

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
 Data File : BN032497.D
 Acq On : 05 Jul 2024 05:34
 Operator : MA/JU
 Sample : P3065-03MSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2024
 Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 05 06:01:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6528	0.400	ng/ul	0.00
4) Naphthalene-d8	10.369	136	21057	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.242	164	12721	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.002	188	24759	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.207	240	17081	0.400	ng/ul	# 0.00
23) Perylene-d12	23.425	264	24283	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	2170	0.299	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	6982	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	14376	0.280	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.173	88	5630	0.682	ng/ul#	88
5) Naphthalene	10.419	128	40157	0.721	ng/ul	100
7) 2-Methylnaphthalene	12.041	142	18293	0.495	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	15934	0.416	ng/ul	99
10) Acenaphthylene	13.965	152	90239	1.706	ng/ul	100
11) Acenaphthene	14.307	153	44466	1.083	ng/ul	99
12) Fluorene	15.302	166	52199	1.067	ng/ul	98
14) Pentachlorophenol	16.668	266	3552	0.634	ng/ul	99
15) Phenanthrene	17.044	178	913150	13.453	ng/ul	99
16) Anthracene	17.137	178	199330	3.292	ng/ul	99
19) Fluoranthene	19.072	202	1859997	28.596	ng/ul	99
20) Pyrene	19.434	202	1366120	20.098	ng/ul	99
21) Benzo(a)anthracene	21.193	228	857446	13.908	ng/ul	97
22) Chrysene	21.245	228	938776	13.874	ng/ul	97
24) Benzo(b)fluoranthene	22.762	252	1398336m	13.254	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	505091m	4.928	ng/ul	
26) Benzo(a)pyrene	23.329	252	530081	7.222	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.668	276	542103	4.717	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.668	278	199019	2.331	ng/ul	94
29) Benzo(g,h,i)perylene	26.356	276	83085	0.908	ng/ul#	86

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

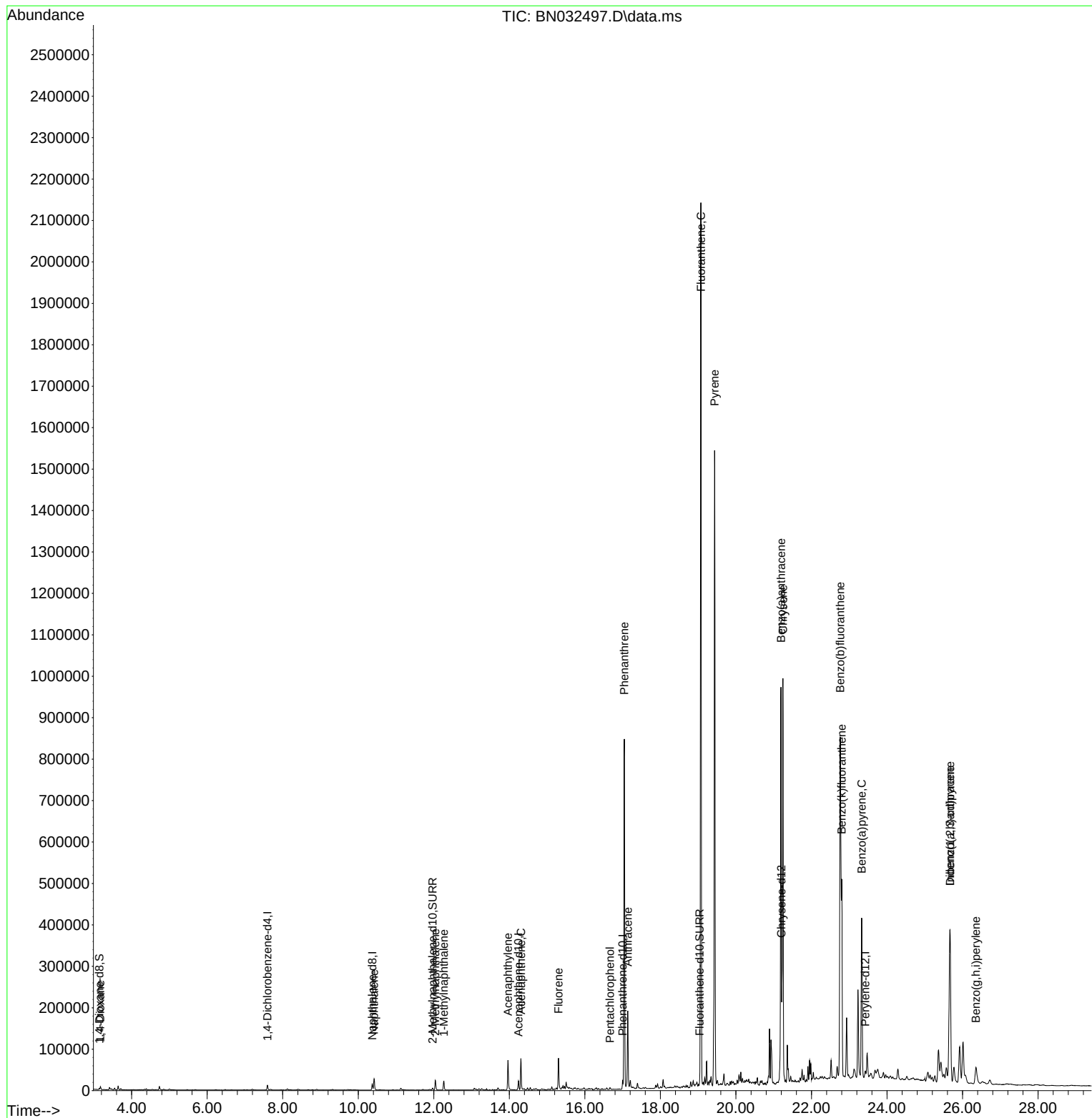
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032497.D
Acq On : 05 Jul 2024 05:34
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ALS Vial : 71 Sample Multiplier: 1

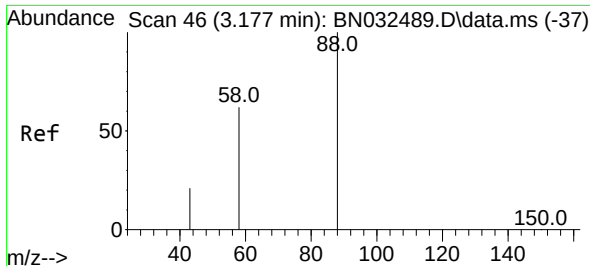
Instrument :
BNA_N
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A4CX6MSD

