



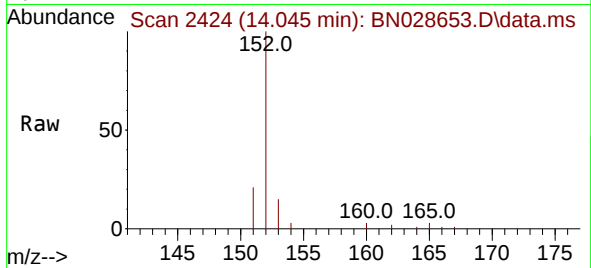
Tgt Ion:142 Resp: 8882
Ion Ratio Lower Upper
142 100
141 94.0 74.1 111.1





#10
Acenaphthylene
Concen: 0.289 ng/ul
RT: 14.045 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

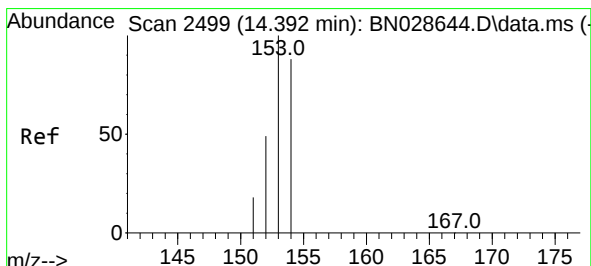
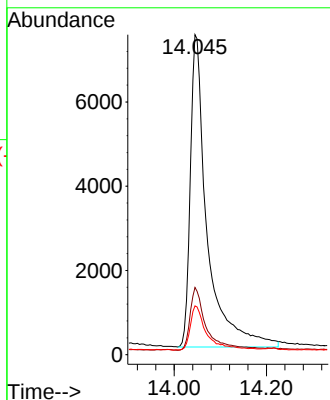
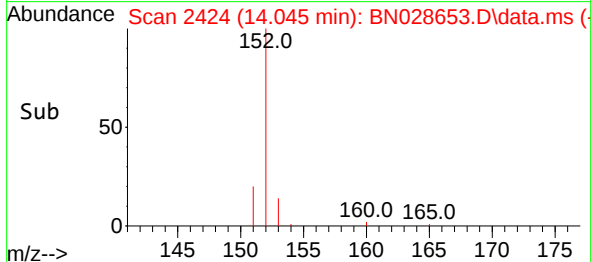
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD



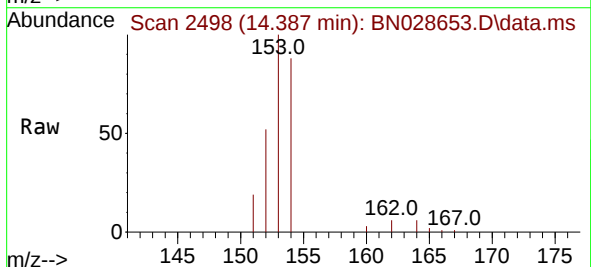
Tgt Ion:152 Resp: 1880
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 15.3 10.6 15.8

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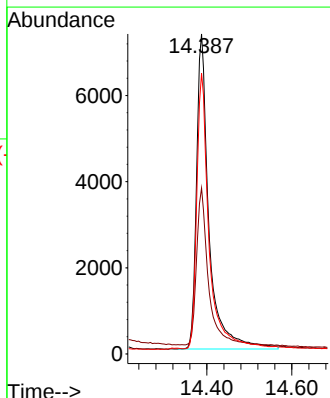
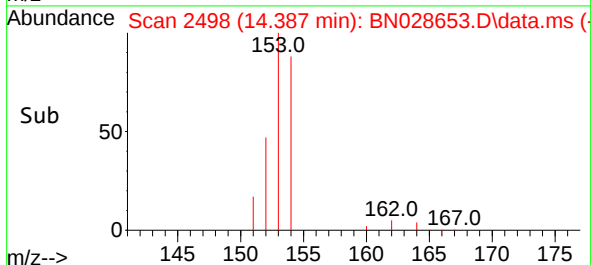
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

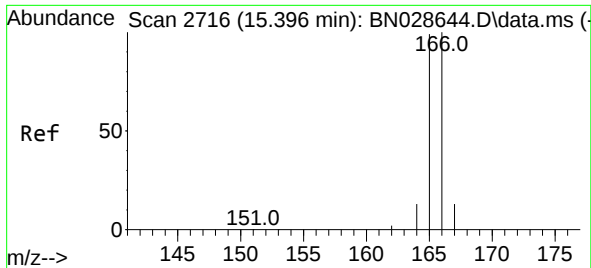


#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.387 min Scan# 2498
Delta R.T. 0.005 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53



