

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028690.D
 Acq On : 17 Nov 2023 07:17
 Operator : MA/JU
 Sample : PB157122BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS122

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 07:46:55 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 22:38:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	5566m	0.400	ng/ul	0.05
4) Naphthalene-d8	10.506	136	14191	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.326	164	11420	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	17843	0.400	ng/ul	0.00
17) Chrysene-d12	21.296	240	15329	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	14343	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5874m	0.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	6684	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	25179	0.510	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	17778m	2.615	ng/ul	
5) Naphthalene	10.550	128	16954	0.426	ng/ul	96
7) 2-Methylnaphthalene	12.189	142	7391	0.282	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	11339	0.426	ng/ul	99
10) Acenaphthylene	14.048	152	22619	0.397	ng/ul	98
11) Acenaphthene	14.391	153	18192	0.434	ng/ul	99
12) Fluorene	15.395	166	16221	0.332	ng/ul	100
14) Pentachlorophenol	16.740	266	3954	0.923	ng/ul	100
15) Phenanthrene	17.128	178	24843	0.453	ng/ul	98
16) Anthracene	17.242	178	14475	0.288	ng/ul	96
19) Fluoranthene	19.151	202	32378	0.497	ng/ul	100
20) Pyrene	19.513	202	36829	0.545	ng/ul	98
21) Benzo(a)anthracene	21.285	228	19500	0.322	ng/ul	99
22) Chrysene	21.334	228	26337	0.444	ng/ul	99
24) Benzo(b)fluoranthene	22.889	252	23078	0.429	ng/ul	91
25) Benzo(k)fluoranthene	22.936	252	27776	0.493	ng/ul	92
26) Benzo(a)pyrene	23.485	252	23824	0.469	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.931	276	28378	0.503	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.961	278	21300	0.473	ng/ul	95
29) Benzo(g,h,i)perylene	26.639	276	25478	0.551	ng/ul	96

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

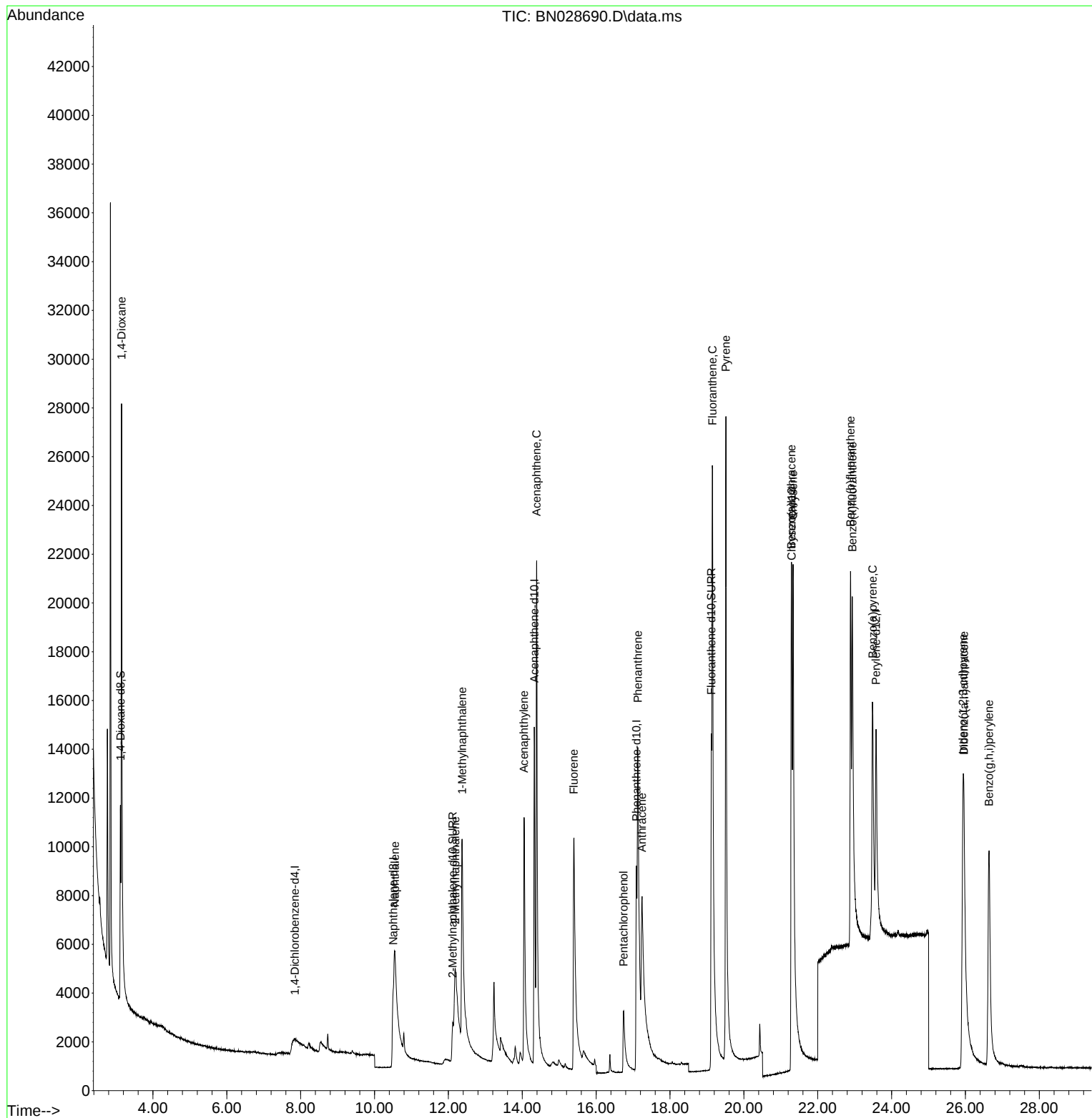
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028690.D
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ALS Vial : 58 Sample Multiplier: 1

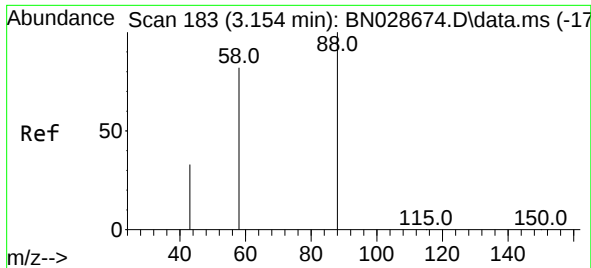
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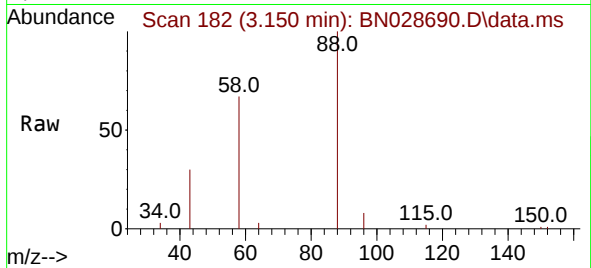
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023