Quant Time: Jul 05 06:01:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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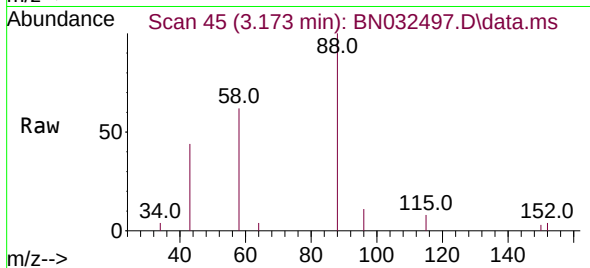
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024





#2
1,4-Dioxane
Concen: 0.682 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

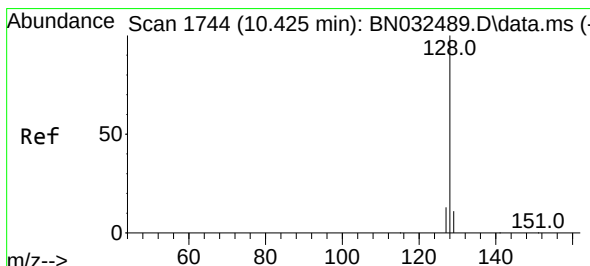
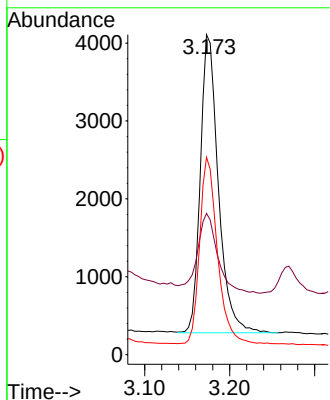
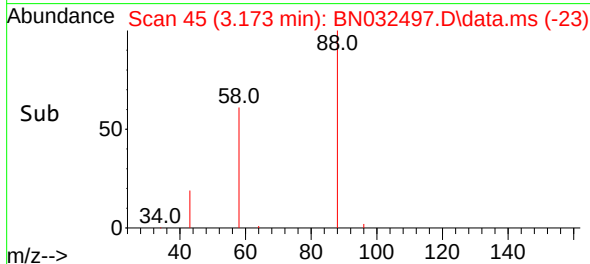
Instrument :
BNA_N
ClientSampleId :
A4CX6MSD



Tgt Ion: 88 Resp: 5630
Ion Ratio Lower Upper
88 100
43 44.1 28.4 42.6
58 61.7 43.3 64.9

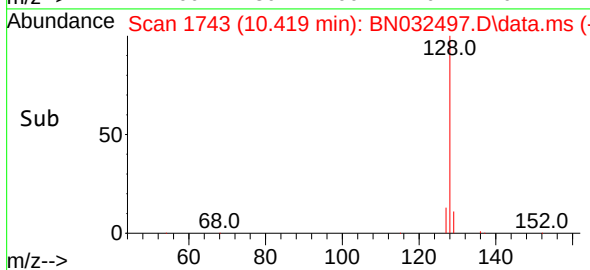
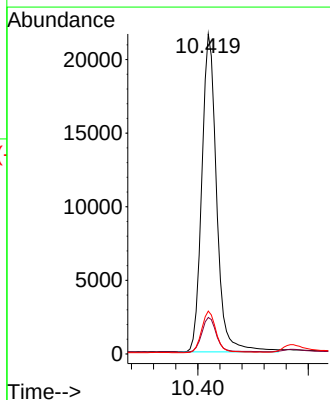
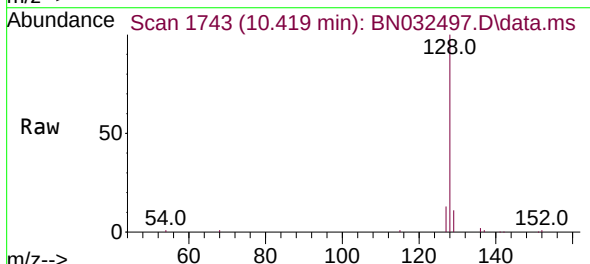
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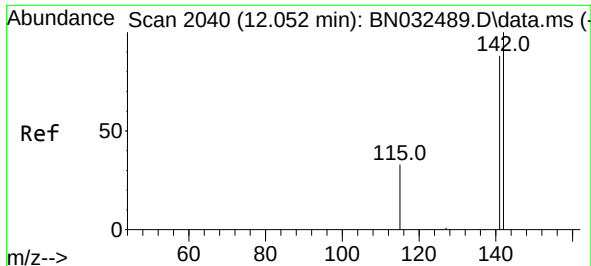
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#5
Naphthalene
Concen: 0.721 ng/ul
RT: 10.419 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

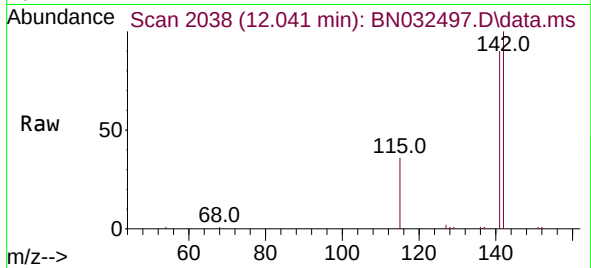
Tgt Ion:128 Resp: 40157
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 10.8 16.2





#7
2-Methylnaphthalene
Concen: 0.495 ng/ul
RT: 12.041 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

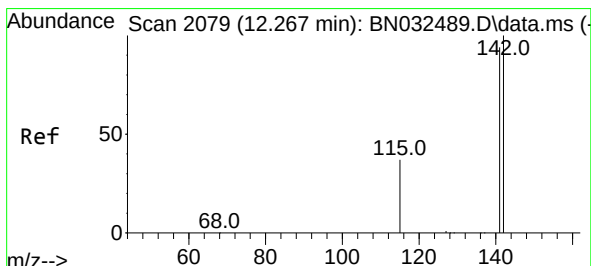
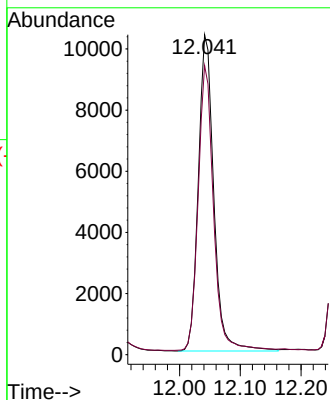
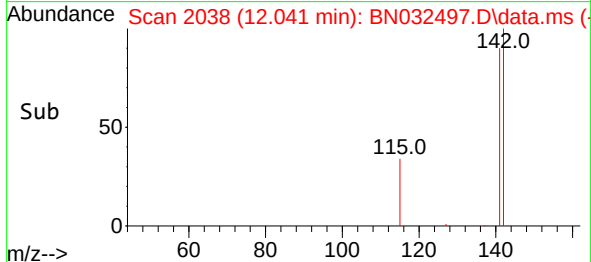
Instrument :
BNA_N
ClientSampleId :
A4CX6MSD



