

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035707.D
 Acq On : 19 Dec 2024 15:41
 Operator : RC/JU
 Sample : P5258-11DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X5DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 16:28:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3551	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9335	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6834	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.704	188	14394	0.400	ng/ul	-0.01
17) Chrysene-d12	20.955	240	12225	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	13414m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2555	0.812	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	581	0.044	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1013	0.028	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	481m	0.021	ng/ul	
11) Acenaphthene	14.000	153	1106	0.055	ng/ul	97
12) Fluorene	15.003	166	744	0.032	ng/ul#	94
15) Phenanthrene	16.747	178	15079	0.419	ng/ul	99
16) Anthracene	16.840	178	3264	0.097	ng/ul	96
19) Fluoranthene	18.791	202	33940	0.776	ng/ul	99
20) Pyrene	19.158	202	31497	0.654	ng/ul	99
21) Benzo(a)anthracene	20.941	228	13762	0.339	ng/ul	99
22) Chrysene	20.990	228	14493	0.344	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	20111m	0.509	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	7507m	0.172	ng/ul	
26) Benzo(a)pyrene	22.948	252	14587m	0.381	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.064	276	10407m	0.223	ng/ul	
28) Dibenzo(a,h)anthracene	25.077	278	2021m	0.057	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	11570	0.309	ng/ul	97

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

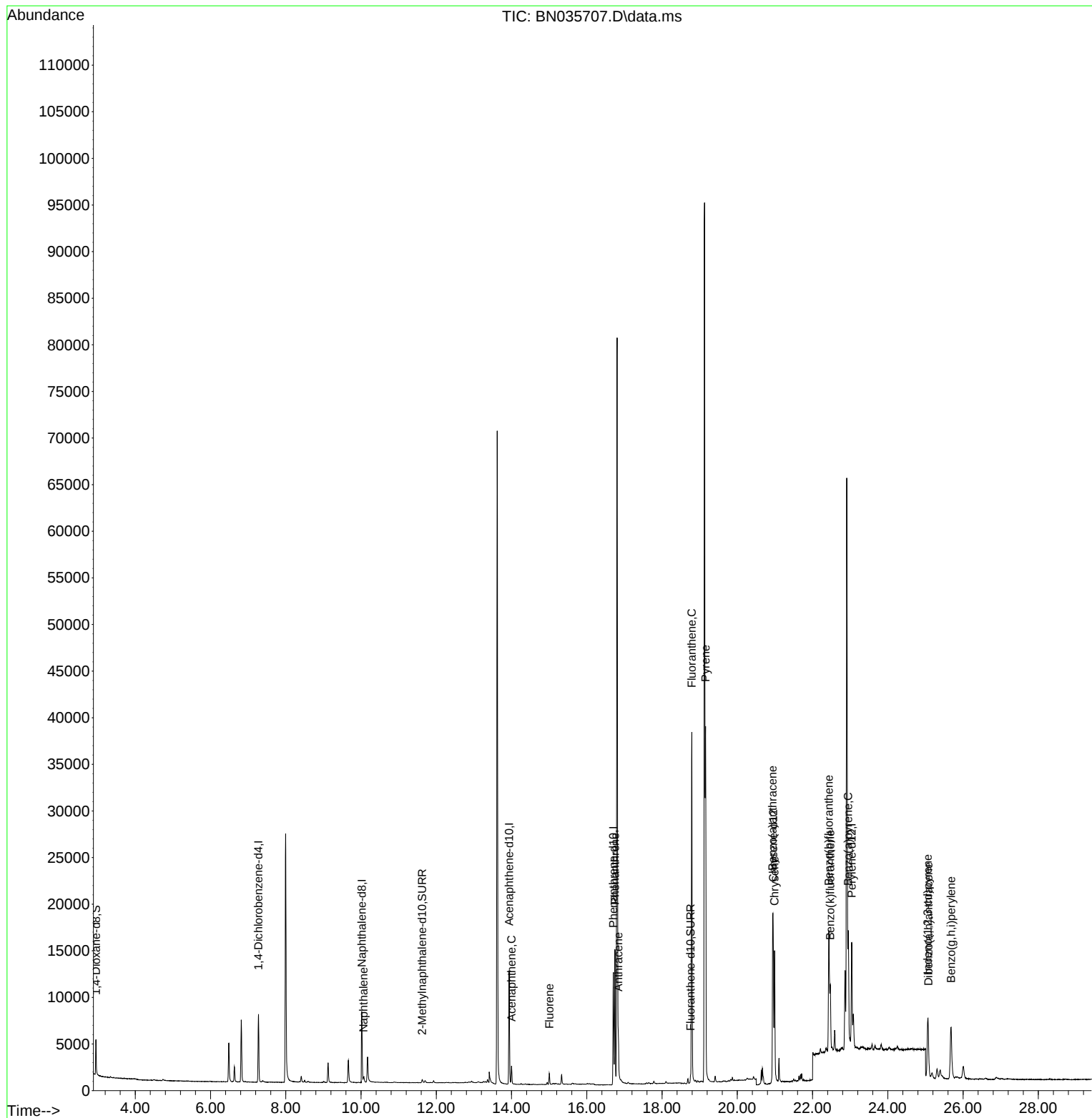
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035707.D
Acq On : 19 Dec 2024 15:41
Operator : RC/JU
Sample : P5258-11DL 5X
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ALS Vial : 48 Sample Multiplier: 1