#2
1,4-Dioxane
Concen: 2.615 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

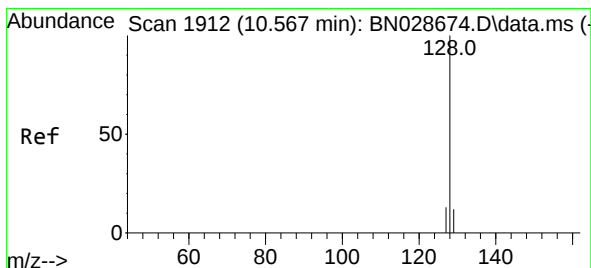
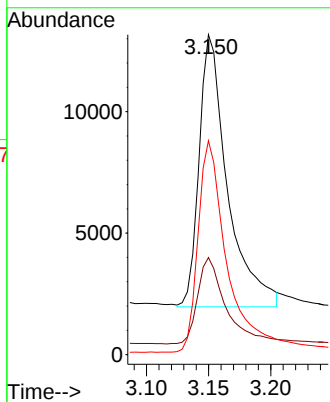
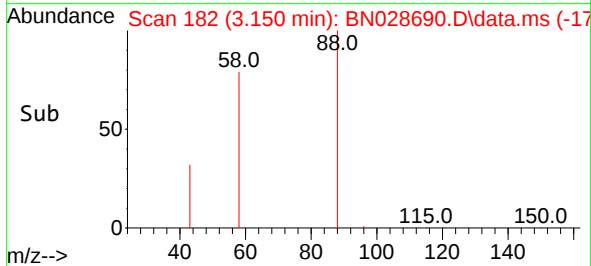
Instrument :
BNA_N
ClientSampleId :
SLCS122



Tgt Ion: 88 Resp: 17778
Ion Ratio Lower Upper
88 100
43 30.3 32.9 49.3
58 66.9 41.8 62.8

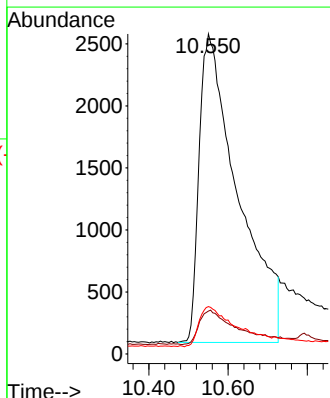
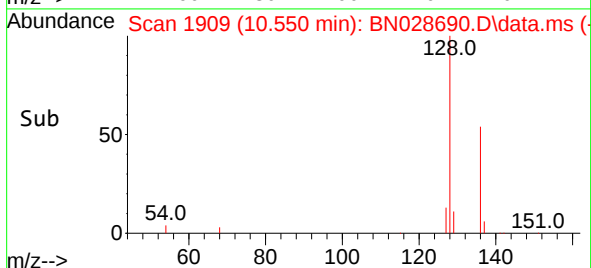
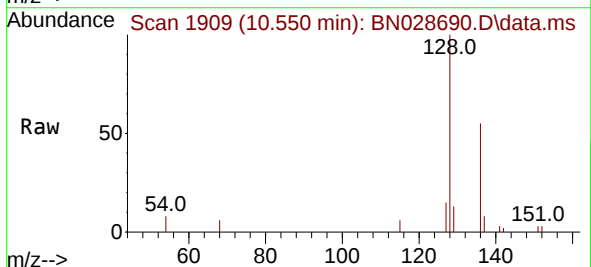
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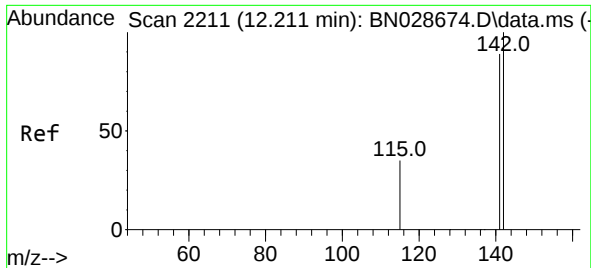
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.550 min Scan# 1909
Delta R.T. 0.016 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

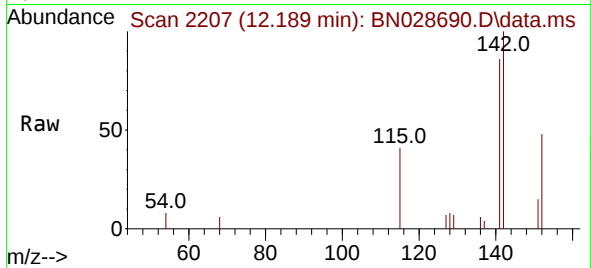
Tgt Ion:128 Resp: 16954
Ion Ratio Lower Upper
128 100
129 13.4 9.2 13.8
127 14.8 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.282 ng/ul
RT: 12.189 min Scan# 211
Delta R.T. 0.016 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

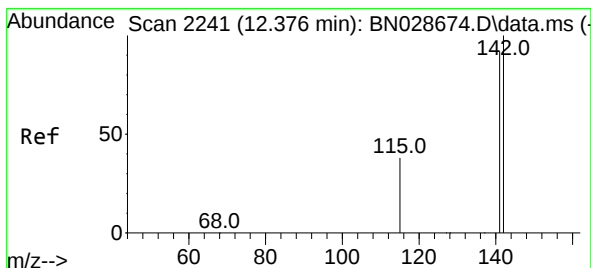
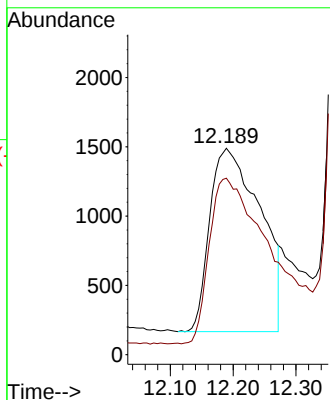
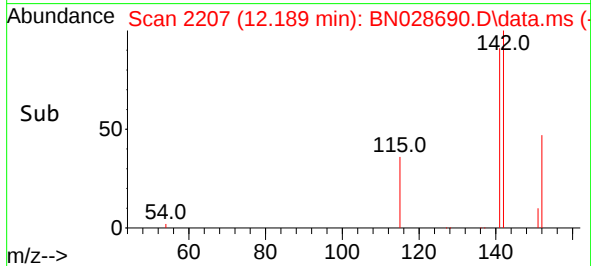
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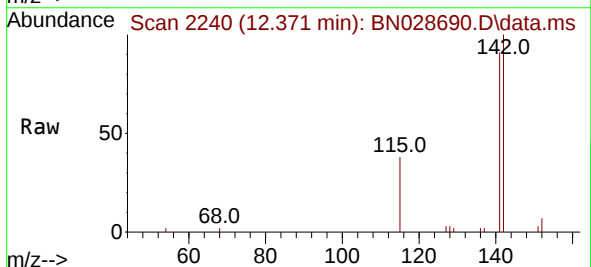
Tgt Ion:142 Resp: 739
Ion Ratio Lower Upper
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141 91.4 70.8 106.2

