

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035338.D
 Acq On : 27 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4895-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 27 06:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.310	152	3847	0.400	ng/ul	0.00
4) Naphthalene-d8	10.053	136	10847	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.967	164	7092	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	14749	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	9308	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	7904m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	9517	2.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	3218	0.202	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	8826	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.102	128	644	0.024	ng/ul#	74
7) 2-Methylnaphthalene	11.736	142	945	0.050	ng/ul	96
8) 1-Methylnaphthalene	11.961	142	727	0.038	ng/ul	96
10) Acenaphthylene	13.681	152	13148	0.467	ng/ul	99
11) Acenaphthene	14.032	153	6845	0.318	ng/ul	99
12) Fluorene	15.031	166	10692	0.423	ng/ul	99
15) Phenanthrene	16.776	178	152137	3.902	ng/ul	99
16) Anthracene	16.869	178	30150	0.833	ng/ul	99
19) Fluoranthene	18.814	202	266223	8.215	ng/ul#	94
20) Pyrene	19.181	202	207370	6.149	ng/ul#	92
21) Benzo(a)anthracene	20.961	228	81716	2.530	ng/ul	95
22) Chrysene	21.011	228	80482	2.476	ng/ul	99
24) Benzo(b)fluoranthene	22.457	252	92121m	3.526	ng/ul	
25) Benzo(k)fluoranthene	22.492	252	34182m	1.269	ng/ul	
26) Benzo(a)pyrene	22.981	252	64014m	2.681	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.104	276	42187m	1.308	ng/ul	
28) Dibenzo(a,h)anthracene	25.114	278	9541m	0.377	ng/ul	
29) Benzo(g,h,i)perylene	25.725	276	42386m	1.667	ng/ul	

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

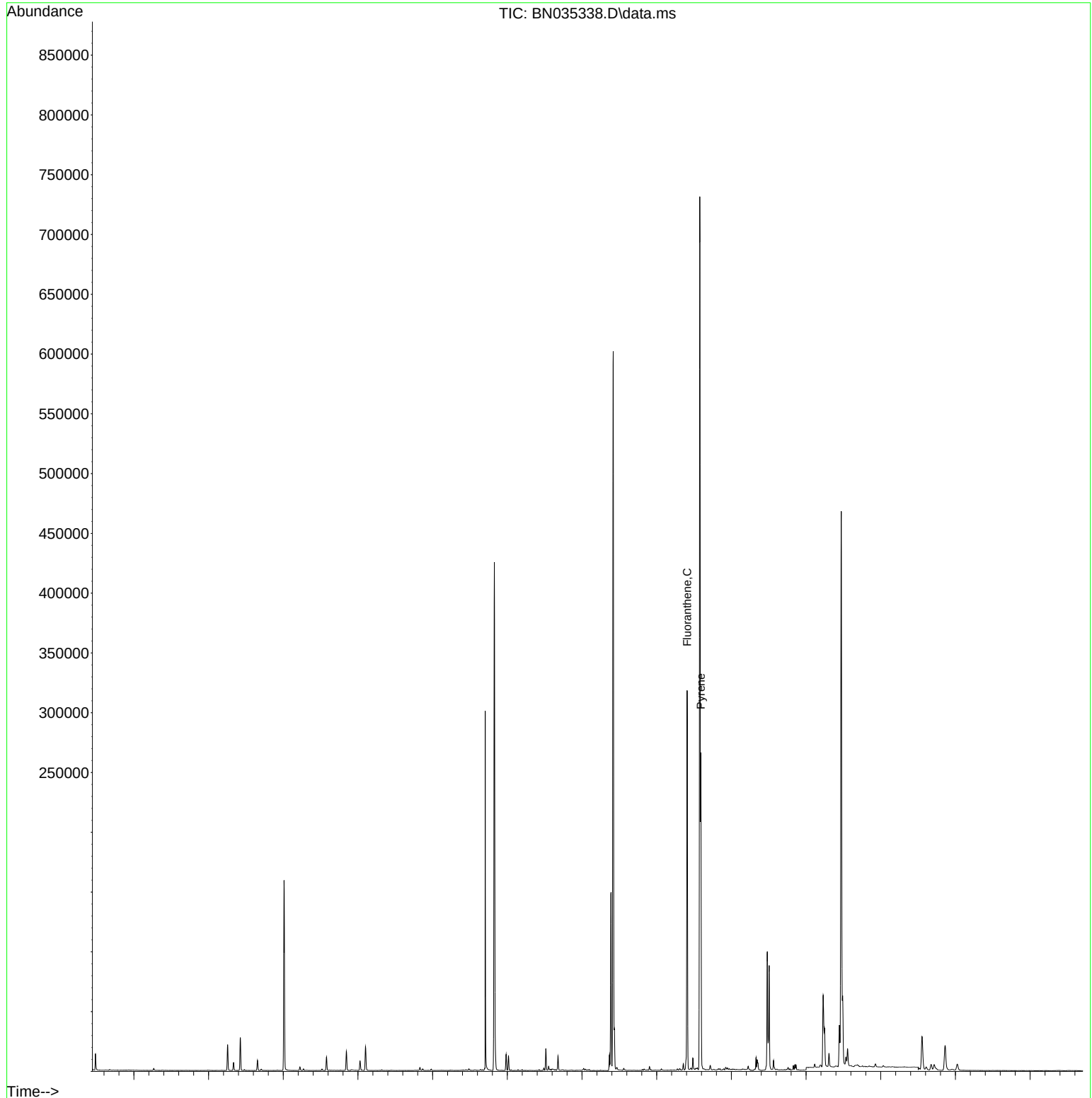
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035338.D
Acq On : 27 Nov 2024 05:42
Operator : RC/JU
Sample : P4895-02
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ALS Vial : 38 Sample Multiplier: 1

