

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028732.D
 Acq On : 18 Nov 2023 10:31
 Operator : MA/JU
 Sample : PB157214BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS214

Manual Integrations
 APPROVED

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

Quant Time: Nov 18 23:01:16 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	7.879	152	6379m	0.400	ng/ul	0.08
4) Naphthalene-d8	10.506	136	20027m	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.326	164	13630	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.090	188	21299	0.400	ng/ul	0.00
17) Chrysene-d12	21.293	240	19185	0.400	ng/ul	# 0.00
23) Perylene-d12	23.579	264	17118	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	5821m	0.826	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.129	152	5263	0.175	ng/ul	0.02
18) Fluoranthene-d10	19.123	212	24206	0.392	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.150	88	16933m	2.173	ng/ul	
5) Naphthalene	10.550	128	15035	0.268	ng/ul#	95
7) 2-Methylnaphthalene	12.200	142	5645	0.153	ng/ul	97
8) 1-Methylnaphthalene	12.371	142	9863	0.263	ng/ul	98
10) Acenaphthylene	14.053	152	21179	0.311	ng/ul	98
11) Acenaphthene	14.386	153	17564	0.351	ng/ul	99
12) Fluorene	15.399	166	15373	0.264	ng/ul	99
14) Pentachlorophenol	16.744	266	3049	0.596	ng/ul	100
15) Phenanthrene	17.132	178	24631	0.376	ng/ul	97
16) Anthracene	17.246	178	12688	0.211	ng/ul	96
19) Fluoranthene	19.151	202	30452	0.373	ng/ul	99
20) Pyrene	19.513	202	35533	0.420	ng/ul	97
21) Benzo(a)anthracene	21.284	228	19012	0.251	ng/ul	98
22) Chrysene	21.331	228	25663	0.346	ng/ul	100
24) Benzo(b)fluoranthene	22.889	252	21654	0.337	ng/ul	89
25) Benzo(k)fluoranthene	22.936	252	26124	0.388	ng/ul	92
26) Benzo(a)pyrene	23.479	252	22135	0.365	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.931	276	24750	0.368	ng/ul#	45
28) Dibenzo(a,h)anthracene	25.961	278	18508	0.344	ng/ul#	93
29) Benzo(g,h,i)perylene	26.639	276	22267	0.404	ng/ul	95

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

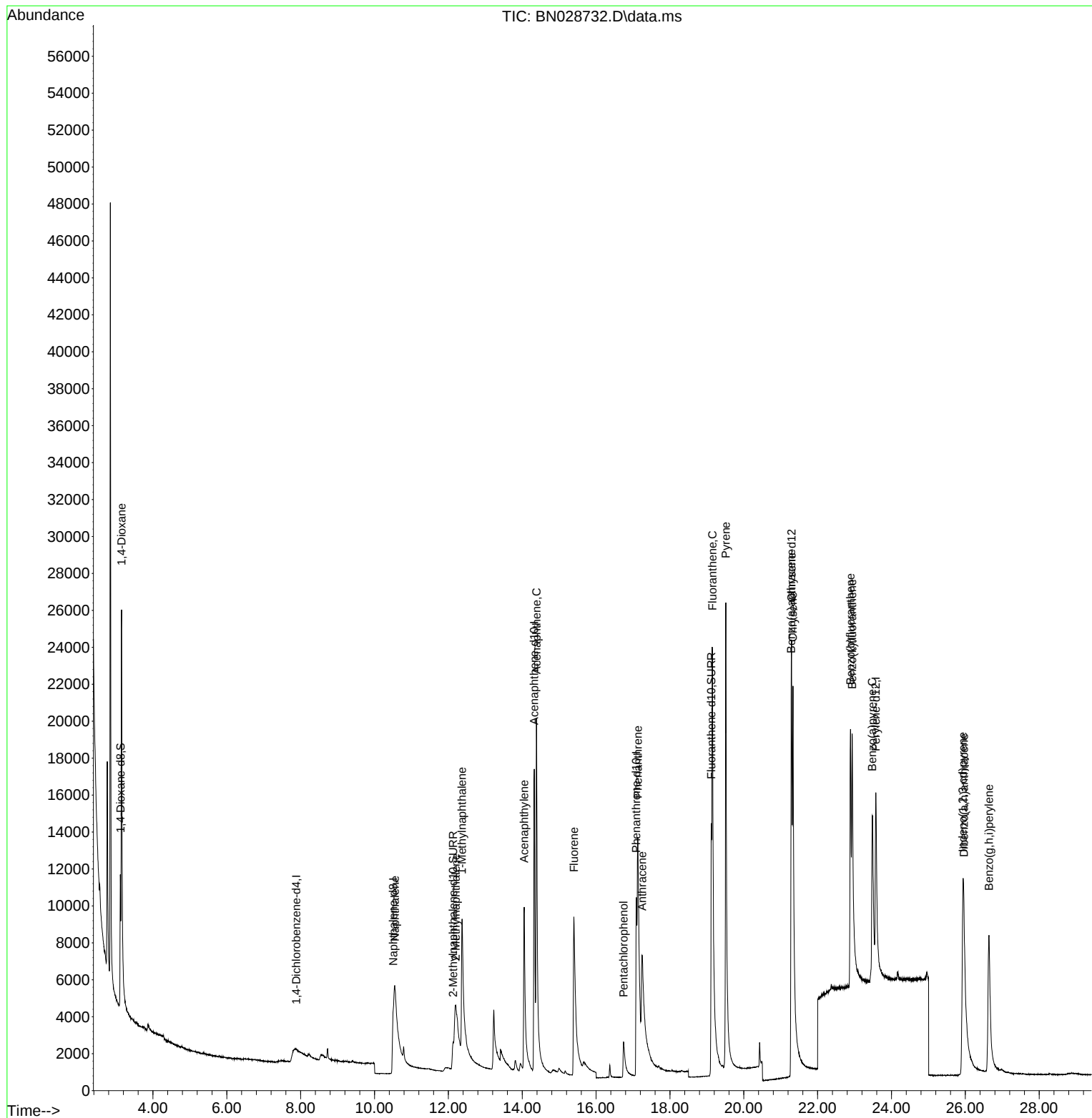
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028732.D
Acq On : 18 Nov 2023 10:31
Operator : MA/JU
Sample : PB157214BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