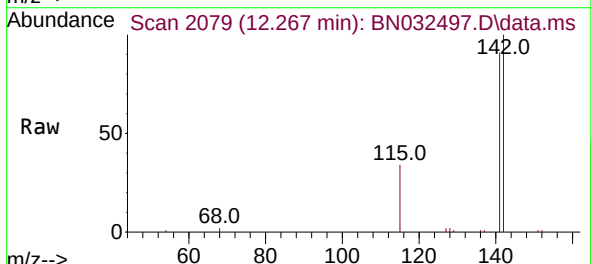
Tgt Ion:142 Resp: 1829
Ion Ratio Lower Upper
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141 89.3 72.2 108.2

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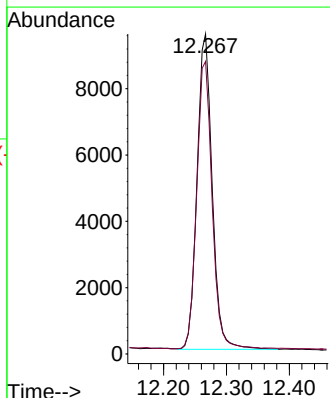
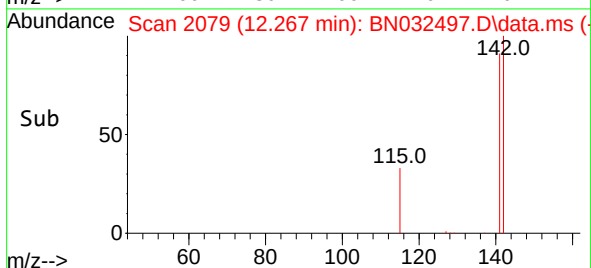
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

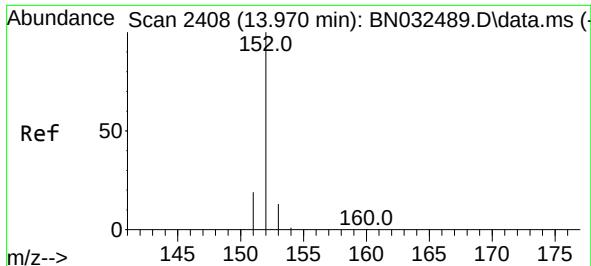


#8
1-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. -0.007 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34



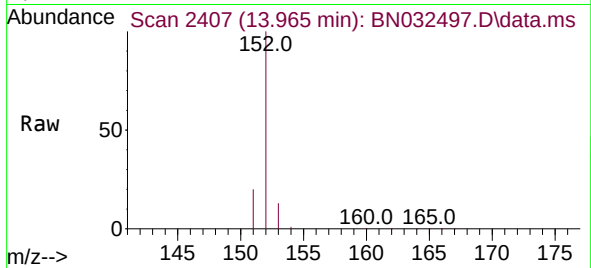
Tgt Ion:142 Resp: 15934
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0





#10
Acenaphthylene
Concen: 1.706 ng/ul
RT: 13.965 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

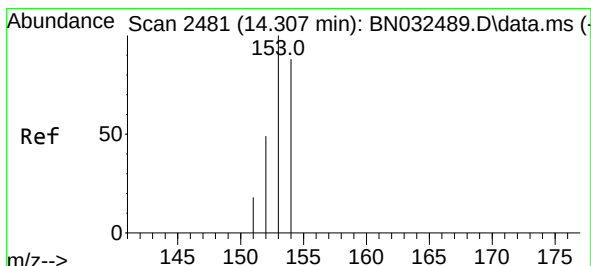
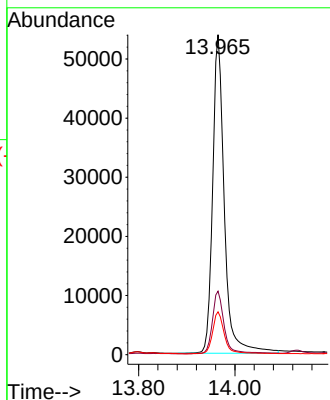
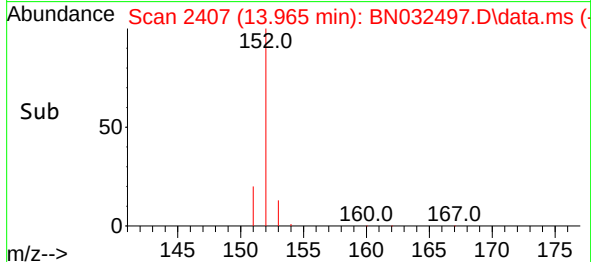
Instrument :
BNA_N
ClientSampleId :
A4CX6MSD



Tgt Ion:152 Resp: 90239
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.4 10.9 16.3

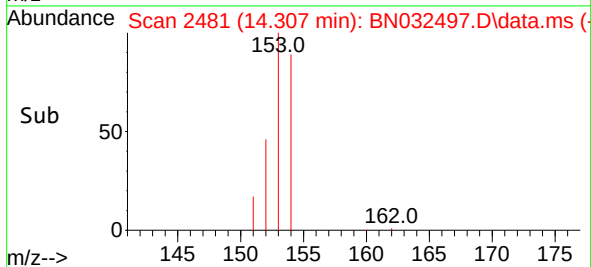
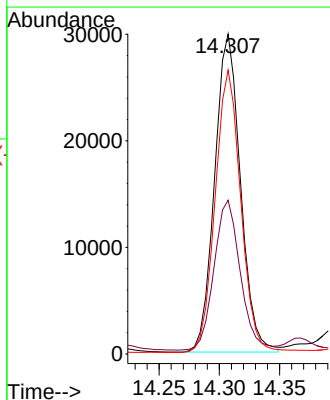
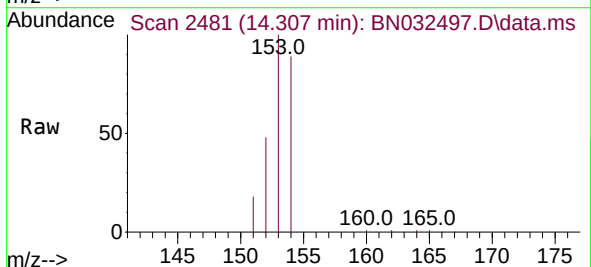
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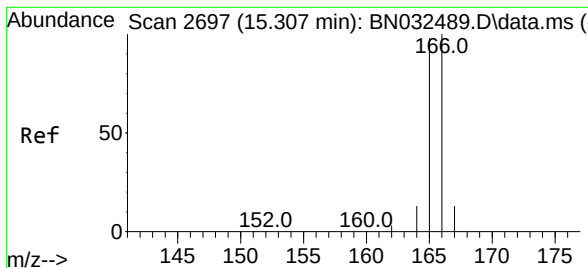
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#11
Acenaphthene
Concen: 1.083 ng/ul
RT: 14.307 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