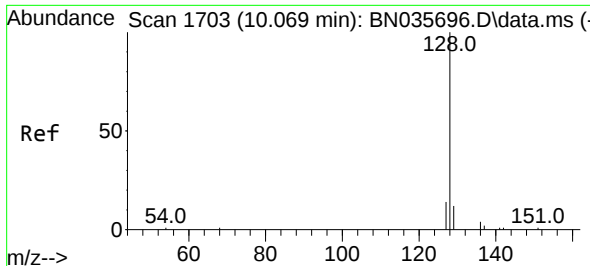
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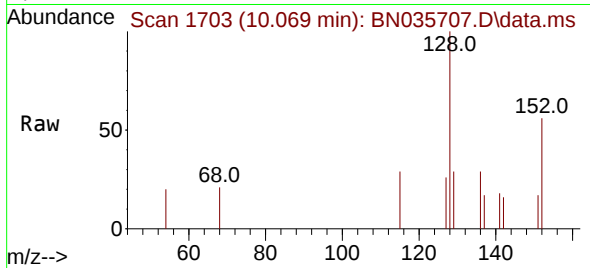
Quant Time: Dec 19 16:28:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul m
RT: 10.069 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

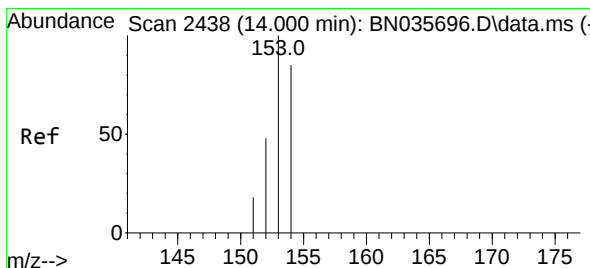
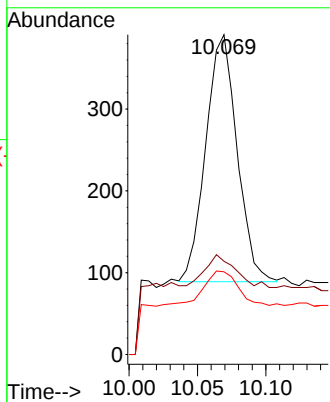
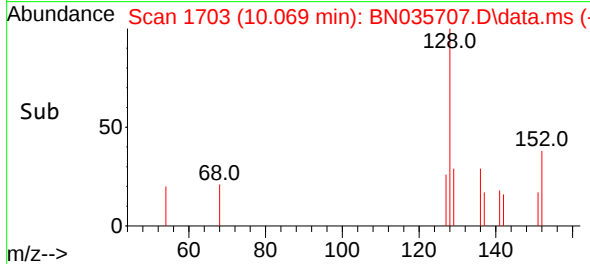
Instrument :
BNA_N
ClientSampleId :
E28X5DL



Tgt Ion:128 Resp: 48
Ion Ratio Lower Upper
128 100
129 29.2 10.8 16.2
127 25.8 12.0 18.0

