

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032532.D
 Acq On : 06 Jul 2024 06:23
 Operator : MA/JU
 Sample : P2963-14DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CR8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 23:43:13 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	7.591	152	5489	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.371	136	15504	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.239	164	8683	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.999	188	16885	0.400	ng/ul	0.00
17) Chrysene-d12	21.203	240	16524	0.400	ng/ul	0.00
23) Perylene-d12	23.415	264	19572	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3903	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	961	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	2054	0.041	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	3617	0.088	ng/ul#	90
7) 2-Methylnaphthalene	12.054	142	1478	0.054	ng/ul	95
8) 1-Methylnaphthalene	12.268	142	966	0.034	ng/ul	99
10) Acenaphthylene	13.962	152	9501	0.263	ng/ul	97
11) Acenaphthene	14.304	153	1179	0.042	ng/ul	95
12) Fluorene	15.299	166	1667	0.050	ng/ul#	94
15) Phenanthrene	17.037	178	37581	0.812	ng/ul	99
16) Anthracene	17.134	178	13232	0.320	ng/ul	98
19) Fluoranthene	19.064	202	85514	1.359	ng/ul	98
20) Pyrene	19.431	202	72085	1.096	ng/ul	99
21) Benzo(a)anthracene	21.185	228	46130	0.773	ng/ul	97
22) Chrysene	21.238	228	58197	0.889	ng/ul	97
24) Benzo(b)fluoranthene	22.751	252	81305m	0.956	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	31770m	0.385	ng/ul	
26) Benzo(a)pyrene	23.319	252	30143	0.509	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.646	276	31611	0.341	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.650	278	11005	0.160	ng/ul#	73
29) Benzo(g,h,i)perylene	26.334	276	4641	0.063	ng/ul#	66

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

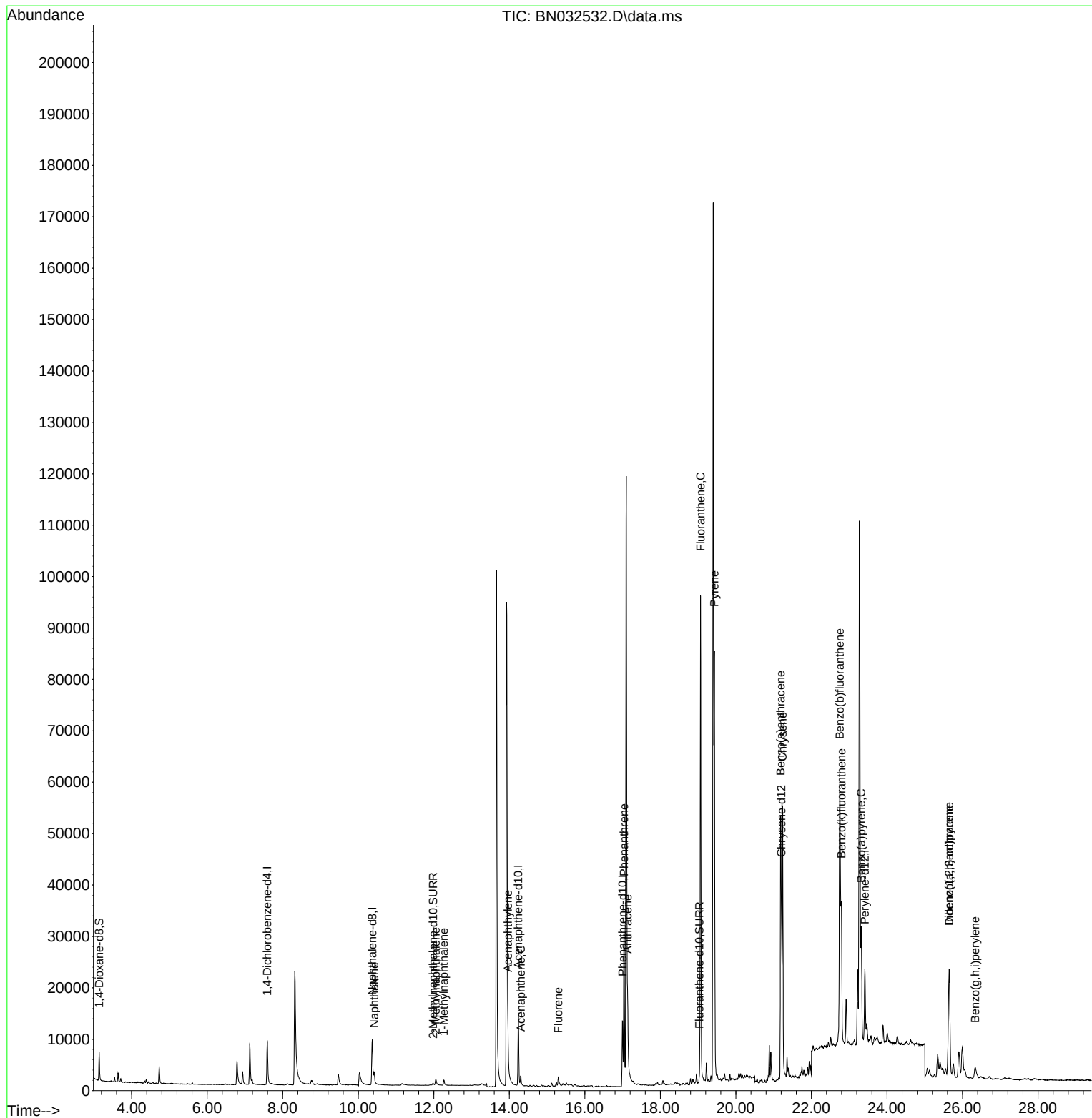
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032532.D
Acq On : 06 Jul 2024 06:23
Operator : MA/JU
Sample : P2963-14DL 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