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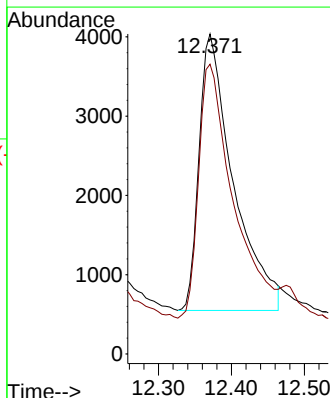
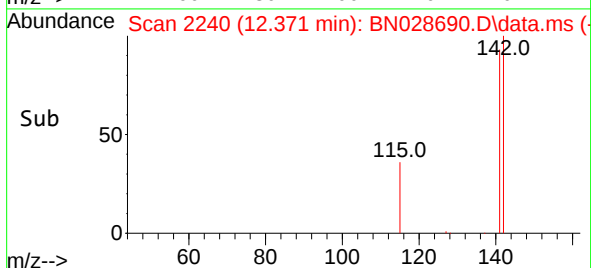
Reviewed By :Yogesh Patel 11/17/2023
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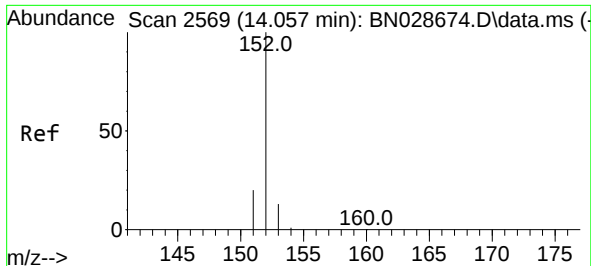


#8
1-Methylnaphthalene
Concen: 0.426 ng/ul
RT: 12.371 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17



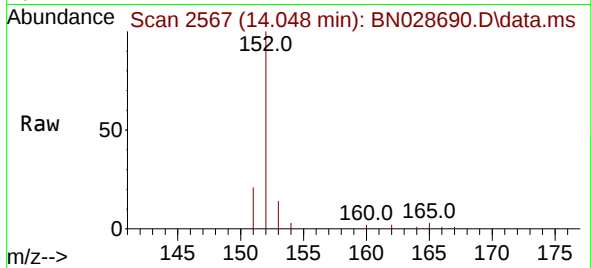
Tgt Ion:142 Resp: 11339
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1





#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.048 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

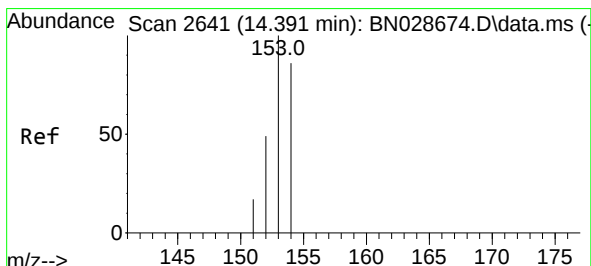
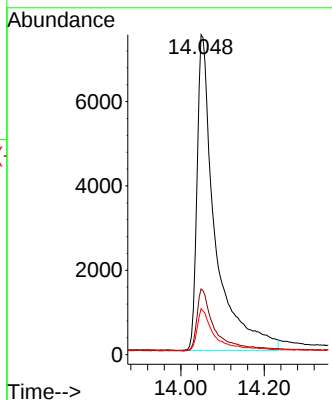
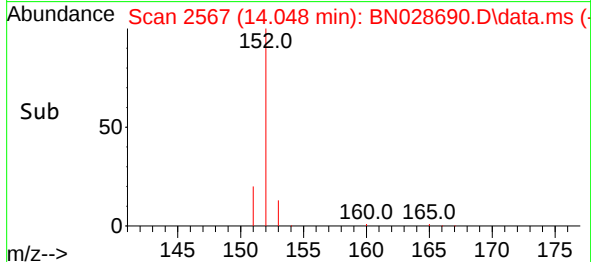
Instrument :
BNA_N
ClientSampleId :
SLCS122



Tgt Ion:152 Resp: 22619
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.4 10.6 15.8

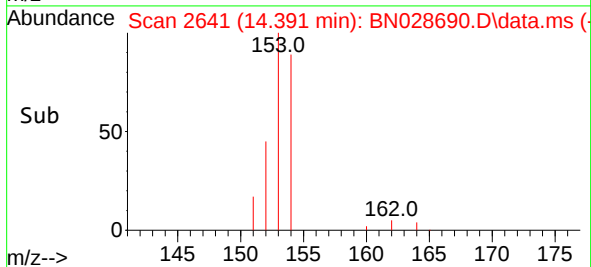
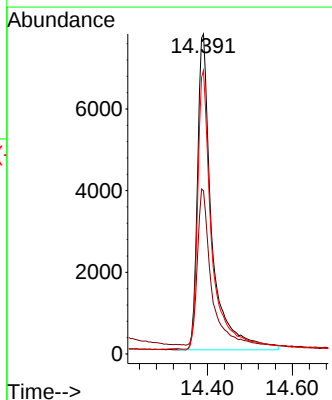
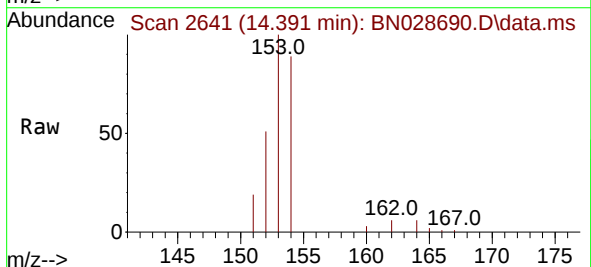
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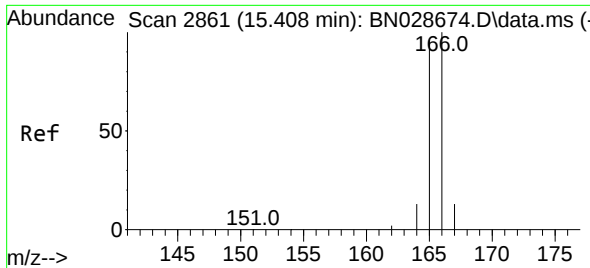
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.434 ng/ul
RT: 14.391 min Scan# 2641
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

