

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028773.D
 Acq On : 19 Nov 2023 12:50
 Operator : MA/JU
 Sample : 05370-12MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GCDQ6MSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 01:37:30 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 : Mon Nov 20 01:23:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	5305m	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.506	136	15865	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.321	164	10424	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	16570	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	12438	0.400	ng/ul	# 0.00
23) Perylene-d12	23.572	264	11206	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2426	0.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	6098	0.255	ng/ul	-0.01
18) Fluoranthene-d10	19.113	212	30099	0.752	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.150	88	6773	1.045	ng/ul#	93
5) Naphthalene	10.556	128	16540	0.372	ng/ul	96
7) 2-Methylnaphthalene	12.189	142	7391	0.252	ng/ul	98
8) 1-Methylnaphthalene	12.371	142	10244	0.344	ng/ul	100
10) Acenaphthylene	14.048	152	22731	0.437	ng/ul	98
11) Acenaphthene	14.381	153	18327	0.479	ng/ul	98
12) Fluorene	15.394	166	17454	0.392	ng/ul	99
14) Pentachlorophenol	16.735	266	4367	1.098	ng/ul	100
15) Phenanthrene	17.128	178	27659	0.543	ng/ul	99
16) Anthracene	17.237	178	16151	0.346	ng/ul	97
19) Fluoranthene	19.145	202	35651	0.674	ng/ul	98
20) Pyrene	19.508	202	39367	0.718	ng/ul	97
21) Benzo(a)anthracene	21.278	228	19393	0.394	ng/ul	98
22) Chrysene	21.331	228	26335	0.548	ng/ul	99
24) Benzo(b)fluoranthene	22.885	252	22864	0.544	ng/ul	91
25) Benzo(k)fluoranthene	22.929	252	27563	0.626	ng/ul	94
26) Benzo(a)pyrene	23.476	252	22447	0.565	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.924	276	28757	0.653	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.947	278	22156	0.629	ng/ul	96
29) Benzo(g,h,i)perylene	26.628	276	25490	0.706	ng/ul	97

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

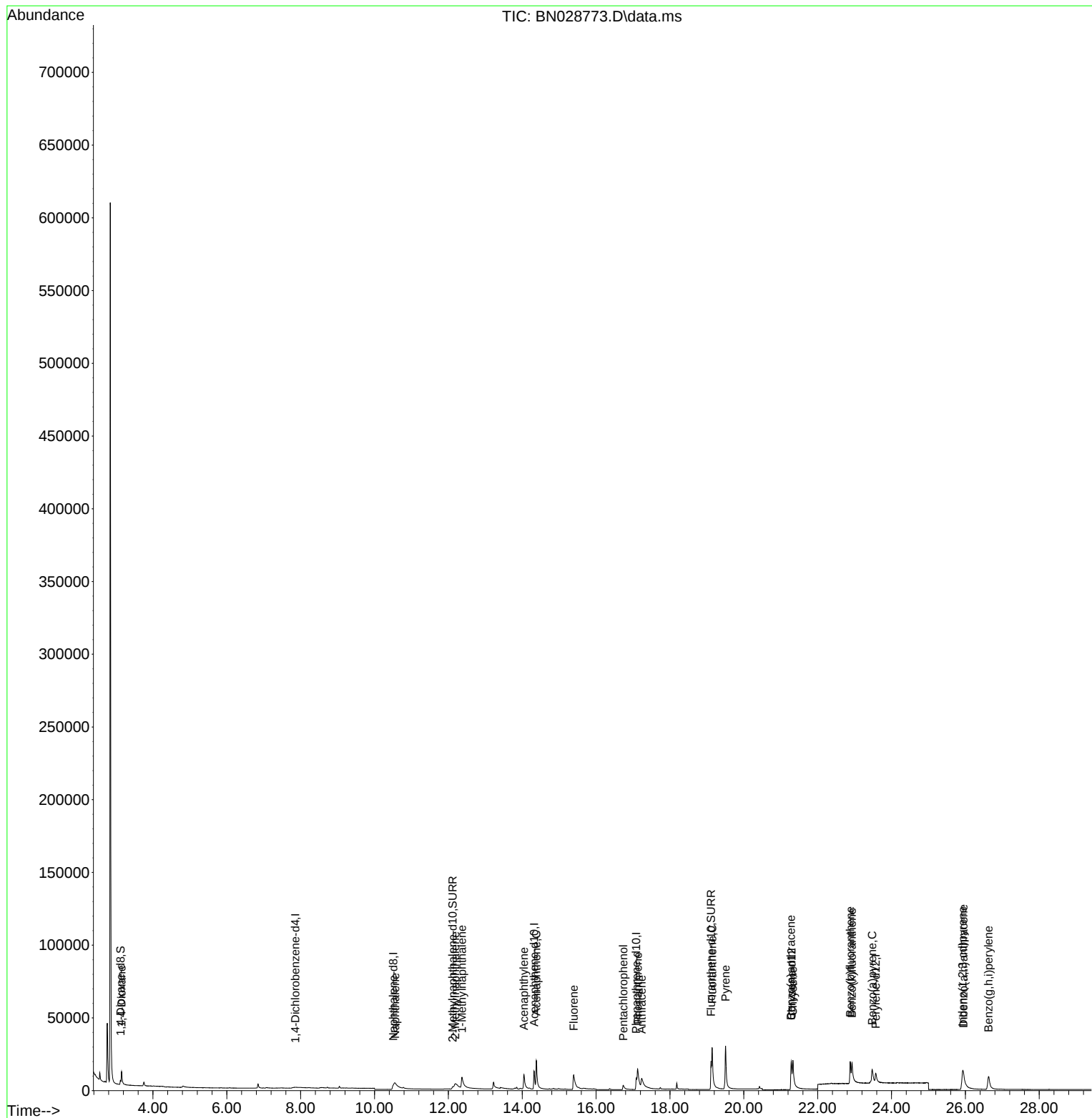
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028773.D
Acq On : 19 Nov 2023 12:50
Operator : MA/JU
Sample : 05370-12MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

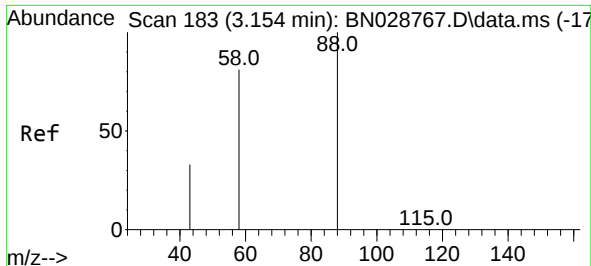
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD

Manual Integrations
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Supervised By :mohammad ahmed 11/20/2023

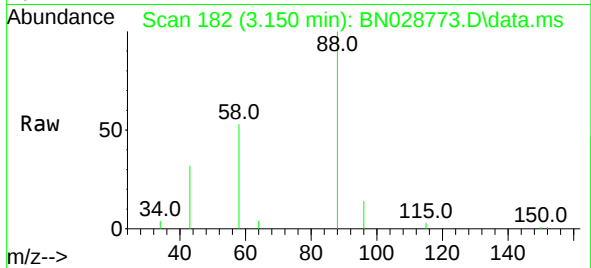
Quant Time: Nov 20 01:37:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 20 01:23:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.045 ng/ul
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

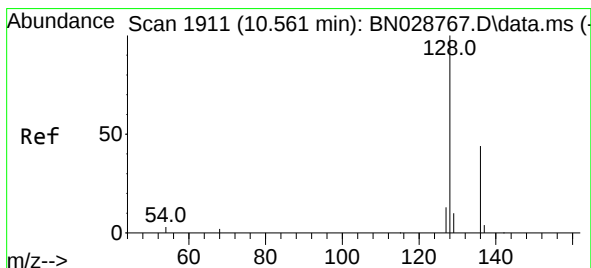
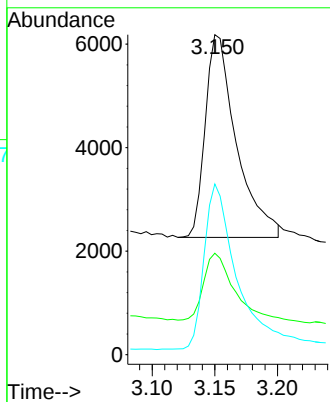
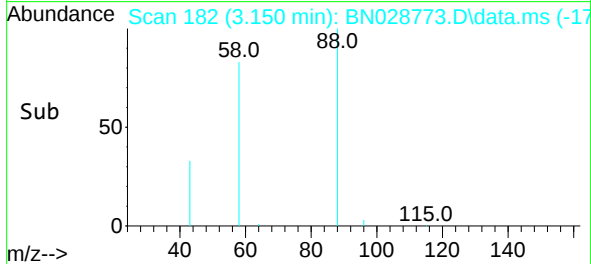
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



Tgt Ion: 88 Resp: 6773
Ion Ratio Lower Upper
88 100
43 31.7 32.9 49.3
58 53.4 41.8 62.8

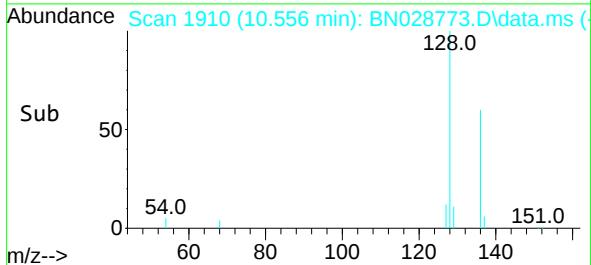
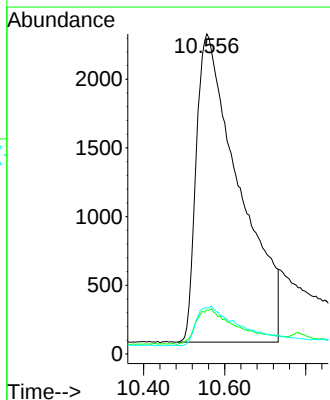
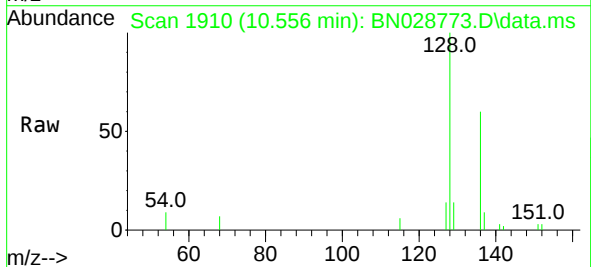
Manual Integrations
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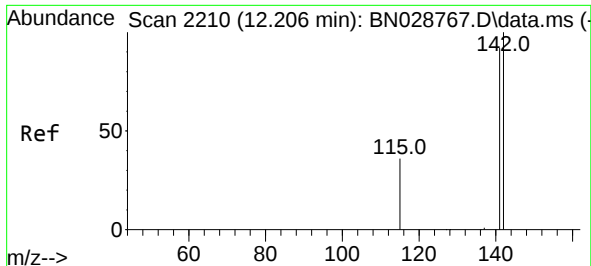
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.556 min Scan# 1910
Delta R.T. -0.005 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

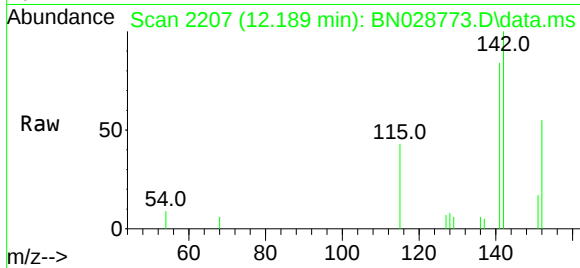
Tgt Ion:128 Resp: 16540
Ion Ratio Lower Upper
128 100
129 13.7 9.2 13.8
127 14.4 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.189 min Scan# 2107
Delta R.T. -0.016 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

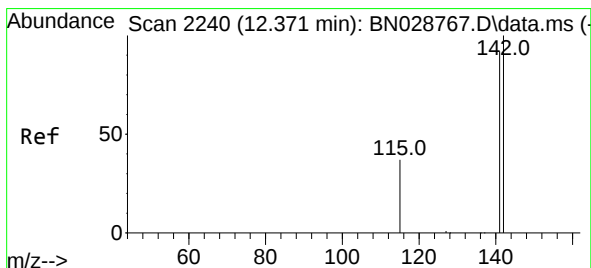
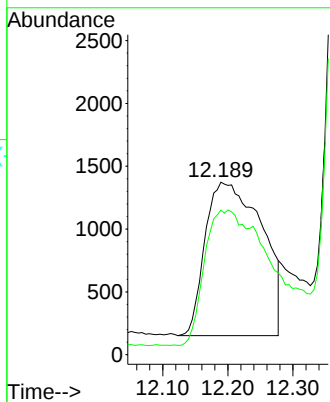
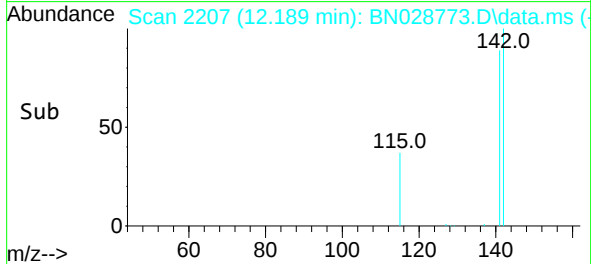
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