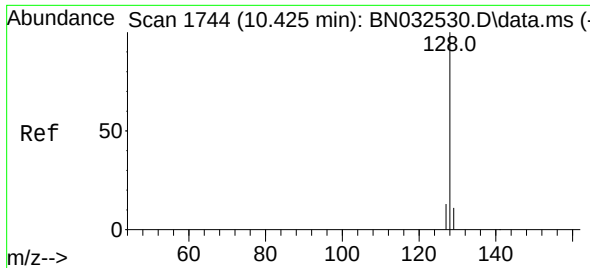
Instrument :
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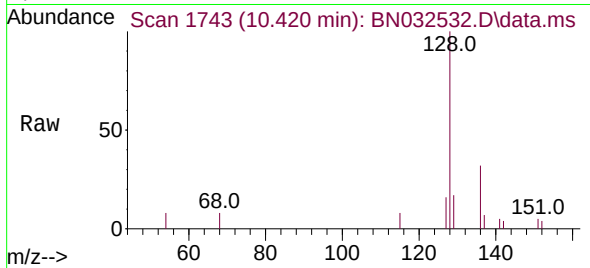
Quant Time: Jul 07 23:43:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

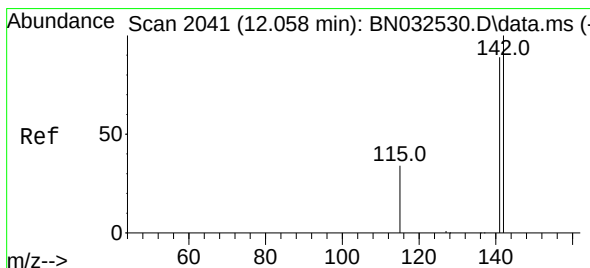
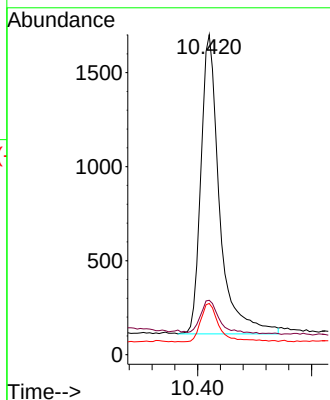
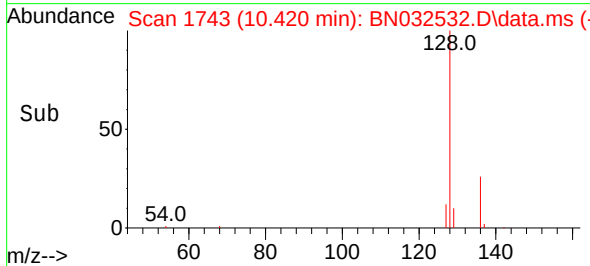
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:128 Resp: 361
Ion Ratio Lower Upper
128 100
129 17.0 9.2 13.8
127 16.0 10.8 16.2

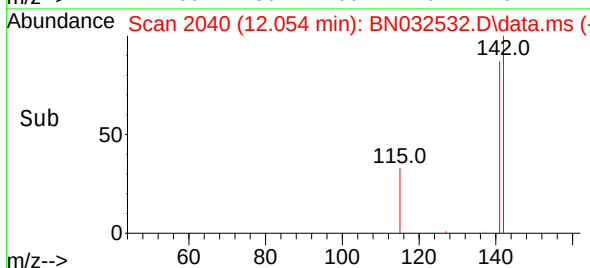
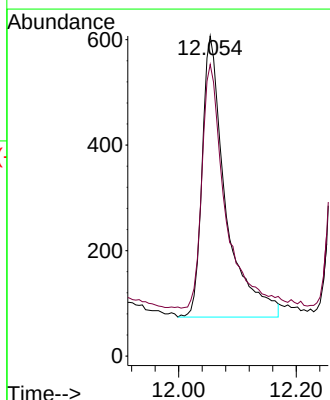
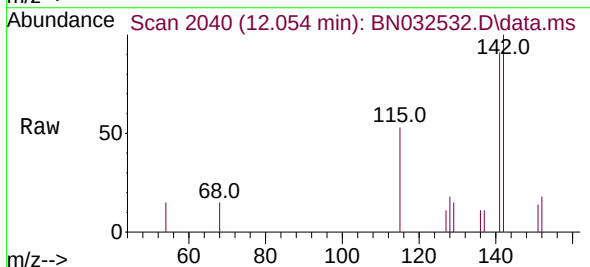
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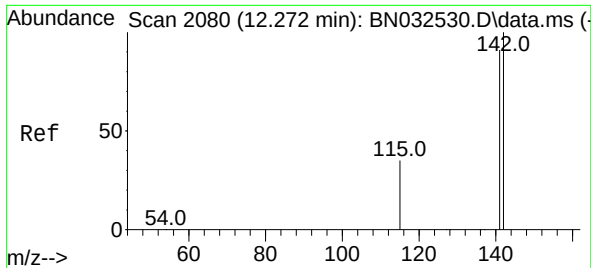
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

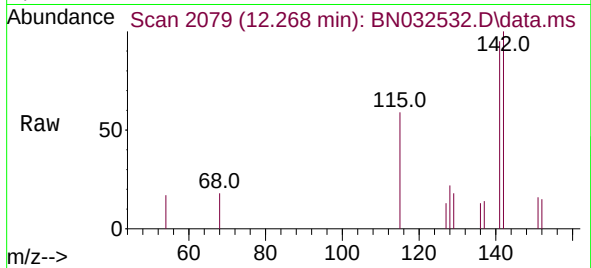
Tgt Ion:142 Resp: 1478
Ion Ratio Lower Upper
142 100
141 85.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.005 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

