

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032912.D
 Acq On : 23 Jul 2024 15:55
 Operator : MA/JU
 Sample : P3178-13DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 23 16:20:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5351	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	18389	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.175	164	10723	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188	17537	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	12730	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15404	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	3998	0.622	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.905	152	1212	0.044	ng/ul	-0.02
18) Fluoranthene-d10	18.980	212	1809	0.044	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.892	152	977	0.023	ng/ul#	75
11) Acenaphthene	14.239	153	843	0.024	ng/ul	95
12) Fluorene	15.239	166	915	0.022	ng/ul#	97
15) Phenanthrene	16.978	178	15297	0.320	ng/ul	100
16) Anthracene	17.075	178	2690	0.069	ng/ul#	86
19) Fluoranthene	19.013	202	32299	0.624	ng/ul	99
20) Pyrene	19.375	202	19496	0.364	ng/ul	98
21) Benzo(a)anthracene	21.141	228	15700	0.387	ng/ul	95
22) Chrysene	21.194	228	16309	0.278	ng/ul	96
24) Benzo(b)fluoranthene	22.693	252	26869m	0.494	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	9618m	0.145	ng/ul	
26) Benzo(a)pyrene	23.254	252	6599	0.140	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.562	276	8630	0.136	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.549	278	3130	0.063	ng/ul#	26
29) Benzo(g,h,i)perylene	26.240	276	1311	0.025	ng/ul#	3

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

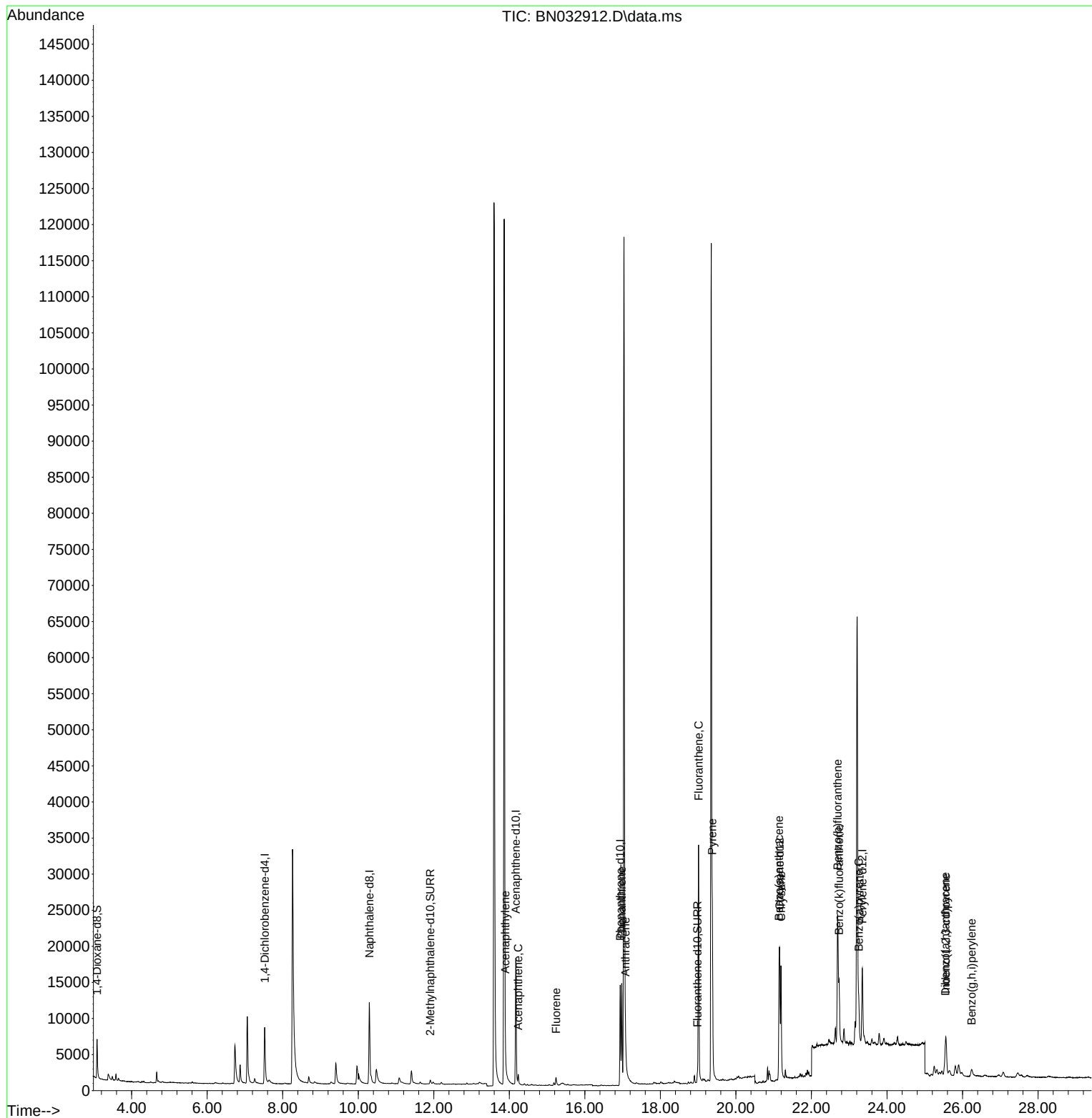
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032912.D
Acq On : 23 Jul 2024 15:55
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Misc :
ALS Vial : 21 Sample Multiplier: 1