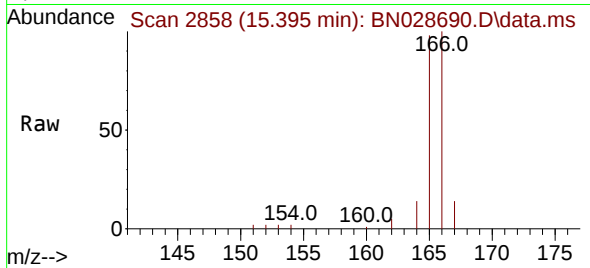
Tgt Ion:153 Resp: 18192
Ion Ratio Lower Upper
153 100
152 51.0 39.6 59.4
154 88.6 71.0 106.6





#12
Fluorene
Concen: 0.332 ng/ul
RT: 15.395 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

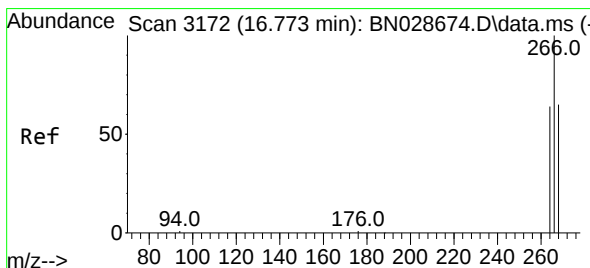
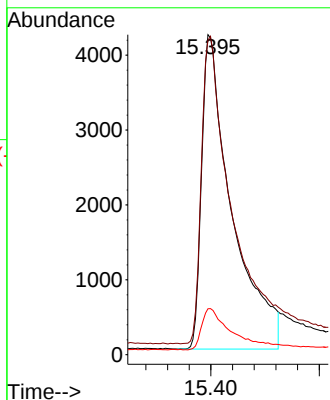
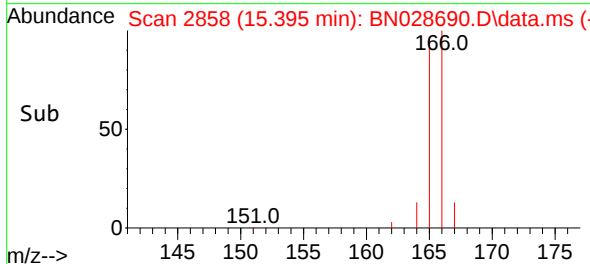
Instrument :
BNA_N
ClientSampleId :
SLCS122



Tgt Ion:166 Resp: 1622
Ion Ratio Lower Upper
166 100
165 98.2 78.6 118.0
167 14.4 11.0 16.6

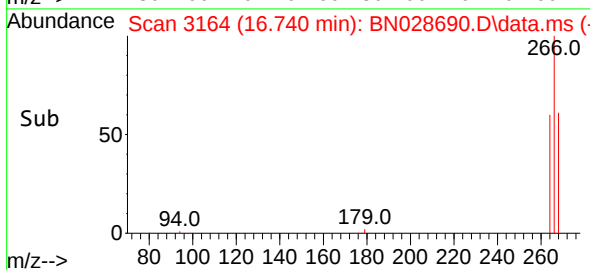
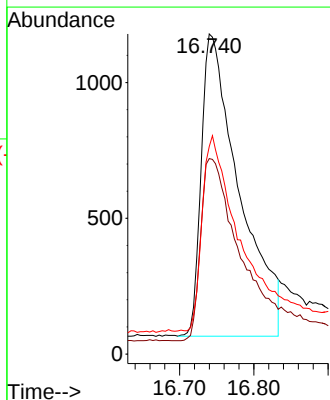
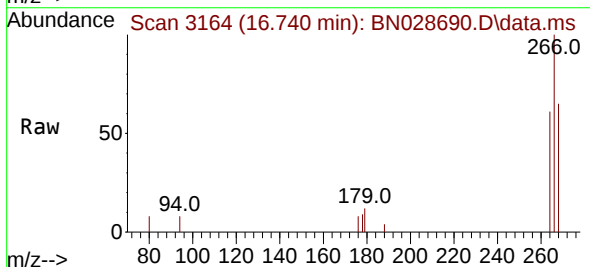
Manual Integrations
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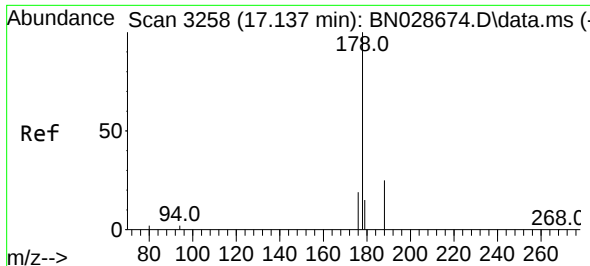
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.923 ng/ul
RT: 16.740 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

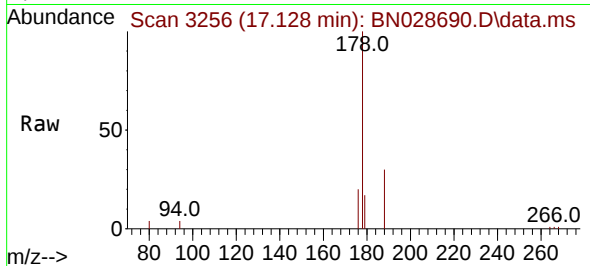
Tgt Ion:266 Resp: 3954
Ion Ratio Lower Upper
266 100
264 62.2 50.1 75.1
268 63.0 50.6 75.8





#15
Phenanthrene
Concen: 0.453 ng/ul
RT: 17.128 min Scan# 31
Delta R.T. -0.003 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