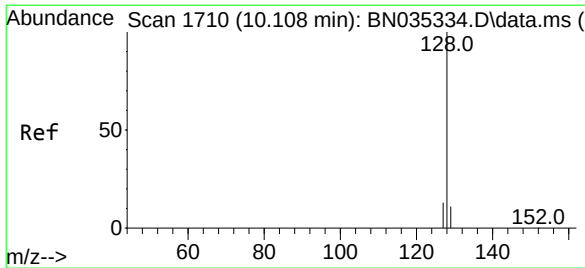
Instrument :
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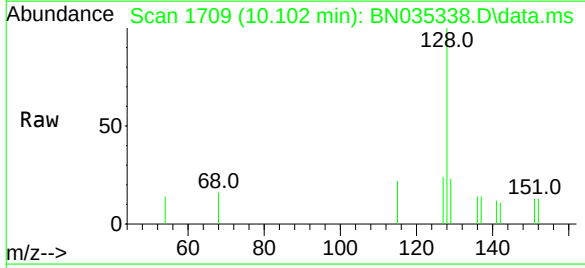
Quant Time: Nov 27 06:04:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/u1
RT: 10.102 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

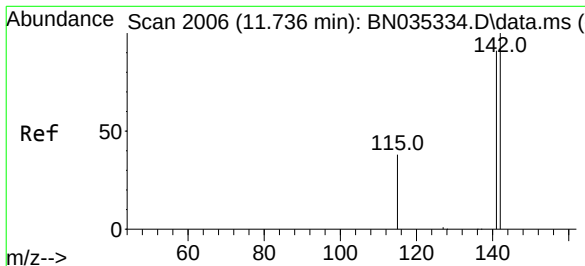
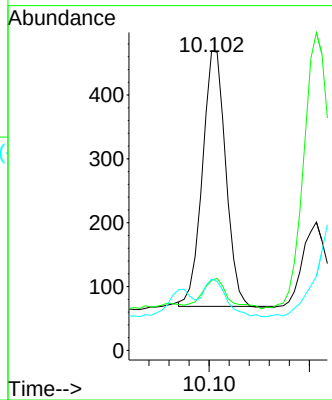
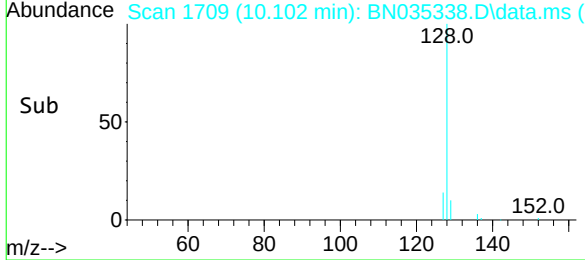
Instrument :
BNA_N
ClientSampleId :
E2A12



Tgt Ion:128 Resp: 644
Ion Ratio Lower Upper
128 100
129 23.5 9.9 14.9#
127 23.9 11.4 17.2#

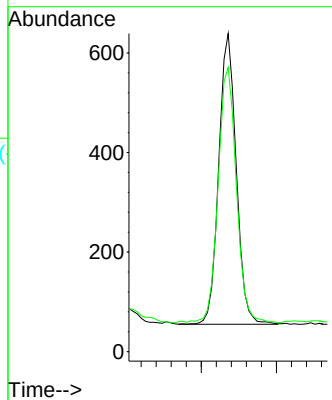
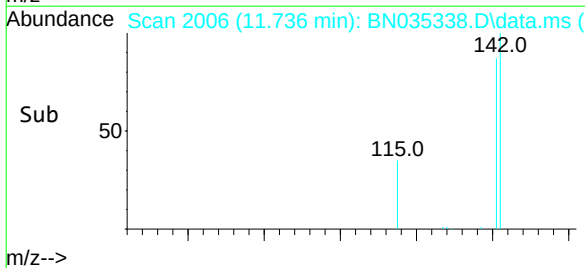
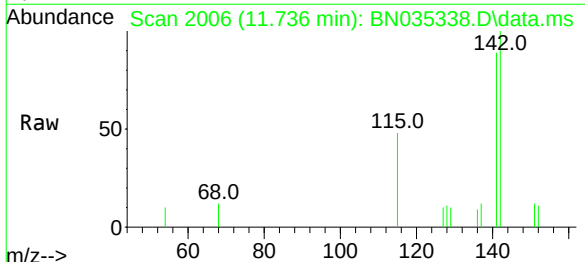
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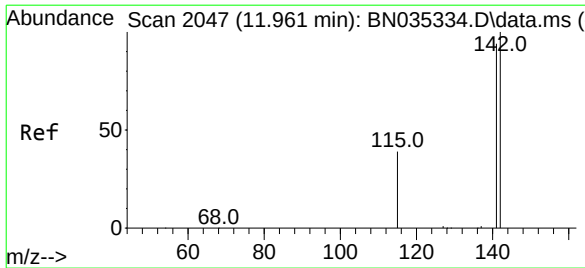
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#7
2-Methylnaphthalene
Concen: 0.050 ng/u1
RT: 11.736 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

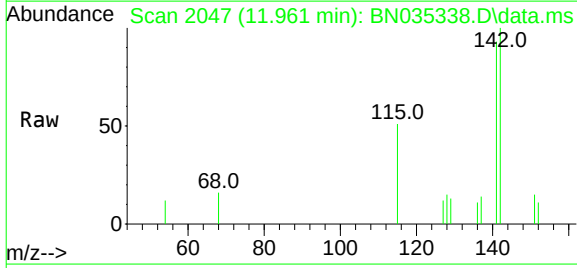
Tgt Ion:142 Resp: 945
Ion Ratio Lower Upper
142 100
141 91.7 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.038 ng/u1
RT: 11.961 min Scan# 2047
Delta R.T. -0.006 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