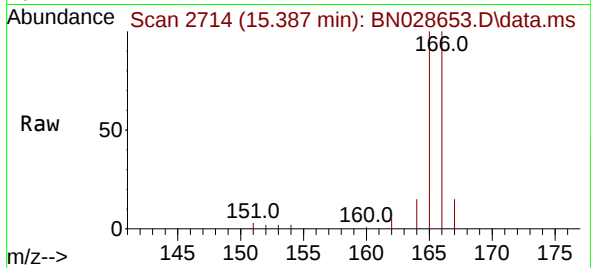
Tgt Ion:153 Resp: 14929
Ion Ratio Lower Upper
153 100
152 51.8 39.6 59.4
154 87.7 71.0 106.6





#12
Fluorene
Concen: 0.254 ng/ul
RT: 15.387 min Scan# 2714
Delta R.T. 0.009 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

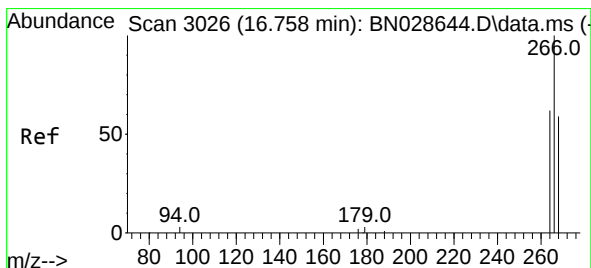
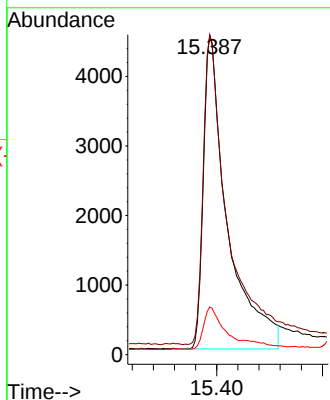
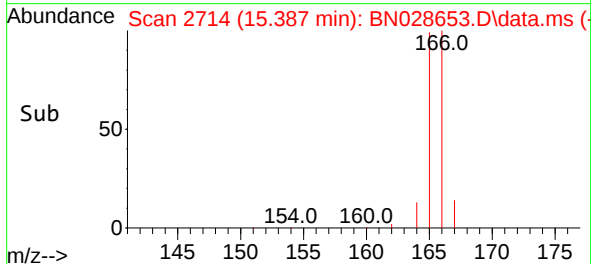
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD



Tgt Ion:166 Resp: 14190
Ion Ratio Lower Upper
166 100
165 100.3 78.6 118.0
167 14.9 11.0 16.6

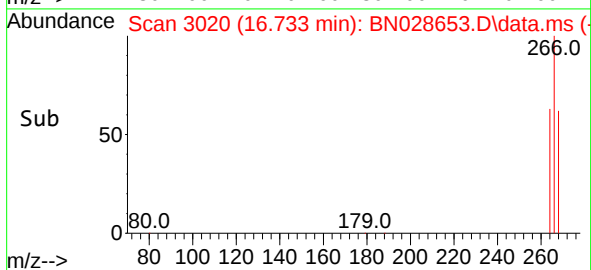
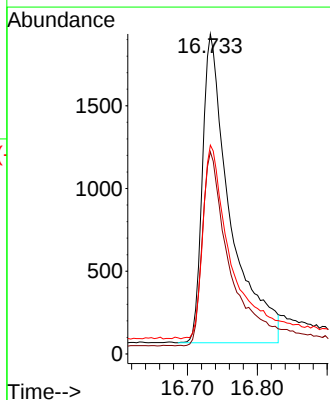
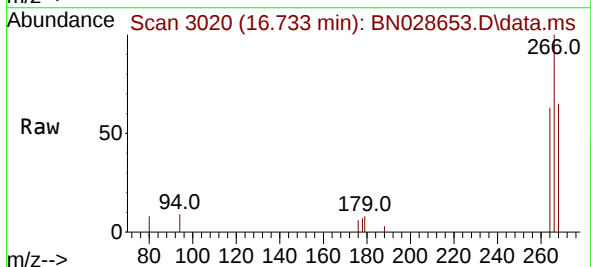
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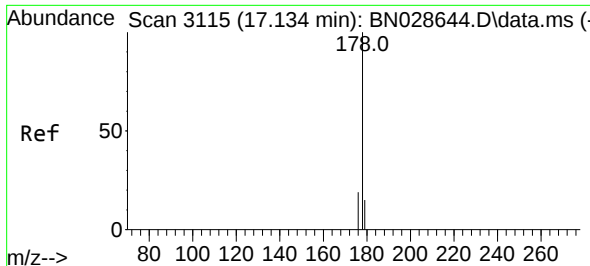
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 1.016 ng/ul
RT: 16.733 min Scan# 3020
Delta R.T. -0.008 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