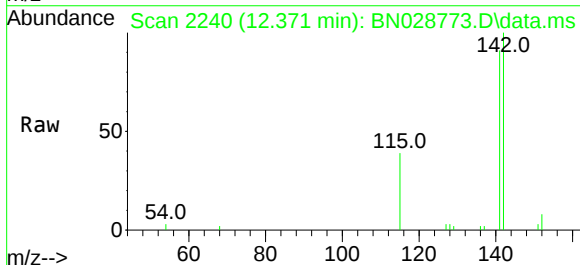
Tgt Ion:142 Resp: 739
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2

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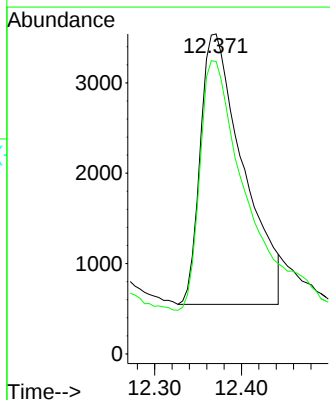
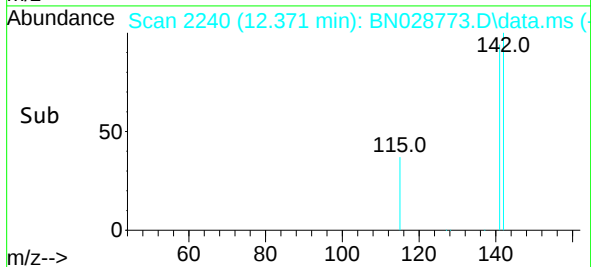
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

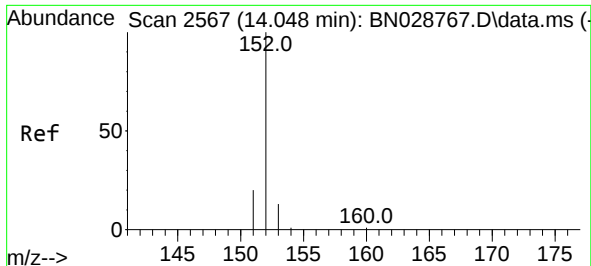


#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.371 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50



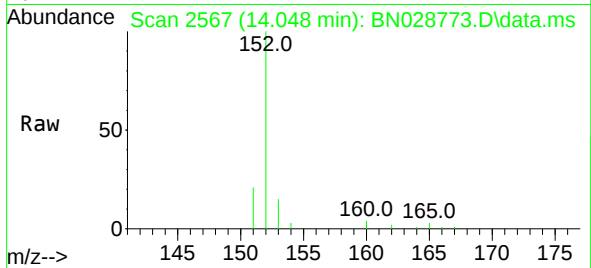
Tgt Ion:142 Resp: 10244
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1





#10
Acenaphthylene
Concen: 0.437 ng/ul
RT: 14.048 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

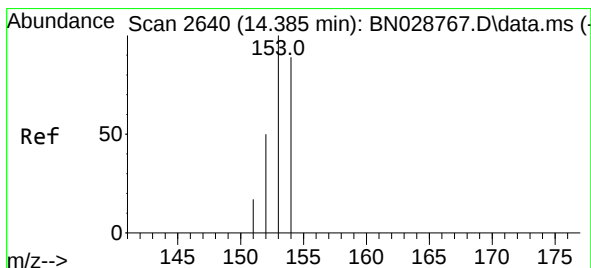
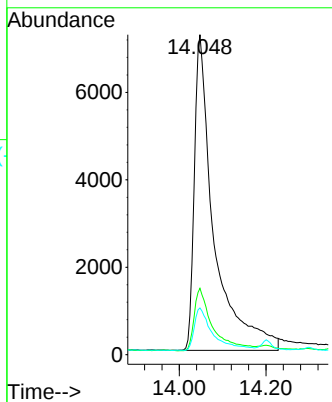
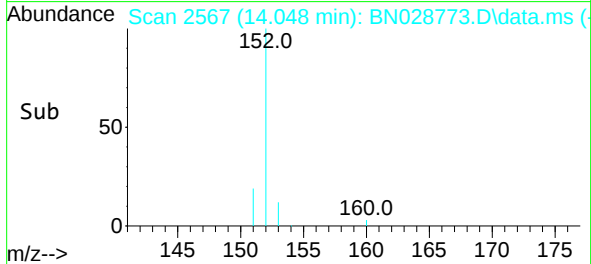
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



Tgt Ion:152 Resp: 2273
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.6 10.6 15.8

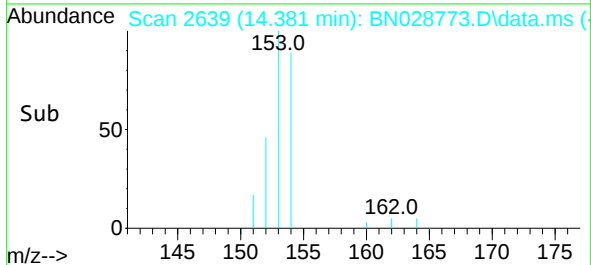
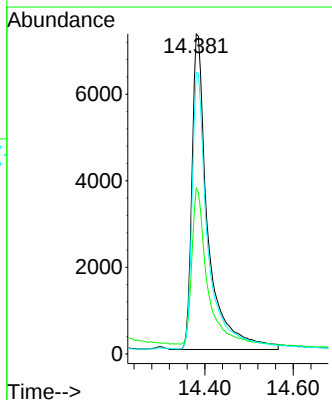
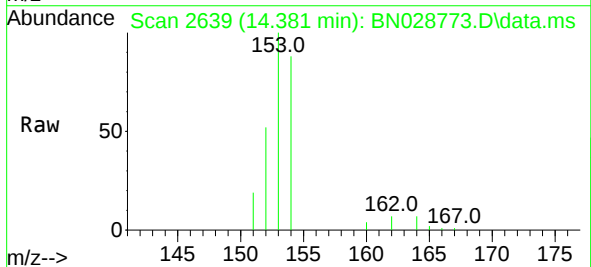
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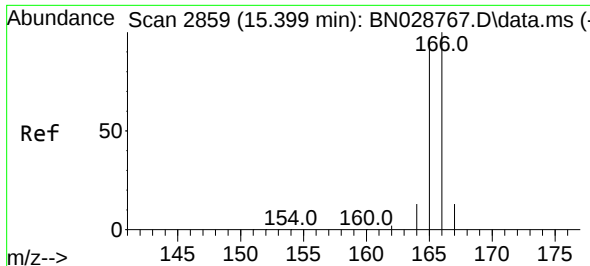
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.479 ng/ul
RT: 14.381 min Scan# 2639
Delta R.T. -0.005 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