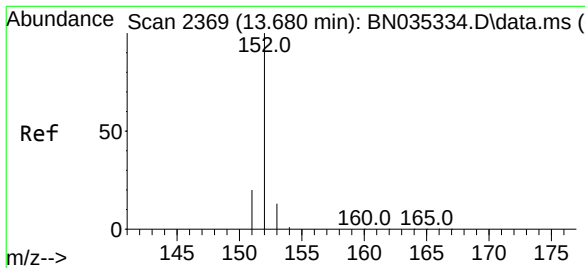
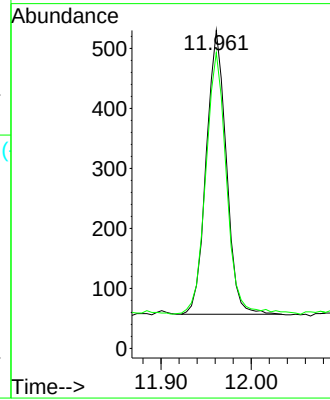
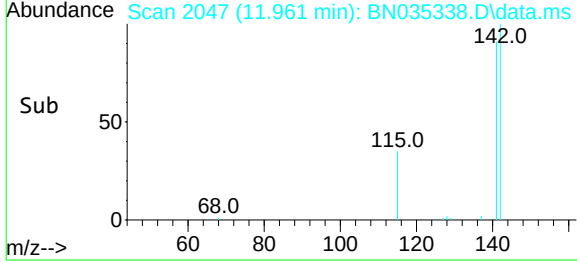
Instrument :
BNA_N
ClientSampleId :
E2A12



Tgt Ion:142 Resp: 727
Ion Ratio Lower Upper
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141 95.6 73.1 109.7

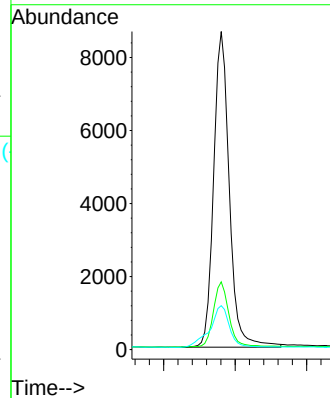
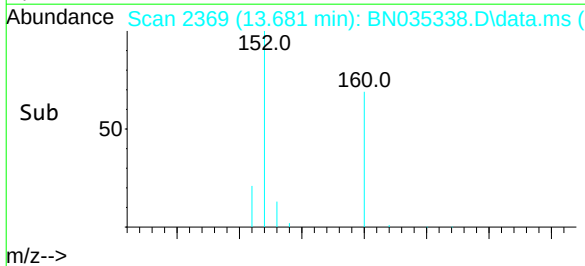
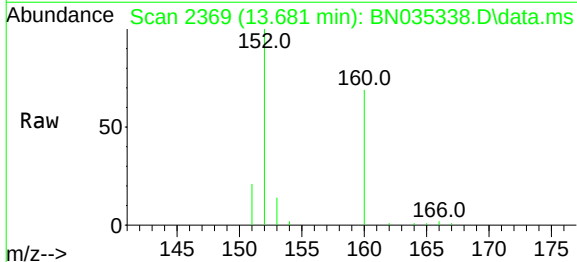
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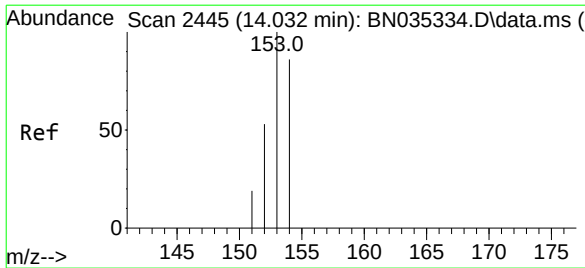
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#10
Acenaphthylene
Concen: 0.467 ng/u1
RT: 13.681 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

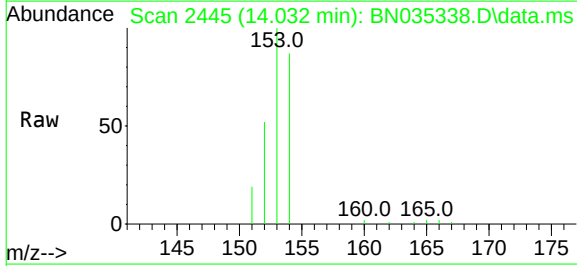
Tgt Ion:152 Resp: 13148
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 13.8 11.1 16.7





#11
Acenaphthene
Concen: 0.318 ng/u1
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

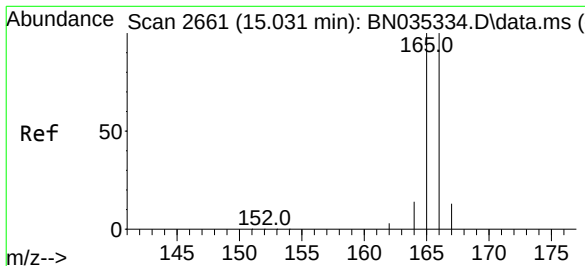
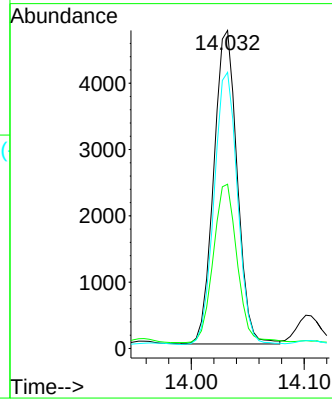
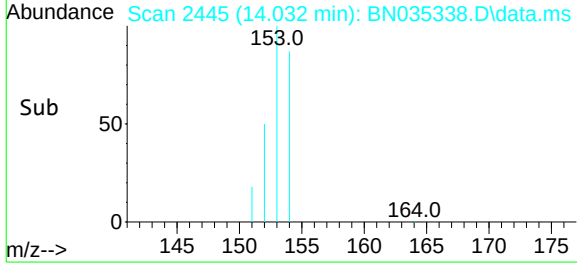
Instrument :
BNA_N
ClientSampleId :
E2A12