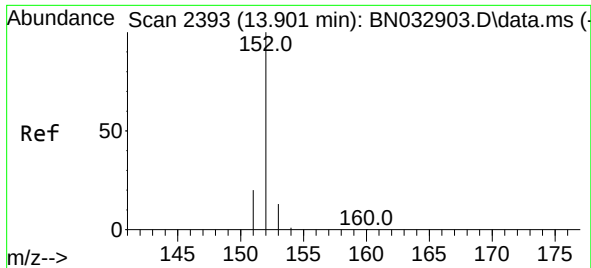
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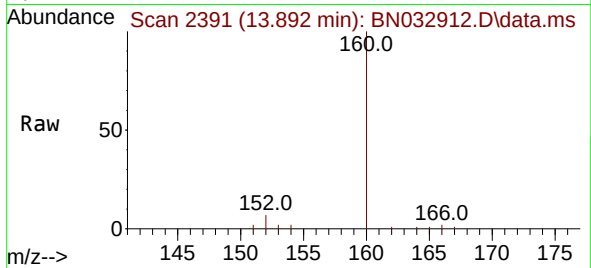
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.023 ng/u1
RT: 13.892 min Scan# 21
Delta R.T. -0.022 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

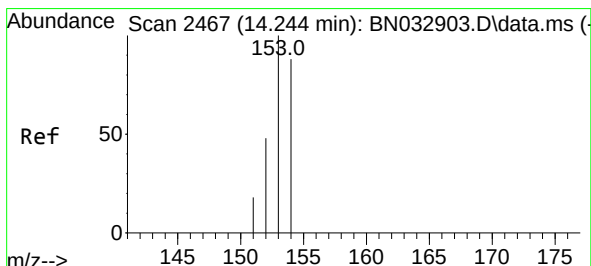
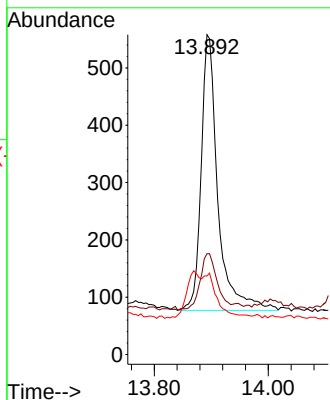
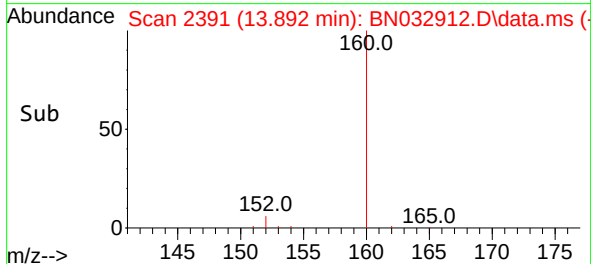
Instrument :
BNA_N
ClientSampleId :
A4BT8DL



Tgt Ion:152 Resp: 97
Ion Ratio Lower Upper
152 100
151 31.5 16.3 24.5
153 24.6 11.3 16.9

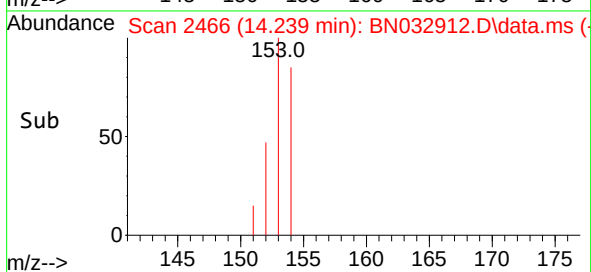
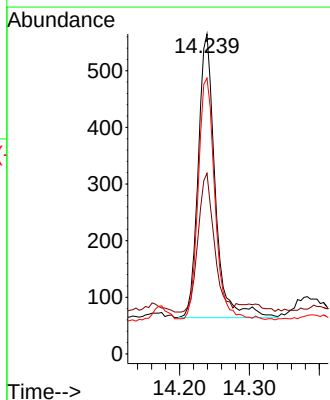
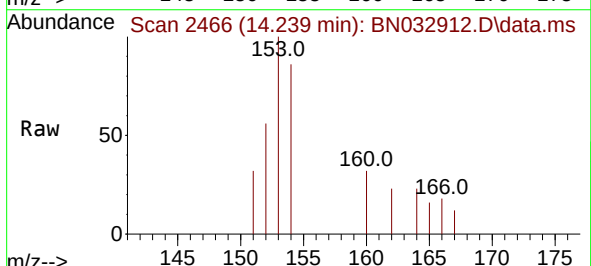
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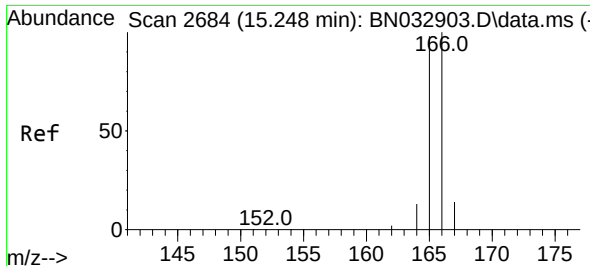
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#11
Acenaphthene
Concen: 0.024 ng/u1
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

