

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028733.D
 Acq On : 18 Nov 2023 11:07
 Operator : MA/JU
 Sample : PB157216BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS216

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 18 23:01:31 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	7.917	152	5773m	0.400	ng/ul	0.12
4) Naphthalene-d8	10.511	136	16368m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.325	164	12013	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	16413	0.400	ng/ul	0.00
17) Chrysene-d12	21.300	240	14627	0.400	ng/ul	# 0.00
23) Perylene-d12	23.580	264	14448	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5687m	0.891	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.144	152	8706m	0.353	ng/ul	0.03
18) Fluoranthene-d10	19.121	212	20030	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	16847m	2.389	ng/ul	
5) Naphthalene	10.566	128	14147	0.308	ng/ul#	95
7) 2-Methylnaphthalene	12.210	142	7480m	0.248	ng/ul	
8) 1-Methylnaphthalene	12.375	142	9026	0.294	ng/ul	99
10) Acenaphthylene	14.052	152	19290	0.322	ng/ul	98
11) Acenaphthene	14.389	153	16136	0.366	ng/ul	99
12) Fluorene	15.403	166	13406	0.261	ng/ul	98
14) Pentachlorophenol	16.751	266	2338	0.594	ng/ul	98
15) Phenanthrene	17.136	178	20736	0.411	ng/ul	97
16) Anthracene	17.254	178	10355	0.224	ng/ul#	94
19) Fluoranthene	19.154	202	25222	0.405	ng/ul	98
20) Pyrene	19.516	202	29274	0.454	ng/ul	96
21) Benzo(a)anthracene	21.286	228	13707	0.237	ng/ul	98
22) Chrysene	21.335	228	21002	0.371	ng/ul	99
24) Benzo(b)fluoranthene	22.890	252	18266	0.337	ng/ul	86
25) Benzo(k)fluoranthene	22.937	252	22190	0.391	ng/ul#	90
26) Benzo(a)pyrene	23.484	252	19347	0.378	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.933	276	23343	0.411	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.963	278	17393	0.383	ng/ul#	92
29) Benzo(g,h,i)perylene	26.641	276	21144	0.454	ng/ul	96

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

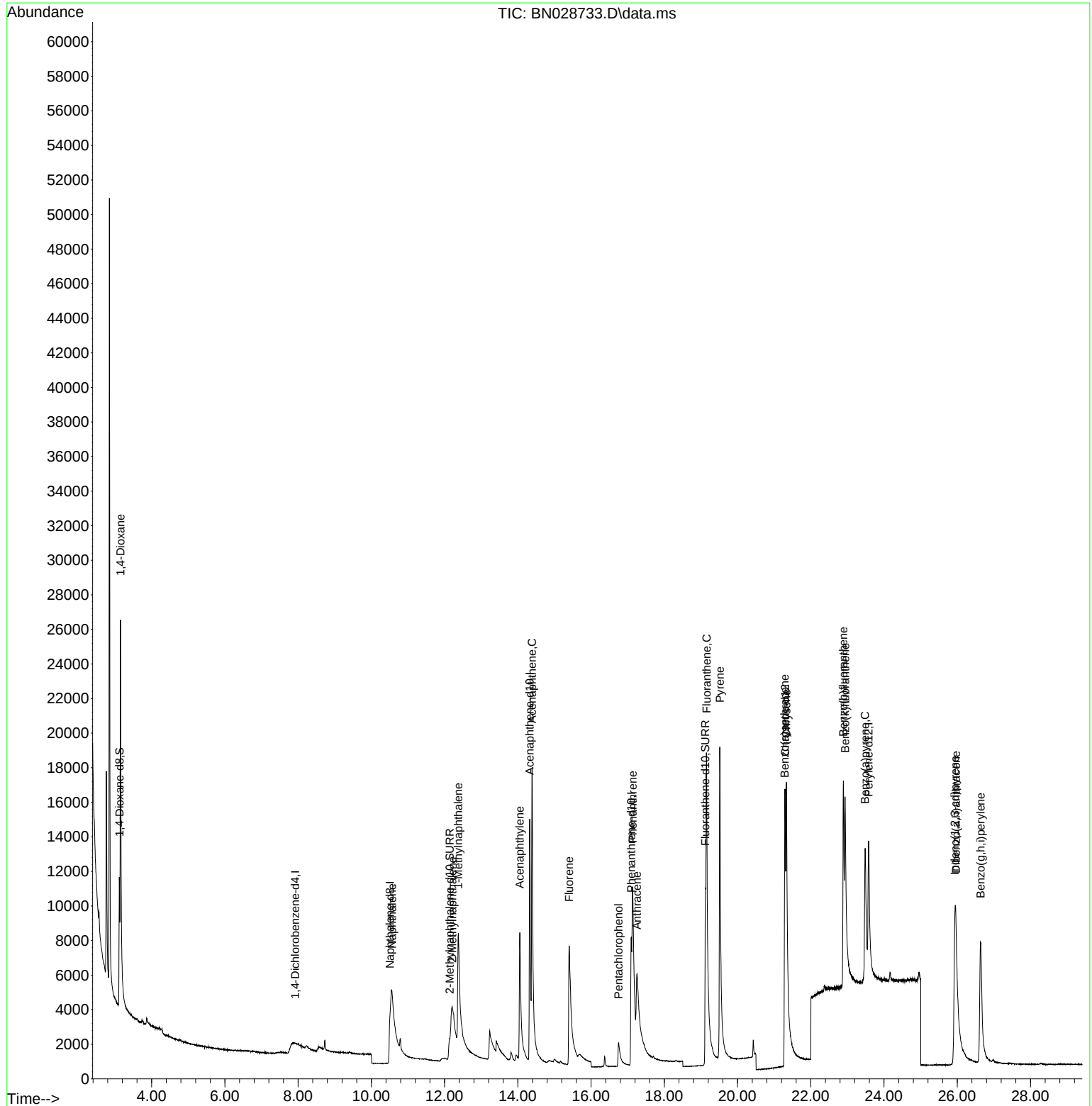
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028733.D
Acq On : 18 Nov 2023 11:07
Operator : MA/JU
Sample : PB157216BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

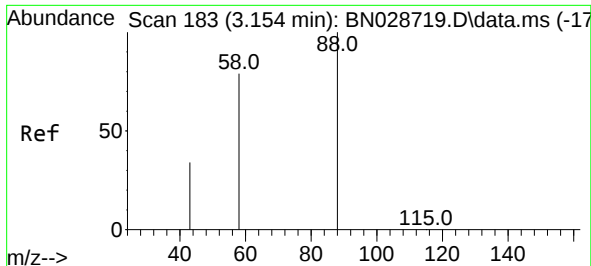
Instrument :
BNA_N
ClientSampleId :
SLCS216

Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

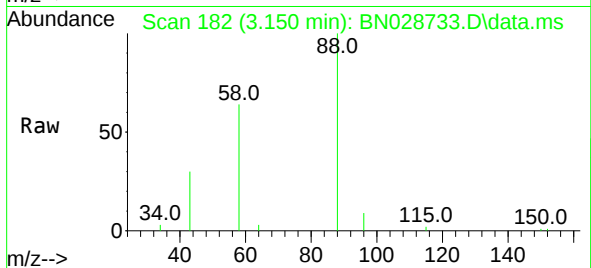
Quant Time: Nov 18 23:01:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.389 ng/ul m
RT: 3.150 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

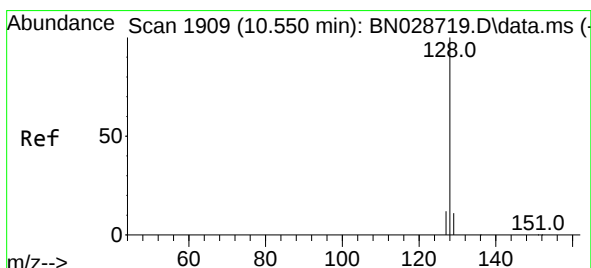
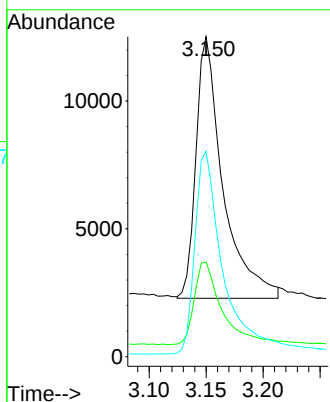
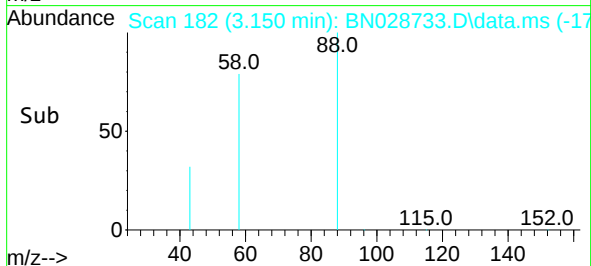
Instrument :
BNA_N
ClientSampleId :
SLCS216



Tgt Ion: 88 Resp: 1684
Ion Ratio Lower Upper
88 100
43 29.6 32.9 49.3
58 64.2 41.8 62.8

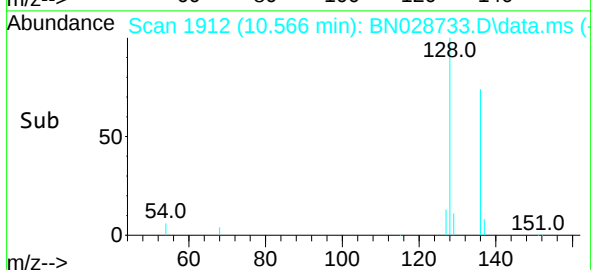
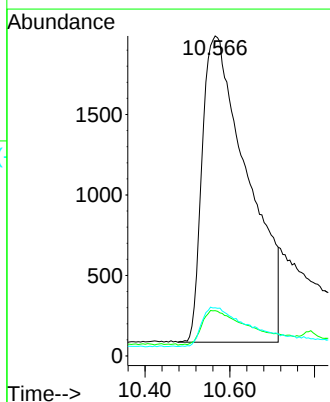
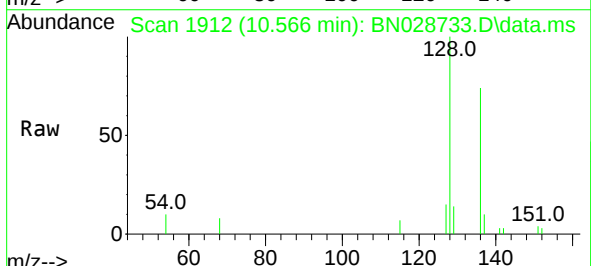
Manual Integrations
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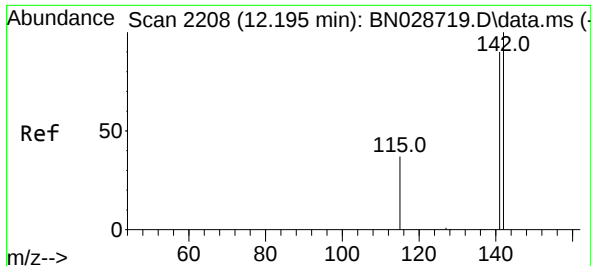
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.308 ng/ul
RT: 10.566 min Scan# 1912
Delta R.T. 0.032 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

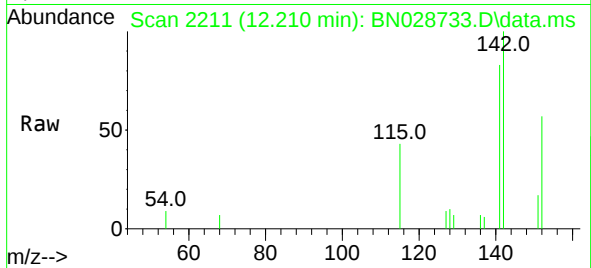
Tgt Ion:128 Resp: 14147
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8
127 15.0 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.248 ng/ul m
RT: 12.210 min Scan# 2211
Delta R.T. 0.037 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