Tgt Ion:153 Resp: 6845
Ion Ratio Lower Upper
153 100
152 51.6 41.4 62.0
154 86.8 71.2 106.8

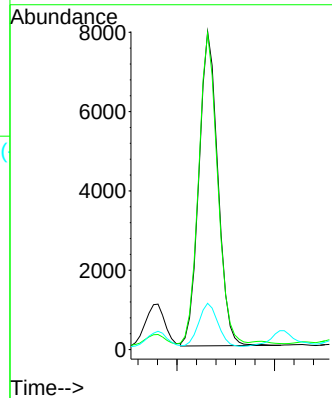
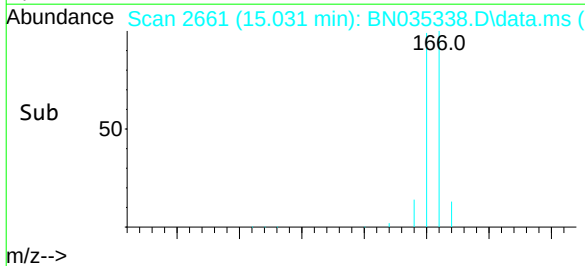
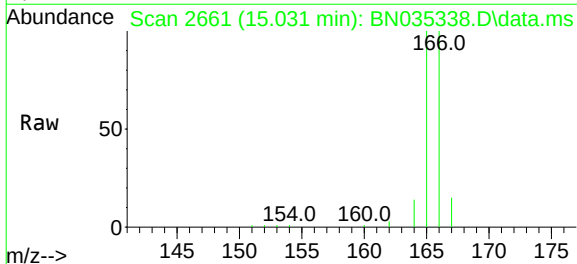
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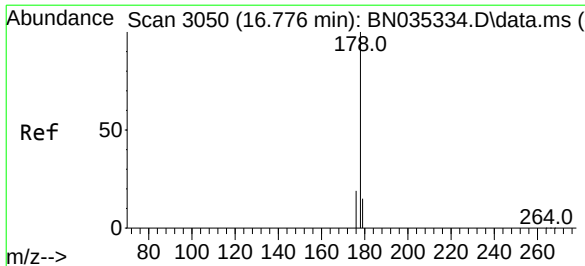
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#12
Fluorene
Concen: 0.423 ng/u1
RT: 15.031 min Scan# 2661
Delta R.T. -0.005 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

Tgt Ion:166 Resp: 10692
Ion Ratio Lower Upper
166 100
165 99.5 78.6 118.0
167 14.6 11.8 17.6





#15

Phenanthrene

Concen: 3.902 ng/u1

RT: 16.776 min Scan# 3050

Delta R.T. -0.004 min

Lab File: BN035338.D

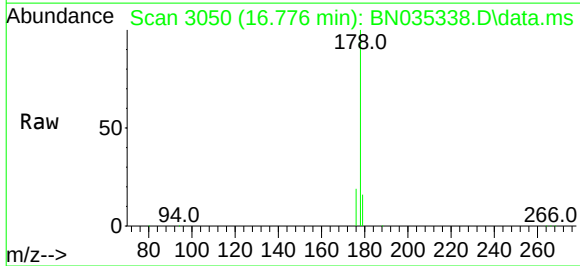
Acq: 27 Nov 2024 05:42

Instrument :

BNA_N

ClientSampleId :

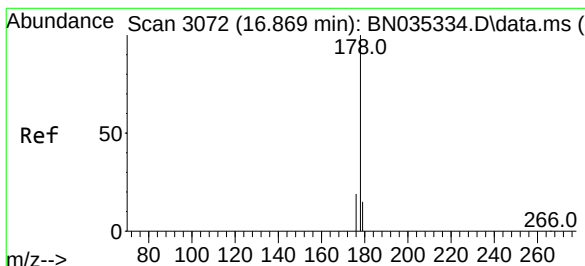
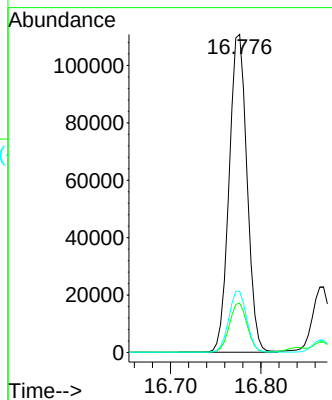
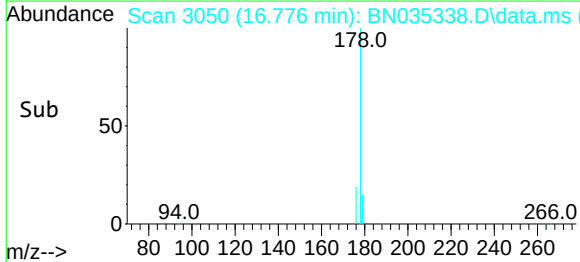
E2A12



Tgt Ion:	178	Resp:	152137
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.9	19.3
176	19.2	15.6	23.4

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Supervised By :mohammad ahmed 11/28/2024