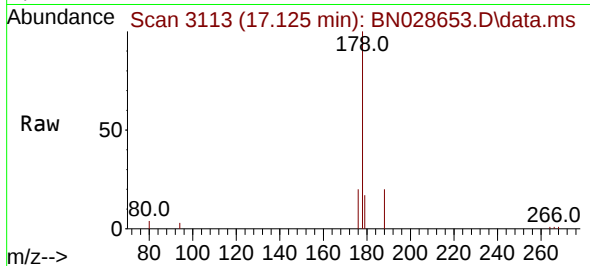
Tgt Ion:266 Resp: 5118
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 63.0 50.6 75.8





#15
Phenanthrene
Concen: 0.378 ng/u1
RT: 17.125 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

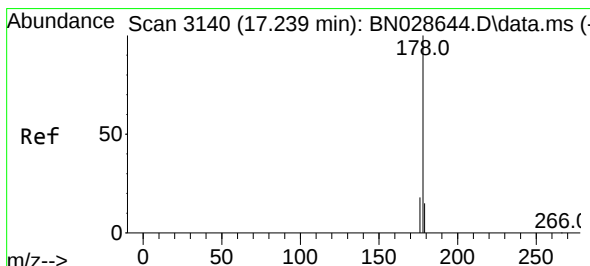
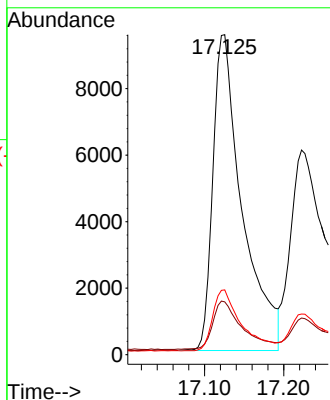
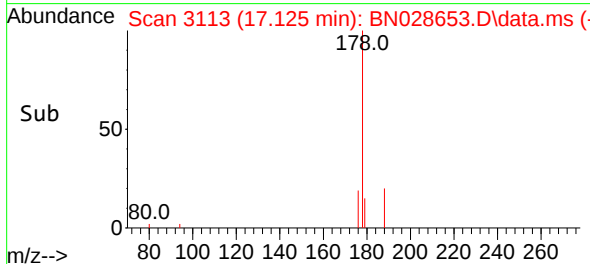
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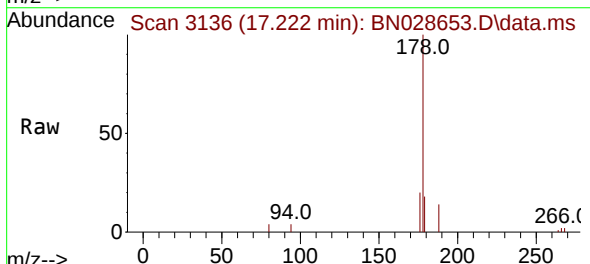
Tgt Ion:178 Resp: 24390
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 20.2 15.4 23.2

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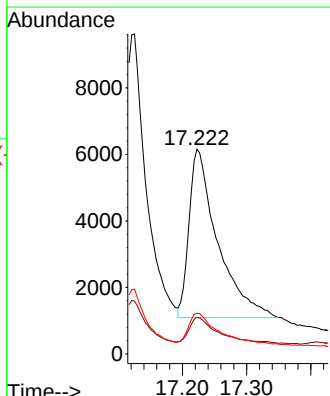
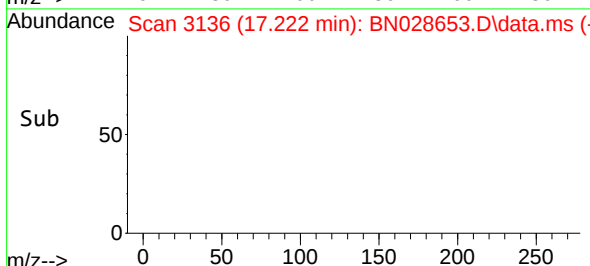
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