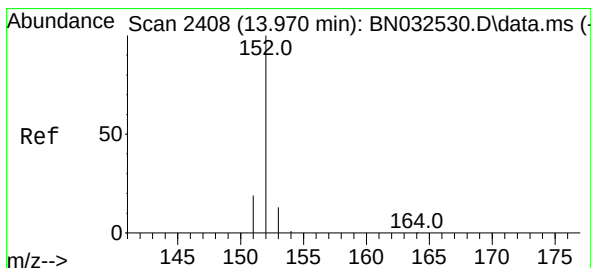
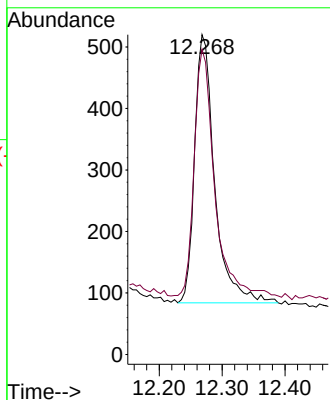
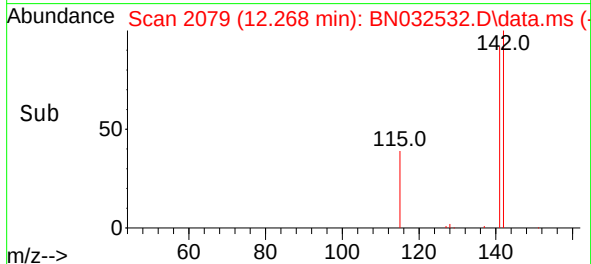
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:142 Resp: 960
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0

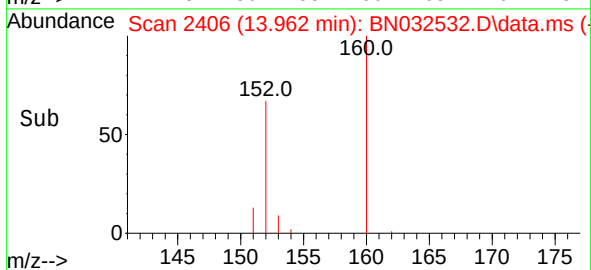
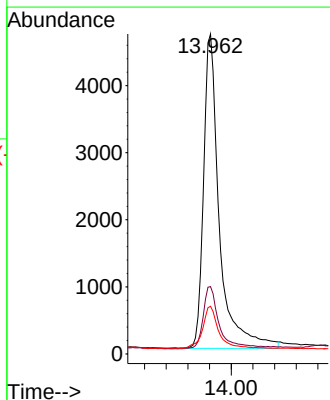
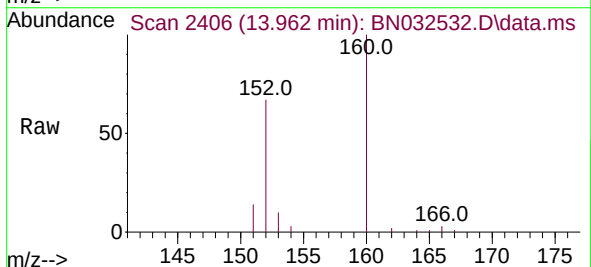
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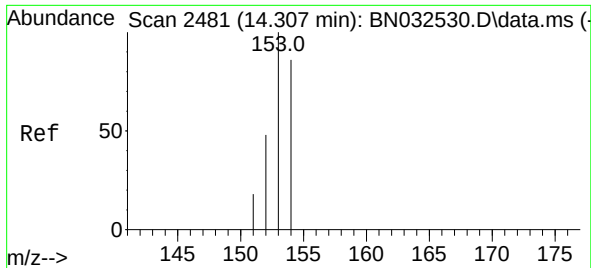
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.263 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

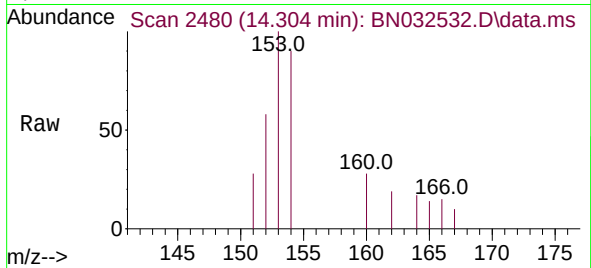
Tgt Ion:152 Resp: 9501
Ion Ratio Lower Upper
152 100
151 21.1 15.7 23.5
153 14.9 10.9 16.3





#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.304 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

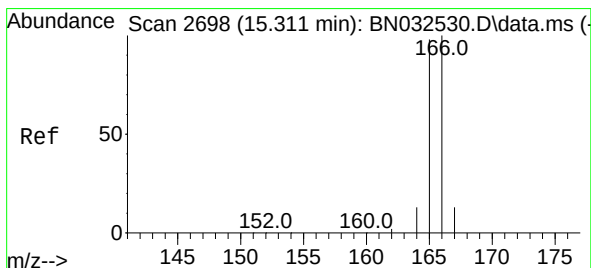
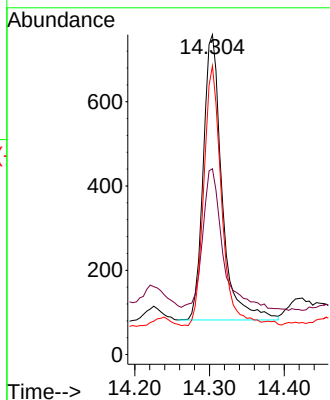
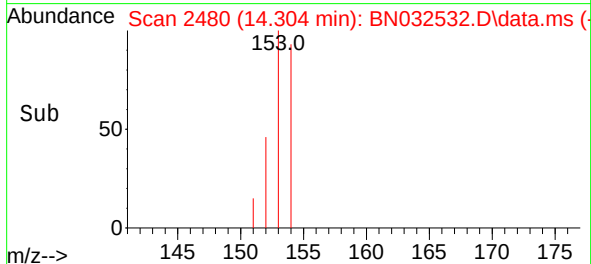
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:153 Resp: 1179
Ion Ratio Lower Upper
153 100
152 58.1 39.5 59.3
154 90.3 71.7 107.5