#16

Anthracene

Concen: 0.833 ng/u1

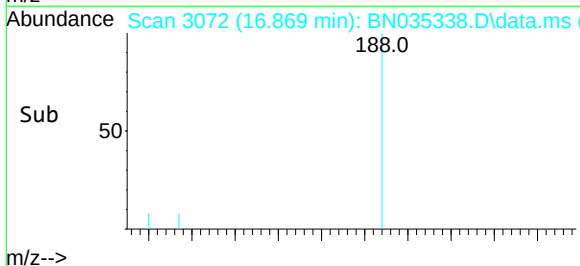
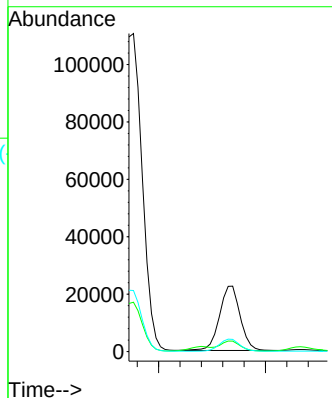
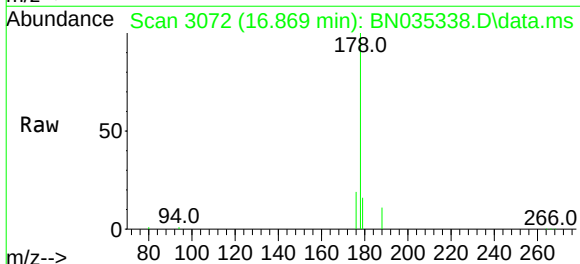
RT: 16.869 min Scan# 3072

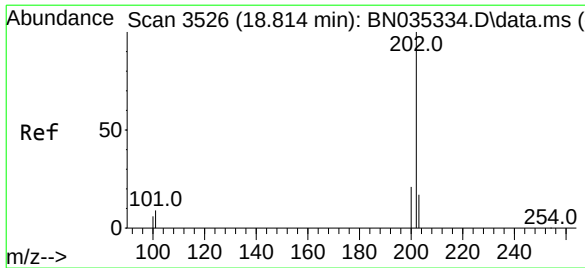
Delta R.T. -0.004 min

Lab File: BN035338.D

Acq: 27 Nov 2024 05:42

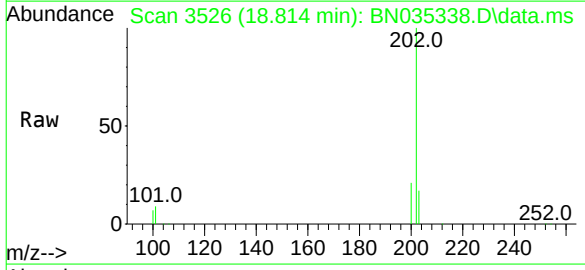
Tgt Ion:	178	Resp:	30150
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.9	19.3
176	18.6	15.4	23.2





#19
Fluoranthene
Concen: 8.215 ng/u1
RT: 18.814 min Scan# 3526
Delta R.T. -0.005 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

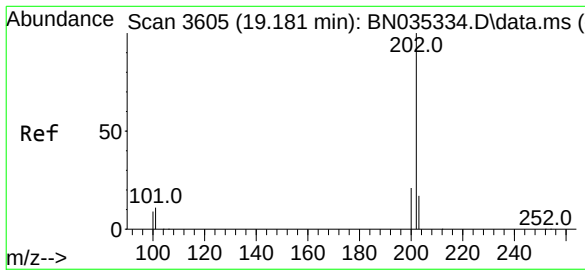
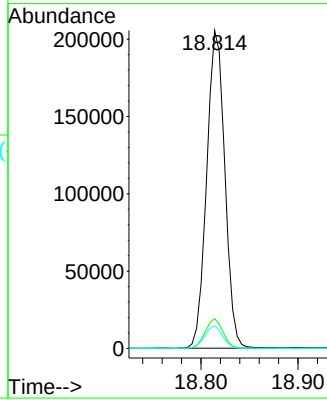
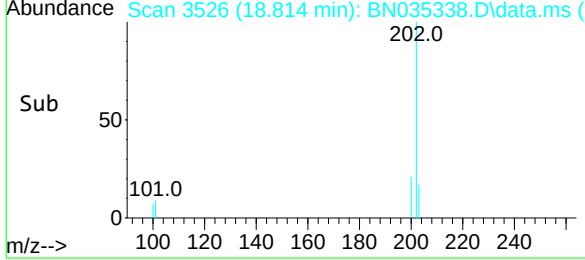
Instrument :
BNA_N
ClientSampleId :
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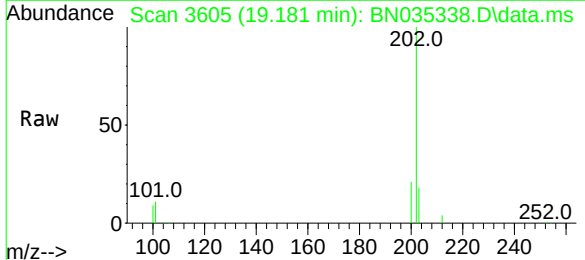
Tgt Ion: 202 Resp: 266223
Ion Ratio Lower Upper
202 100
101 9.4 5.8 8.6#
100 7.1 4.5 6.7#

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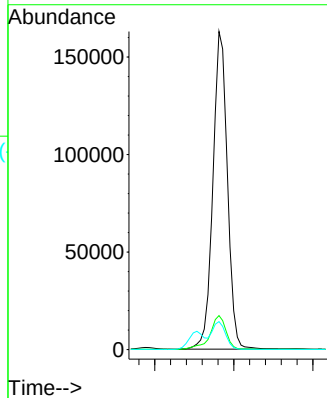
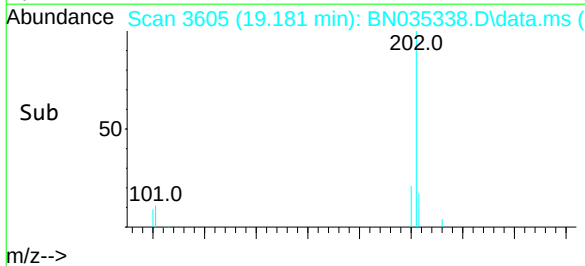
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