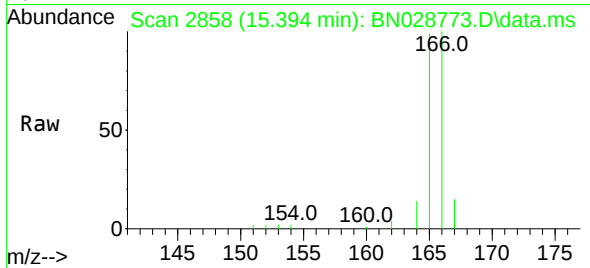
Tgt Ion:153 Resp: 18327
Ion Ratio Lower Upper
153 100
152 51.9 39.6 59.4
154 88.0 71.0 106.6





#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.394 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

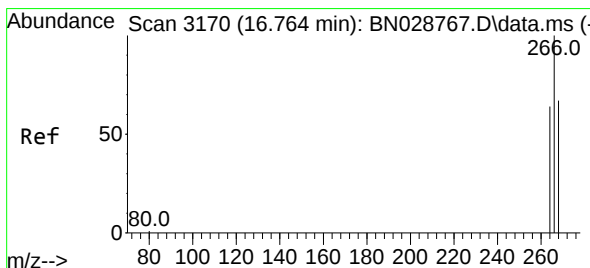
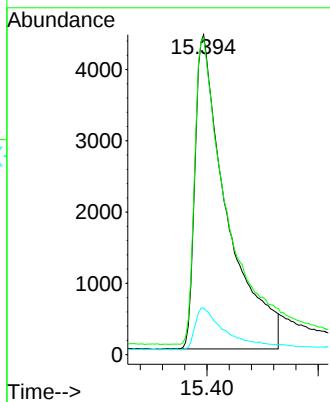
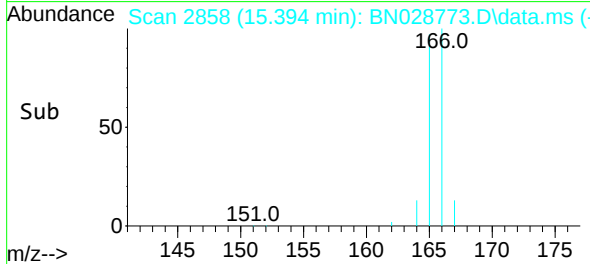
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



Tgt Ion:166 Resp: 1745
Ion Ratio Lower Upper
166 100
165 99.0 78.6 118.0
167 14.6 11.0 16.6

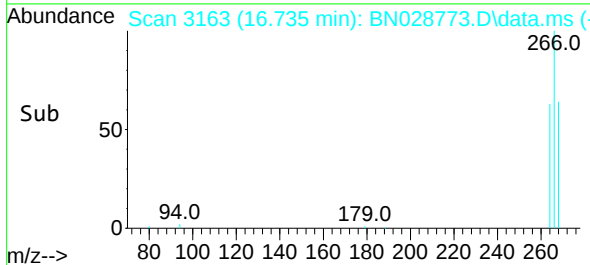
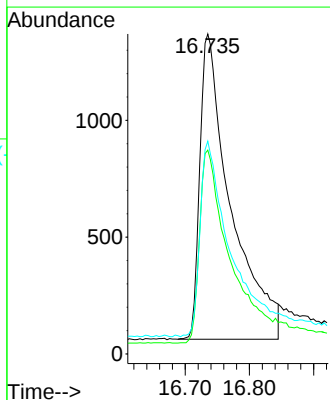
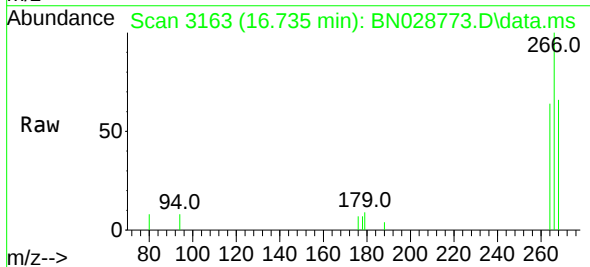
Manual Integrations
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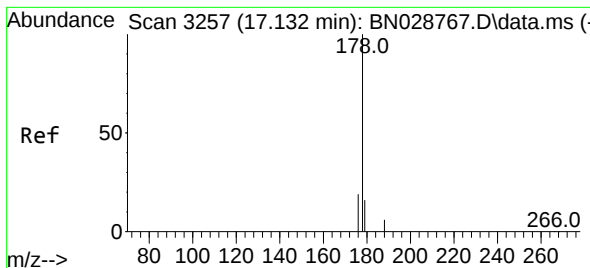
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 1.098 ng/ul
RT: 16.735 min Scan# 3163
Delta R.T. -0.030 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

Tgt Ion:266 Resp: 4367
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 63.2 50.6 75.8





#15

Phenanthrene

Concen: 0.543 ng/u1

RT: 17.128 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN028773.D

Acq: 19 Nov 2023 12:50

Instrument :

BNA_N

ClientSampleId :