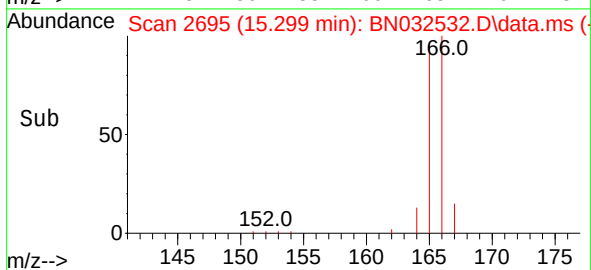
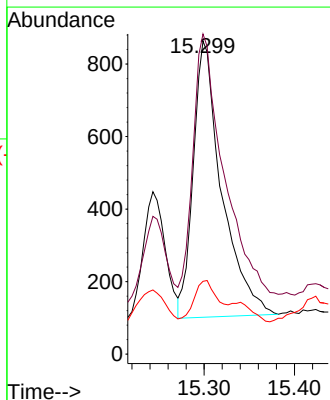
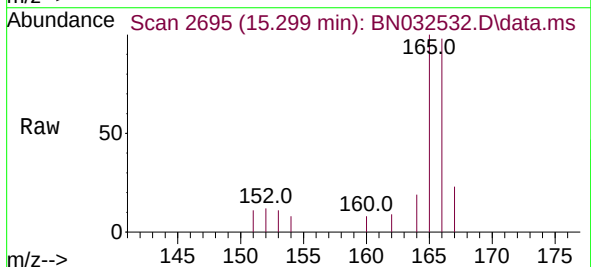
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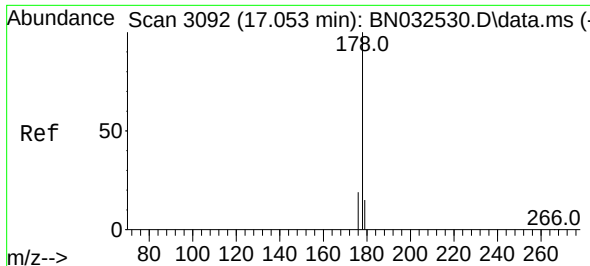
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.299 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

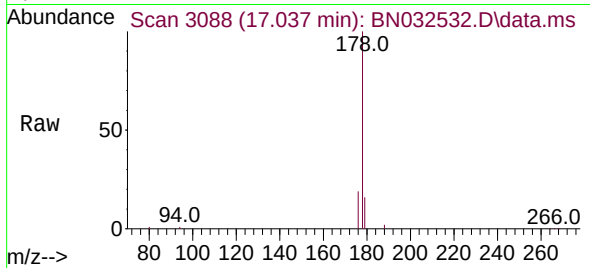
Tgt Ion:166 Resp: 1667
Ion Ratio Lower Upper
166 100
165 102.3 79.0 118.6
167 23.3 11.0 16.6#





#15
Phenanthrene
Concen: 0.812 ng/ul
RT: 17.037 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

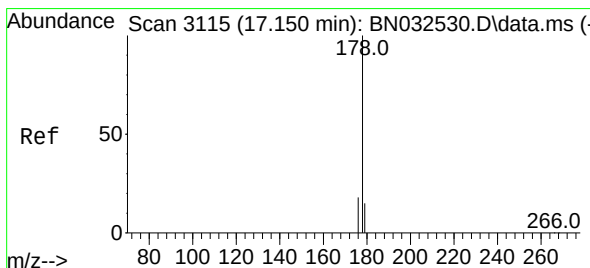
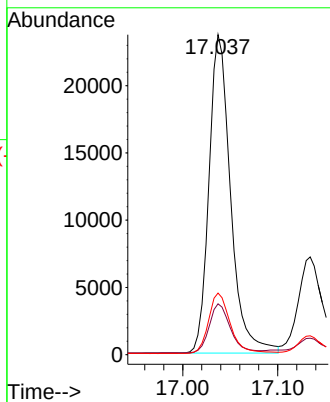
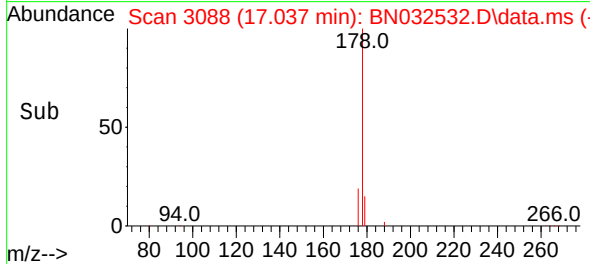
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:178 Resp: 3758
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.3 15.6 23.4

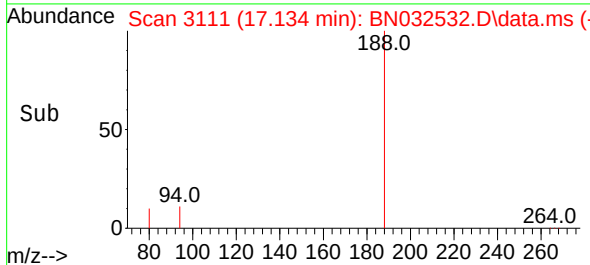
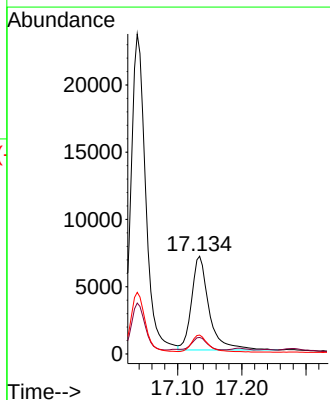
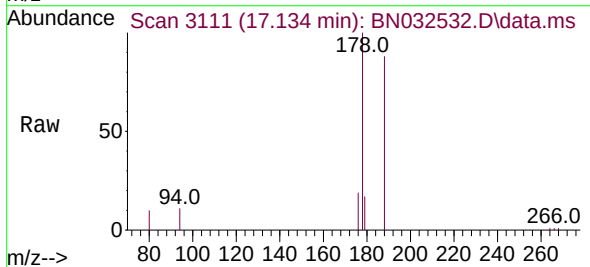
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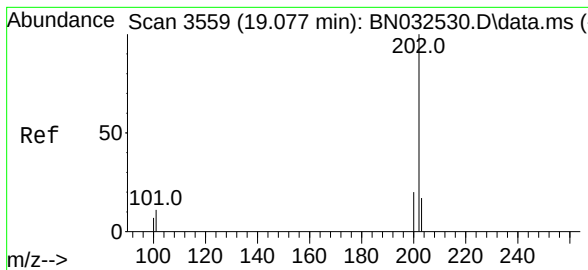
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