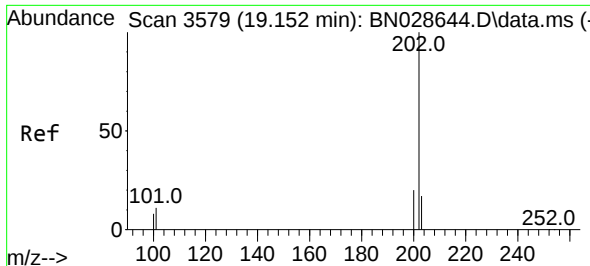


#16
Anthracene
Concen: 0.265 ng/u1
RT: 17.222 min Scan# 3136
Delta R.T. 0.008 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53



Tgt Ion:178 Resp: 15648
Ion Ratio Lower Upper
178 100
179 17.9 12.6 18.8
176 19.9 14.9 22.3





#19
Fluoranthene
Concen: 0.378 ng/u1
RT: 19.147 min Scan# 3579
Delta R.T. -0.000 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

Instrument :

BNA_N

ClientSampleId :

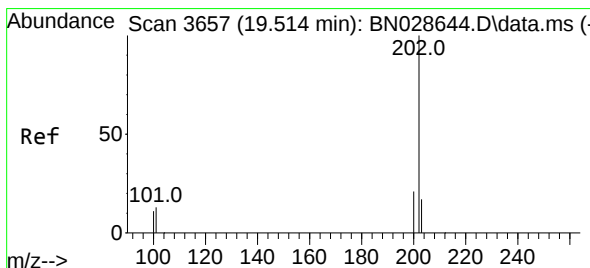
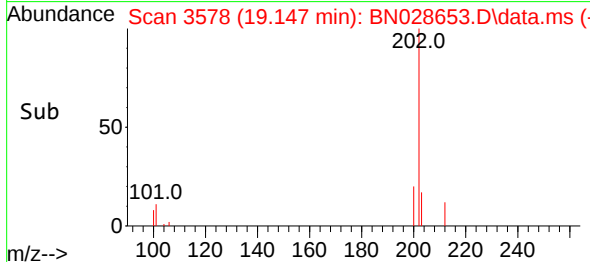
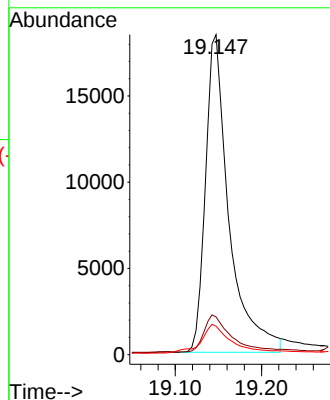
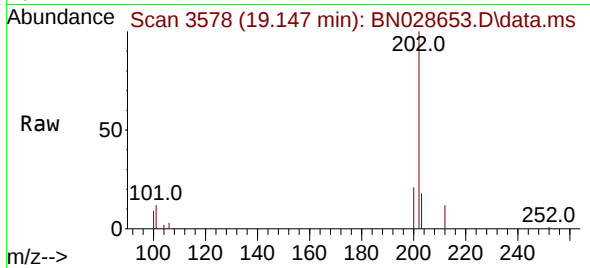
GCDK5MSD

Tgt Ion:202 Resp: 3501
Ion Ratio Lower Upper
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101 11.8 9.5 14.3
100 8.9 7.2 10.8

Manual Integrations

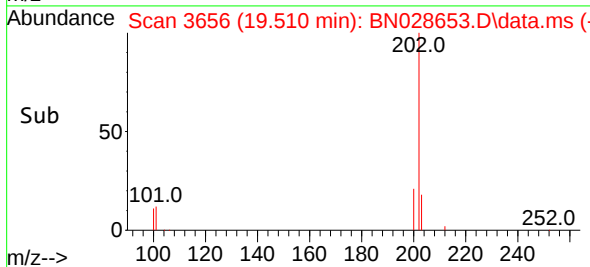
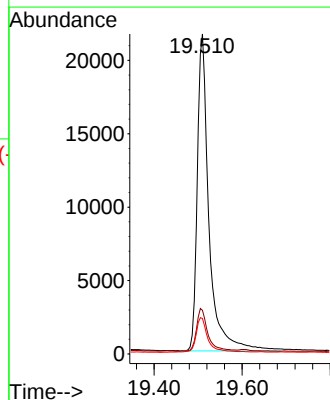
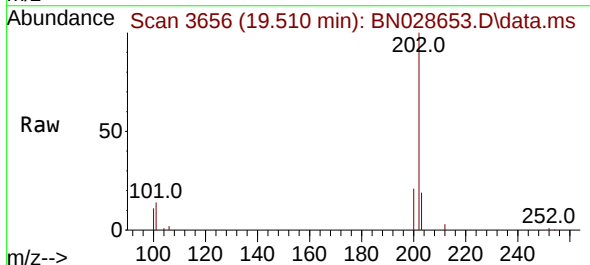
APPROVED