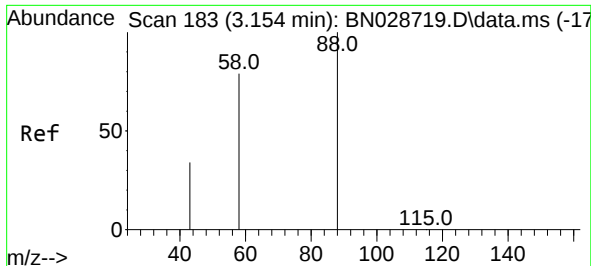
Instrument :
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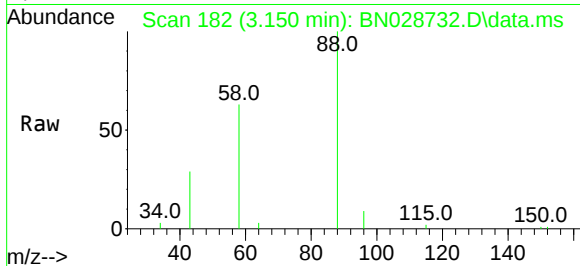
Quant Time: Nov 18 23:01:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.173 ng/ul m
RT: 3.150 min Scan# 183
Delta R.T. -0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

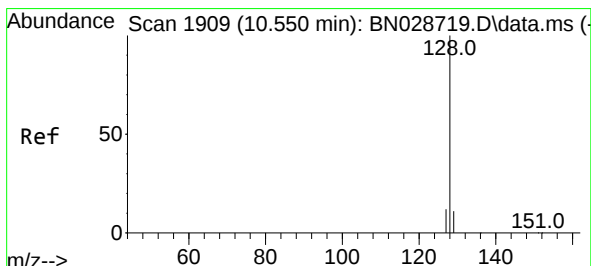
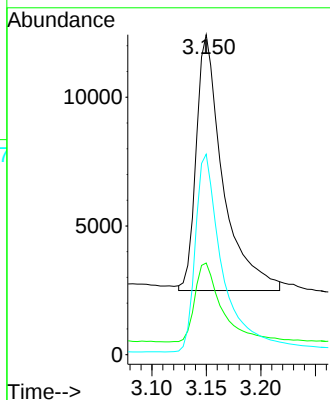
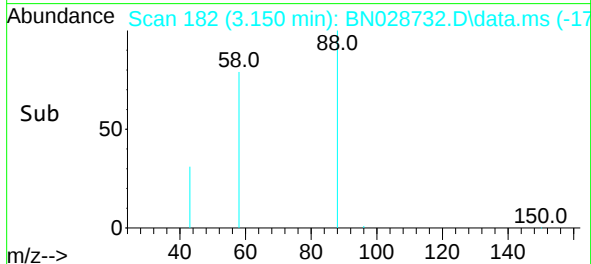
Instrument :
BNA_N
ClientSampleId :
SLCS214



Tgt Ion: 88 Resp: 1693
Ion Ratio Lower Upper
88 100
43 28.7 32.9 49.3
58 62.6 41.8 62.8

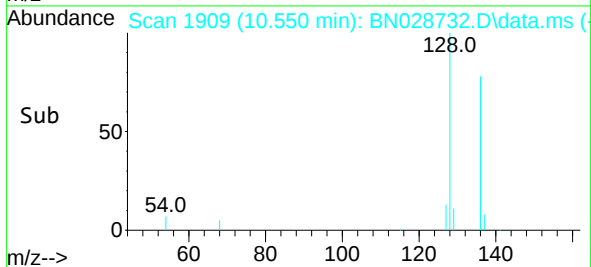
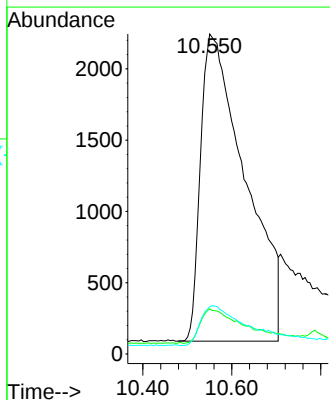
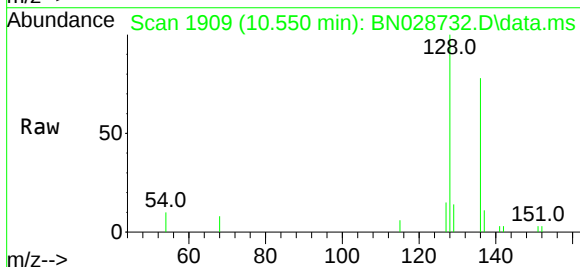
Manual Integrations
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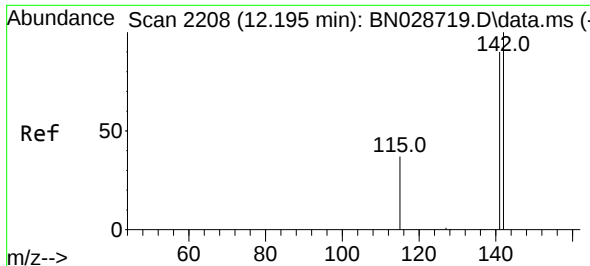
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.550 min Scan# 1909
Delta R.T. 0.016 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

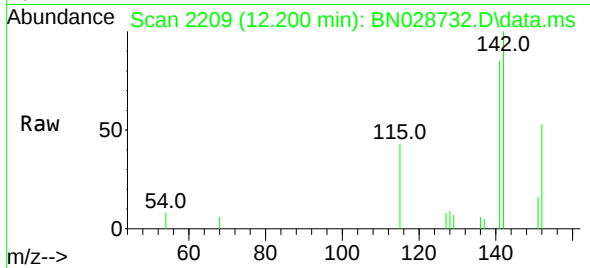
Tgt Ion:128 Resp: 15035
Ion Ratio Lower Upper
128 100
129 14.2 9.2 13.8
127 14.8 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.153 ng/ul
RT: 12.200 min Scan# 2209
Delta R.T. 0.027 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