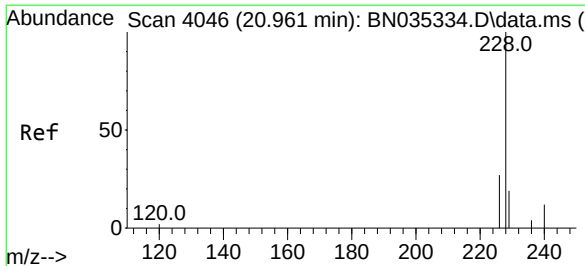


#20
Pyrene
Concen: 6.149 ng/u1
RT: 19.181 min Scan# 3605
Delta R.T. -0.005 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42



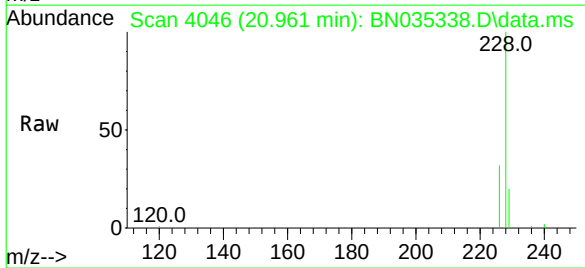
Tgt Ion: 202 Resp: 207370
Ion Ratio Lower Upper
202 100
101 10.7 6.2 9.4#
100 8.8 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 2.530 ng/u1
RT: 20.961 min Scan# 4046
Delta R.T. -0.003 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

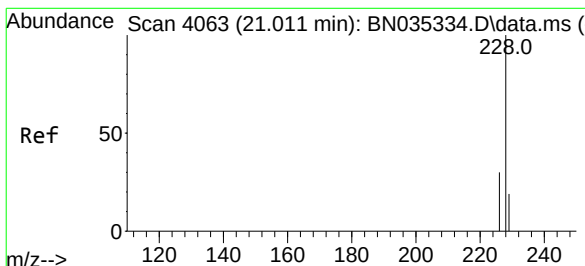
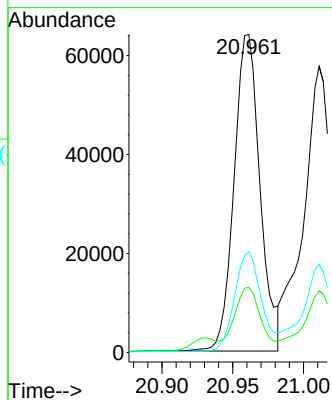
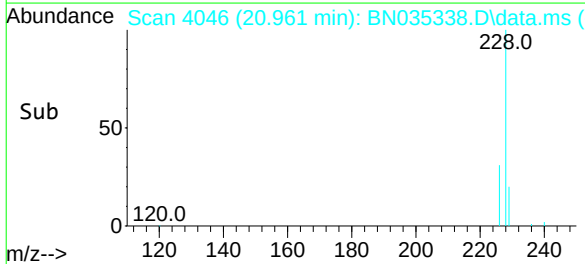
Instrument :
BNA_N
ClientSampleId :
E2A12



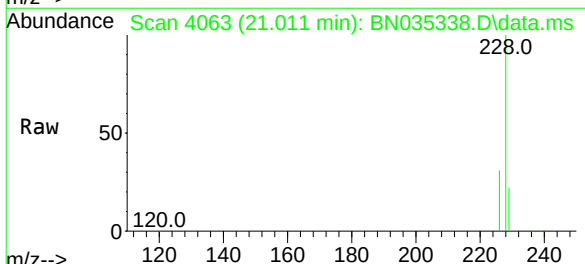
Tgt Ion:	228	Resp:	81716
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.8	23.8
226	31.6	21.8	32.8

Manual Integrations
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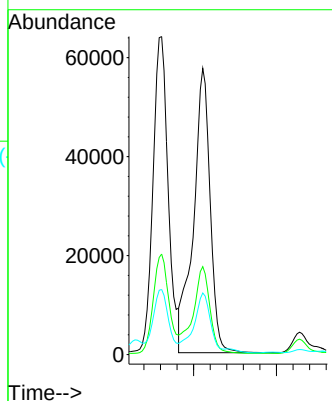
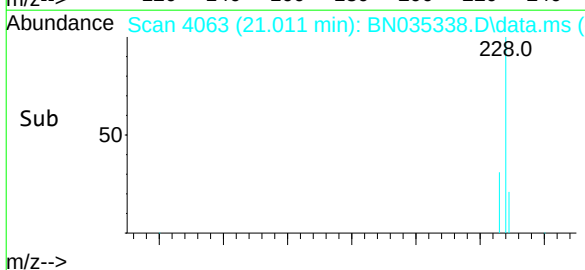
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

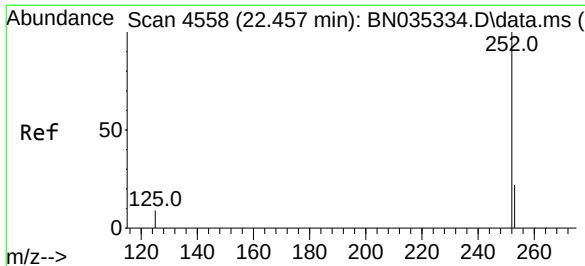


#22
Chrysene
Concen: 2.476 ng/u1
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42



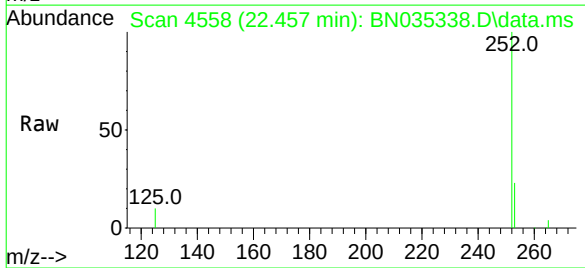
Tgt Ion:	228	Resp:	80482
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	21.5	16.0	24.0





#24
Benzo(b)fluoranthene
Concen: 3.526 ng/u1 m
RT: 22.457 min Scan# 45
Delta R.T. -0.006 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