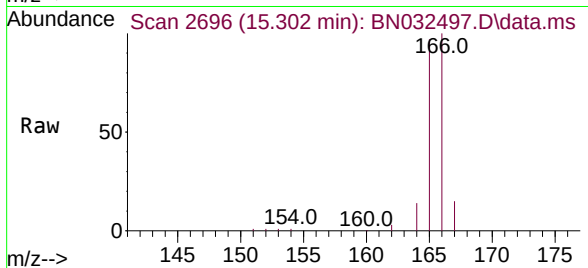
Tgt Ion:153 Resp: 44466
Ion Ratio Lower Upper
153 100
152 48.1 39.5 59.3
154 88.7 71.7 107.5





#12
Fluorene
Concen: 1.067 ng/ul
RT: 15.302 min Scan# 2696
Delta R.T. -0.011 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

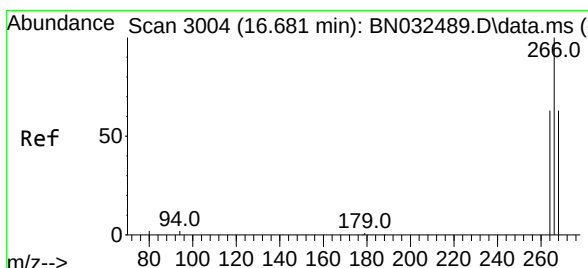
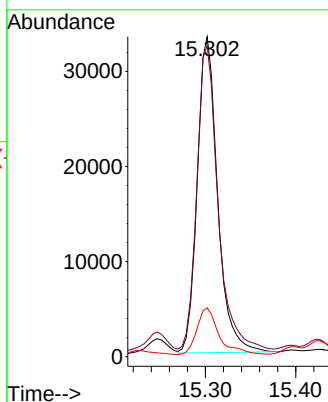
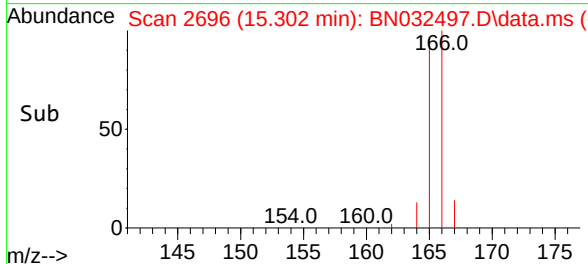
Instrument :
BNA_N
ClientSampleId :
A4CX6MSD



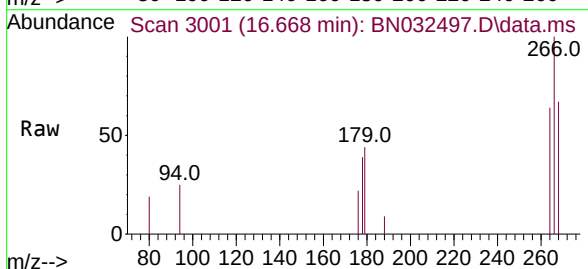
Tgt Ion:166 Resp: 52199
Ion Ratio Lower Upper
166 100
165 97.2 79.0 118.6
167 15.2 11.0 16.6

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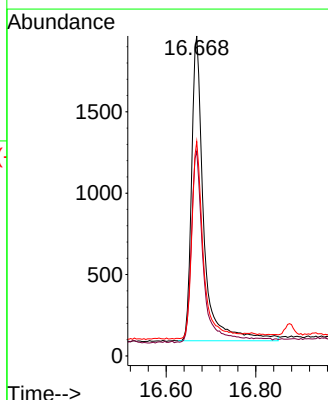
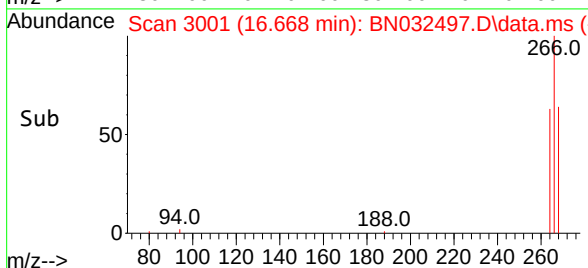
Reviewed By :Yogesh Patel 07/05/2024
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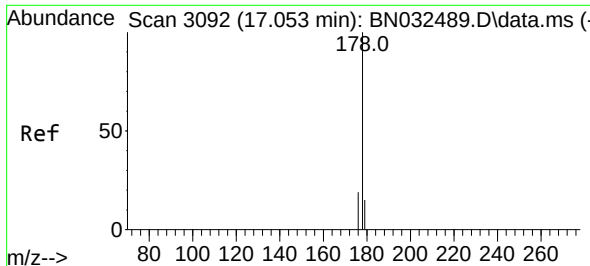


#14
Pentachlorophenol
Concen: 0.634 ng/ul
RT: 16.668 min Scan# 3001
Delta R.T. -0.006 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34



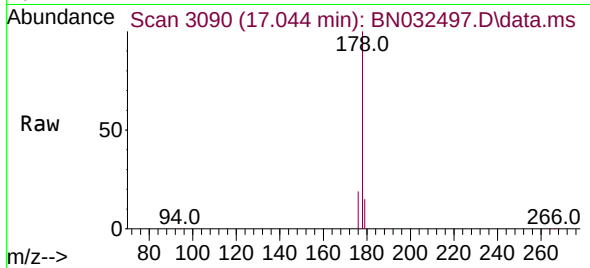
Tgt Ion:266 Resp: 3552
Ion Ratio Lower Upper
266 100
264 63.2 49.9 74.9
268 65.3 52.4 78.6





#15
Phenanthrene
Concen: 13.453 ng/ul
RT: 17.044 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