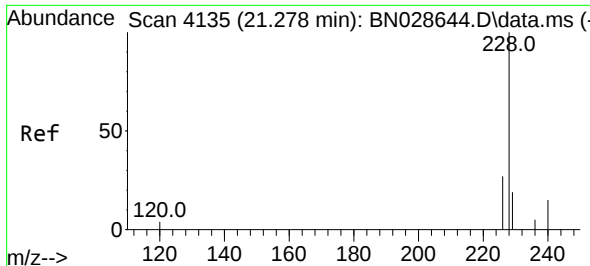
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.417 ng/u1
RT: 19.510 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

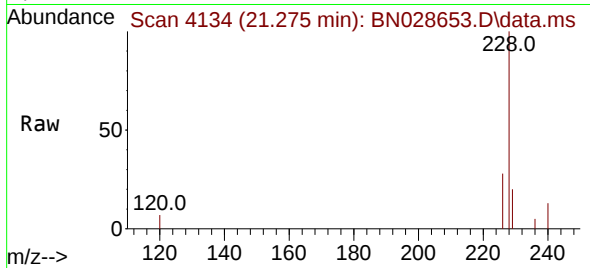
Tgt Ion:202 Resp: 40051
Ion Ratio Lower Upper
202 100
101 13.7 10.3 15.5
100 11.1 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.300 ng/u1
RT: 21.275 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

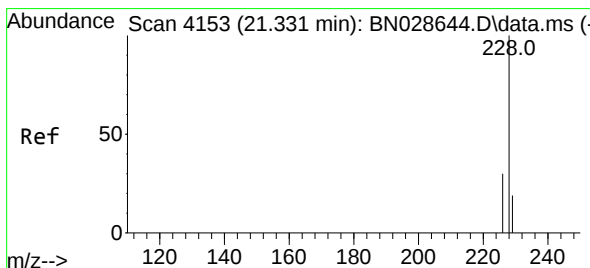
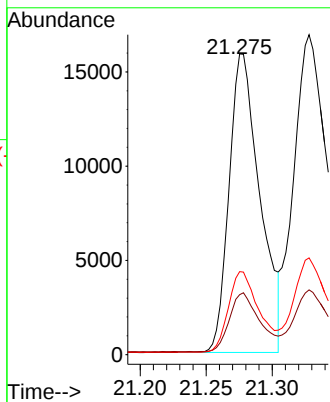
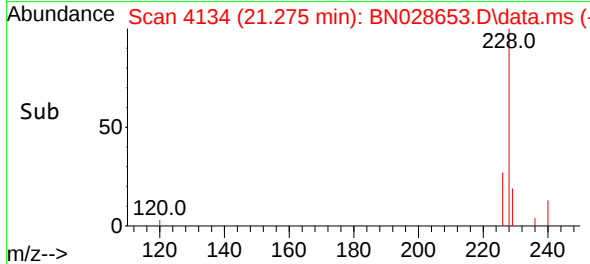
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD



Tgt Ion:228 Resp: 25840
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.6 21.4 32.0

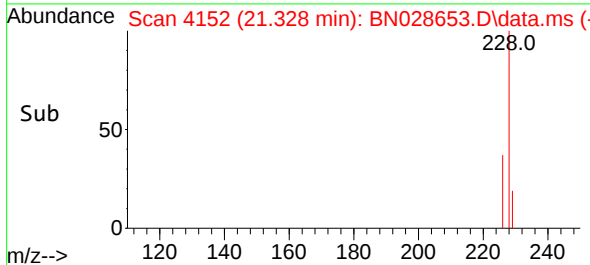
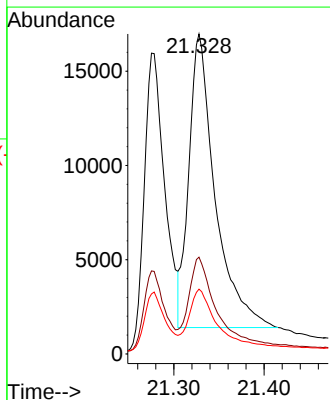
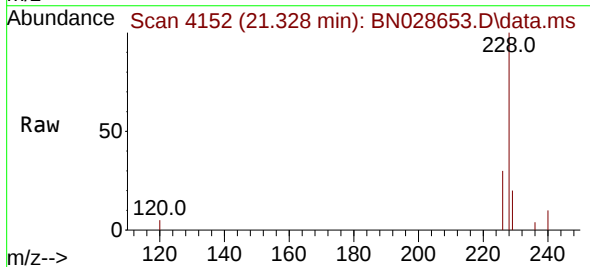
Manual Integrations
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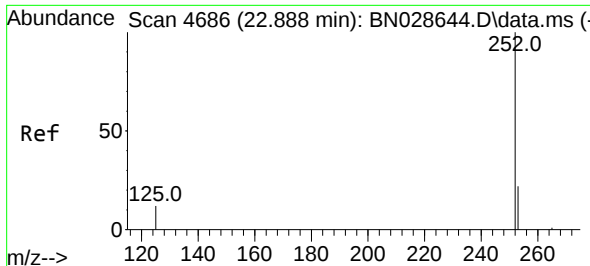
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.372 ng/u1
RT: 21.328 min Scan# 4152
Delta R.T. -0.006 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