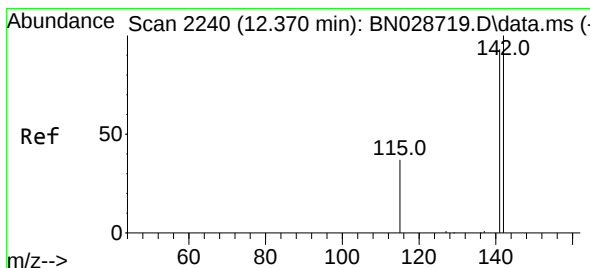
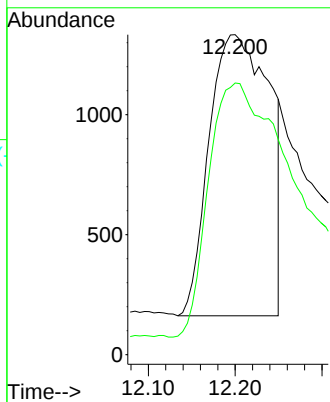
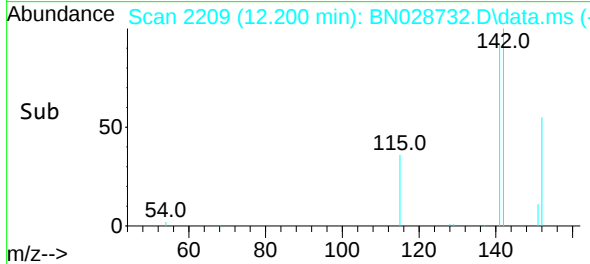
Instrument :
BNA_N
ClientSampleId :
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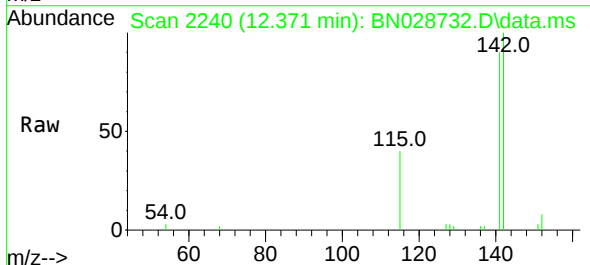
Tgt Ion:142 Resp: 5649
Ion Ratio Lower Upper
142 100
141 91.4 70.8 106.2

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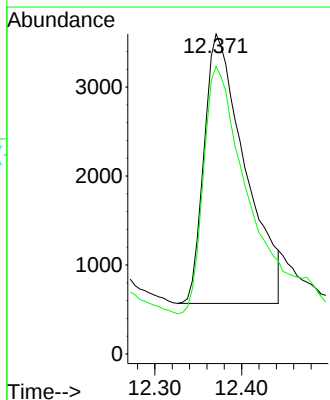
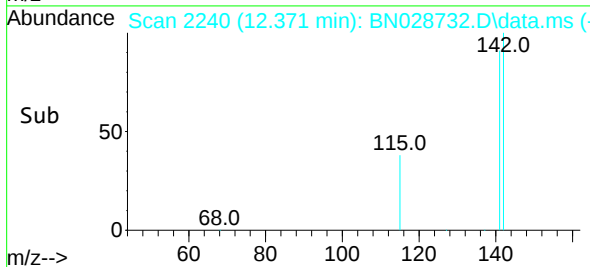
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

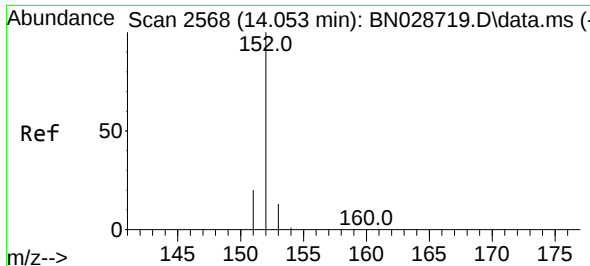


#8
1-Methylnaphthalene
Concen: 0.263 ng/ul
RT: 12.371 min Scan# 2240
Delta R.T. 0.005 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



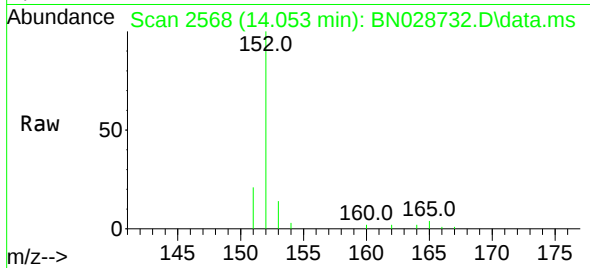
Tgt Ion:142 Resp: 9863
Ion Ratio Lower Upper
142 100
141 94.6 74.1 111.1





#10
Acenaphthylene
Concen: 0.311 ng/ul
RT: 14.053 min Scan# 2568
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

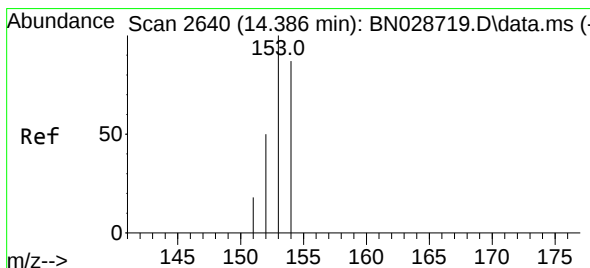
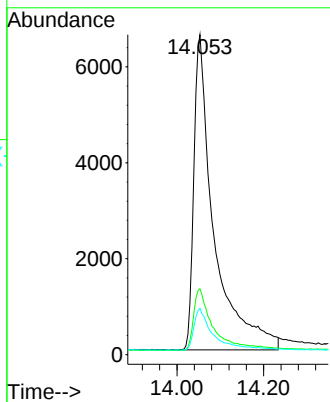
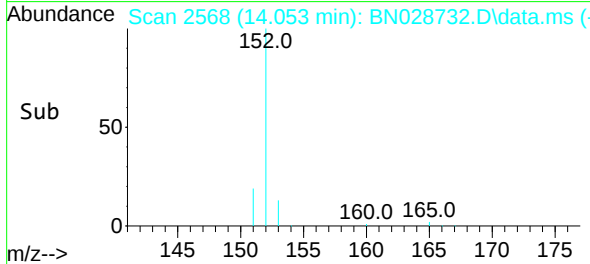
Instrument :
BNA_N
ClientSampleId :
SLCS214



Tgt Ion:152 Resp: 21179
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.4 10.6 15.8