Tgt Ion:178 Resp: 13232
Ion Ratio Lower Upper
178 100
179 16.9 12.5 18.7
176 19.4 15.0 22.6





#19

Fluoranthene

Concen: 1.359 ng/ul

RT: 19.064 min Scan# 3559

Delta R.T. -0.009 min

Lab File: BN032532.D

Acq: 06 Jul 2024 06:23

Instrument :

BNA_N

ClientSampleId :

A4CR8DL

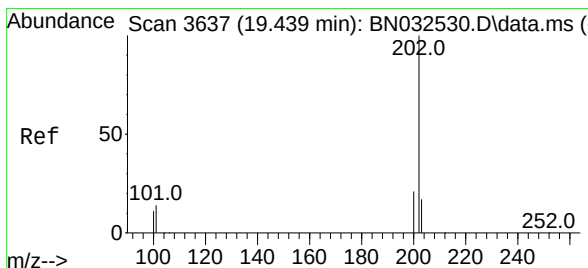
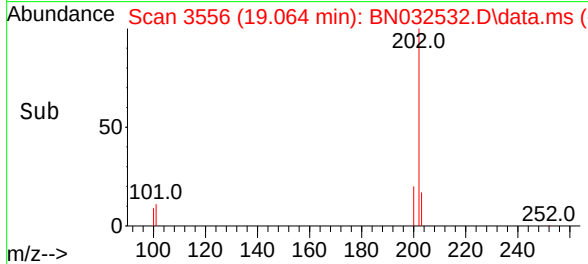
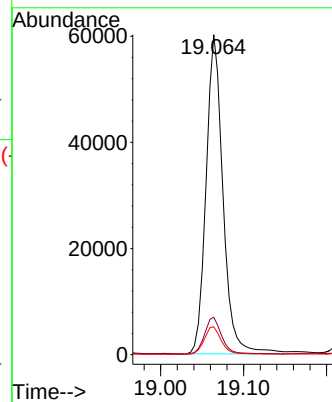
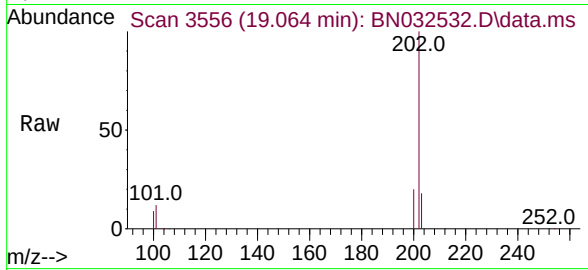
Tgt Ion:	202	Resp:	85514
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.8	13.2
100	8.7	6.4	9.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#20

Pyrene

Concen: 1.096 ng/ul

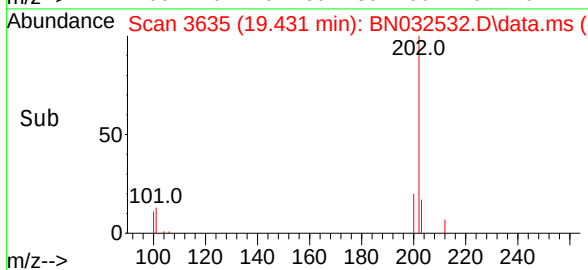
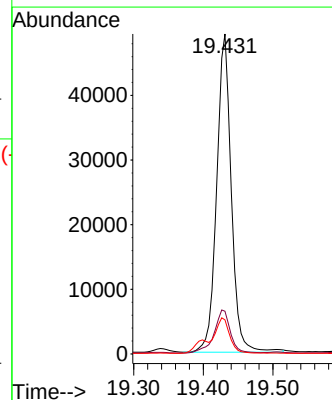
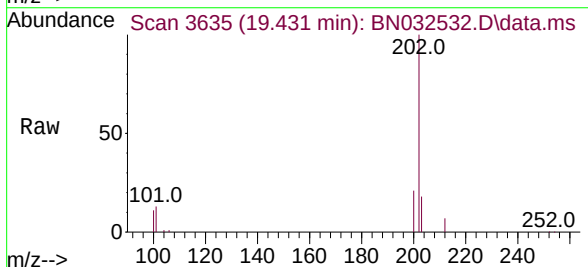
RT: 19.431 min Scan# 3635