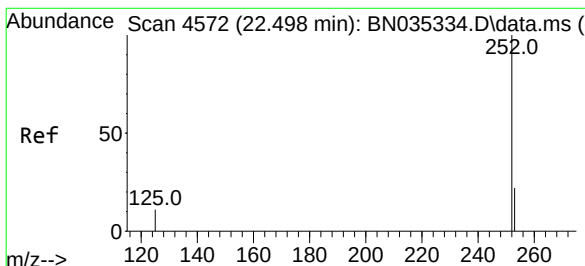
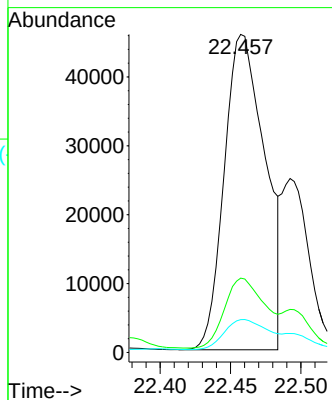
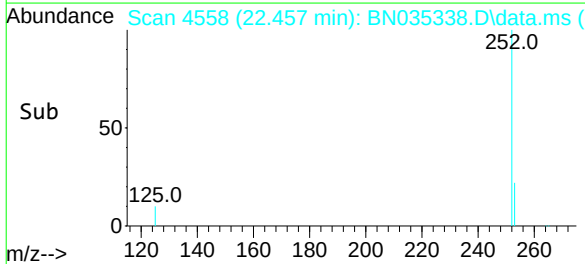
Instrument :
BNA_N
ClientSampleId :
E2A12



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	54.0
125	10.3	0.0	19.4

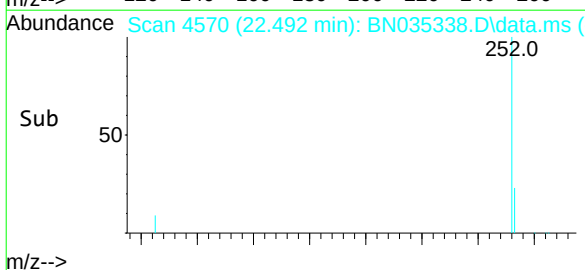
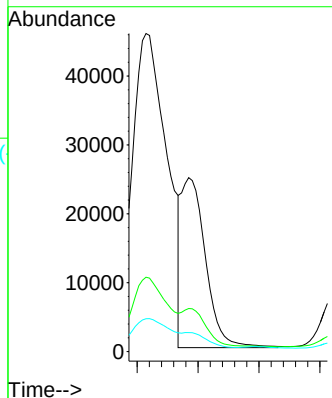
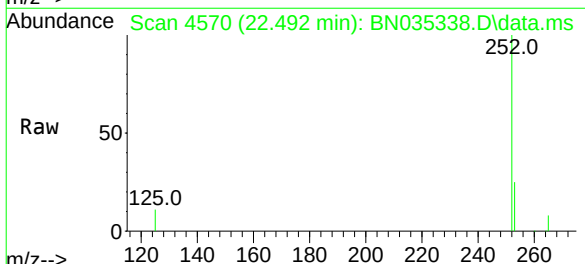
Manual Integrations
APPROVED

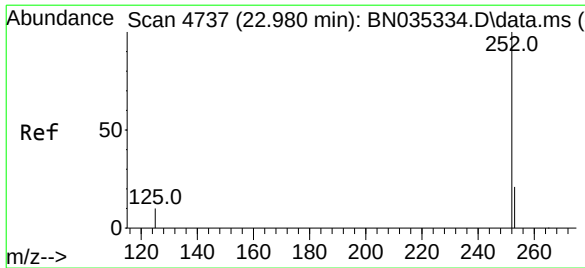
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#25
Benzo(k)fluoranthene
Concen: 1.269 ng/u1 m
RT: 22.492 min Scan# 4570
Delta R.T. -0.012 min
Lab File: BN035338.D
Acq: 27 Nov 2024 05:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	21.8	32.6
125	10.9	8.6	12.8





#26

Benzo(a)pyrene

Concen: 2.681 ng/ul m

RT: 22.981 min Scan# 47

Delta R.T. -0.006 min

Lab File: BN035338.D

Acq: 27 Nov 2024 05:42

Instrument :

BN035338.D

ClientSampleId :

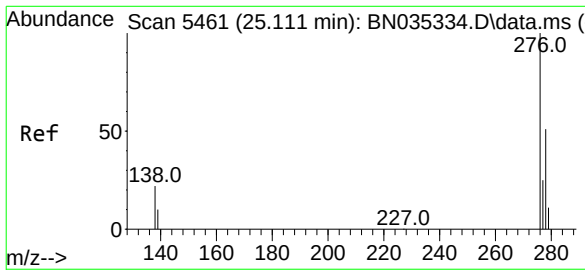
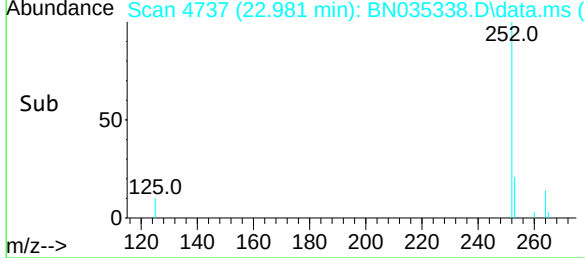
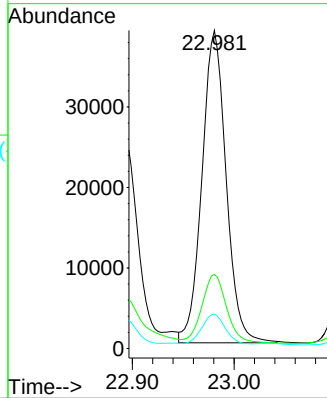
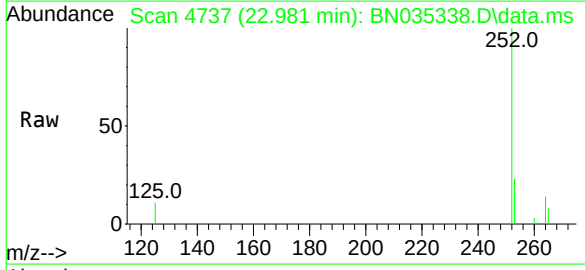
E2A12