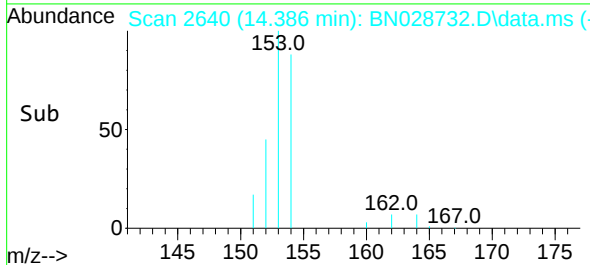
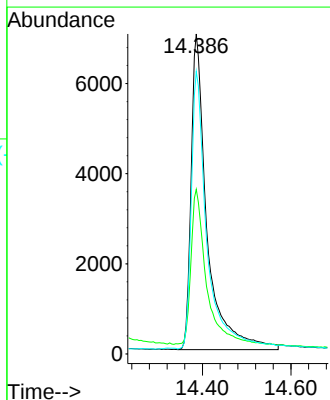
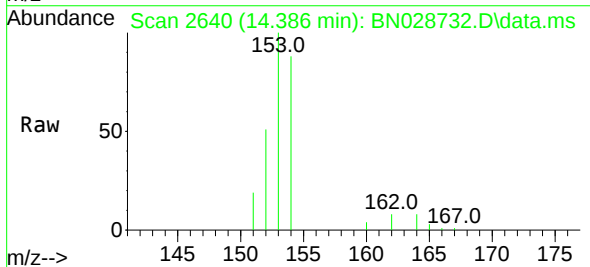
Manual Integrations
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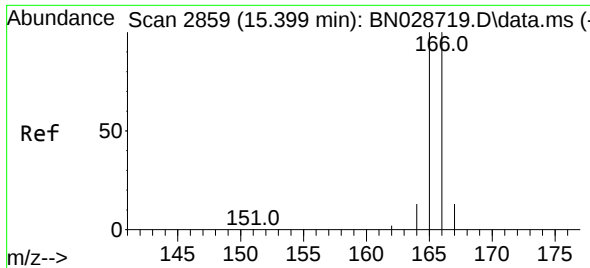
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.386 min Scan# 2640
Delta R.T. -0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

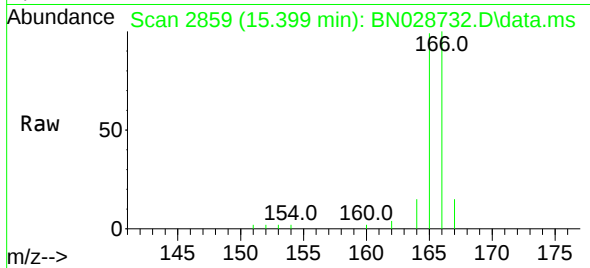
Tgt Ion:153 Resp: 17564
Ion Ratio Lower Upper
153 100
152 51.4 39.6 59.4
154 88.3 71.0 106.6





#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.399 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

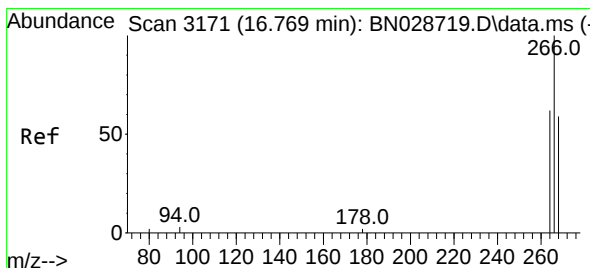
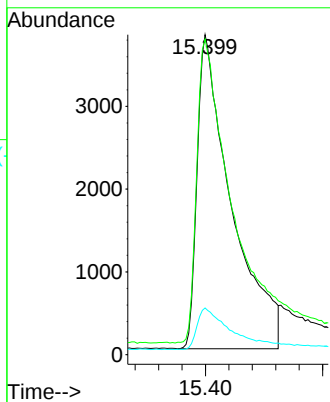
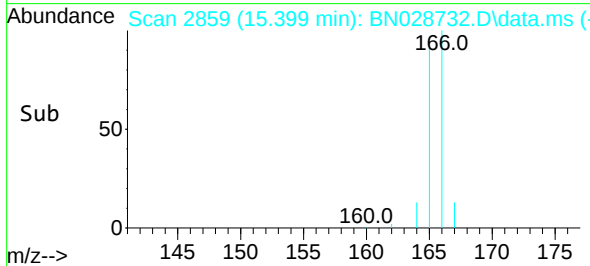
Instrument :
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ClientSampleId :
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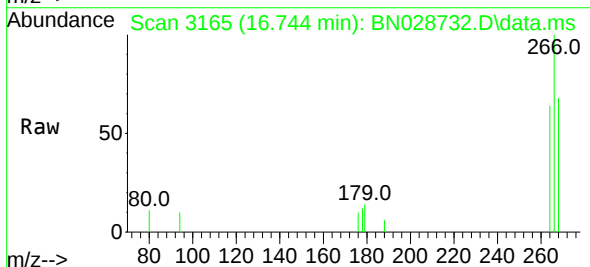
Tgt Ion:166 Resp: 1537
Ion Ratio Lower Upper
166 100
165 98.7 78.6 118.0
167 14.6 11.0 16.6

Manual Integrations
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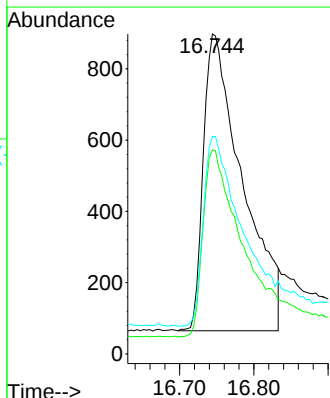
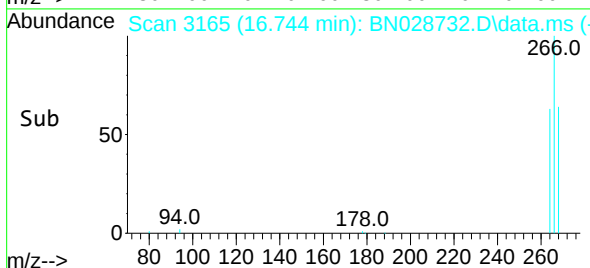
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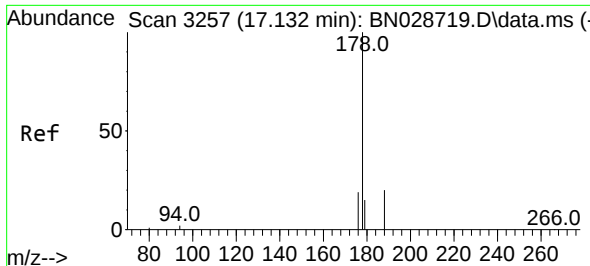


#14
Pentachlorophenol
Concen: 0.596 ng/ul
RT: 16.744 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



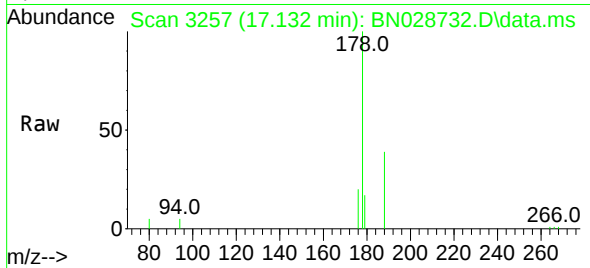
Tgt Ion:266 Resp: 3049
Ion Ratio Lower Upper
266 100
264 62.8 50.1 75.1
268 63.4 50.6 75.8