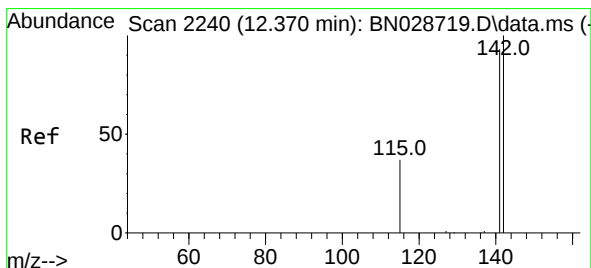
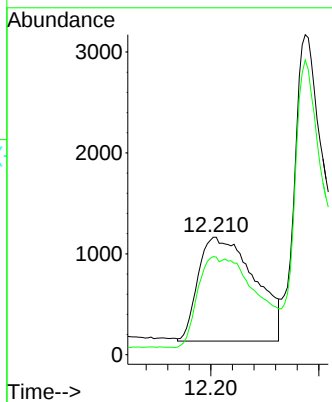
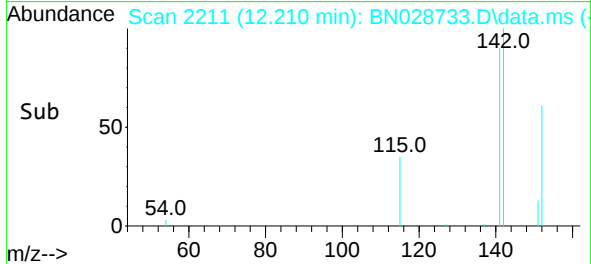
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ClientSampleId :
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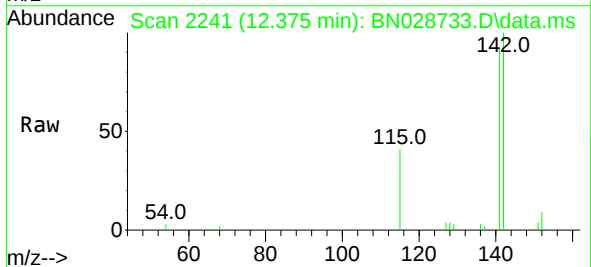
Tgt Ion:142 Resp: 7480
Ion Ratio Lower Upper
142 100
141 52.5 70.8 106.2

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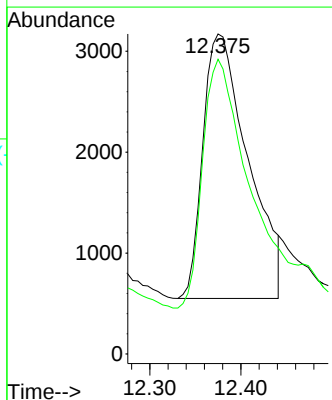
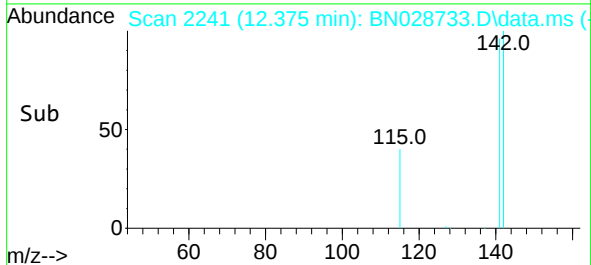
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

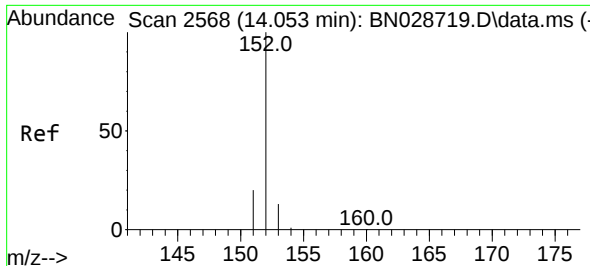


#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.375 min Scan# 2241
Delta R.T. 0.010 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07



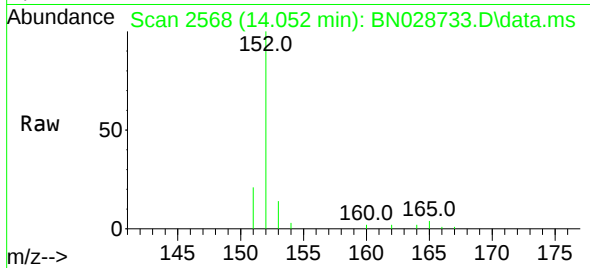
Tgt Ion:142 Resp: 9026
Ion Ratio Lower Upper
142 100
141 93.5 74.1 111.1





#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.052 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

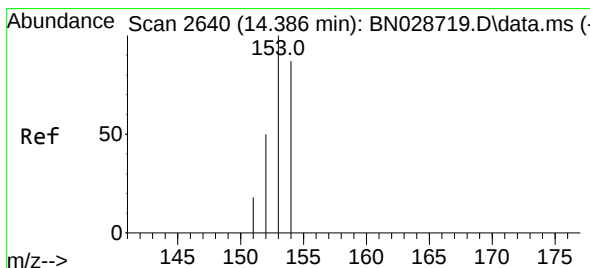
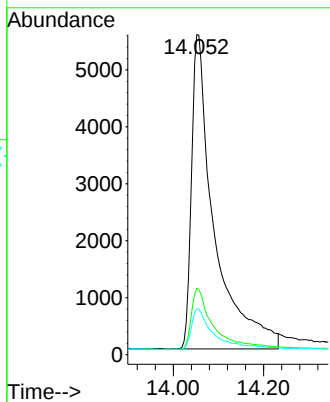
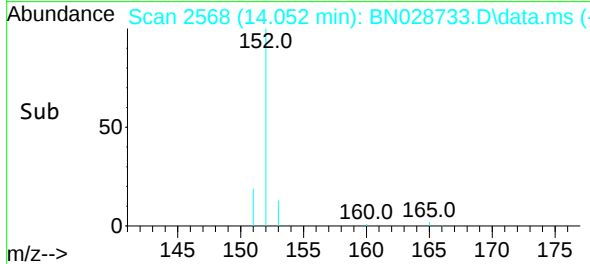
Instrument :
BNA_N
ClientSampleId :
SLCS216



Tgt Ion:152 Resp: 19290
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.3 10.6 15.8

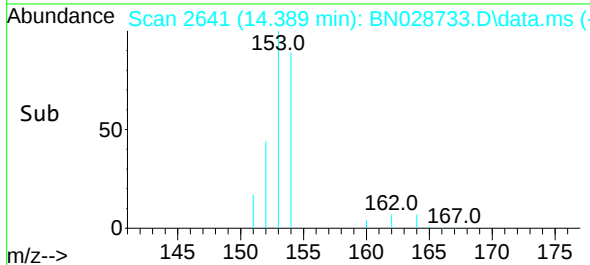
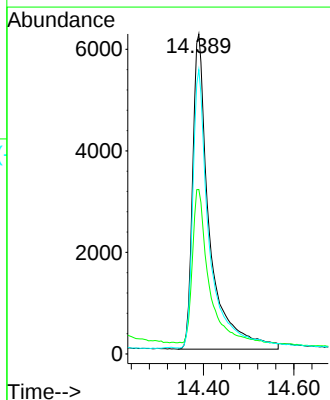
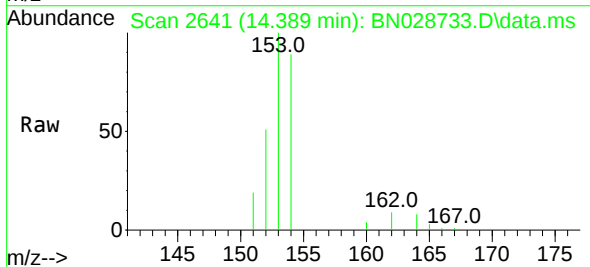
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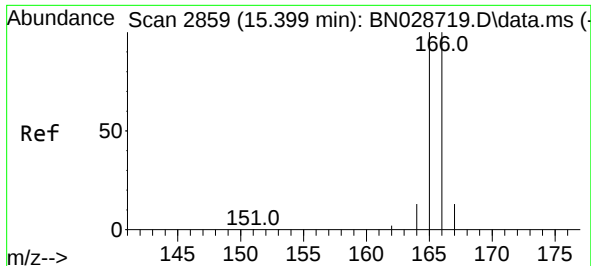
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.389 min Scan# 2641
Delta R.T. -0.000 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