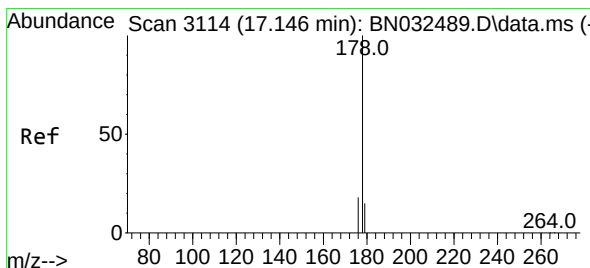
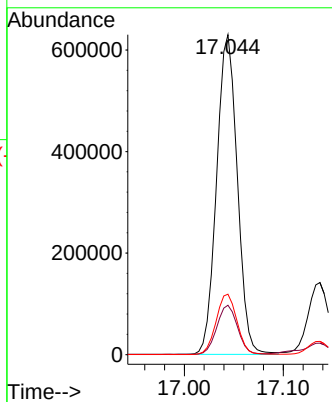
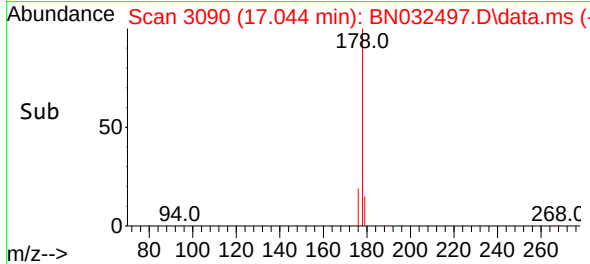
Instrument :
BNA_N
ClientSampleId :
A4CX6MSD



Tgt Ion:178 Resp: 913150
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 18.9 15.6 23.4

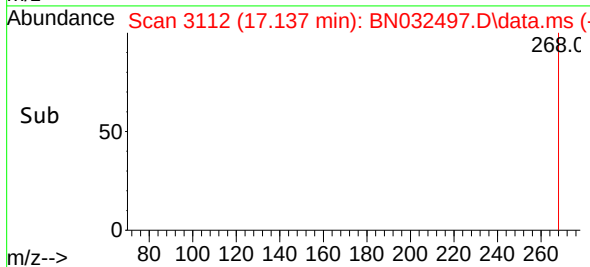
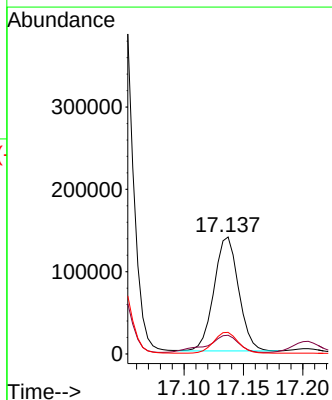
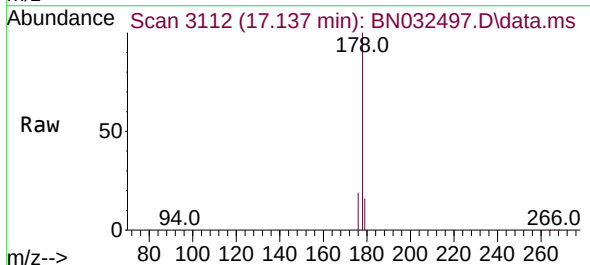
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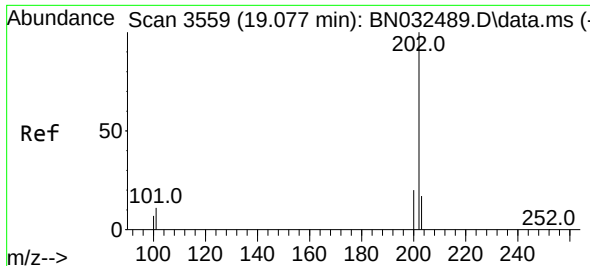
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#16
Anthracene
Concen: 3.292 ng/ul
RT: 17.137 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

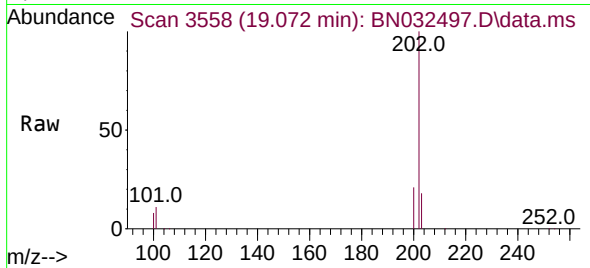
Tgt Ion:178 Resp: 199330
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 18.5 15.0 22.6





#19
Fluoranthene
Concen: 28.596 ng/u1
RT: 19.072 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

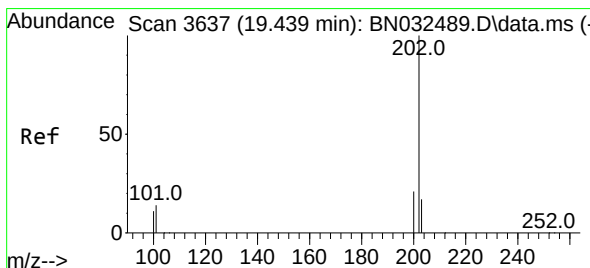
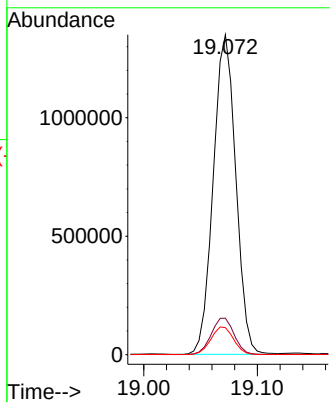
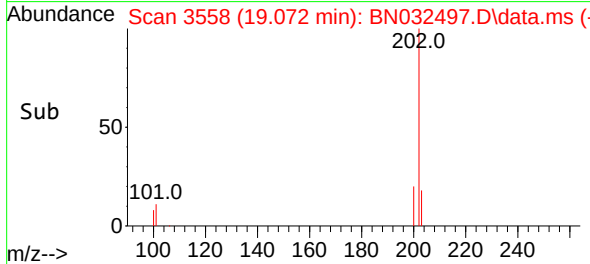
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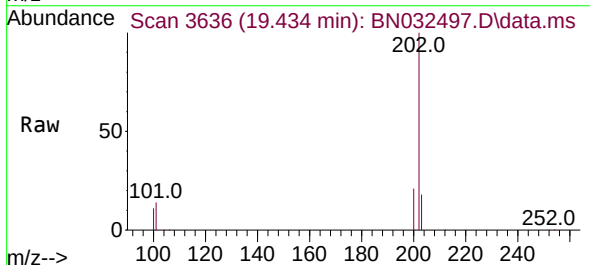
Tgt Ion:202 Resp: 1859997
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.5 6.4 9.6