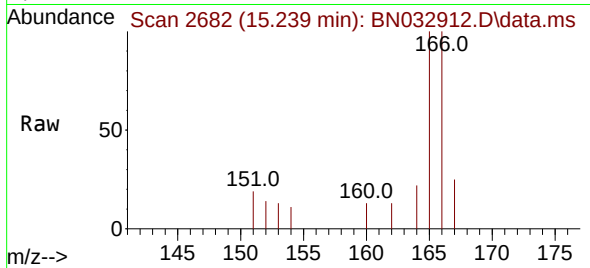
Tgt Ion:153 Resp: 843
Ion Ratio Lower Upper
153 100
152 56.5 40.0 60.0
154 86.2 70.2 105.4





#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

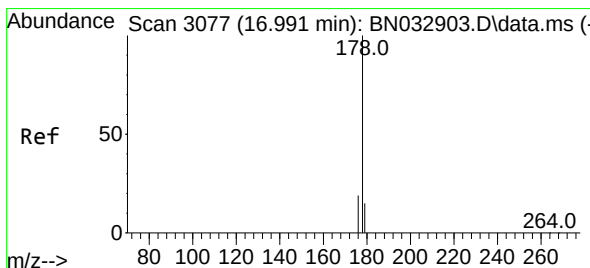
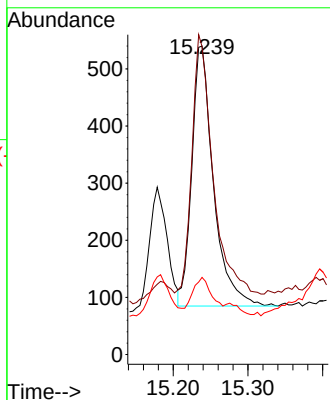
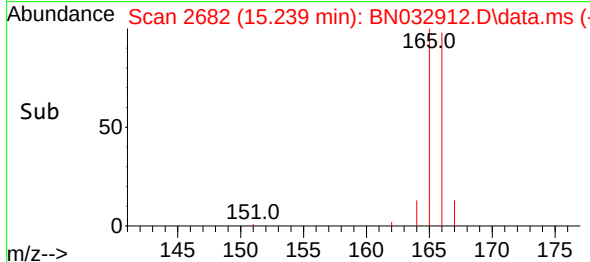
Instrument :
BNA_N
ClientSampleId :
A4BT8DL



Tgt Ion:166 Resp: 911
Ion Ratio Lower Upper
166 100
165 99.8 79.7 119.5
167 25.0 11.4 17.2

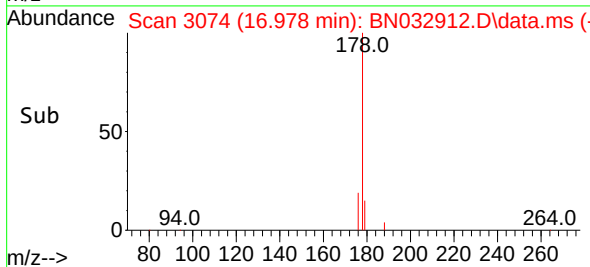
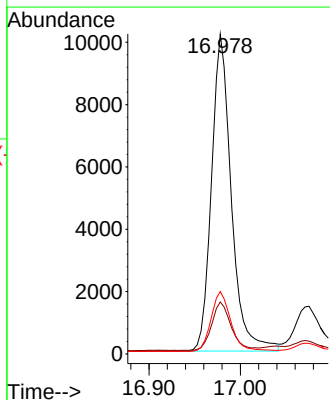
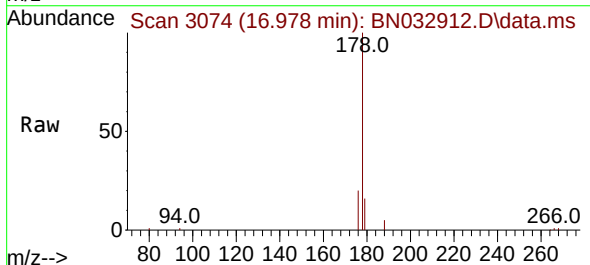
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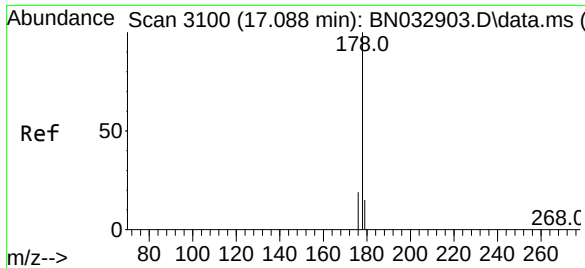
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.320 ng/u1
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