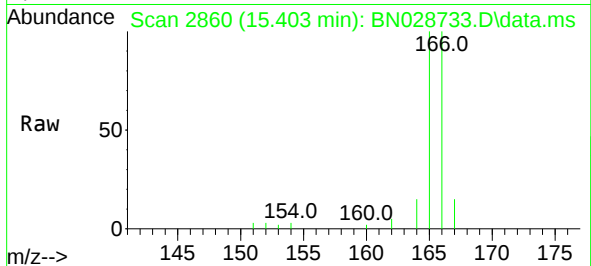
Tgt Ion:153 Resp: 16136
Ion Ratio Lower Upper
153 100
152 51.4 39.6 59.4
154 88.9 71.0 106.6





#12
Fluorene
Concen: 0.261 ng/ul
RT: 15.403 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

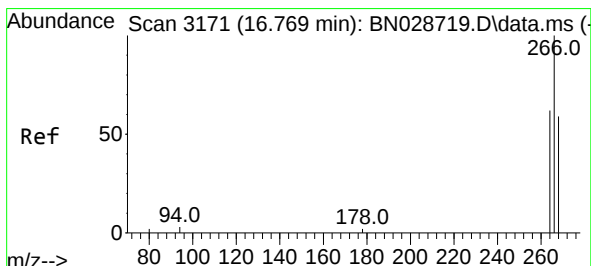
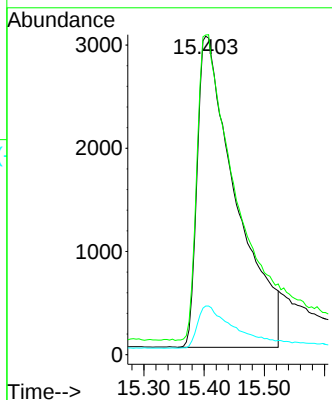
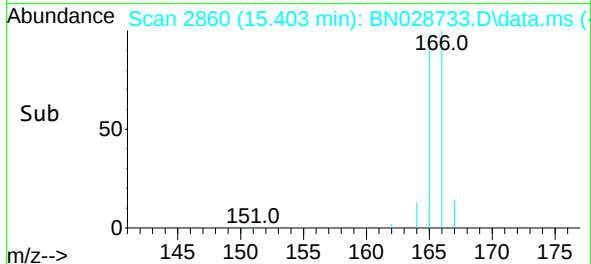
Instrument :
BNA_N
ClientSampleId :
SLCS216



Tgt Ion:166 Resp: 13400
Ion Ratio Lower Upper
166 100
165 100.4 78.6 118.0
167 15.3 11.0 16.6

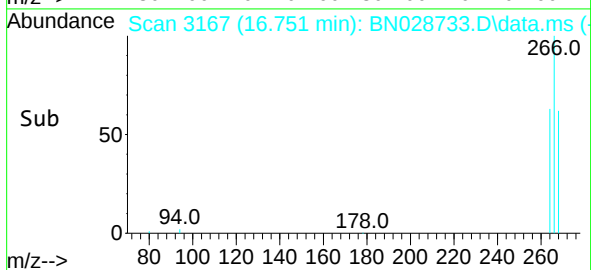
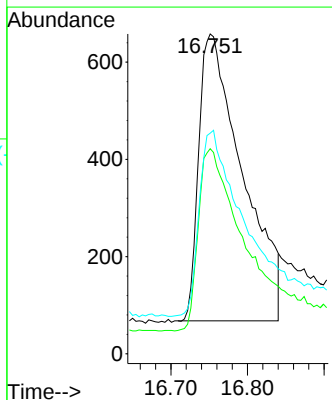
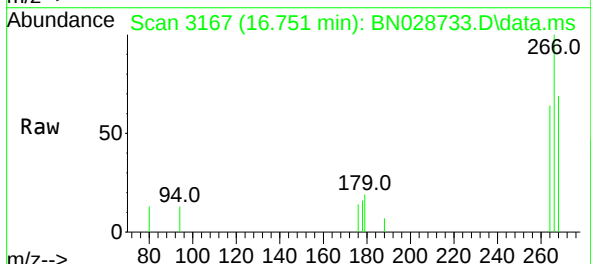
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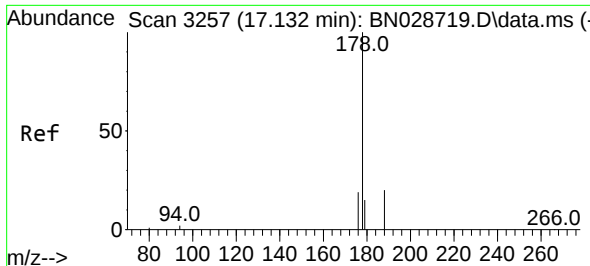
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#14
Pentachlorophenol
Concen: 0.594 ng/ul
RT: 16.751 min Scan# 3167
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

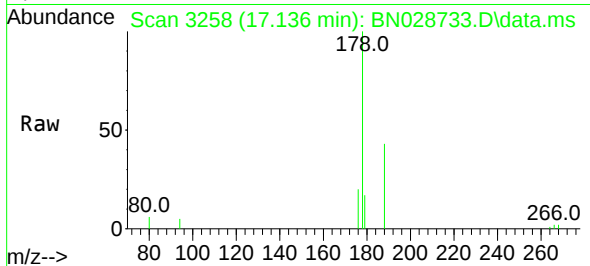
Tgt Ion:266 Resp: 2338
Ion Ratio Lower Upper
266 100
264 63.9 50.1 75.1
268 64.9 50.6 75.8





#15
Phenanthrene
Concen: 0.411 ng/ul
RT: 17.136 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