GCDQ6MSD

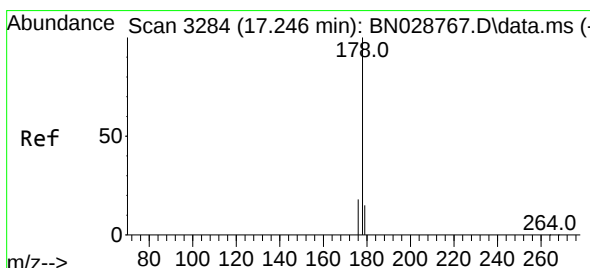
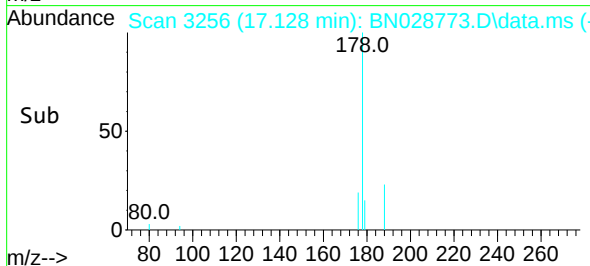
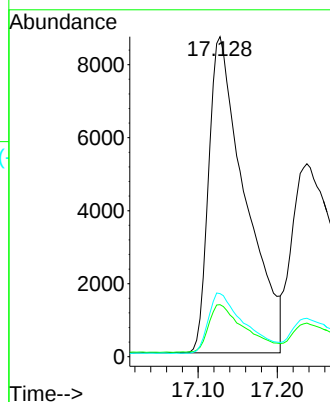
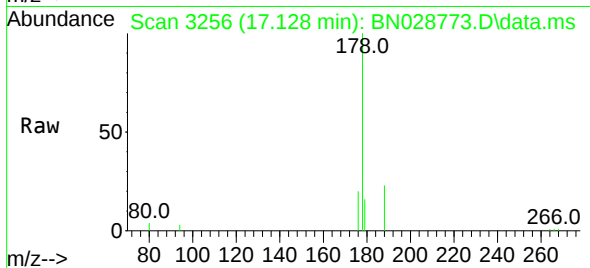
Tgt Ion:178	Resp:	2765
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.4 18.6
176	19.7	15.4 23.2

Manual Integrations

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Supervised By :mohammad ahmed 11/20/2023



#16

Anthracene

Concen: 0.346 ng/u1

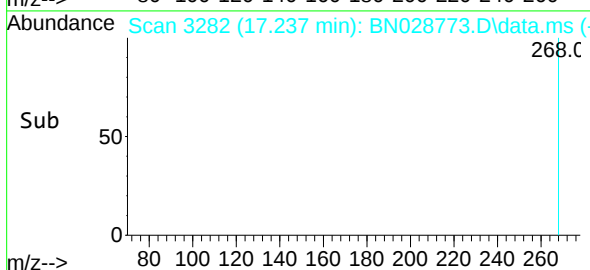
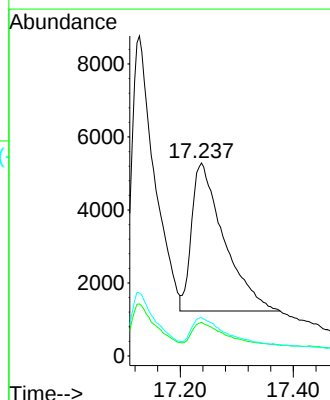
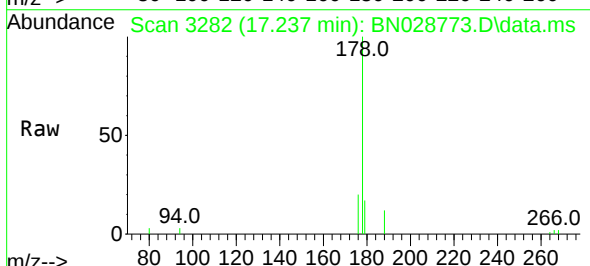
RT: 17.237 min Scan# 3282

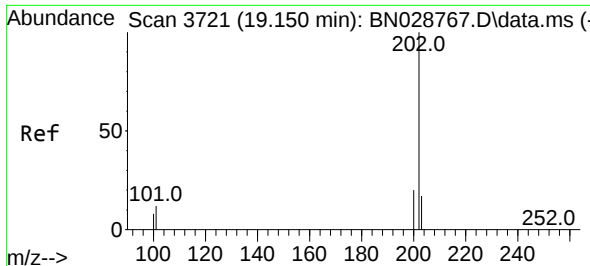
Delta R.T. -0.008 min

Lab File: BN028773.D

Acq: 19 Nov 2023 12:50

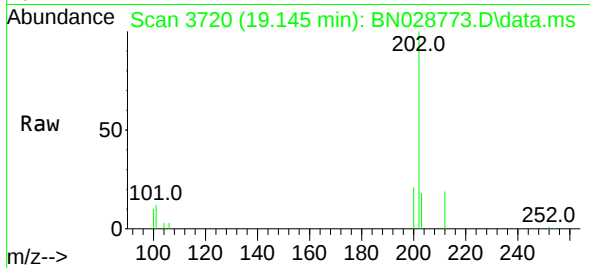
Tgt Ion:178	Resp:	16151
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.6 18.8
176	19.9	14.9 22.3





#19
Fluoranthene
Concen: 0.674 ng/u1
RT: 19.145 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

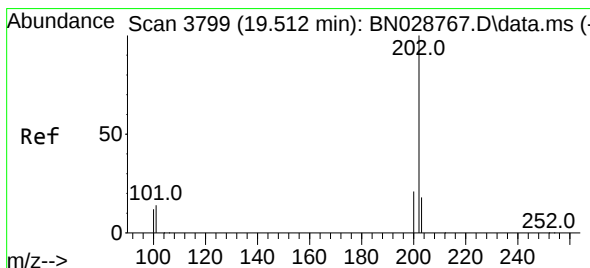
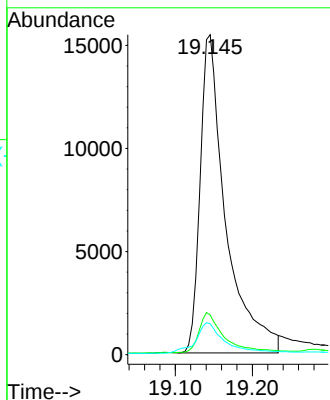
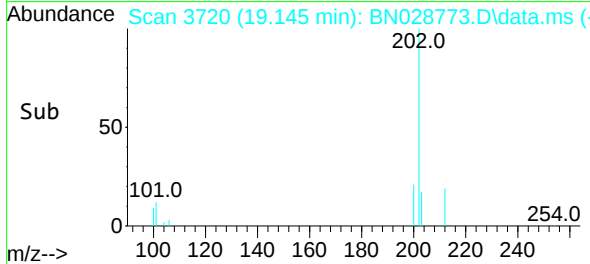
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