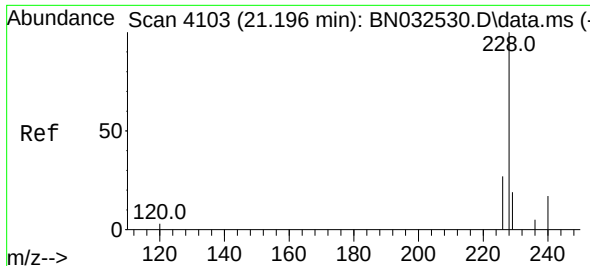
Delta R.T. -0.009 min

Lab File: BN032532.D

Acq: 06 Jul 2024 06:23

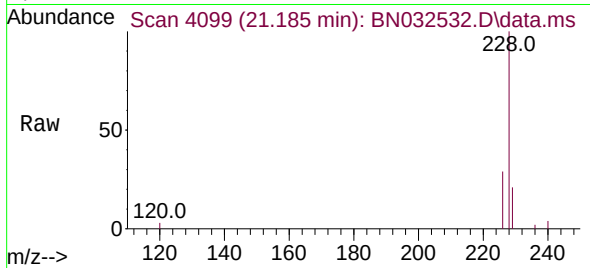
Tgt Ion:	202	Resp:	72085
Ion Ratio	Lower	Upper	
202	100		
101	13.3	11.0	16.4
100	10.6	8.7	13.1





#21
Benzo(a)anthracene
Concen: 0.773 ng/ul
RT: 21.185 min Scan# 4103
Delta R.T. -0.006 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

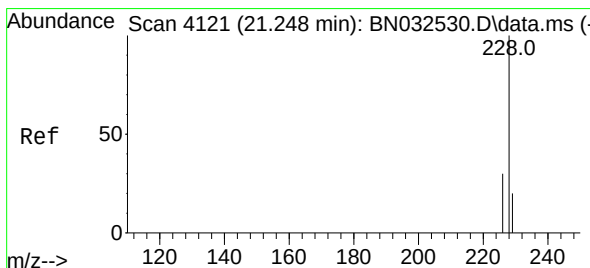
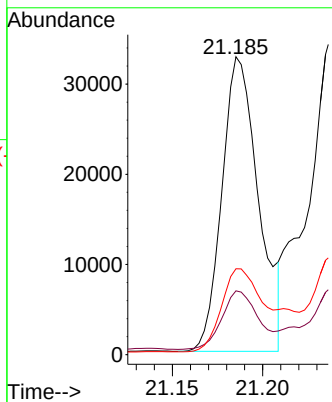
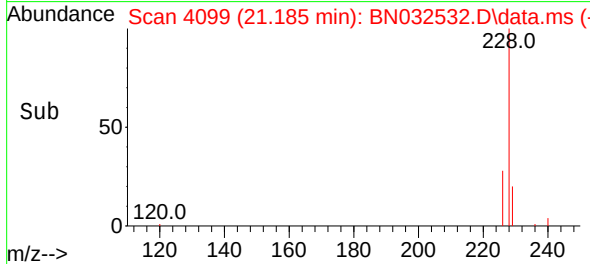
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:228 Resp: 46130
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.8 21.8 32.8

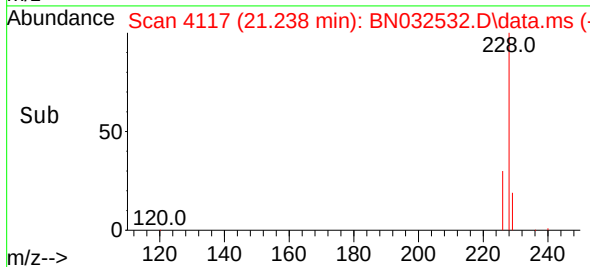
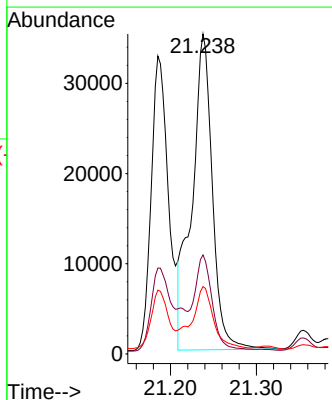
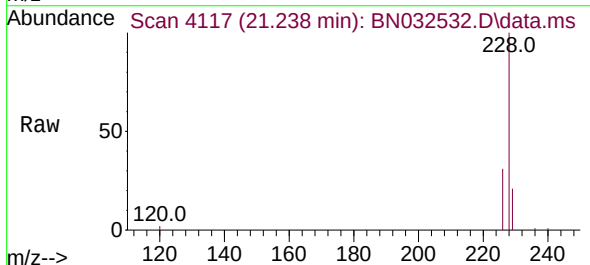
Manual Integrations
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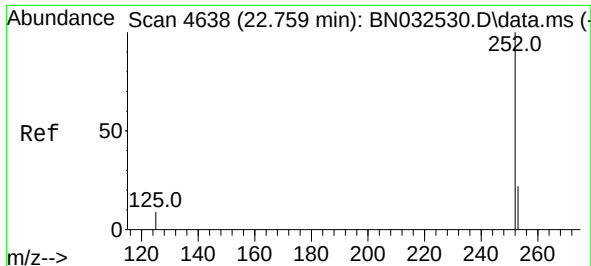
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.889 ng/ul
RT: 21.238 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

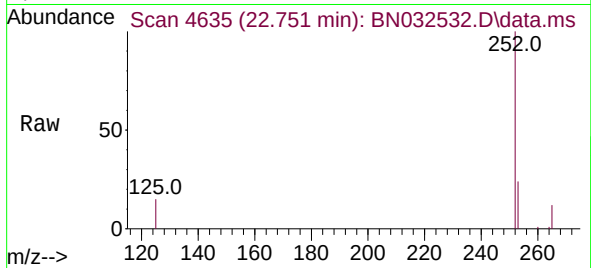
Tgt Ion:228 Resp: 58197
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 21.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.956 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.006 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