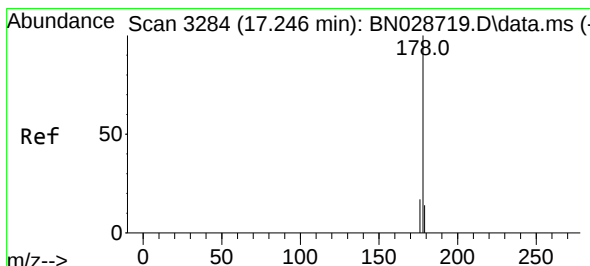
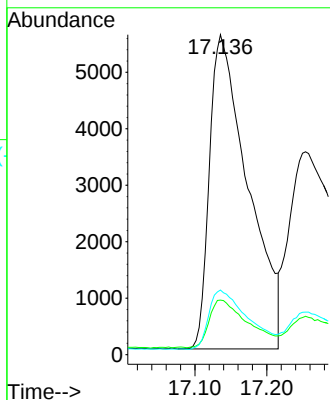
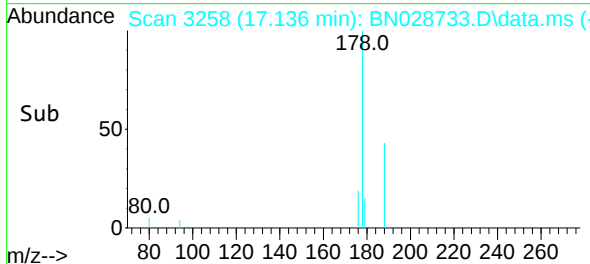
Instrument :
BNA_N
ClientSampleId :
SLCS216



Tgt Ion:178 Resp: 20730
Ion Ratio Lower Upper
178 100
179 17.1 12.4 18.6
176 20.2 15.4 23.2

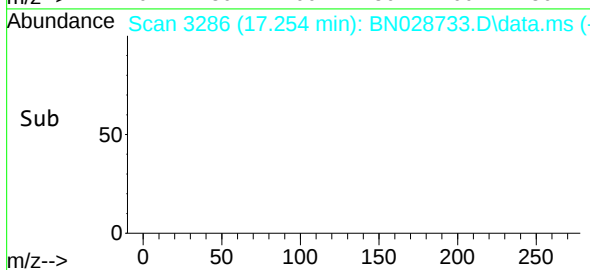
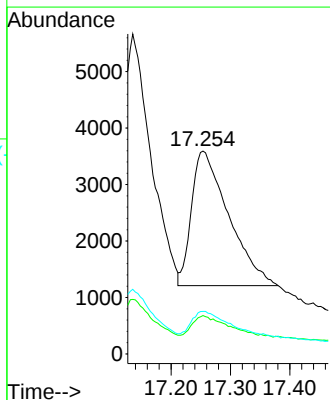
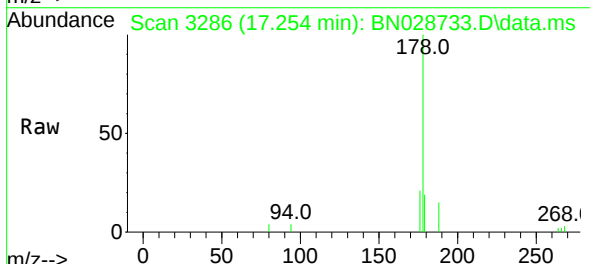
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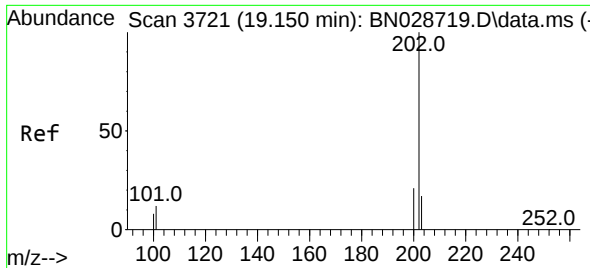
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#16
Anthracene
Concen: 0.224 ng/ul
RT: 17.254 min Scan# 3286
Delta R.T. 0.017 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

Tgt Ion:178 Resp: 10355
Ion Ratio Lower Upper
178 100
179 18.9 12.6 18.8#
176 21.0 14.9 22.3





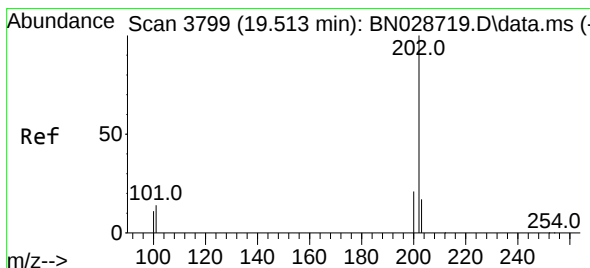
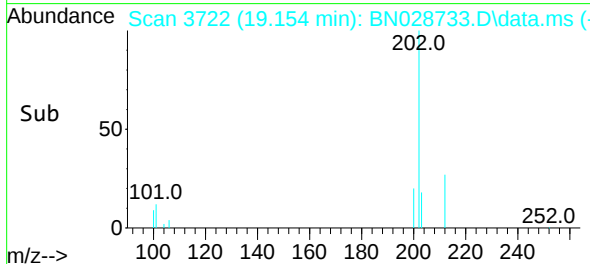
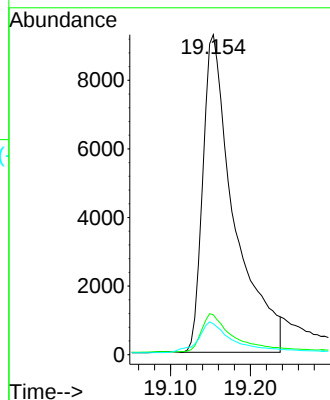
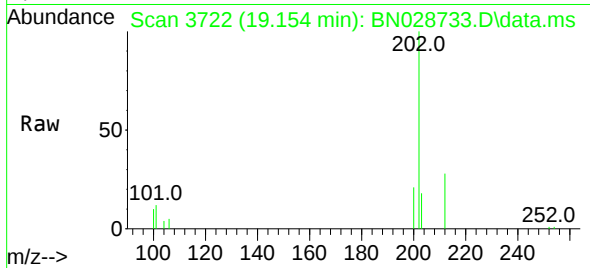
#19
Fluoranthene
Concen: 0.405 ng/u1
RT: 19.154 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

Instrument :
BNA_N
ClientSampleId :
SLCS216

Tgt Ion:202 Resp: 2522
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.6 7.2 10.8