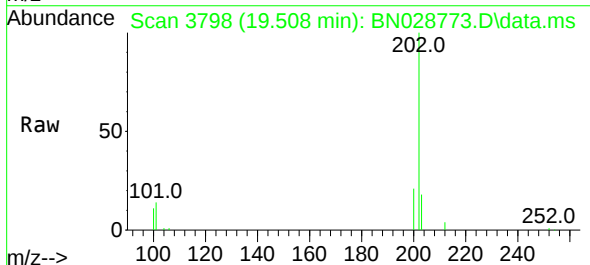
Tgt Ion:202 Resp: 3565
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.6 7.2 10.8

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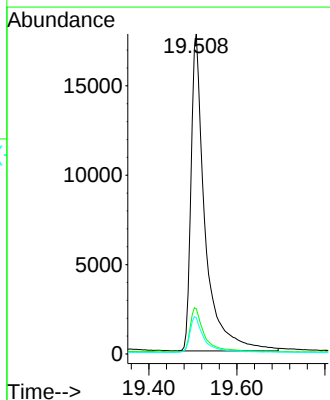
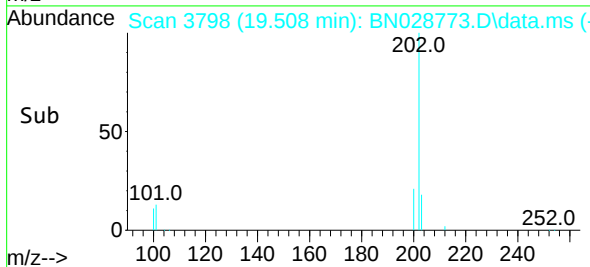
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023

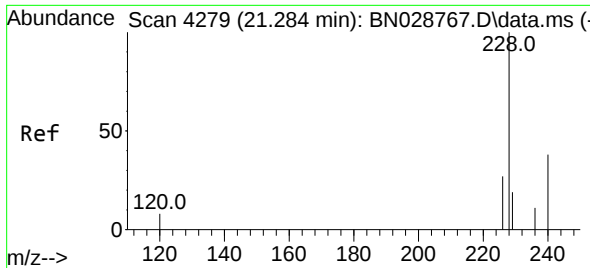


#20
Pyrene
Concen: 0.718 ng/u1
RT: 19.508 min Scan# 3798
Delta R.T. -0.005 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50



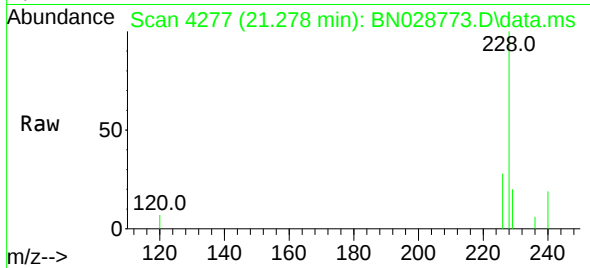
Tgt Ion:202 Resp: 39367
Ion Ratio Lower Upper
202 100
101 14.2 10.3 15.5
100 11.4 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.394 ng/u1
RT: 21.278 min Scan# 4277
Delta R.T. -0.006 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

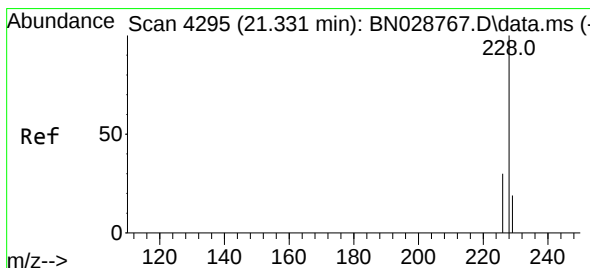
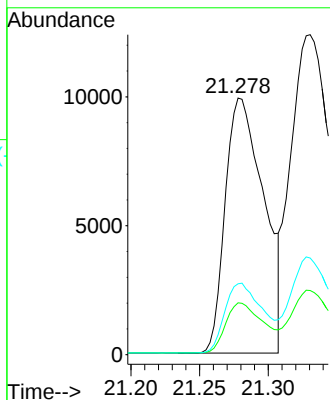
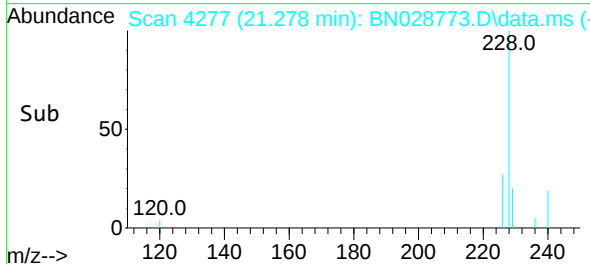
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



Tgt Ion:228 Resp: 1939
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 27.6 21.4 32.0

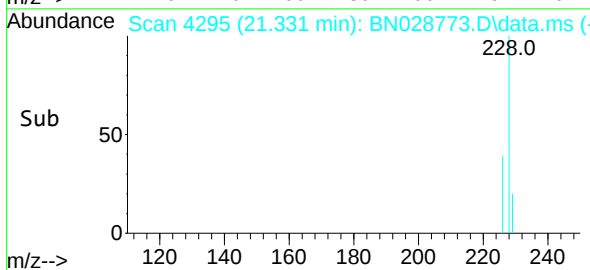
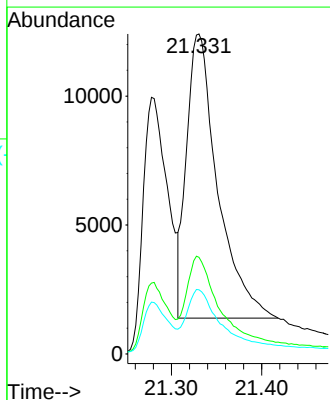
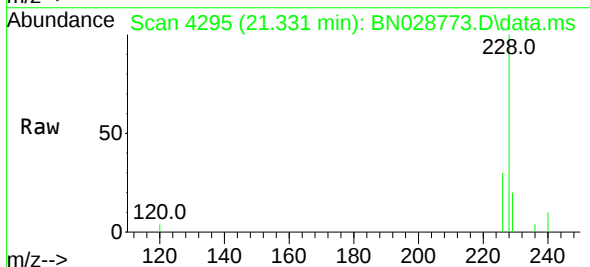
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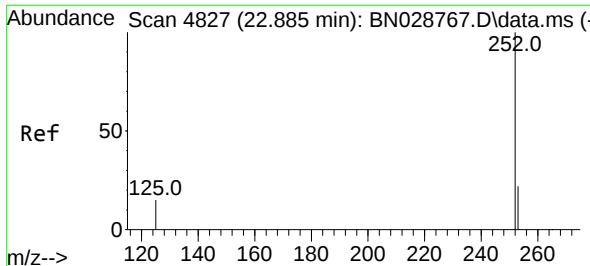
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.548 ng/u1
RT: 21.331 min Scan# 4295
Delta R.T. 0.000 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