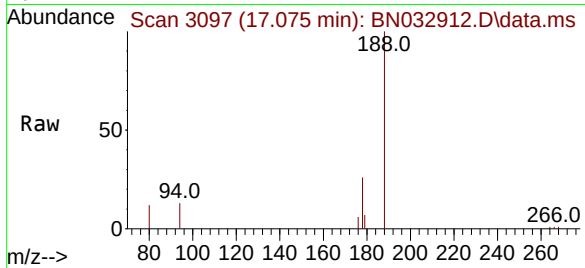
Tgt Ion:178 Resp: 15297
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 0.069 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032912.D
 Acq: 23 Jul 2024 15:55

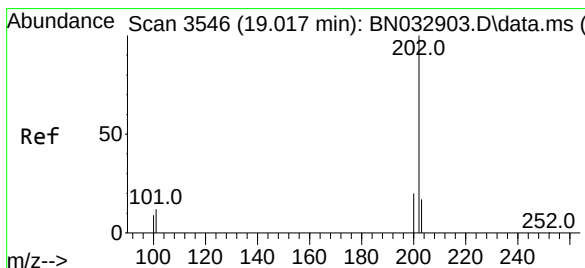
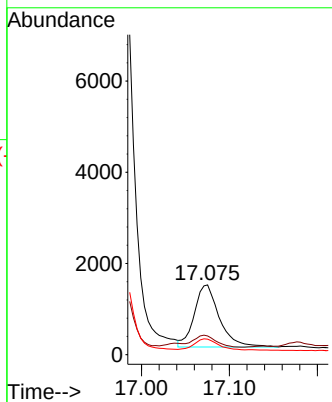
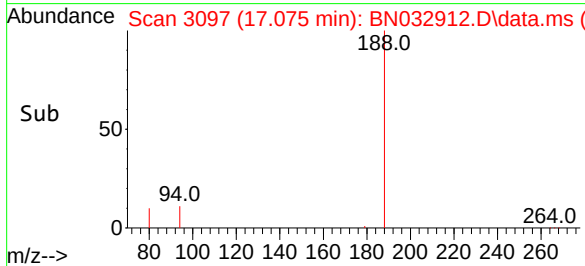
Instrument :
 BNA_N
 ClientSampleId :
 A4BT8DL



Tgt Ion:178 Resp: 2690
 Ion Ratio Lower Upper
 178 100
 179 26.8 13.4 20.2
 176 22.2 15.4 23.0

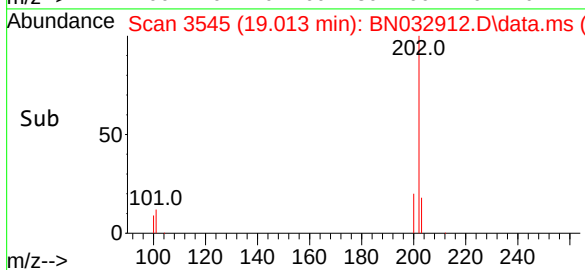
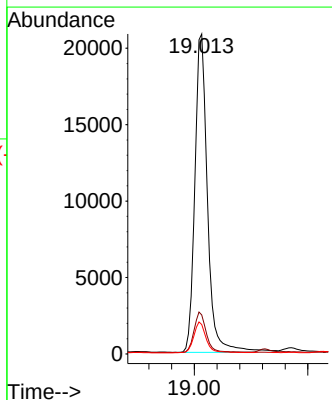
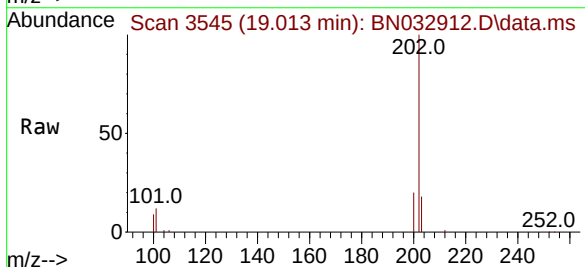
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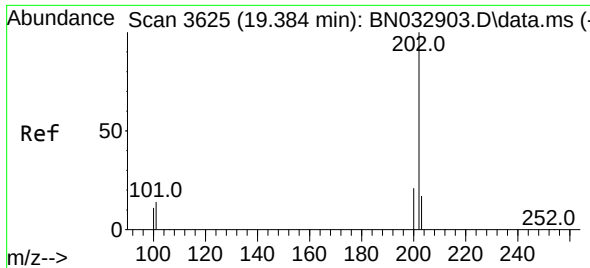
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.624 ng/ul
 RT: 19.013 min Scan# 3545
 Delta R.T. -0.012 min
 Lab File: BN032912.D
 Acq: 23 Jul 2024 15:55