#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 17.132 min Scan# 3257
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

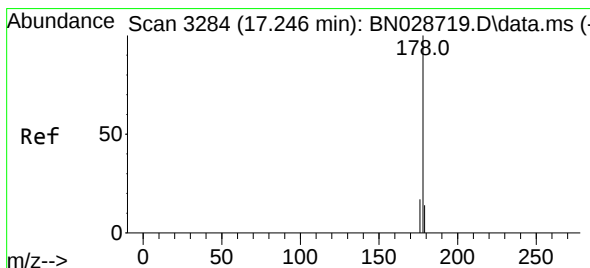
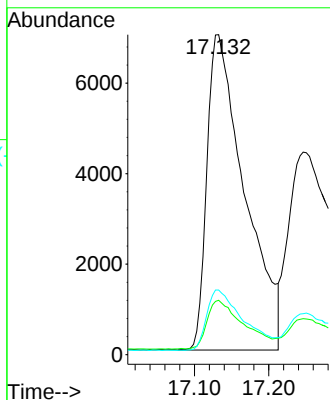
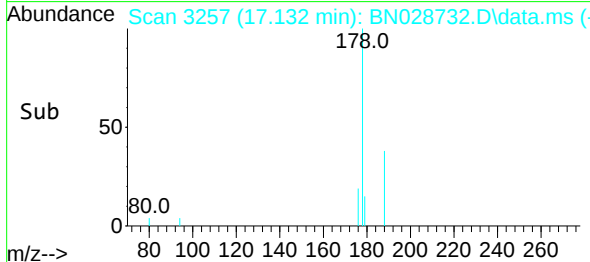
Instrument :
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ClientSampleId :
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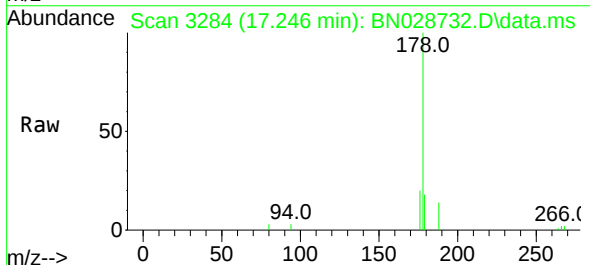
Tgt Ion:178 Resp: 2463
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 20.2 15.4 23.2

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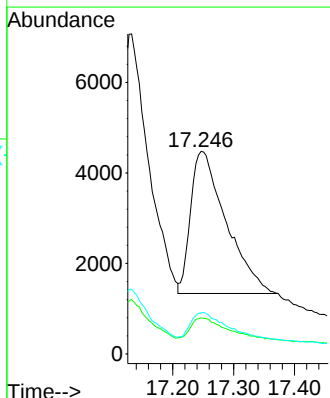
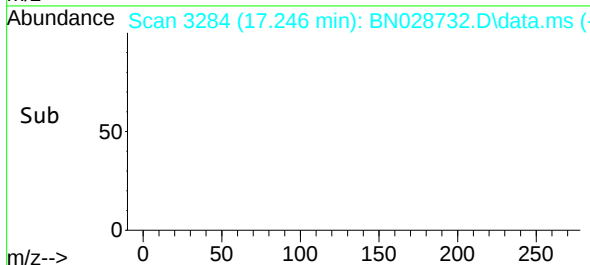
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

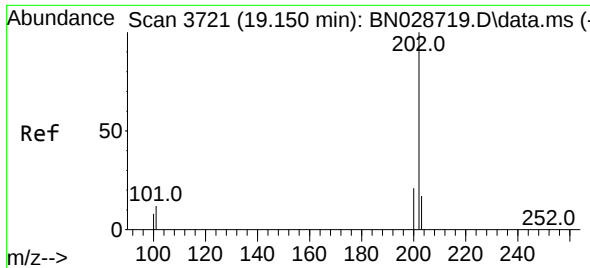


#16
Anthracene
Concen: 0.211 ng/ul
RT: 17.246 min Scan# 3284
Delta R.T. 0.009 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



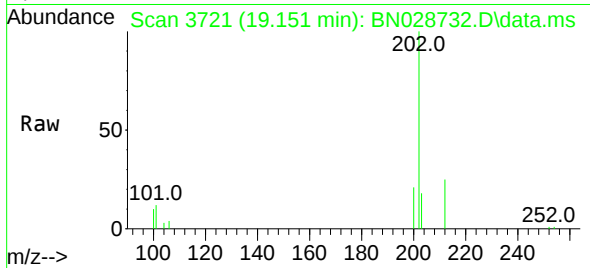
Tgt Ion:178 Resp: 12688
Ion Ratio Lower Upper
178 100
179 17.8 12.6 18.8
176 20.2 14.9 22.3





#19
Fluoranthene
Concen: 0.373 ng/u1
RT: 19.151 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

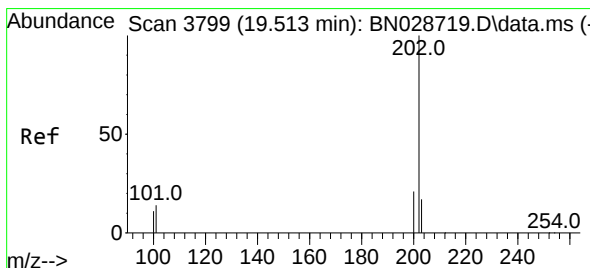
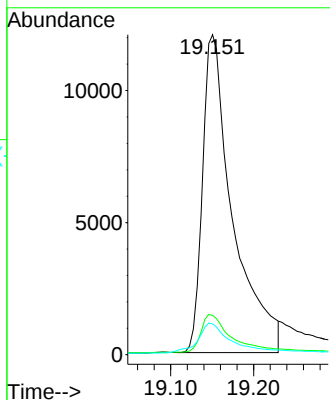
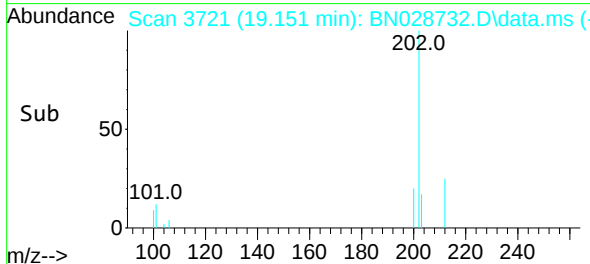
Instrument :
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SLCS214