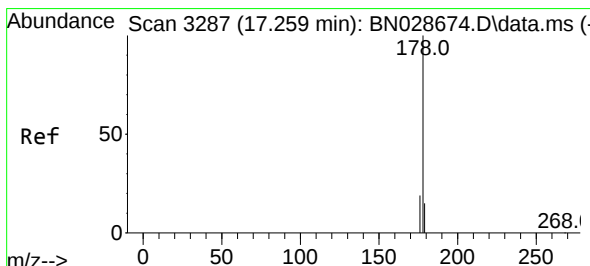
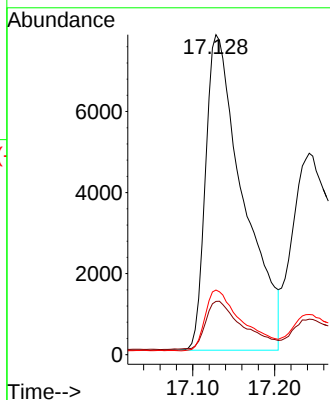
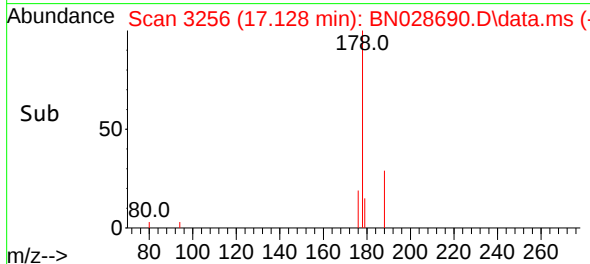
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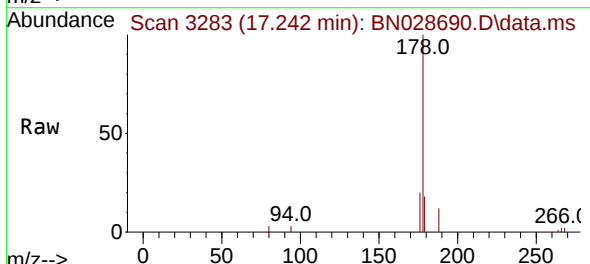
Tgt Ion:178 Resp: 2484
Ion Ratio Lower Upper
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179 16.7 12.4 18.6
176 20.2 15.4 23.2

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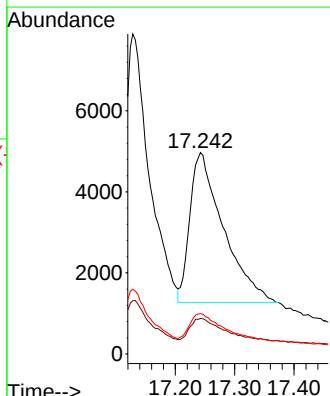
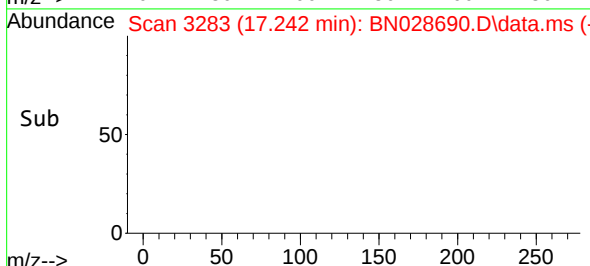
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Supervised By :mohammad ahmed 11/20/2023

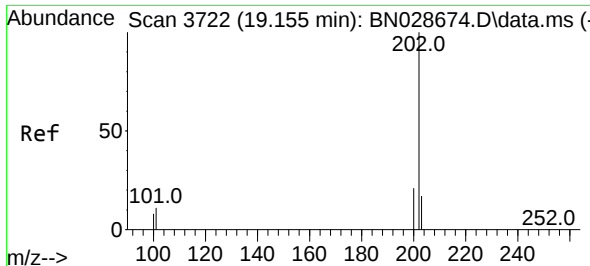


#16
Anthracene
Concen: 0.288 ng/ul
RT: 17.242 min Scan# 3283
Delta R.T. 0.005 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17



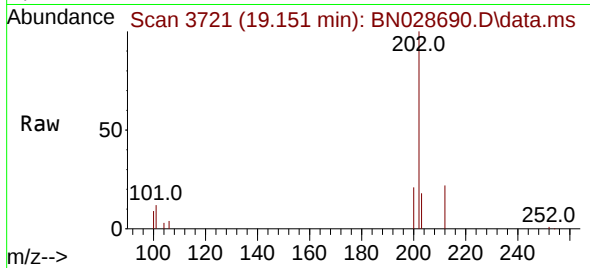
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Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 20.0 14.9 22.3





#19
Fluoranthene
Concen: 0.497 ng/u1
RT: 19.151 min Scan# 3722
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

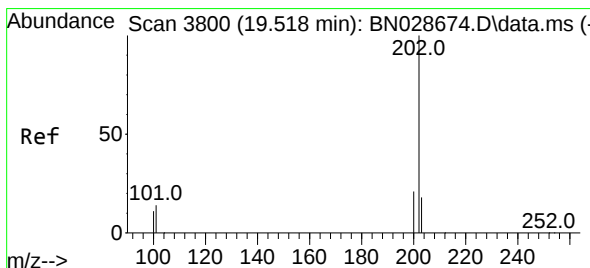
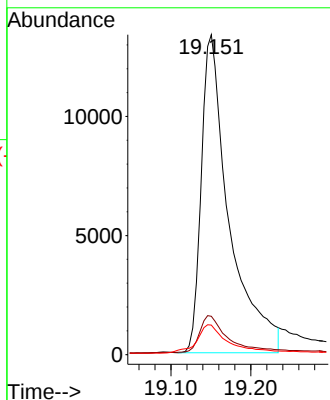
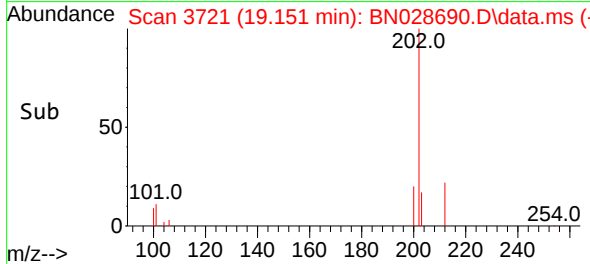
Instrument :
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Tgt Ion:202 Resp: 32378
Ion Ratio Lower Upper
202 100
101 12.0 9.5 14.3
100 9.2 7.2 10.8