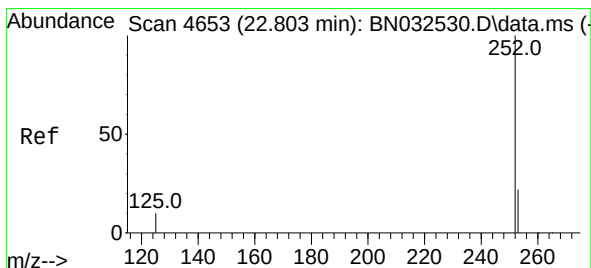
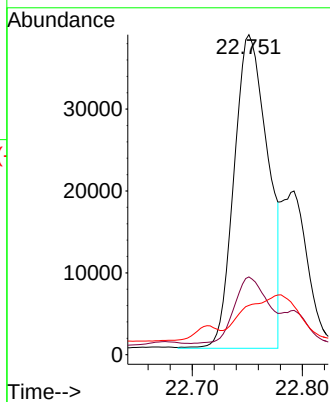
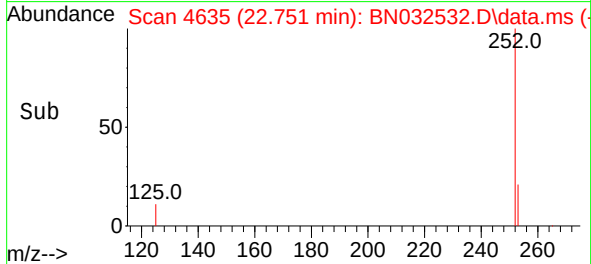
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:252 Resp: 81309
Ion Ratio Lower Upper
252 100
253 24.3 0.0 50.2
125 15.4 0.0 32.0

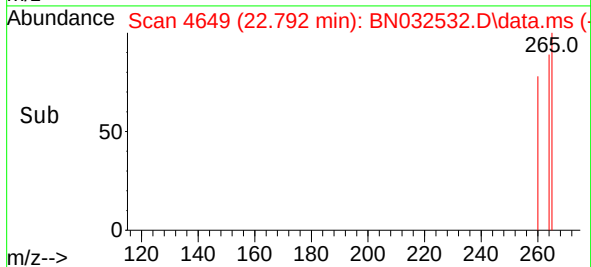
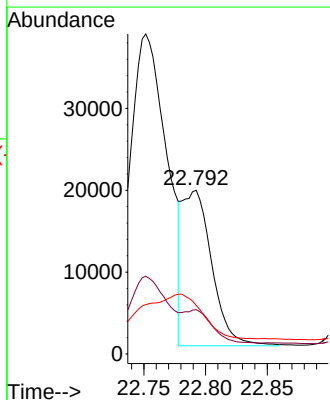
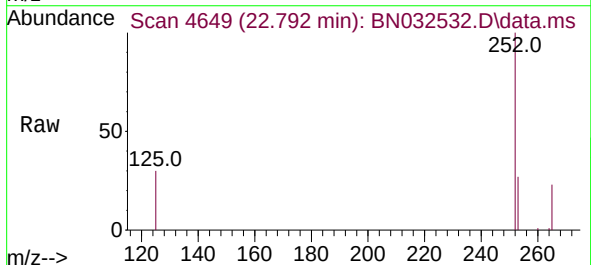
Manual Integrations
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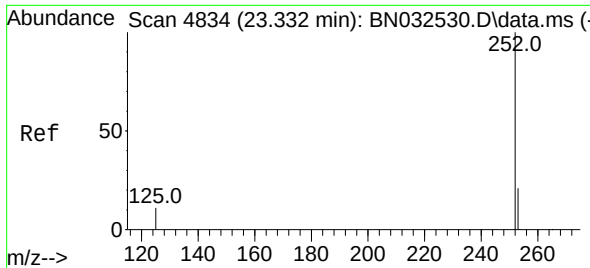
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.385 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

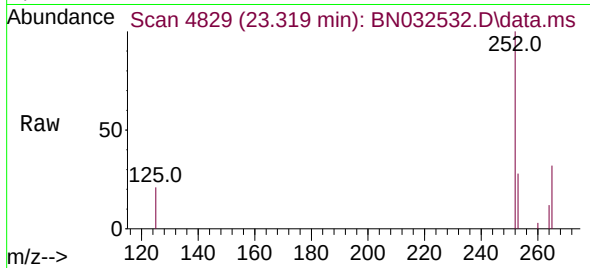
Tgt Ion:252 Resp: 31770
Ion Ratio Lower Upper
252 100
253 27.1 20.3 30.5
125 29.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.509 ng/ul
RT: 23.319 min Scan# 4829
Delta R.T. -0.009 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

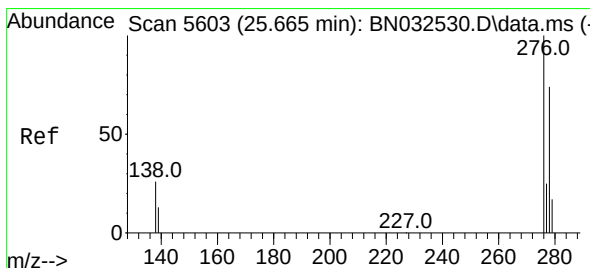
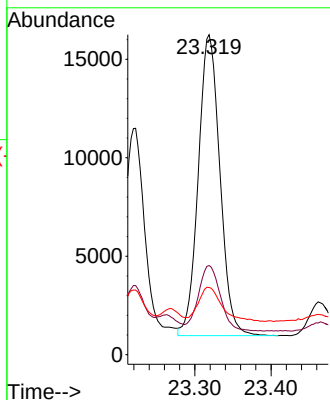
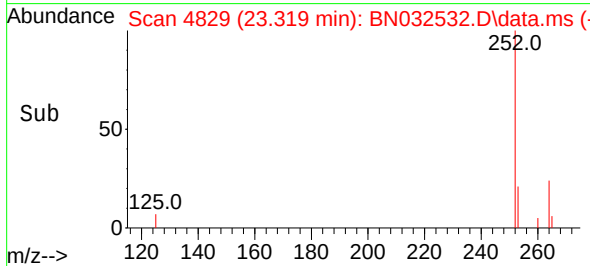
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