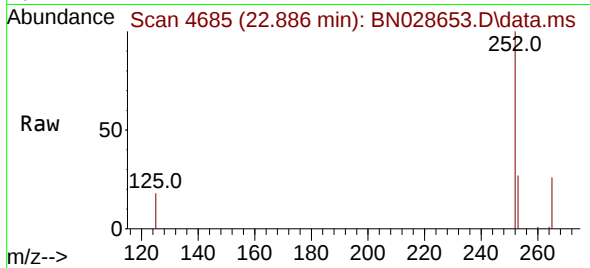
Tgt Ion:228 Resp: 31362
Ion Ratio Lower Upper
228 100
226 30.3 23.8 35.8
229 20.3 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 22.886 min Scan# 4686
Delta R.T. -0.009 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

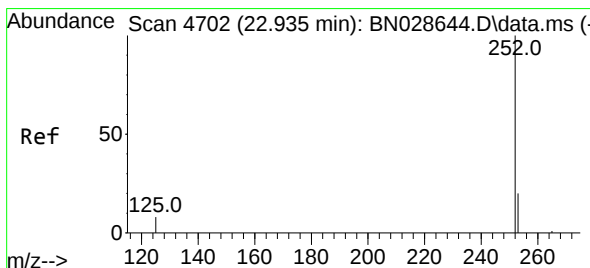
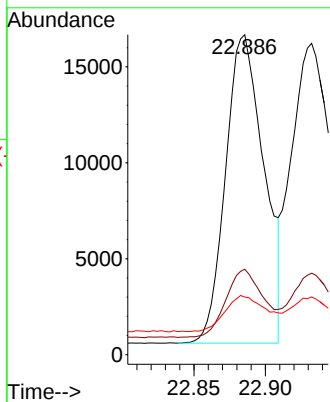
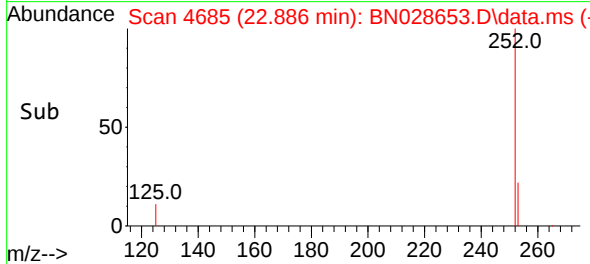
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD



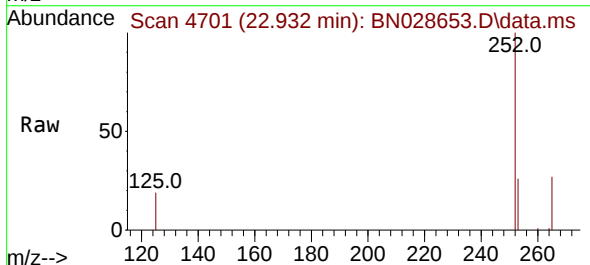
Tgt Ion:252 Resp: 3004
Ion Ratio Lower Upper
252 100
253 26.7 0.0 46.6
125 18.0 0.0 27.6

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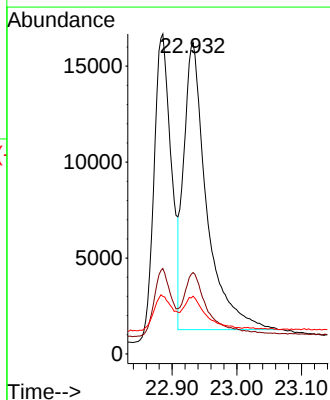
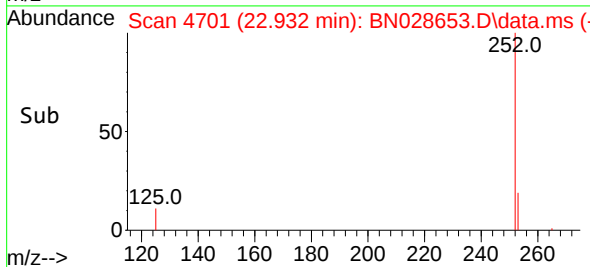
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