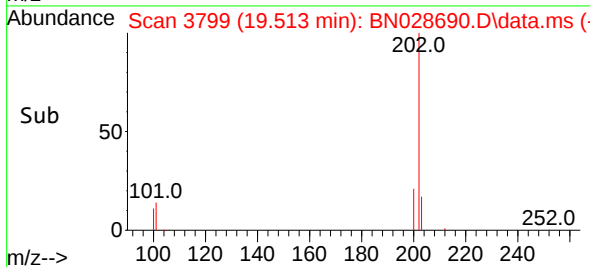
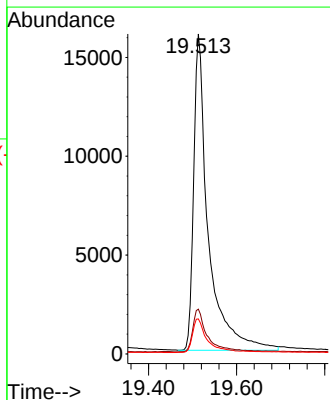
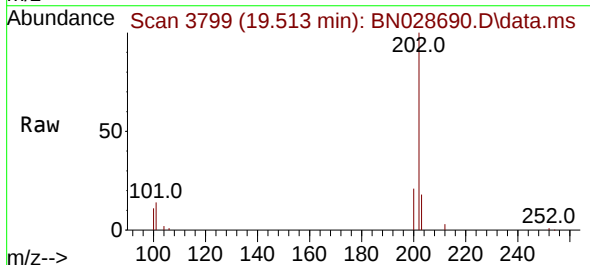
Manual Integrations
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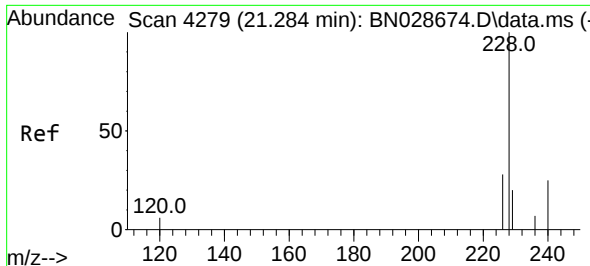
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.545 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

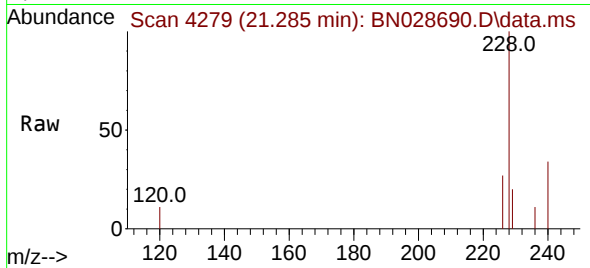
Tgt Ion:202 Resp: 36829
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 10.9 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.285 min Scan# 4279
Delta R.T. 0.004 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

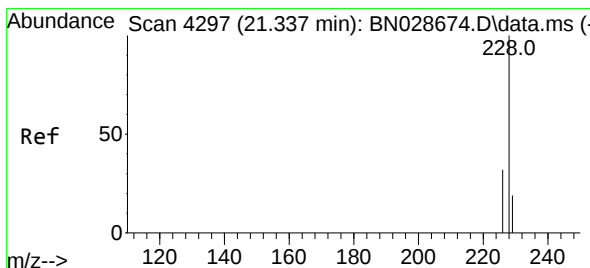
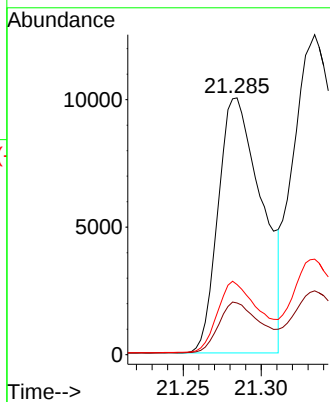
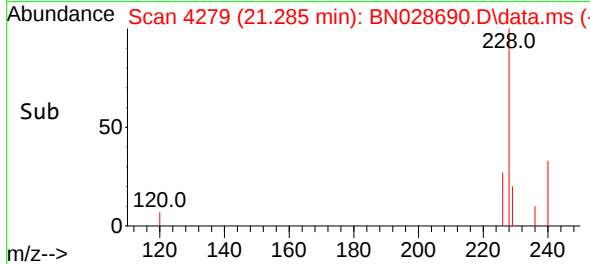
Instrument :
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ClientSampleId :
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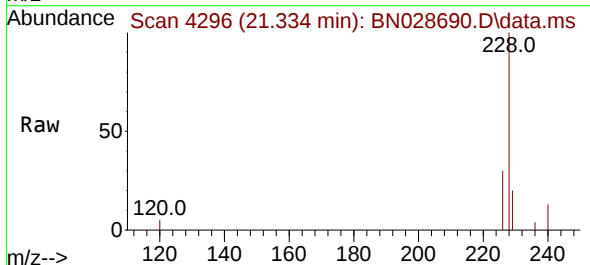
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Ion Ratio Lower Upper
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229 20.1 15.7 23.5
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Manual Integrations
APPROVED

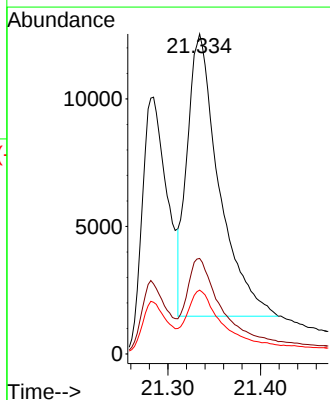
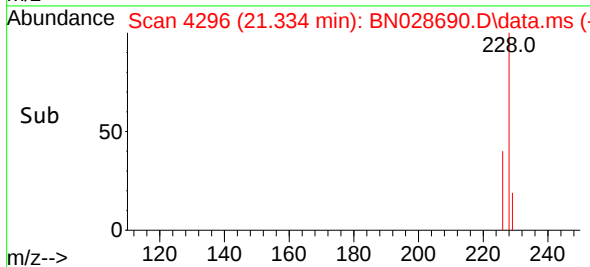
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

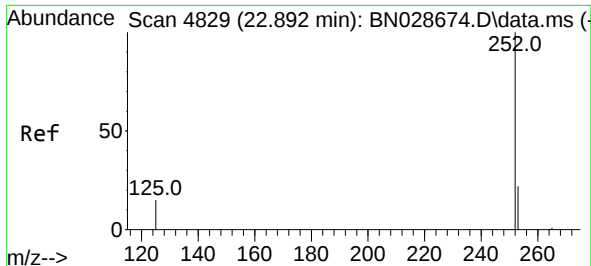


#22
Chrysene
Concen: 0.444 ng/ul
RT: 21.334 min Scan# 4296
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17