Manual Integrations
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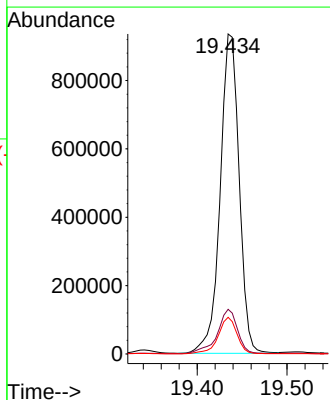
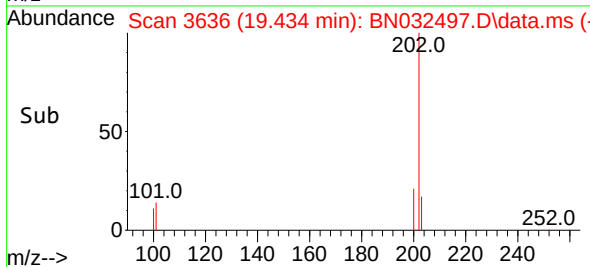
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Supervised By :mohammad ahmed 07/05/2024

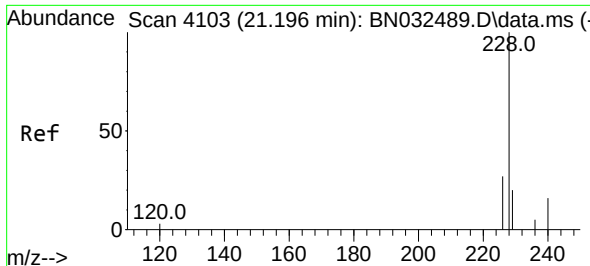


#20
Pyrene
Concen: 20.098 ng/u1
RT: 19.434 min Scan# 3636
Delta R.T. -0.006 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34



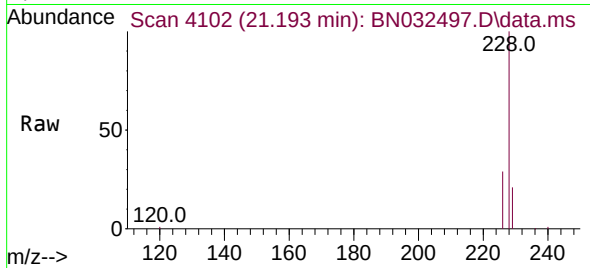
Tgt Ion:202 Resp: 1366120
Ion Ratio Lower Upper
202 100
101 14.0 11.0 16.4
100 11.4 8.7 13.1





#21
Benzo(a)anthracene
Concen: 13.908 ng/uI
RT: 21.193 min Scan# 4103
Delta R.T. 0.002 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

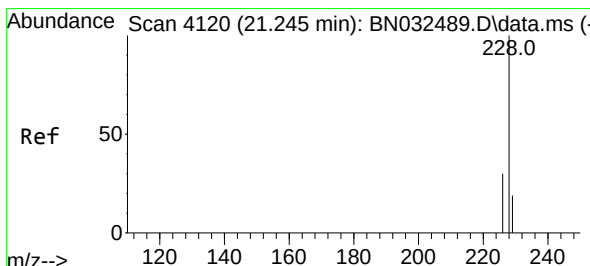
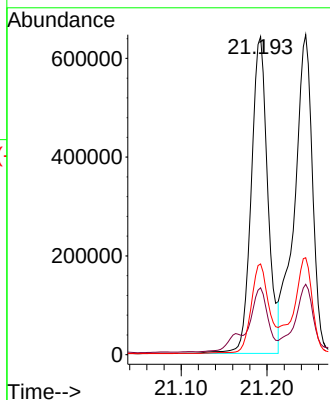
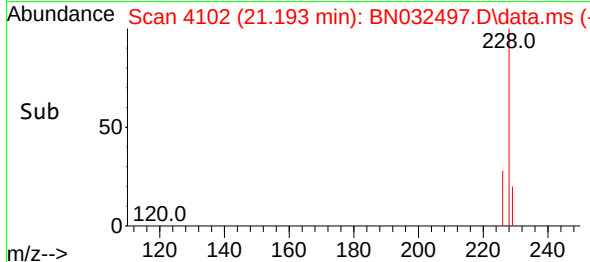
Instrument :
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Tgt Ion:228 Resp: 857440
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.5 21.8 32.8

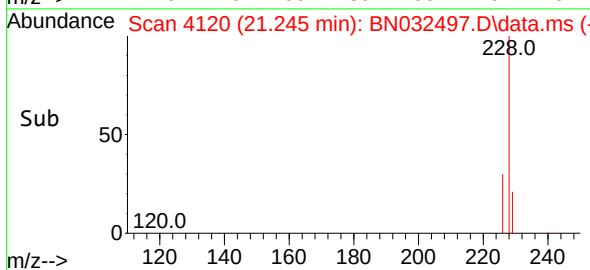
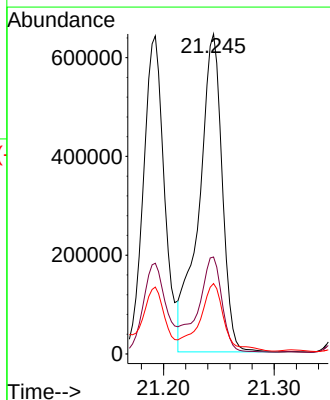
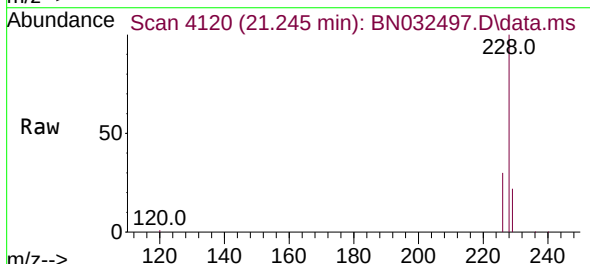
Manual Integrations
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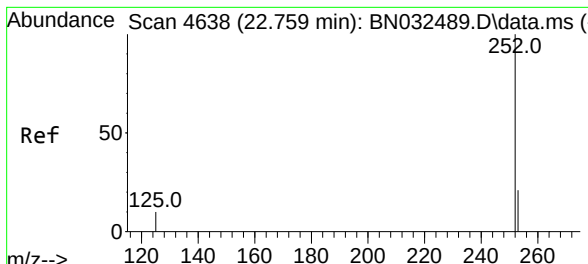
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#22
Chrysene
Concen: 13.874 ng/uI
RT: 21.245 min Scan# 4120
Delta R.T. 0.002 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

Tgt Ion:228 Resp: 938776
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 22.0 15.7 23.5