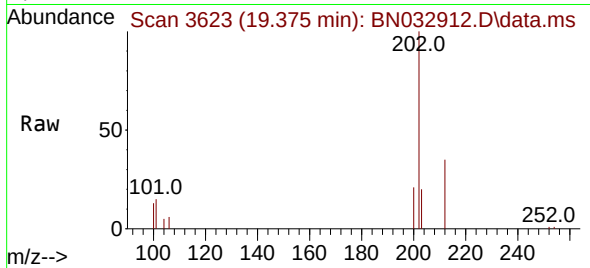
Tgt Ion:202 Resp: 32299
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.8 14.8
 100 9.2 7.9 11.9





#20
Pyrene
Concen: 0.364 ng/ul
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

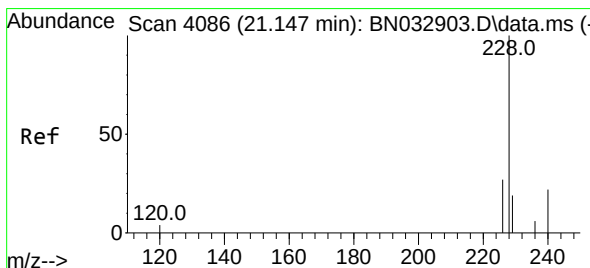
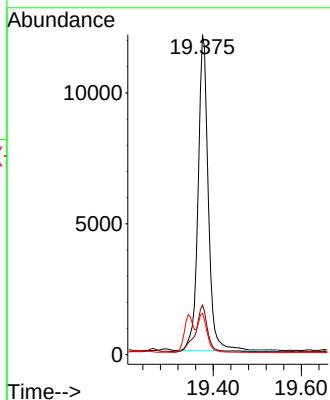
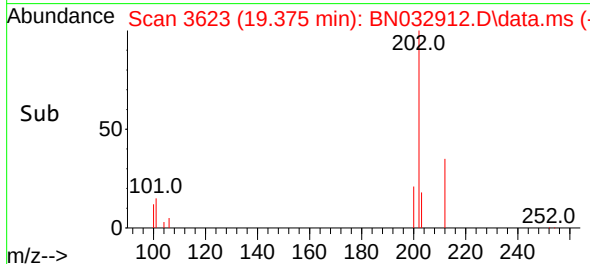
Instrument :
BNA_N
ClientSampleId :
A4BT8DL



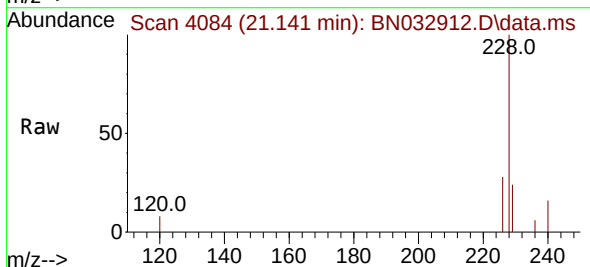
Tgt Ion:202 Resp: 19490
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 12.9 9.6 14.4

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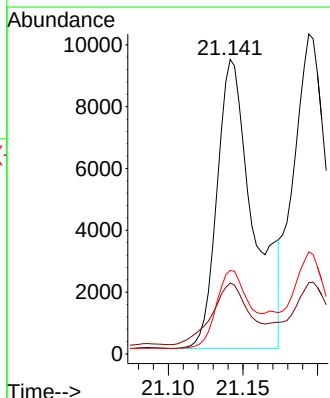
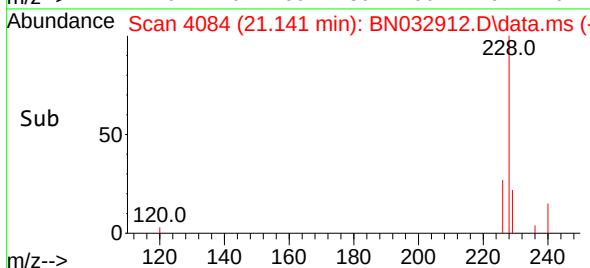
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

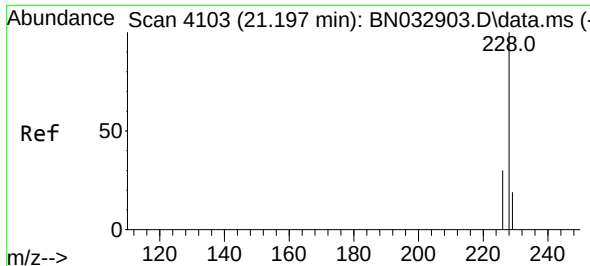


#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.141 min Scan# 4084
Delta R.T. -0.009 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55