Tgt Ion:	252	Resp:	64014
Ion Ratio	Lower	Upper	
252	100		
253	23.3	22.9	34.3
125	10.8	9.4	14.2

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 1.308 ng/ul m

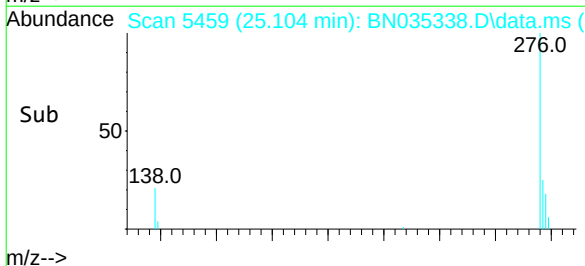
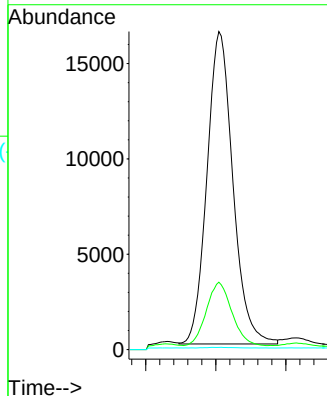
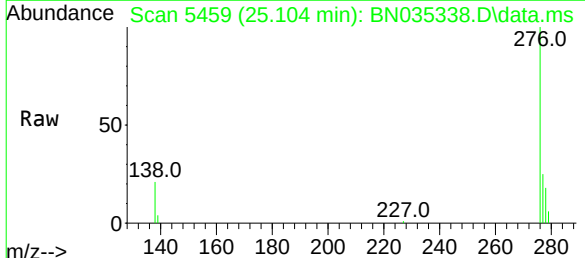
RT: 25.104 min Scan# 5459

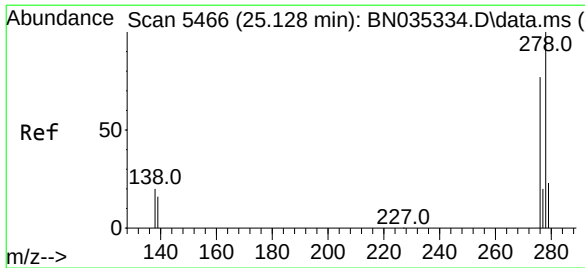
Delta R.T. -0.017 min

Lab File: BN035338.D

Acq: 27 Nov 2024 05:42

Tgt Ion:	276	Resp:	42187
Ion Ratio	Lower	Upper	
276	100		
138	20.6	13.8	20.8
227	2.1	0.2	0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.377 ng/ul m

RT: 25.114 min Scan# 54

Delta R.T. -0.023 min

Lab File: BN035338.D

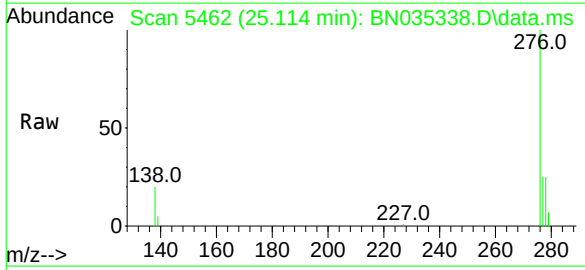
Acq: 27 Nov 2024 05:42

Instrument :

BNA_N

ClientSampleId :

E2A12

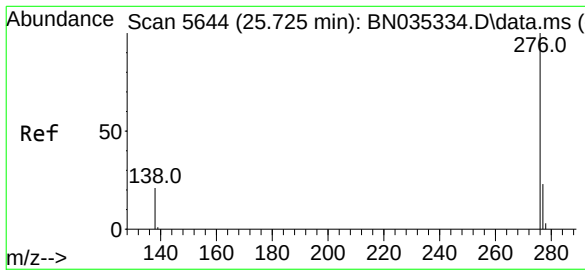
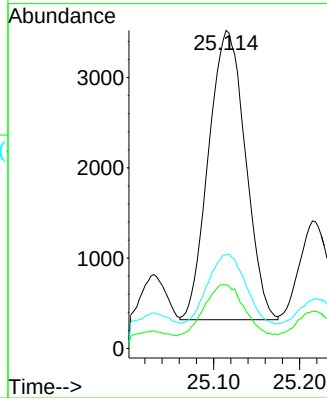


Tgt	Ion	278	Resp:	9541
Ion	Ratio	Lower	Upper	
278	100			
139	20.0	10.7	16.1	#
279	29.4	22.8	34.2	

Manual Integrations

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#29

Benzo(g,h,i)perylene

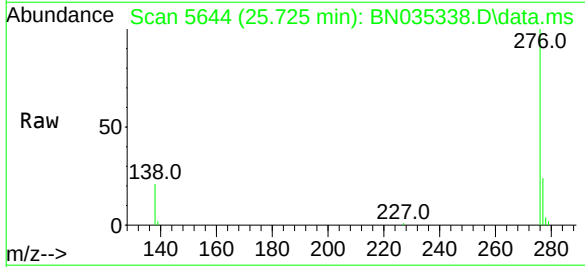
Concen: 1.667 ng/ul m

RT: 25.725 min Scan# 5644

Delta R.T. -0.010 min

Lab File: BN035338.D

Acq: 27 Nov 2024 05:42



Tgt	Ion	276	Resp:	42386
Ion	Ratio	Lower	Upper	
276	100			
138	21.4	13.0	19.6	#
277	24.3	20.5	30.7	