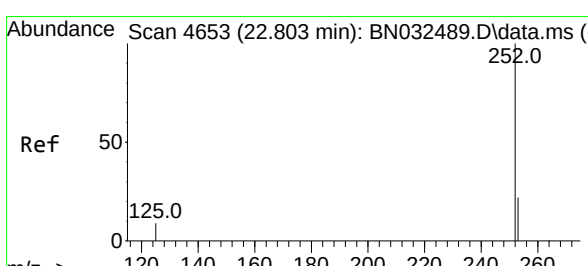
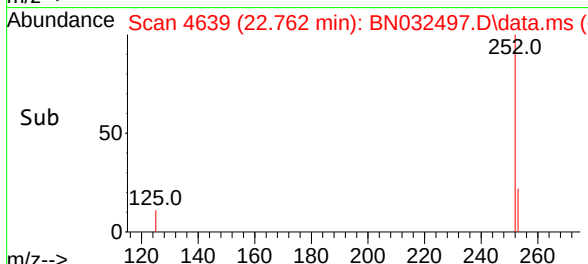
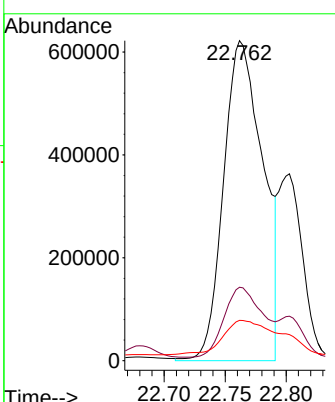
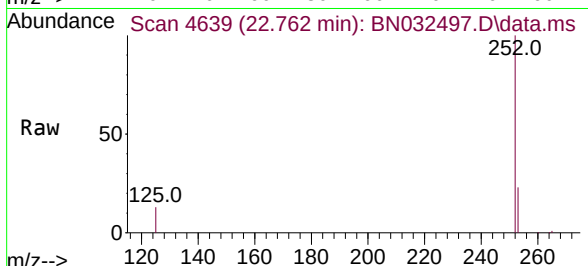
#24
 Benzo(b)fluoranthene
 Concen: 13.254 ng/ul m
 RT: 22.762 min Scan# 4639
 Delta R.T. 0.004 min
 Lab File: BN032497.D
 Acq: 05 Jul 2024 05:34

Instrument :
 BNA_N
 ClientSampleId :
 A4CX6MSD

Tgt Ion:252 Resp: 1398336

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	50.2
125	12.6	0.0	32.0

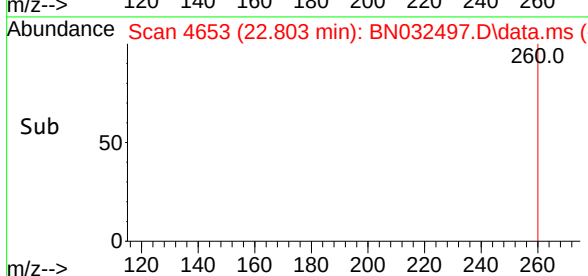
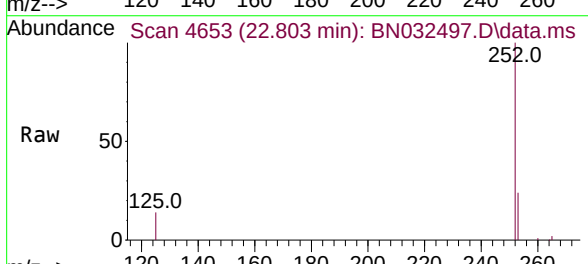
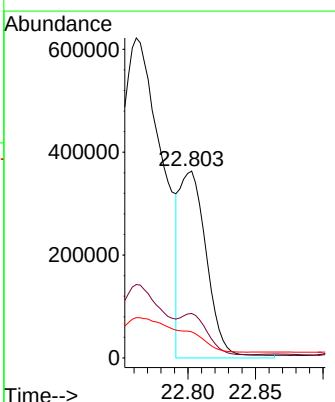
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 Supervised By :mohammad ahmed 07/05/2024

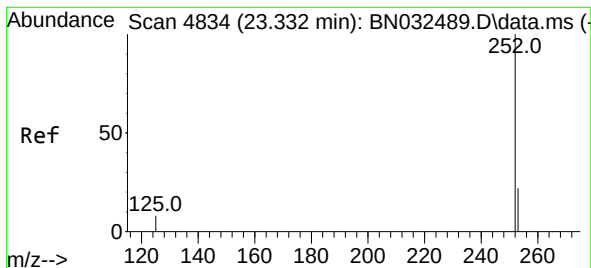


#25
 Benzo(k)fluoranthene
 Concen: 4.928 ng/ul m
 RT: 22.803 min Scan# 4653
 Delta R.T. 0.002 min
 Lab File: BN032497.D
 Acq: 05 Jul 2024 05:34

Tgt Ion:252 Resp: 505091

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	13.9	12.8	19.2





#26

Benzo(a)pyrene

Concen: 7.222 ng/ul

RT: 23.329 min Scan# 4833

Delta R.T. 0.002 min

Lab File: BN032497.D

Acq: 05 Jul 2024 05:34

Instrument :

BNA_N

ClientSampleId :

A4CX6MSD

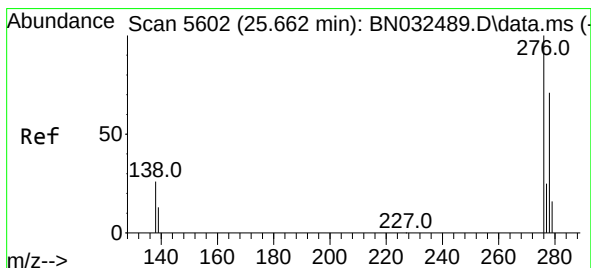
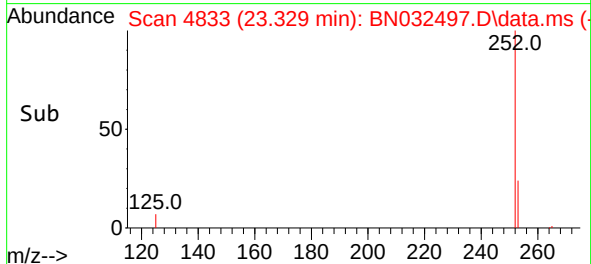
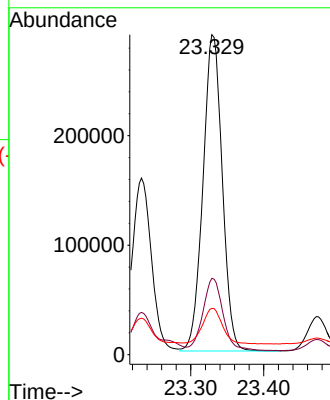
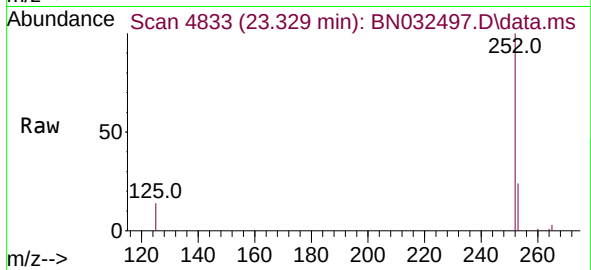
Tgt Ion:	252	Resp:	53008
Ion Ratio	Lower	Upper	
252	100		
253	23.9	22.2	33.2
125	14.5	16.4	24.6