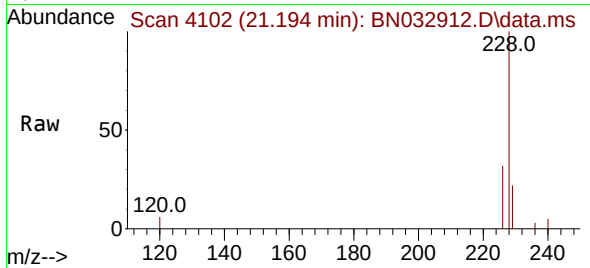
Tgt Ion:228 Resp: 15700
Ion Ratio Lower Upper
228 100
229 24.0 16.1 24.1
226 28.4 21.9 32.9





#22
Chrysene
Concen: 0.278 ng/ul
RT: 21.194 min Scan# 4103
Delta R.T. -0.009 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

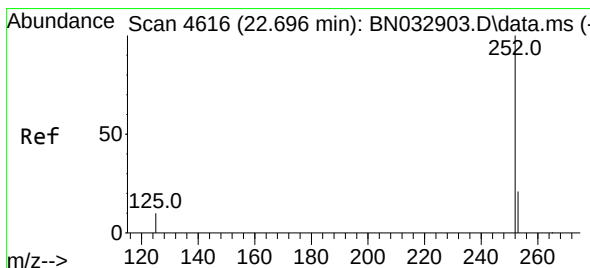
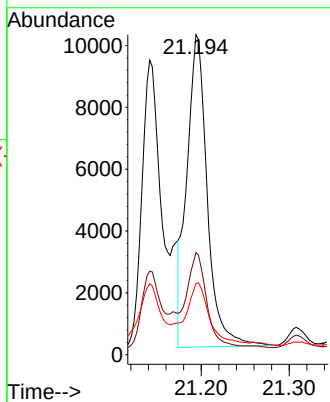
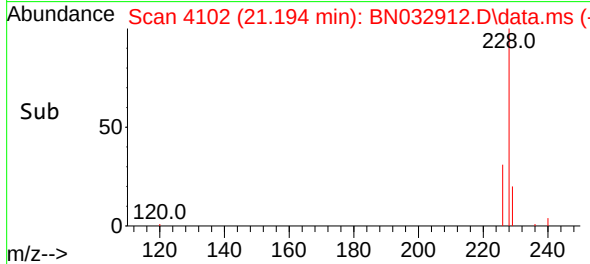
Instrument :
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ClientSampleId :
A4BT8DL



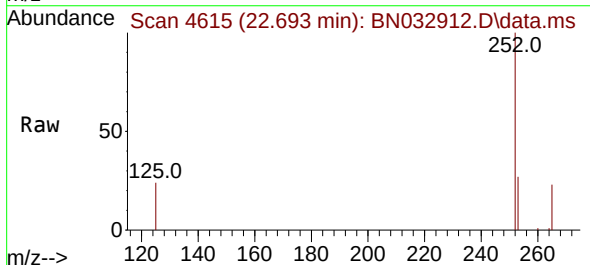
Tgt Ion:228 Resp: 16309
Ion Ratio Lower Upper
228 100
226 31.9 24.0 36.0
229 22.3 15.8 23.6

Manual Integrations
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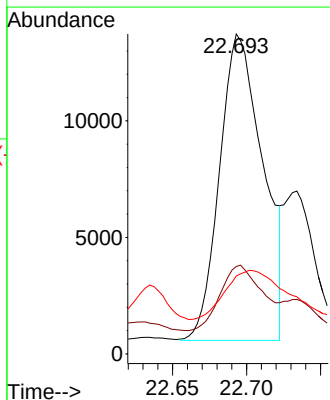
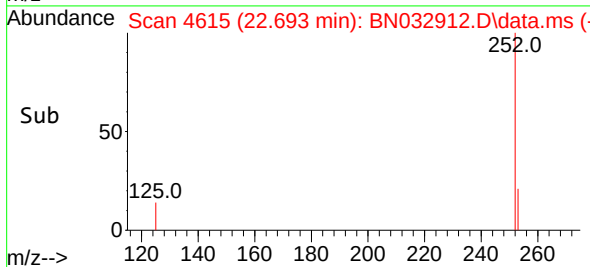
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

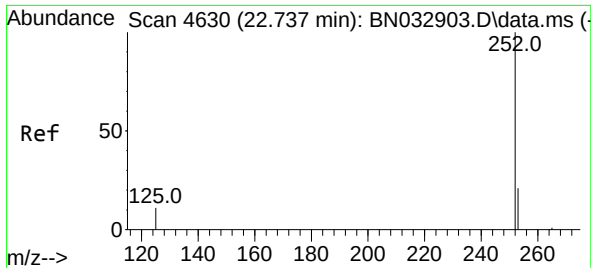


#24
Benzo(b)fluoranthene
Concen: 0.494 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55



Tgt Ion:252 Resp: 26869
Ion Ratio Lower Upper
252 100
253 27.4 0.0 54.0
125 24.3 0.0 36.0