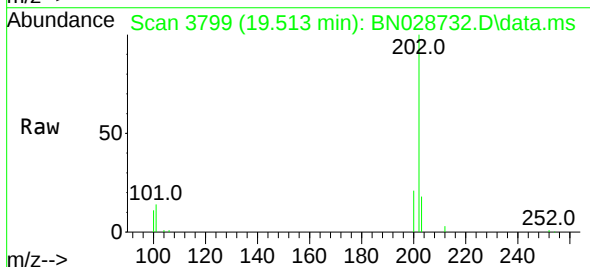
Tgt Ion:202 Resp: 30452
Ion Ratio Lower Upper
202 100
101 12.3 9.5 14.3
100 9.6 7.2 10.8

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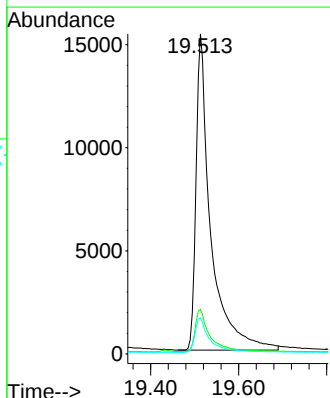
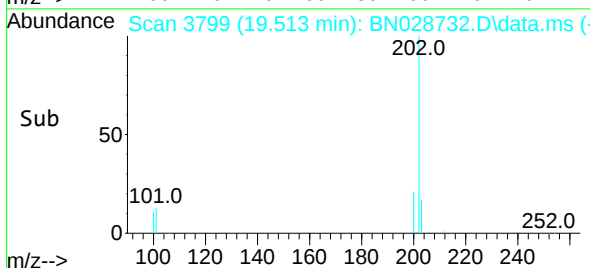
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

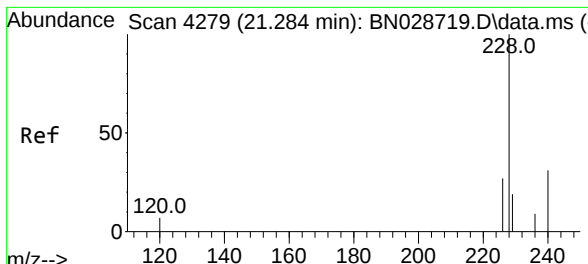


#20
Pyrene
Concen: 0.420 ng/u1
RT: 19.513 min Scan# 3799
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



Tgt Ion:202 Resp: 35533
Ion Ratio Lower Upper
202 100
101 13.9 10.3 15.5
100 11.3 8.2 12.2



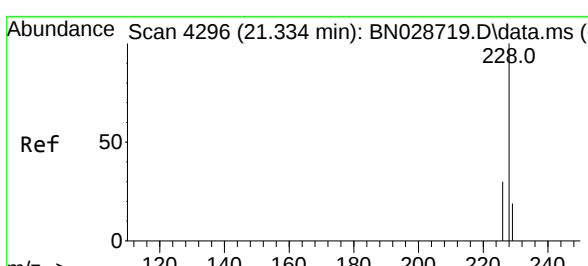
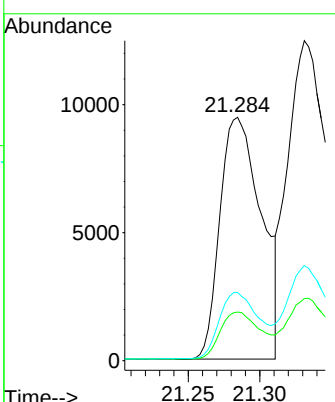
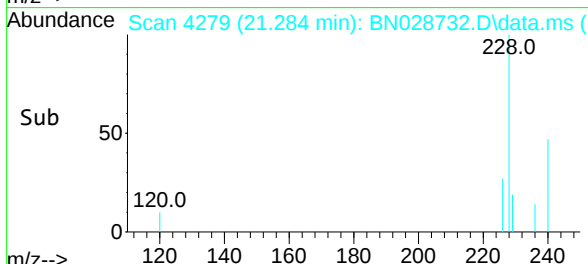
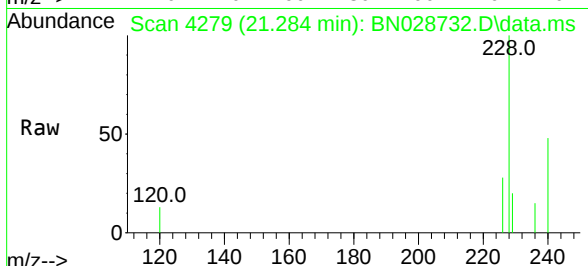


#21
Benzo(a)anthracene
Concen: 0.251 ng/ul
RT: 21.284 min Scan# 4279
Delta R.T. 0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

Instrument : BNA_N
ClientSampleId : SLCS214

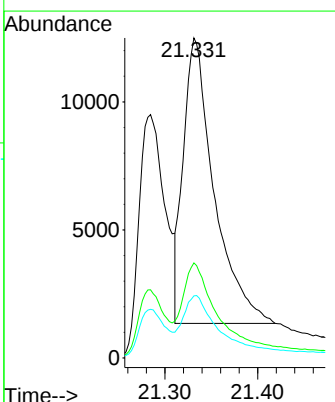
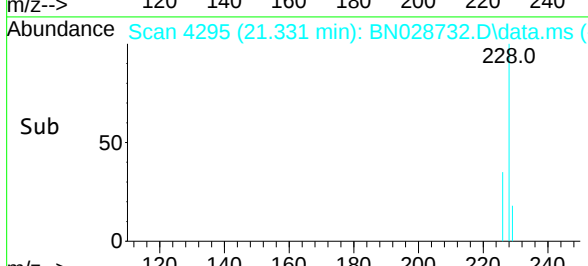
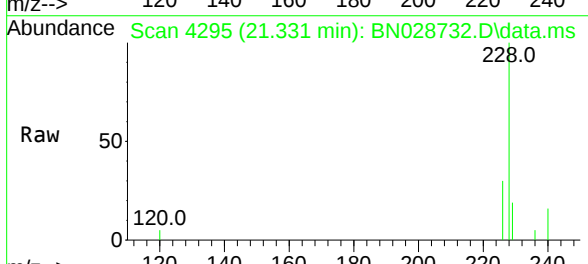
Tgt Ion:	228	Resp:	1901
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.7	23.5
226	28.0	21.4	32.0

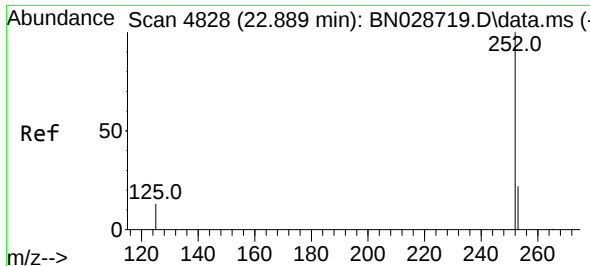
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.331 min Scan# 4295
Delta R.T. -0.002 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