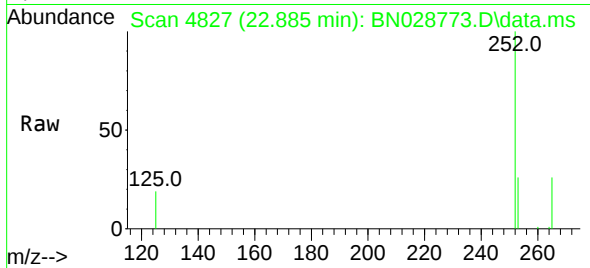
Tgt Ion:228 Resp: 26335
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.1 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.544 ng/ul
RT: 22.885 min Scan# 4827
Delta R.T. 0.000 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

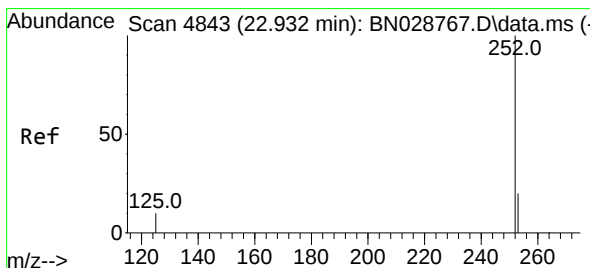
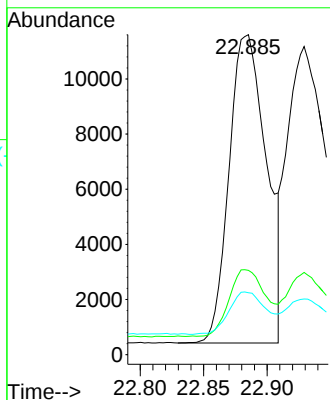
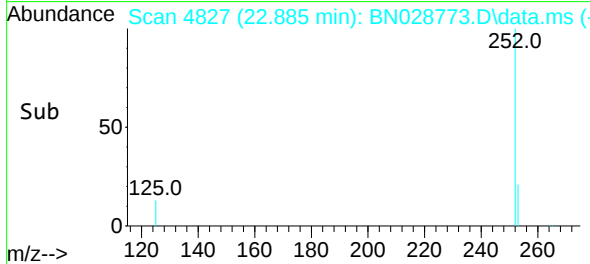
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



Tgt Ion:252 Resp: 22864
Ion Ratio Lower Upper
252 100
253 26.4 0.0 46.6
125 19.4 0.0 27.6

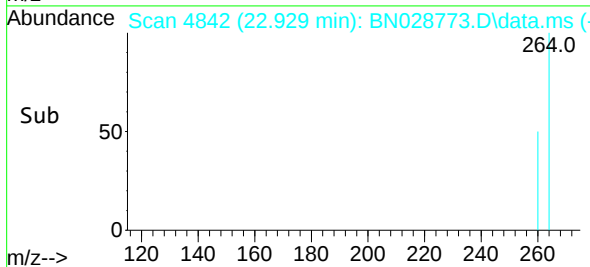
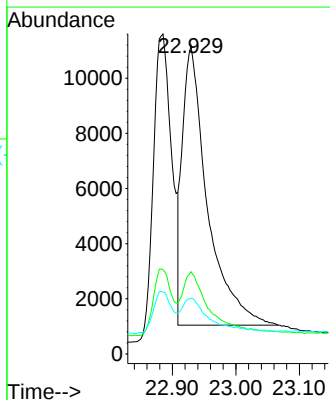
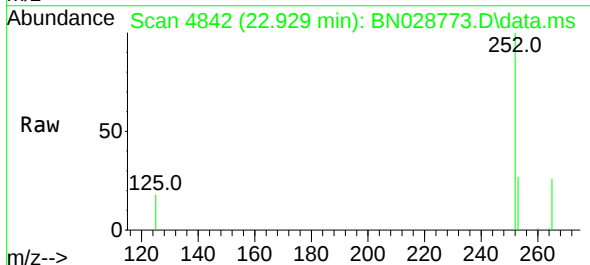
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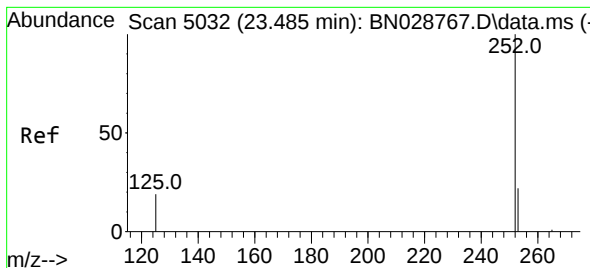
Reviewed By :Yogesh Patel 11/20/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.626 ng/ul
RT: 22.929 min Scan# 4842
Delta R.T. -0.003 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

Tgt Ion:252 Resp: 27563
Ion Ratio Lower Upper
252 100
253 26.7 18.6 28.0
125 18.1 12.7 19.1





#26

Benzo(a)pyrene

Concen: 0.565 ng/ul

RT: 23.476 min Scan# 5032

Delta R.T. -0.009 min

Lab File: BN028773.D

Acq: 19 Nov 2023 12:50

Instrument :

BNA_N

ClientSampleId :