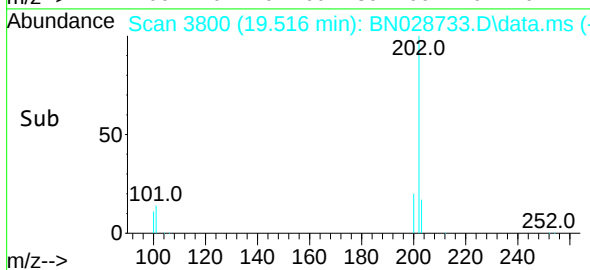
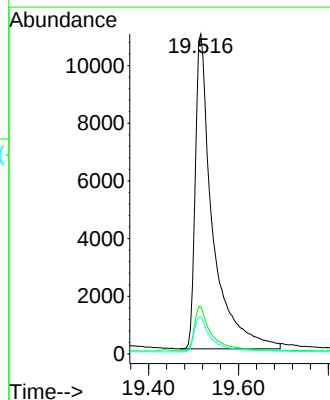
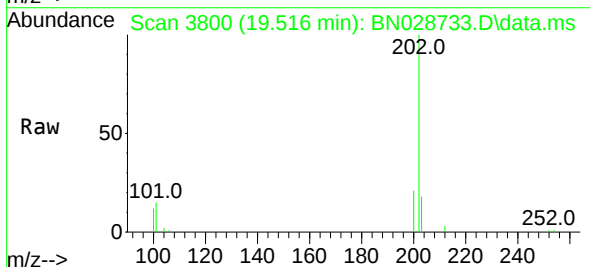
Manual Integrations
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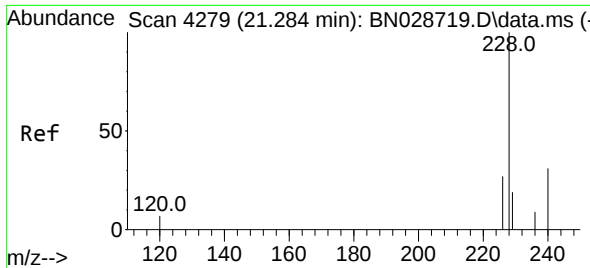
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#20
Pyrene
Concen: 0.454 ng/u1
RT: 19.516 min Scan# 3800
Delta R.T. 0.004 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

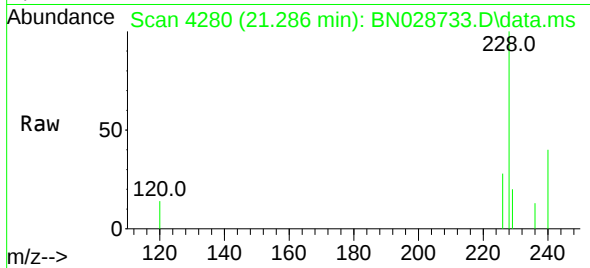
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Ion Ratio Lower Upper
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101 14.8 10.3 15.5
100 11.7 8.2 12.2





#21
Benzo(a)anthracene
Concen: 0.237 ng/ul
RT: 21.286 min Scan# 41
Delta R.T. 0.005 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

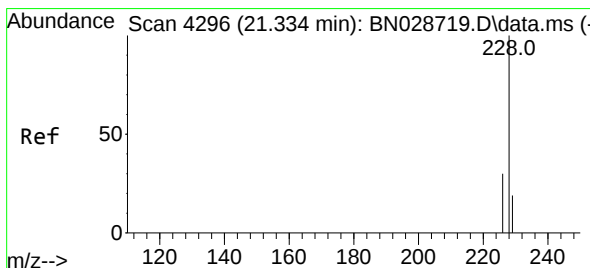
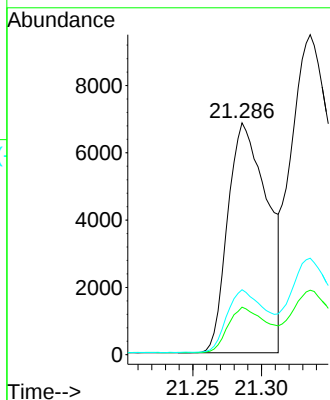
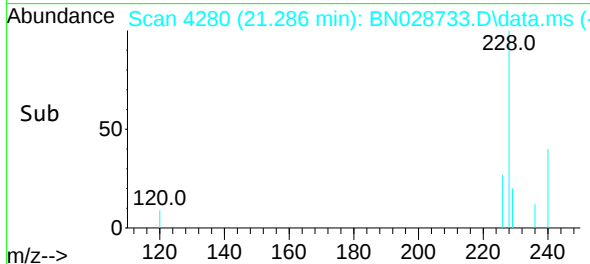
Instrument :
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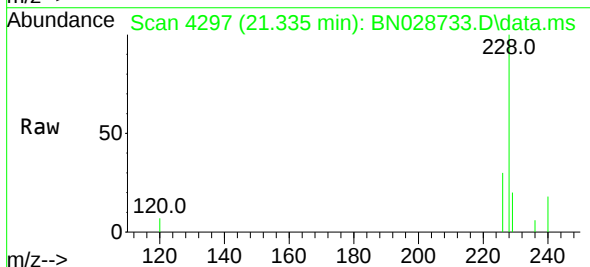
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Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.0 21.4 32.0

Manual Integrations
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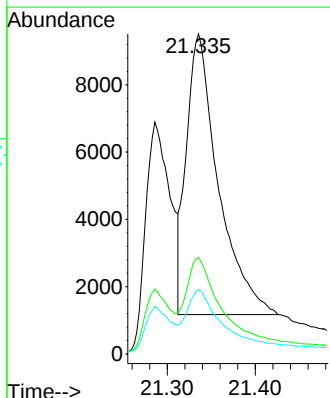
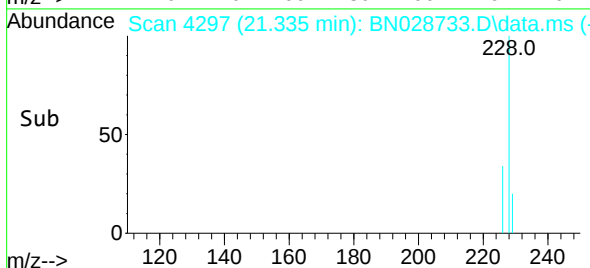
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

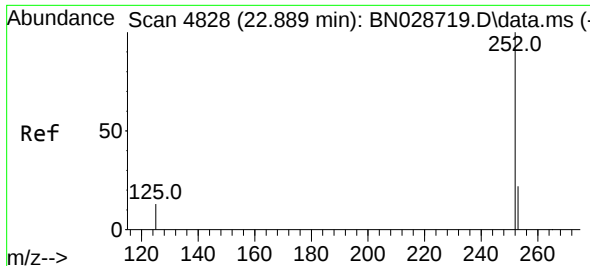


#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.335 min Scan# 4297
Delta R.T. 0.002 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07