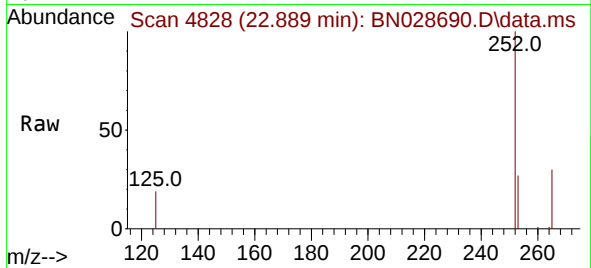
Tgt Ion:228 Resp: 26337
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 20.0 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.429 ng/ul
RT: 22.889 min Scan# 4828
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

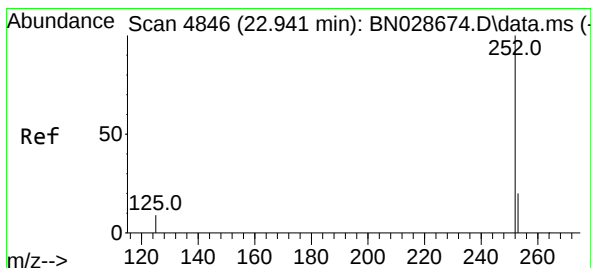
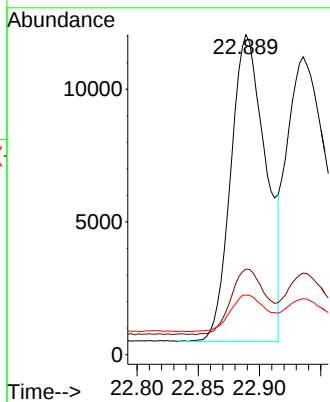
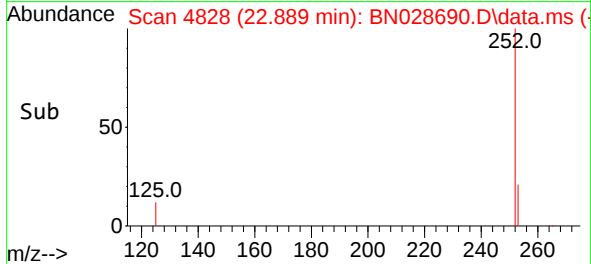
Instrument :
BNA_N
ClientSampleId :
SLCS122



Tgt Ion:252 Resp: 23078
Ion Ratio Lower Upper
252 100
253 26.7 0.0 46.6
125 18.6 0.0 27.6

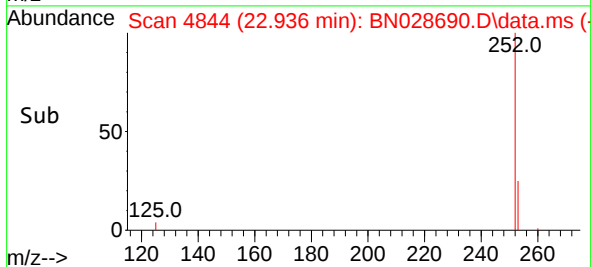
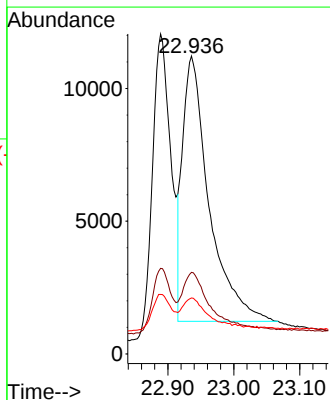
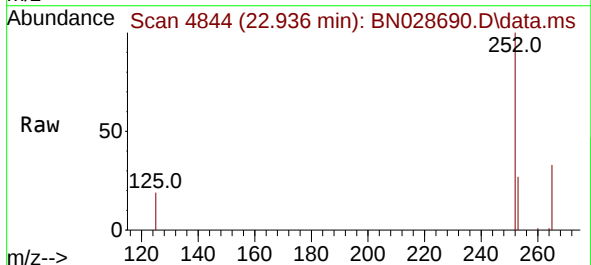
Manual Integrations
APPROVED

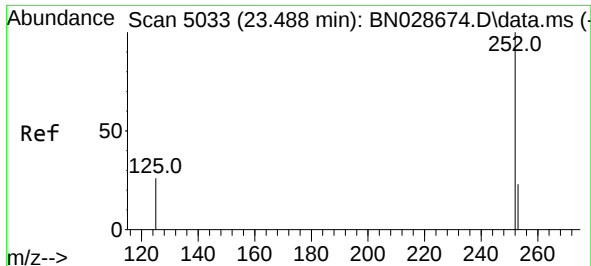
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.493 ng/ul
RT: 22.936 min Scan# 4844
Delta R.T. 0.004 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

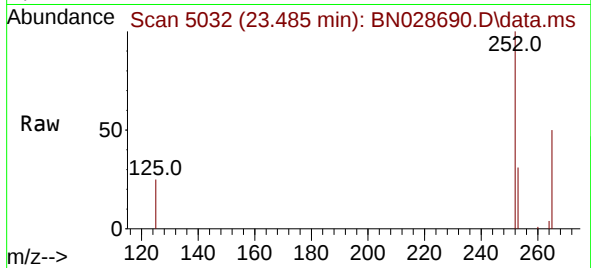
Tgt Ion:252 Resp: 27776
Ion Ratio Lower Upper
252 100
253 27.4 18.6 28.0
125 18.8 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.485 min Scan# 5033
Delta R.T. 0.004 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17