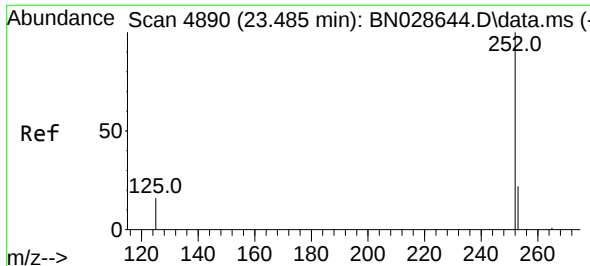


#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul
RT: 22.932 min Scan# 4701
Delta R.T. -0.009 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53



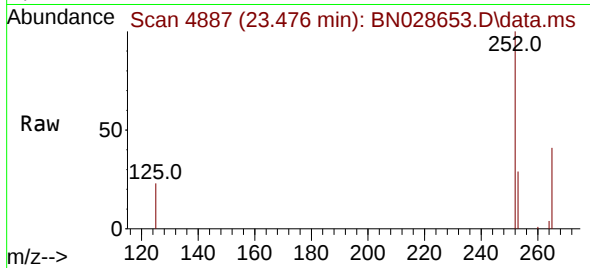
Tgt Ion:252 Resp: 36744
Ion Ratio Lower Upper
252 100
253 26.2 18.6 28.0
125 18.6 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.476 min Scan# 4887
Delta R.T. -0.012 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

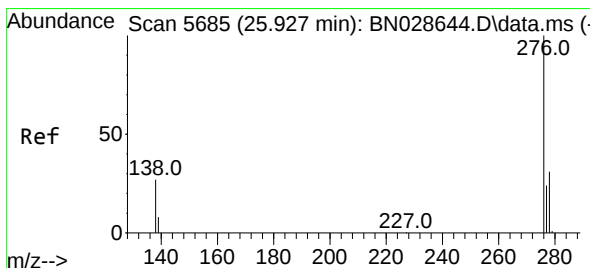
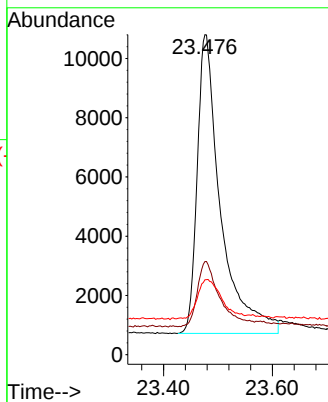
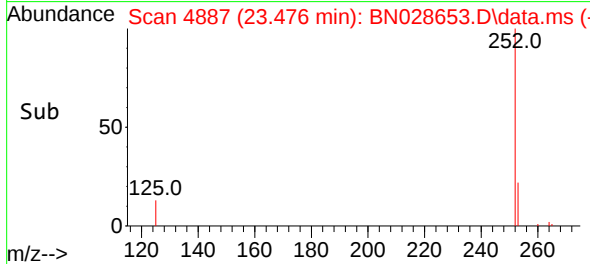
Instrument :
BNA_N
ClientSampleId :
GCDK5MSD



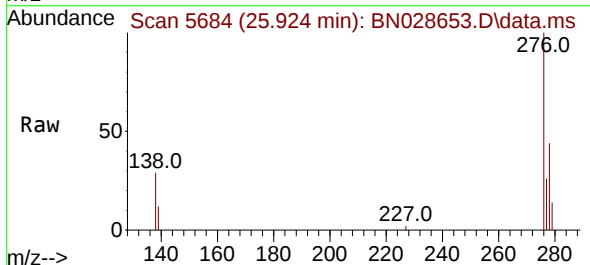
Tgt Ion:252 Resp: 3011
Ion Ratio Lower Upper
252 100
253 29.1 19.0 28.6
125 23.4 13.2 19.8

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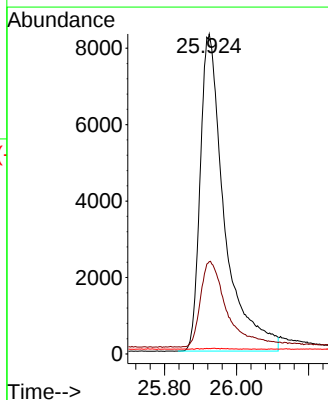
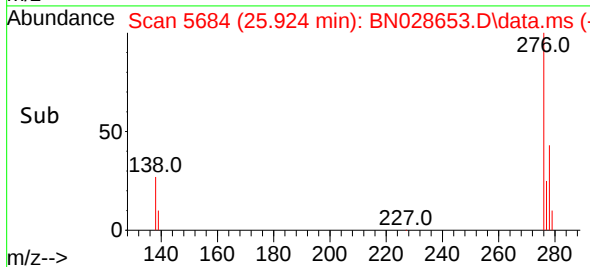
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