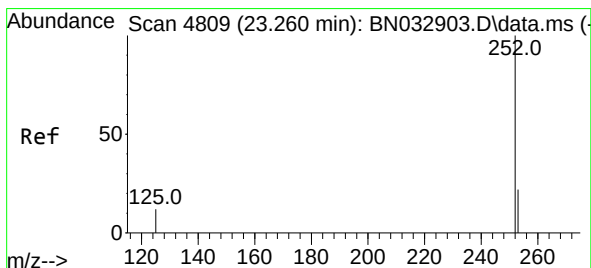
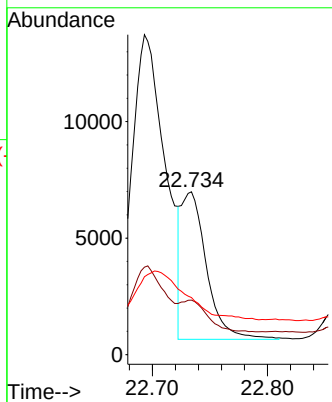
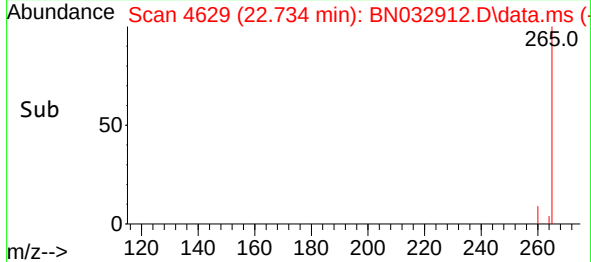
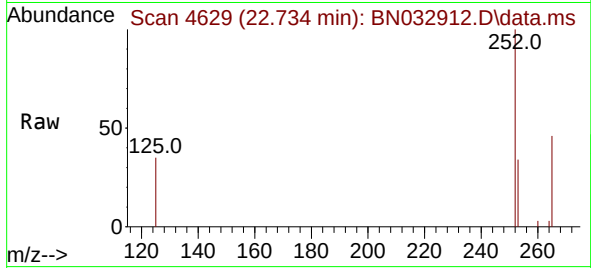
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Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.006 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

Instrument :
BNA_N
ClientSampleId :
A4BT8DL

Tgt Ion:	252	Resp:	9618
Ion Ratio	Lower	Upper	
252	100		
253	33.5	21.2	31.8
125	35.1	14.8	22.2

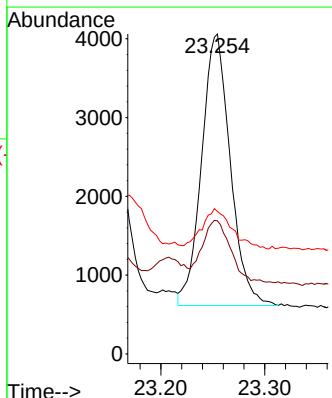
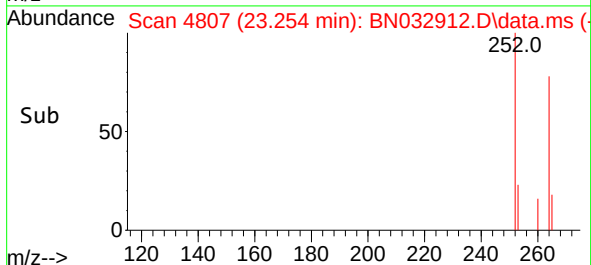
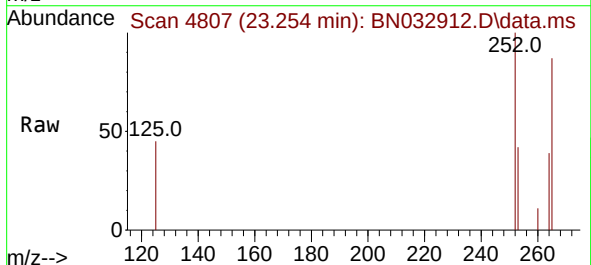
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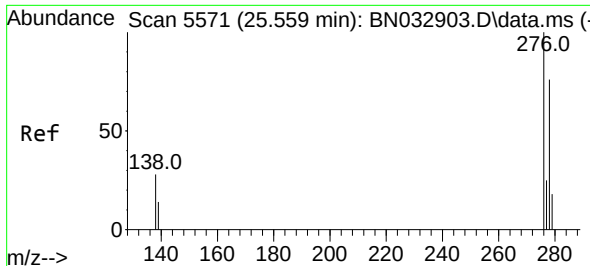
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.140 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

Tgt Ion:	252	Resp:	6599
Ion Ratio	Lower	Upper	
252	100		
253	41.6	25.4	38.0
125	44.6	20.6	30.8





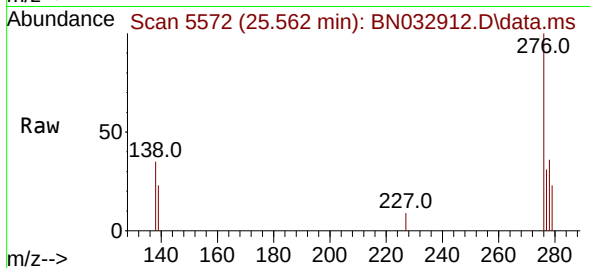
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.136 ng/ul
RT: 25.562 min Scan# 5572
Delta R.T. -0.007 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55