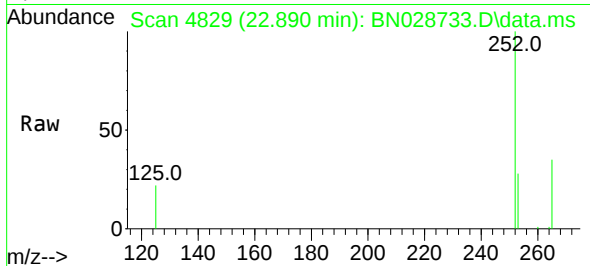
Tgt Ion:228 Resp: 21002
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.2 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.890 min Scan# 4828
Delta R.T. 0.002 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

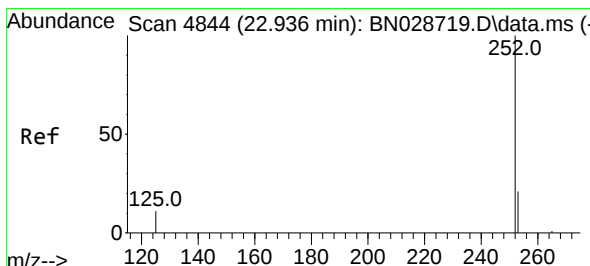
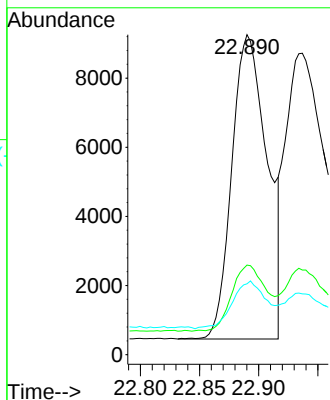
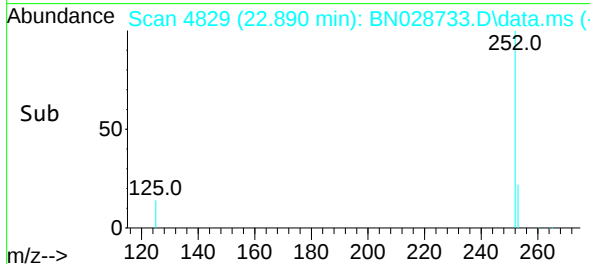
Instrument :
BNA_N
ClientSampleId :
SLCS216



Tgt Ion:252 Resp: 18260
Ion Ratio Lower Upper
252 100
253 28.0 0.0 46.6
125 22.1 0.0 27.6

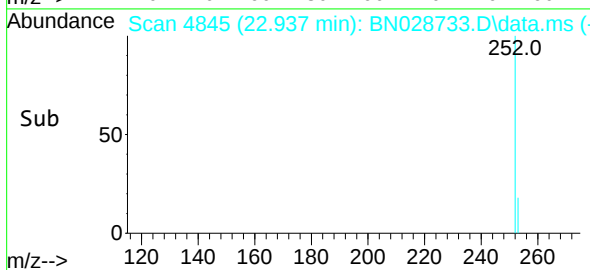
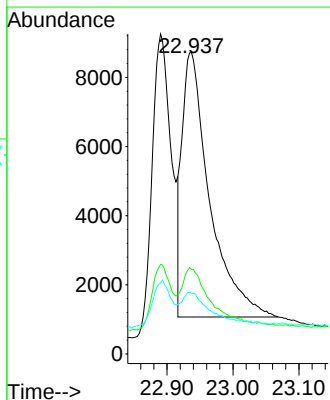
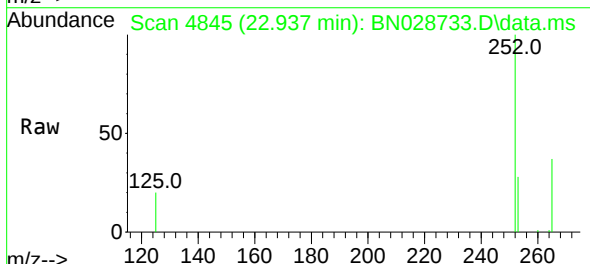
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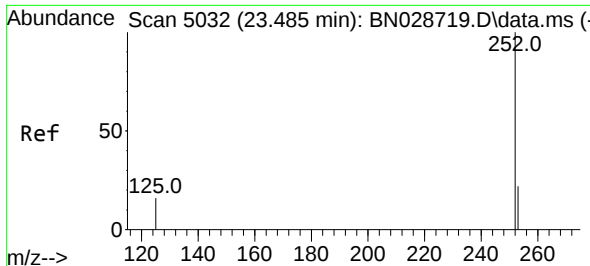
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 22.937 min Scan# 4845
Delta R.T. 0.005 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

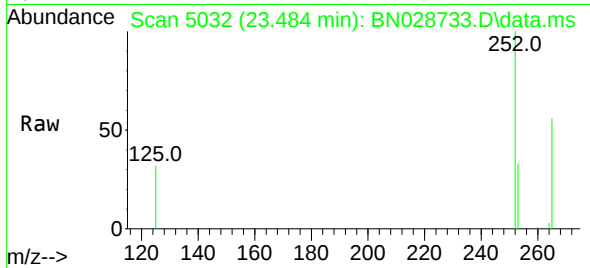
Tgt Ion:252 Resp: 22190
Ion Ratio Lower Upper
252 100
253 28.1 18.6 28.0#
125 20.2 12.7 19.1#





#26
Benzo(a)pyrene
Concen: 0.378 ng/ul
RT: 23.484 min Scan# 5032
Delta R.T. 0.002 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

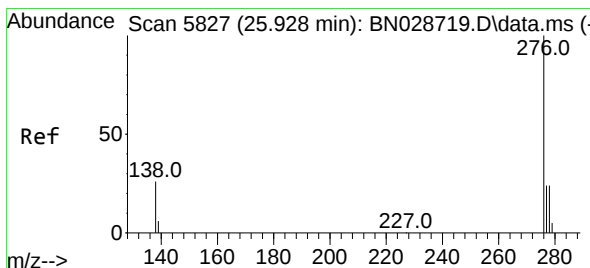
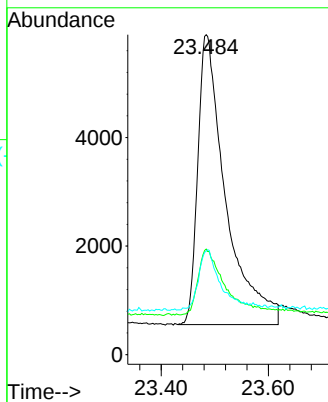
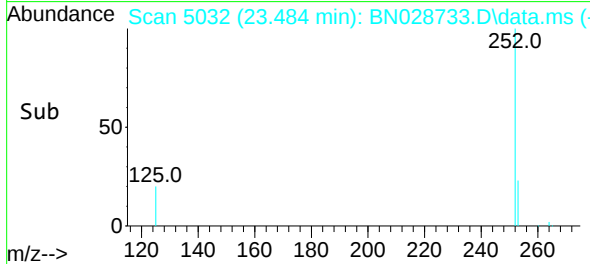
Instrument :
BNA_N
ClientSampleId :
SLCS216