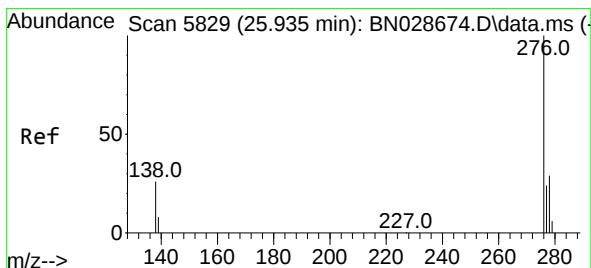
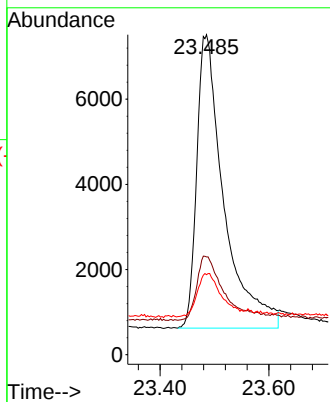
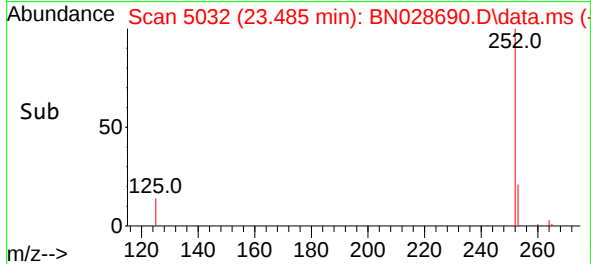
Instrument :
BNA_N
ClientSampleId :
SLCS122



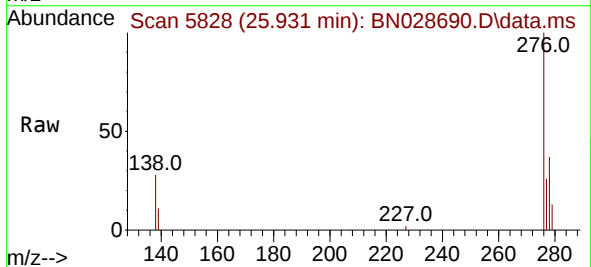
Tgt Ion:252 Resp: 23824
Ion Ratio Lower Upper
252 100
253 30.5 19.0 28.6
125 25.0 13.2 19.8

Manual Integrations
APPROVED

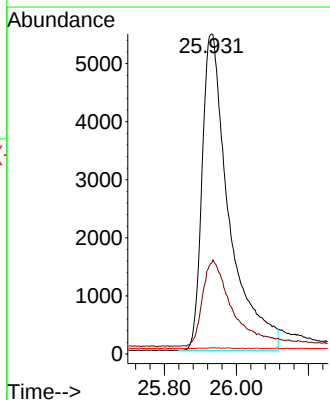
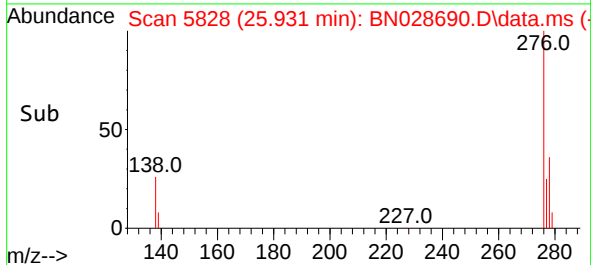
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

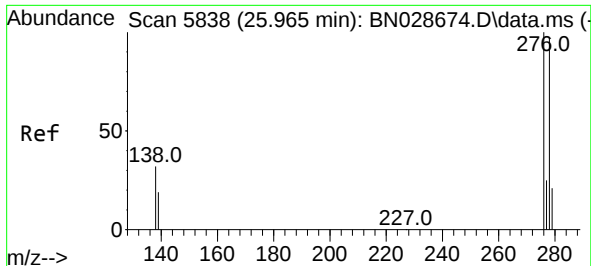


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 25.931 min Scan# 5828
Delta R.T. 0.001 min
Lab File: BN028690.D
Acq: 17 Nov 2023 07:17



Tgt Ion:276 Resp: 28378
Ion Ratio Lower Upper
276 100
138 29.5 23.8 35.6
227 0.0 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.473 ng/ul

RT: 25.961 min Scan# 5838

Delta R.T. 0.004 min

Lab File: BN028690.D

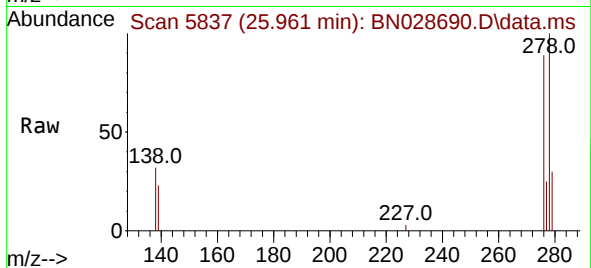
Acq: 17 Nov 2023 07:17

Instrument :

BNA_N

ClientSampleId :

SLCS122



Tgt Ion:278 Resp: 21300

Ion Ratio Lower Upper

278 100

139 22.9 18.2 27.4

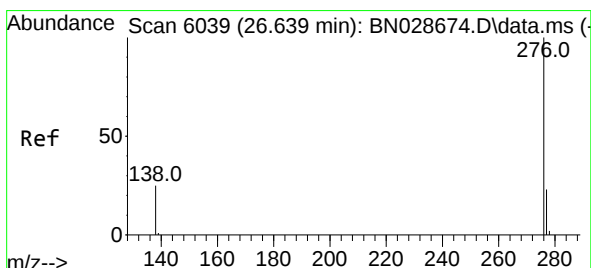
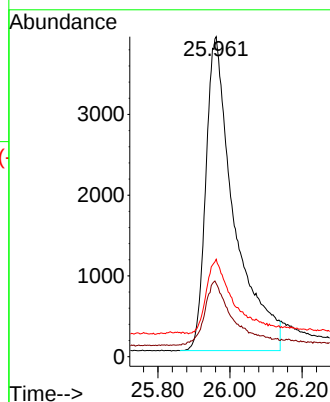
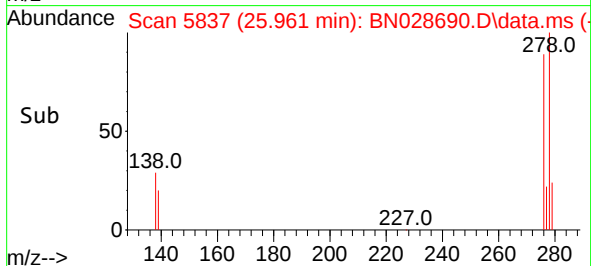
279 30.5 20.7 31.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/20/2023



#29

Benzo(g,h,i)perylene

Concen: 0.551 ng/ul

RT: 26.639 min Scan# 6039

Delta R.T. -0.002 min

Lab File: BN028690.D

Acq: 17 Nov 2023 07:17

Tgt Ion:276 Resp: 25478

Ion Ratio Lower Upper

276 100

138 28.3 20.5 30.7

277 25.5 19.4 29.0