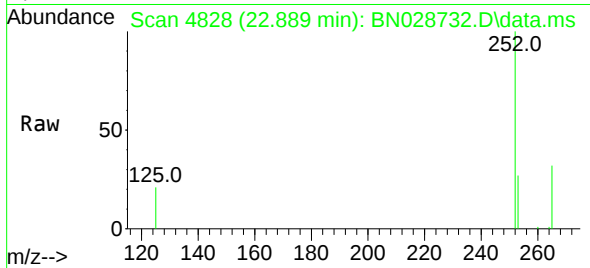
Tgt Ion:	228	Resp:	25663
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.8	35.8
229	19.4	15.4	23.2





#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 22.889 min Scan# 4828
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

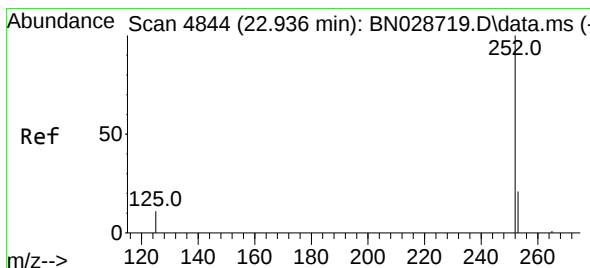
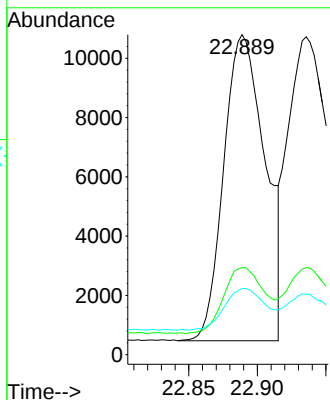
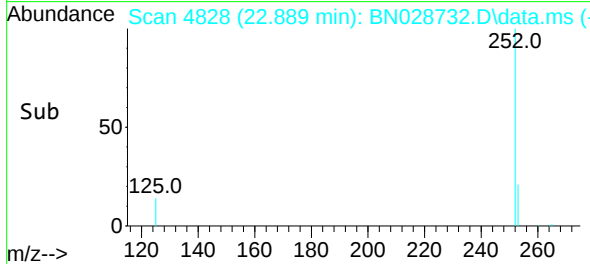
Instrument :
BNA_N
ClientSampleId :
SLCS214



Tgt Ion:252 Resp: 21654
Ion Ratio Lower Upper
252 100
253 27.3 0.0 46.6
125 20.7 0.0 27.6

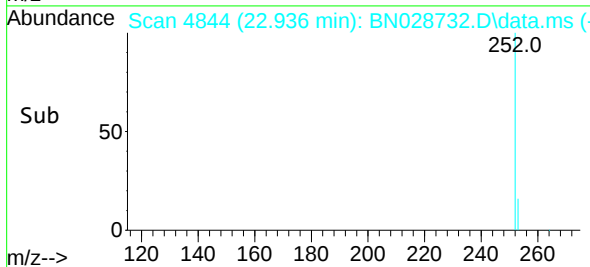
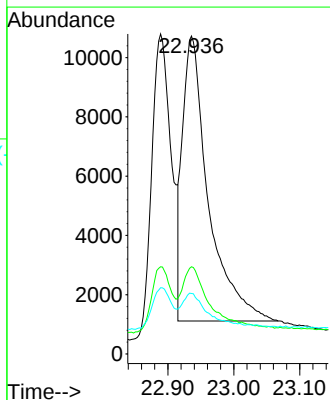
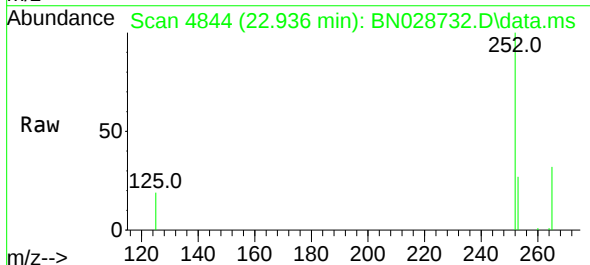
Manual Integrations
APPROVED

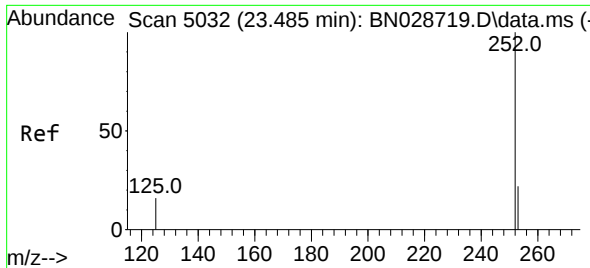
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.936 min Scan# 4844
Delta R.T. 0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

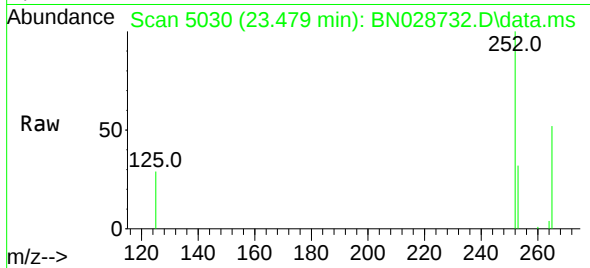
Tgt Ion:252 Resp: 26124
Ion Ratio Lower Upper
252 100
253 27.4 18.6 28.0
125 19.0 12.7 19.1





#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.479 min Scan# 5032
Delta R.T. -0.002 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

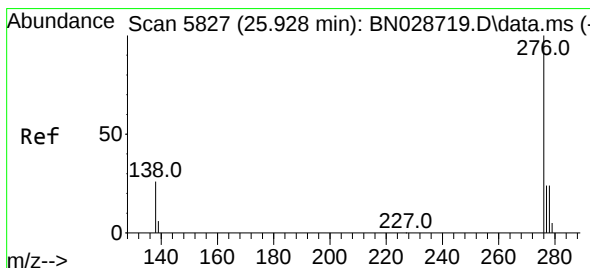
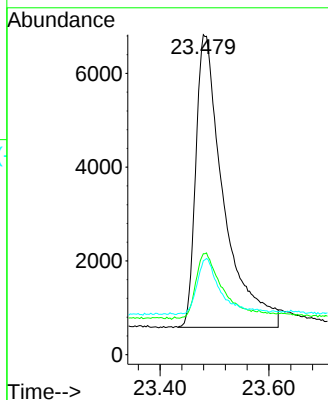
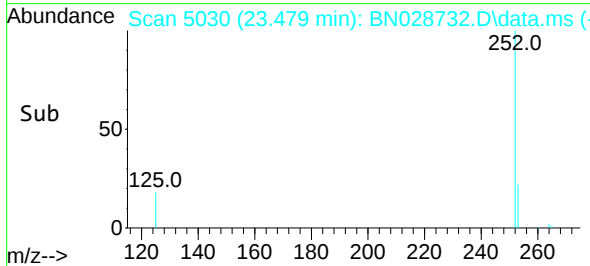
Instrument :
BNA_N
ClientSampleId :
SLCS214