GCDQ6MSD

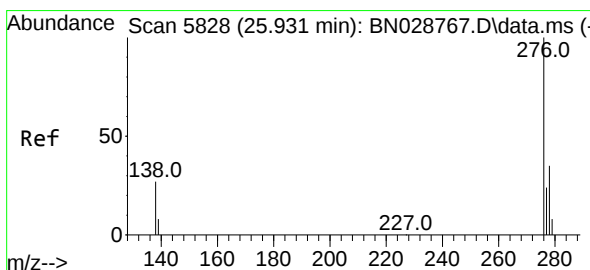
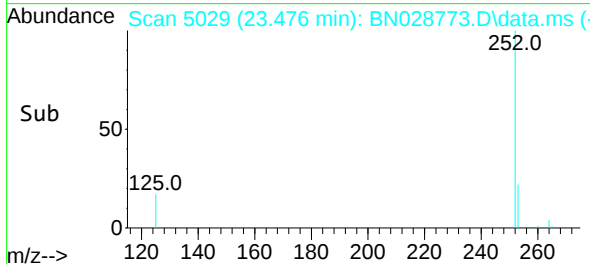
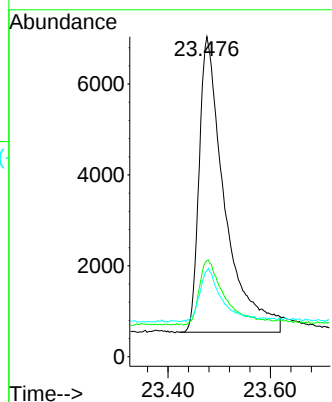
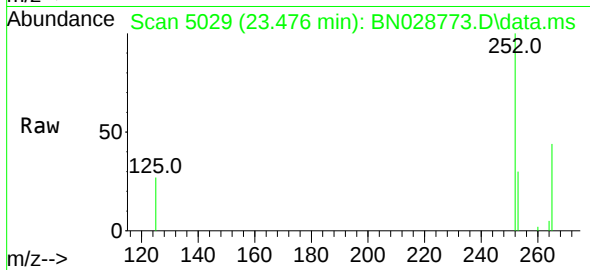
Tgt Ion:	252	Resp:	2244
Ion Ratio	Lower	Upper	
252	100		
253	30.1	19.0	28.6
125	26.9	13.2	19.8

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: 0.653 ng/ul

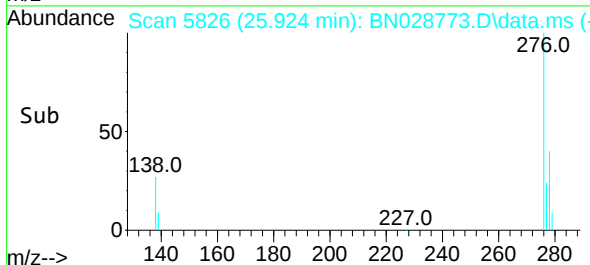
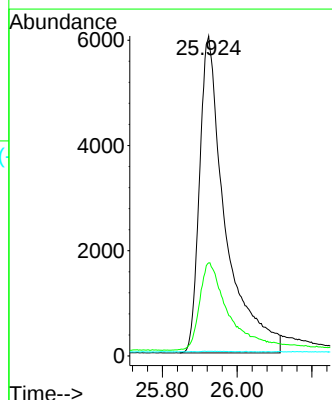
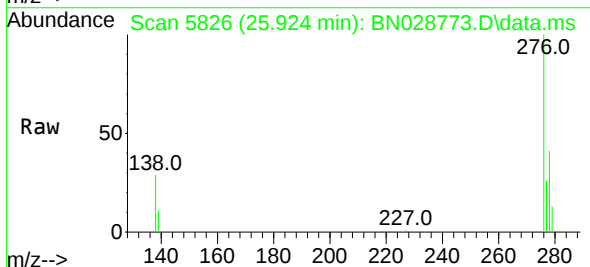
RT: 25.924 min Scan# 5826

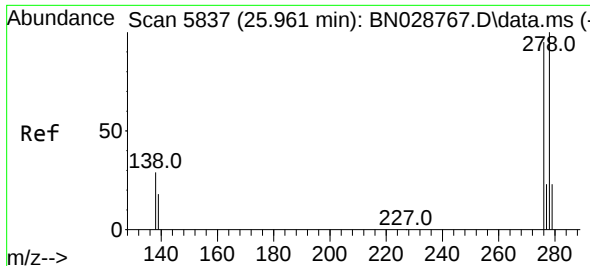
Delta R.T. -0.007 min

Lab File: BN028773.D

Acq: 19 Nov 2023 12:50

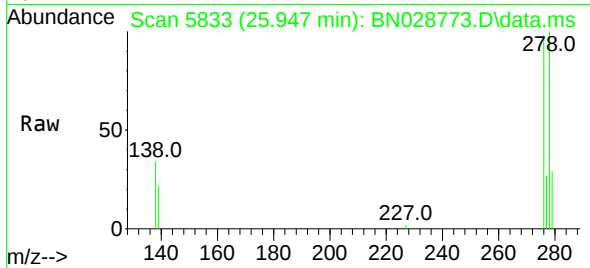
Tgt Ion:	276	Resp:	28757
Ion Ratio	Lower	Upper	
276	100		
138	31.5	23.8	35.6
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.629 ng/ul
RT: 25.947 min Scan# 5833
Delta R.T. -0.013 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

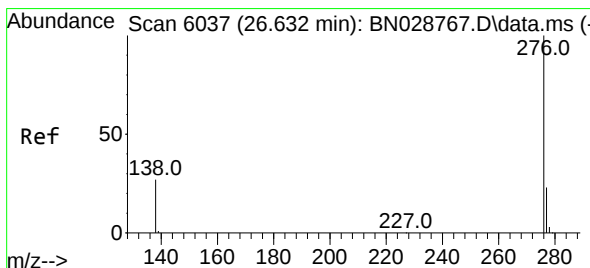
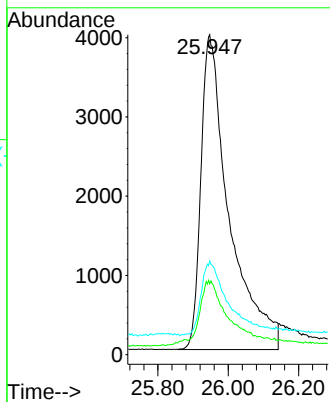
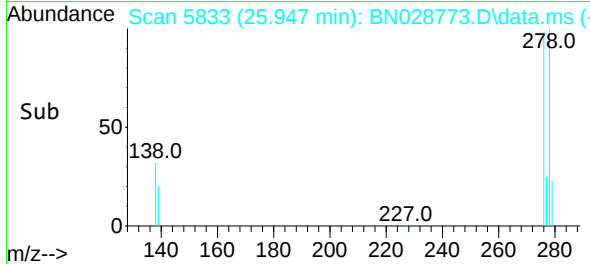
Instrument :
BNA_N
ClientSampleId :
GCDQ6MSD



Tgt Ion:278 Resp: 22150
Ion Ratio Lower Upper
278 100
139 22.2 18.2 27.4
279 29.3 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.706 ng/ul
RT: 26.628 min Scan# 6036
Delta R.T. -0.003 min
Lab File: BN028773.D
Acq: 19 Nov 2023 12:50

Tgt Ion:276 Resp: 25490
Ion Ratio Lower Upper
276 100
138 28.2 20.5 30.7
277 25.0 19.4 29.0