Instrument :

BNA_N

ClientSampleId :

A4BT8DL

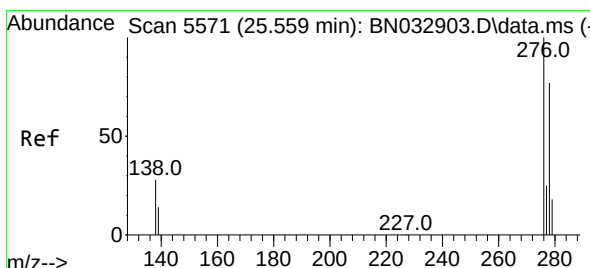
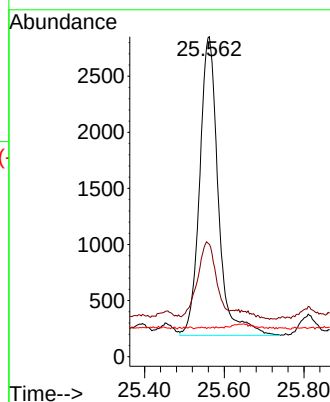
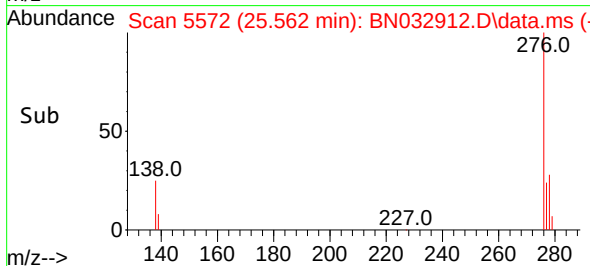


Tgt Ion:276 Resp: 8630
Ion Ratio Lower Upper
276 100
138 30.0 21.6 32.4
227 0.1 0.0 0.0

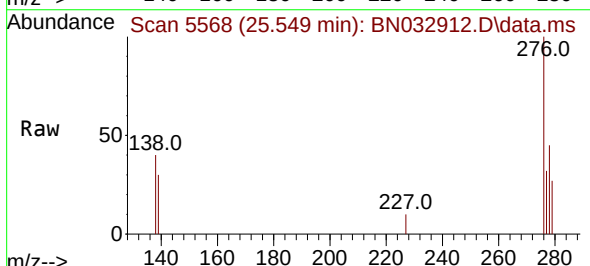
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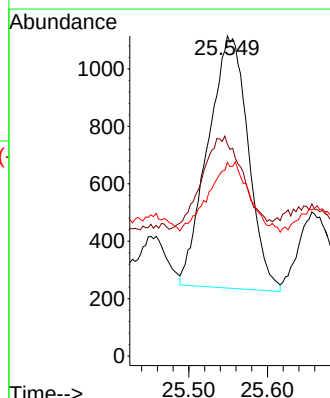
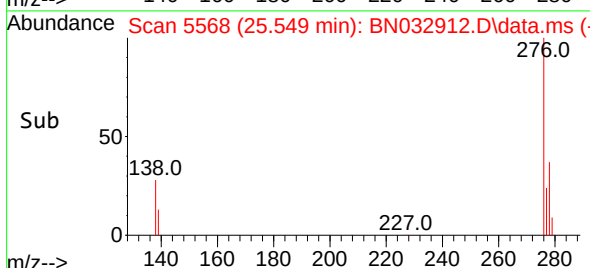
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

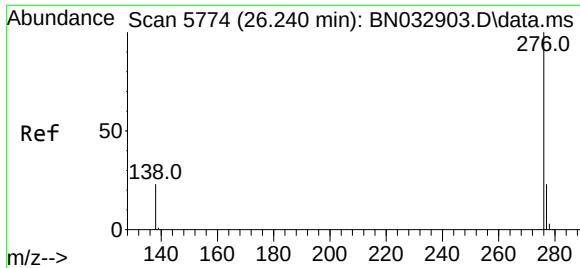


#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032912.D
Acq: 23 Jul 2024 15:55



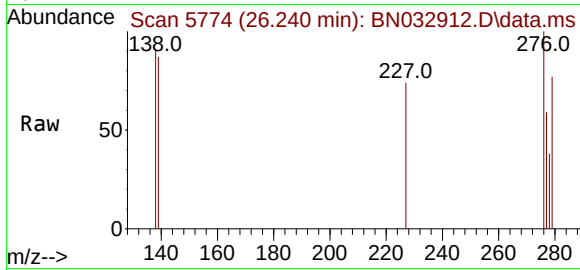
Tgt Ion:278 Resp: 3130
Ion Ratio Lower Upper
278 100
139 66.2 16.6 24.8#
279 60.4 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 26.240 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BN032912.D
 Acq: 23 Jul 2024 15:55

Instrument :
 BNA_N
 ClientSampleId :
 A4BT8DL



Tgt Ion: 276 Resp: 131

Ion	Ratio	Lower	Upper
276	100		
138	91.2	21.0	31.4
277	59.4	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