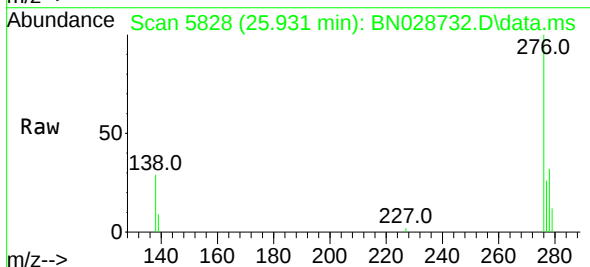
Tgt Ion:252 Resp: 22135
Ion Ratio Lower Upper
252 100
253 31.6 19.0 28.6
125 29.4 13.2 19.8

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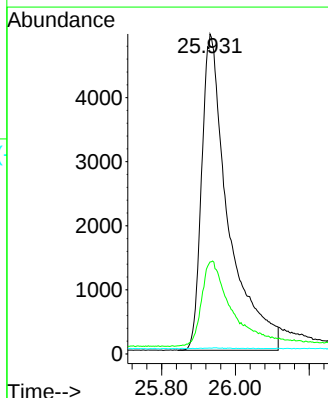
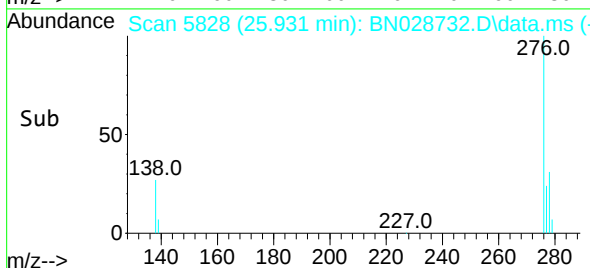
Reviewed By :Yogesh Patel 11/19/2023
Supervised By :mohammad ahmed 11/20/2023

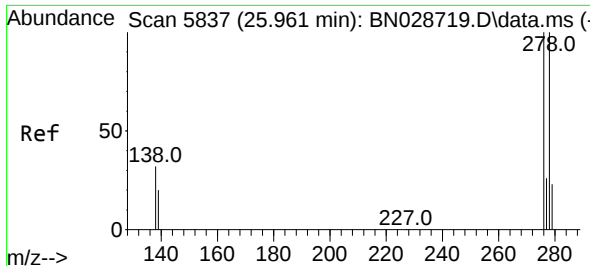


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 25.931 min Scan# 5828
Delta R.T. 0.001 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



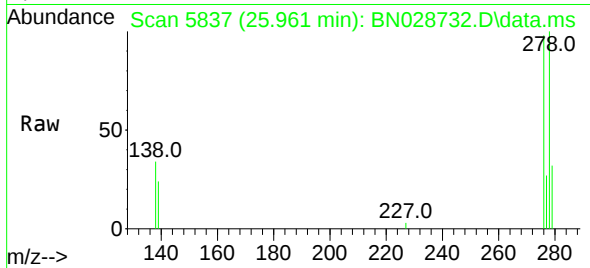
Tgt Ion:276 Resp: 24750
Ion Ratio Lower Upper
276 100
138 0.0 23.8 35.6#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.961 min Scan# 5837
Delta R.T. 0.004 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31

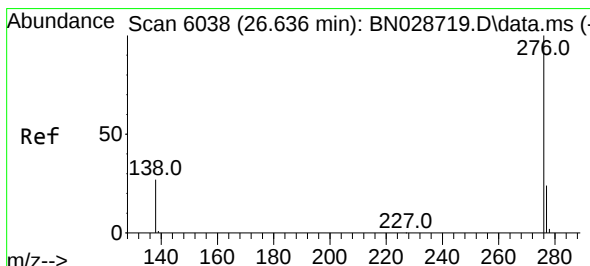
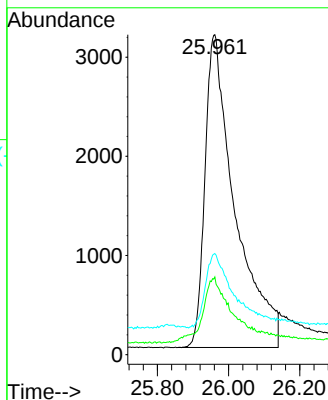
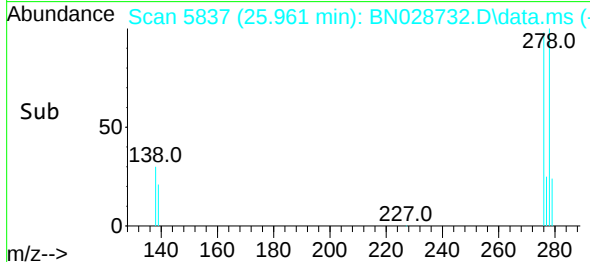
Instrument :
BNA_N
ClientSampleId :
SLCS214



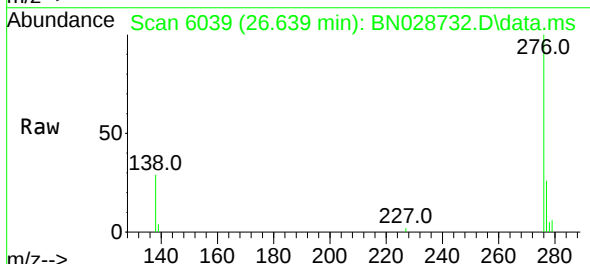
Tgt Ion: 278 Resp: 18508
Ion Ratio Lower Upper
278 100
139 24.3 18.2 27.4
279 31.6 20.7 31.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.639 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BN028732.D
Acq: 18 Nov 2023 10:31



Tgt Ion: 276 Resp: 22267
Ion Ratio Lower Upper
276 100
138 29.3 20.5 30.7
277 25.5 19.4 29.0