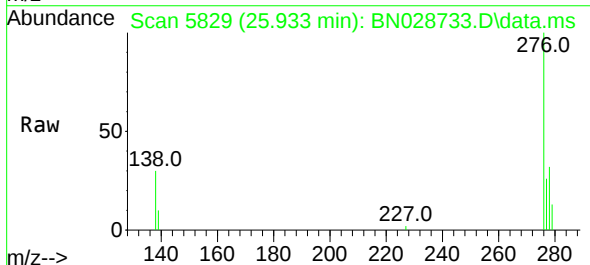
Tgt Ion:252 Resp: 1934
Ion Ratio Lower Upper
252 100
253 33.0 19.0 28.6
125 32.4 13.2 19.8

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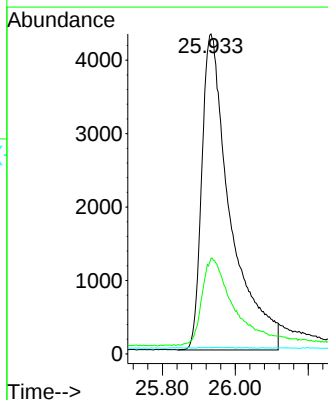
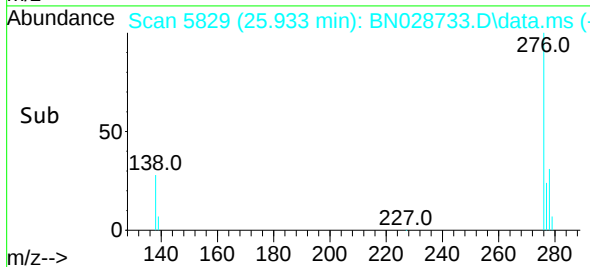
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

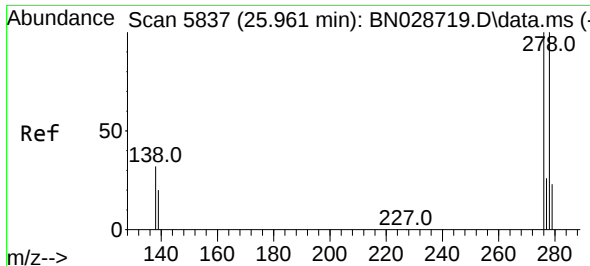


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.411 ng/ul
RT: 25.933 min Scan# 5829
Delta R.T. 0.003 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07



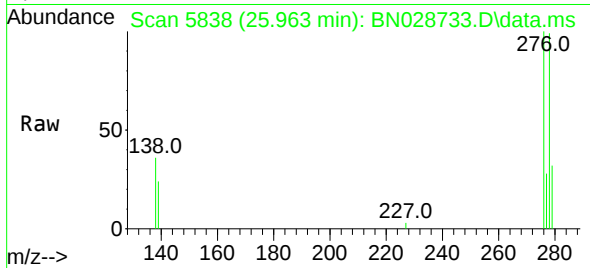
Tgt Ion:276 Resp: 23343
Ion Ratio Lower Upper
276 100
138 30.4 23.8 35.6
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.383 ng/ul
RT: 25.963 min Scan# 5837
Delta R.T. 0.006 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07

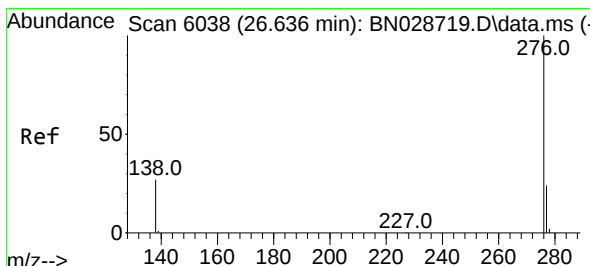
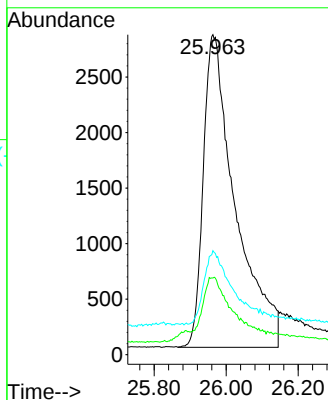
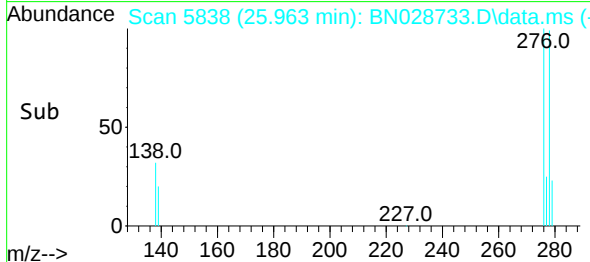
Instrument :
BNA_N
ClientSampleId :
SLCS216



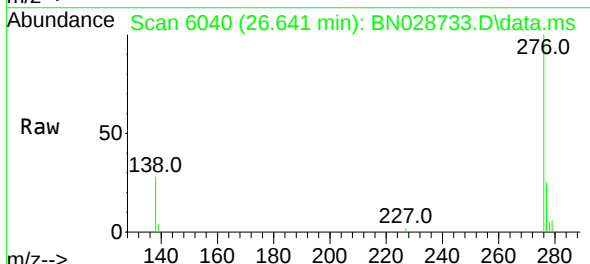
Tgt Ion:278 Resp: 1739
Ion Ratio Lower Upper
278 100
139 24.0 18.2 27.4
279 32.5 20.7 31.1

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Supervised By :mohammad ahmed 11/20/2023



#29
Benzo(g,h,i)perylene
Concen: 0.454 ng/ul
RT: 26.641 min Scan# 6040
Delta R.T. -0.001 min
Lab File: BN028733.D
Acq: 18 Nov 2023 11:07



Tgt Ion:276 Resp: 21144
Ion Ratio Lower Upper
276 100
138 28.0 20.5 30.7
277 25.4 19.4 29.0