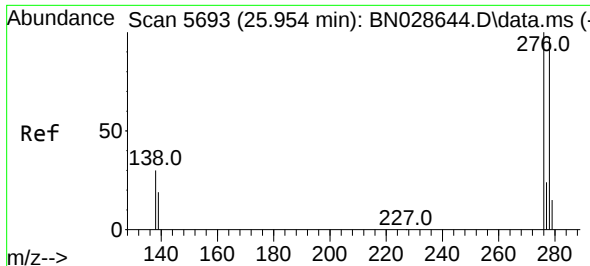


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.427 ng/ul
RT: 25.924 min Scan# 5684
Delta R.T. -0.017 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53



Tgt Ion:276 Resp: 38733
Ion Ratio Lower Upper
276 100
138 29.8 23.8 35.6
227 0.1 0.1 0.1





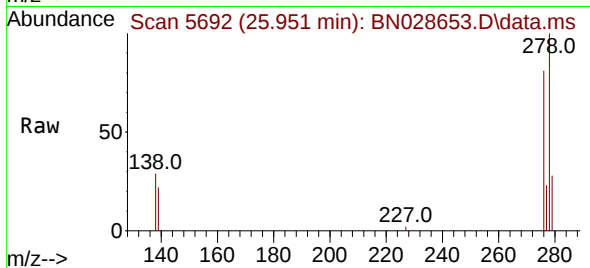
#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 25.951 min Scan# 5693
Delta R.T. -0.013 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53

Instrument :

BNA_N

ClientSampleId :

GCDK5MSD

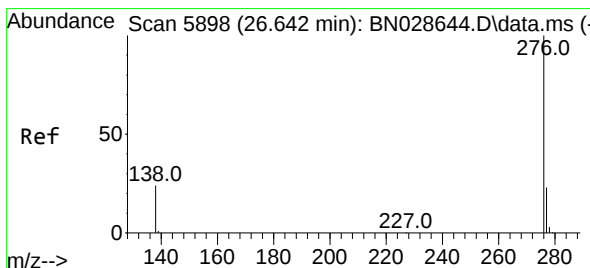
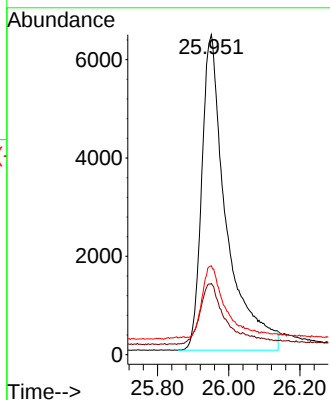
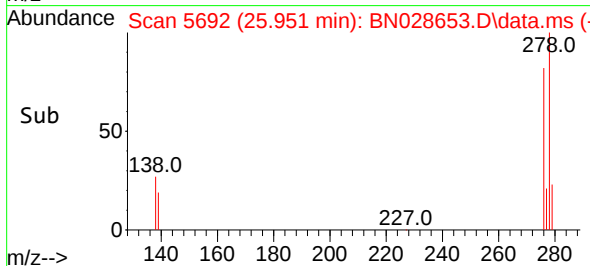


Tgt Ion:278 Resp: 30730
Ion Ratio Lower Upper
278 100
139 22.2 18.2 27.4
279 27.8 20.7 31.1

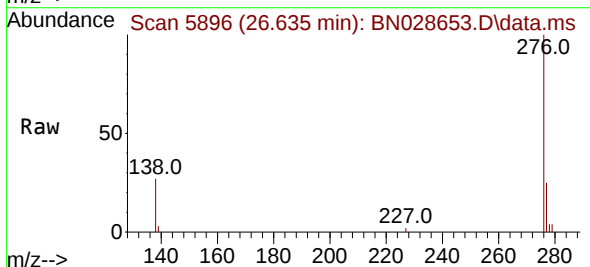
Manual Integrations

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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: 0.465 ng/ul
RT: 26.635 min Scan# 5896
Delta R.T. -0.017 min
Lab File: BN028653.D
Acq: 16 Nov 2023 06:53



Tgt Ion:276 Resp: 34572
Ion Ratio Lower Upper
276 100
138 26.7 20.5 30.7
277 24.5 19.4 29.0