Tgt Ion:252 Resp: 3014
Ion Ratio Lower Upper
252 100
253 27.8 22.2 33.2
125 21.0 16.4 24.6

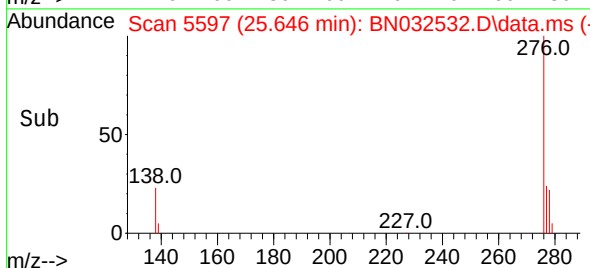
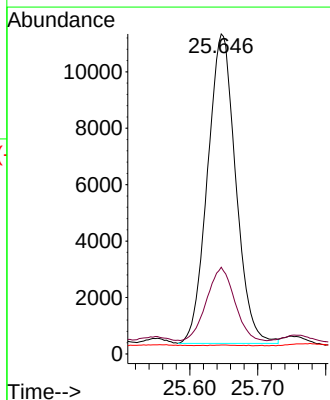
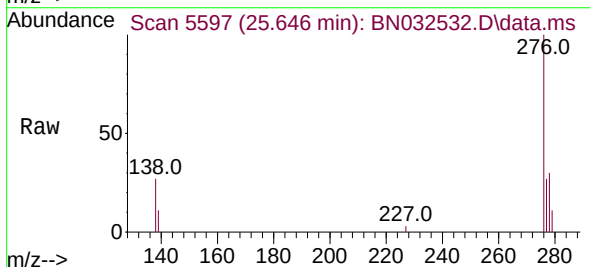
Manual Integrations
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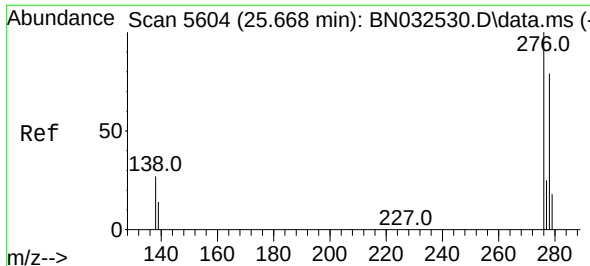
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 25.646 min Scan# 5597
Delta R.T. -0.013 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

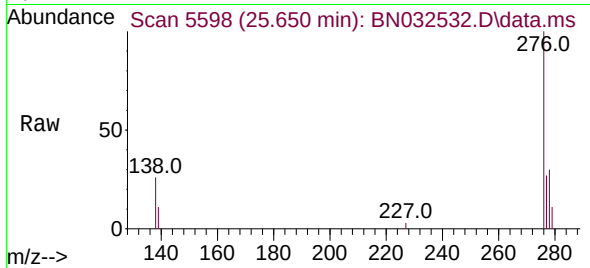
Tgt Ion:276 Resp: 31611
Ion Ratio Lower Upper
276 100
138 23.9 21.3 31.9
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.160 ng/ul
RT: 25.650 min Scan# 5598
Delta R.T. -0.017 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23

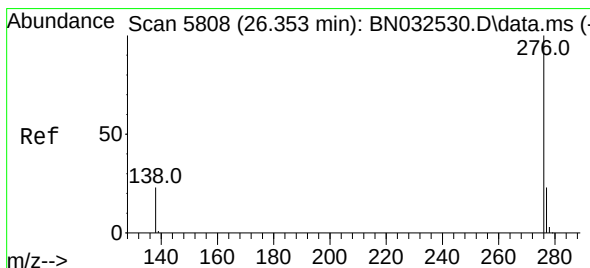
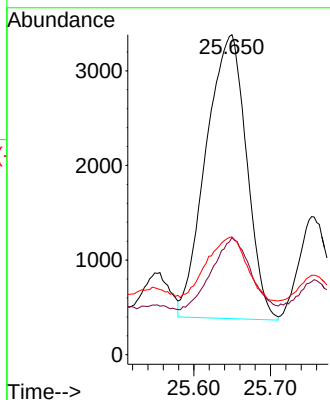
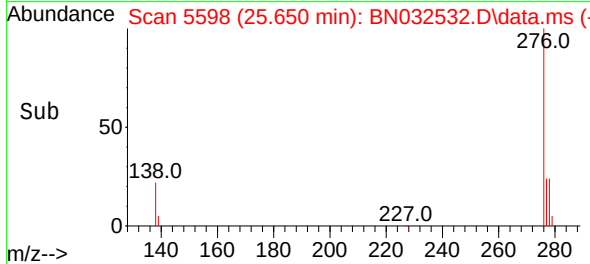
Instrument :
BNA_N
ClientSampleId :
A4CR8DL



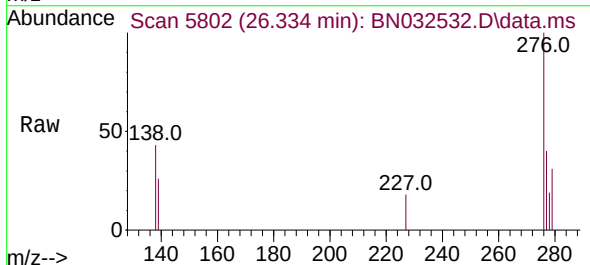
Tgt Ion:278 Resp: 11004
Ion Ratio Lower Upper
278 100
139 36.6 15.9 23.9#
279 36.8 21.1 31.7#

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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.334 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BN032532.D
Acq: 06 Jul 2024 06:23



Tgt Ion:276 Resp: 4641
Ion Ratio Lower Upper
276 100
138 43.5 19.8 29.6#
277 40.1 19.8 29.6#