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Supervised By :mohammad ahmed 07/05/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.717 ng/ul

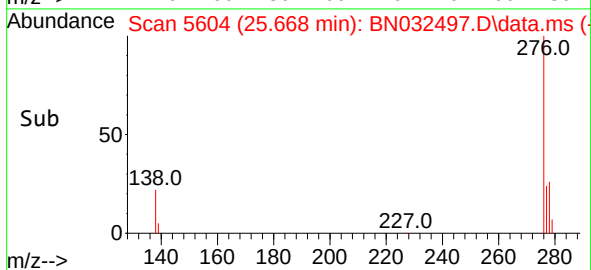
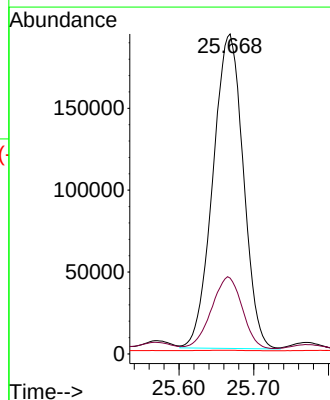
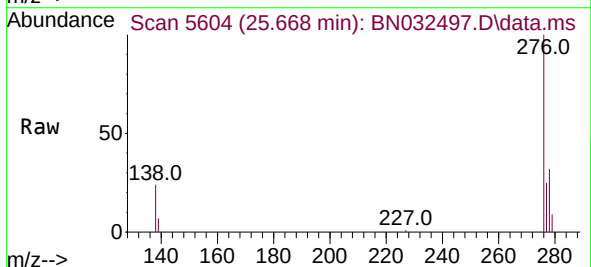
RT: 25.668 min Scan# 5604

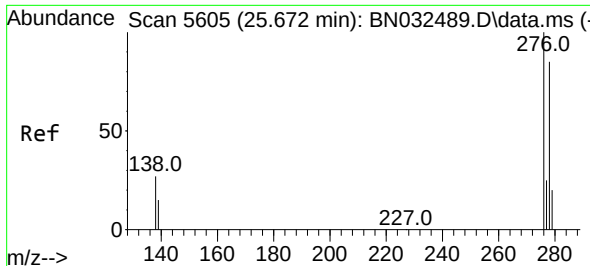
Delta R.T. 0.009 min

Lab File: BN032497.D

Acq: 05 Jul 2024 05:34

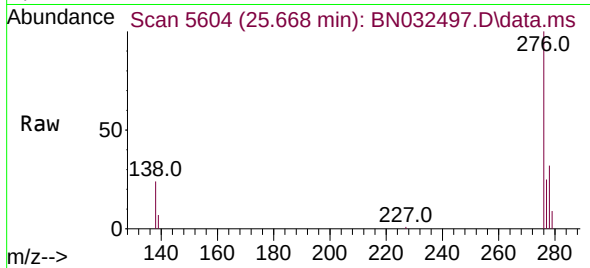
Tgt Ion:	276	Resp:	542103
Ion Ratio	Lower	Upper	
276	100		
138	23.1	21.3	31.9
227	0.2	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.331 ng/ul
RT: 25.668 min Scan# 5604
Delta R.T. 0.002 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34

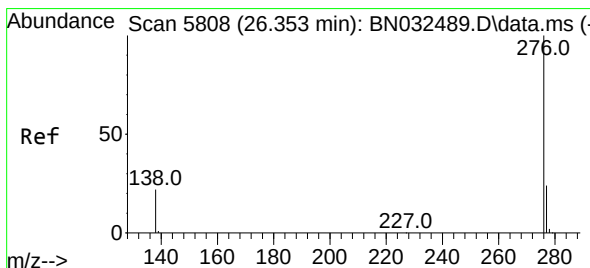
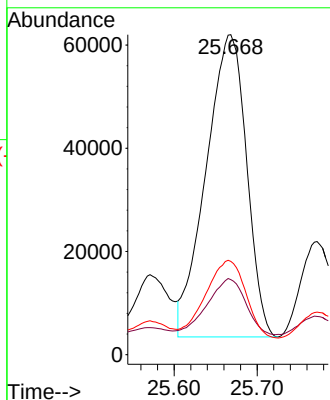
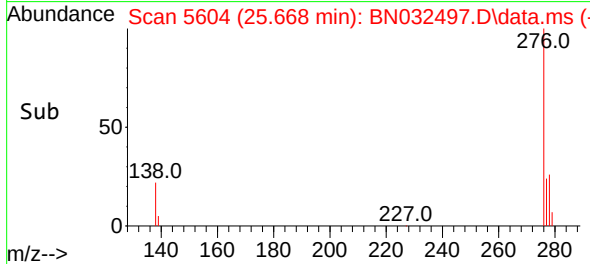
Instrument :
BNA_N
ClientSampleId :
A4CX6MSD



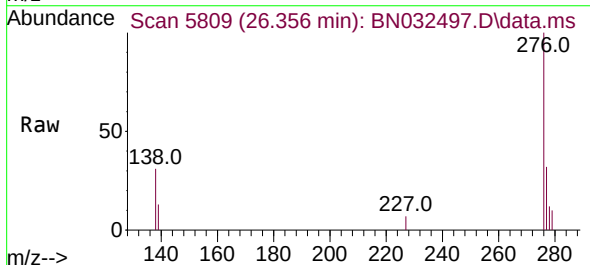
Tgt Ion:278 Resp: 199019
Ion Ratio Lower Upper
278 100
139 23.5 15.9 23.9
279 29.2 21.1 31.7

Manual Integrations
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Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.908 ng/ul
RT: 26.356 min Scan# 5809
Delta R.T. 0.012 min
Lab File: BN032497.D
Acq: 05 Jul 2024 05:34



Tgt Ion:276 Resp: 83085
Ion Ratio Lower Upper
276 100
138 31.1 19.8 29.6#
277 31.8 19.8 29.6#