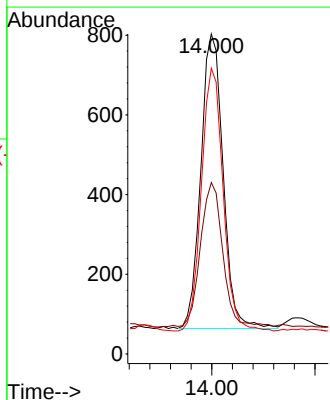
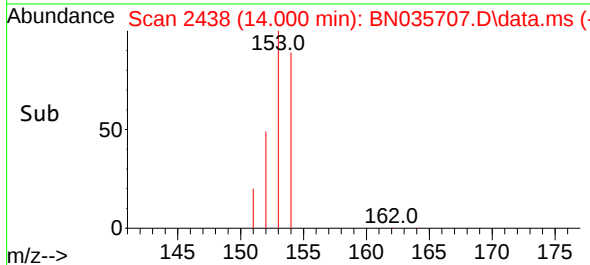
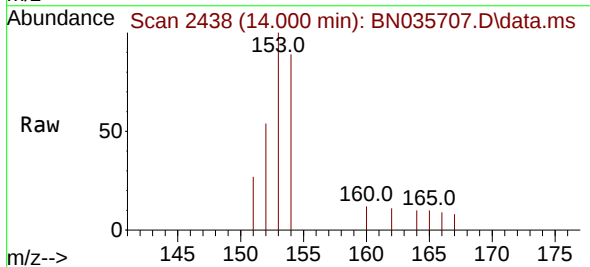
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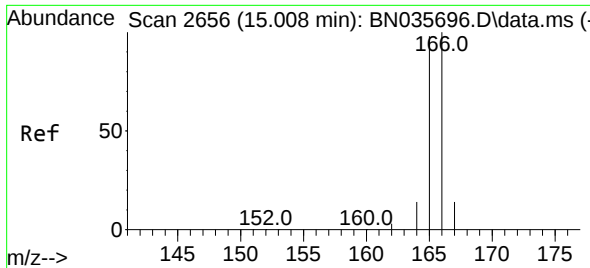
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#11
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

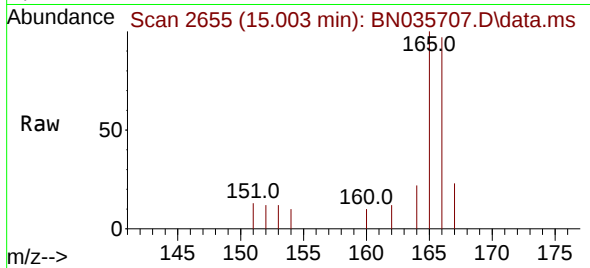
Tgt Ion:153 Resp: 1106
Ion Ratio Lower Upper
153 100
152 53.5 39.8 59.6
154 89.3 69.8 104.8





#12
Fluorene
Concen: 0.032 ng/u1
RT: 15.003 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

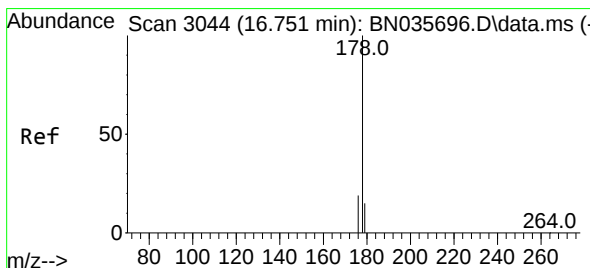
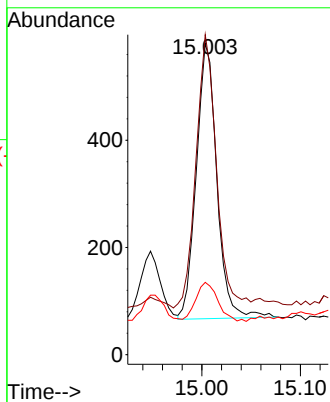
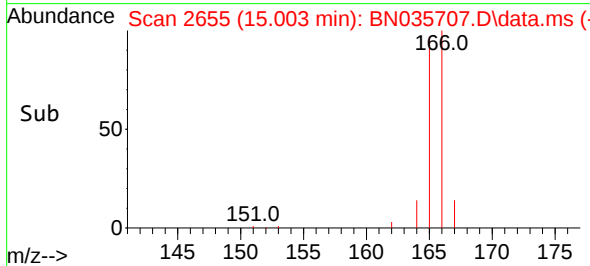
Instrument :
BNA_N
ClientSampleId :
E28X5DL



Tgt Ion:166 Resp: 744
Ion Ratio Lower Upper
166 100
165 102.8 79.5 119.3
167 23.2 11.8 17.8

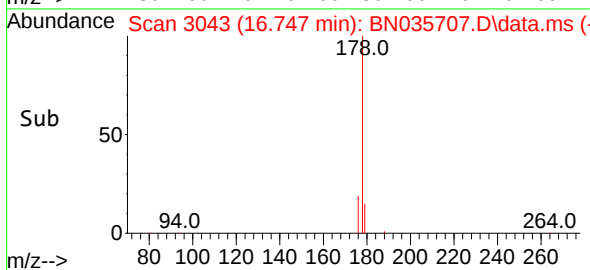
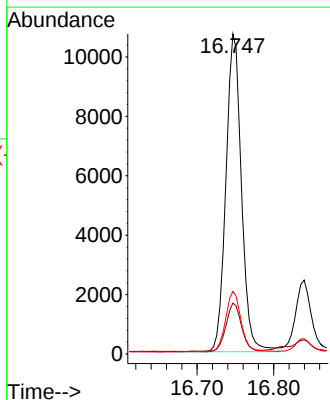
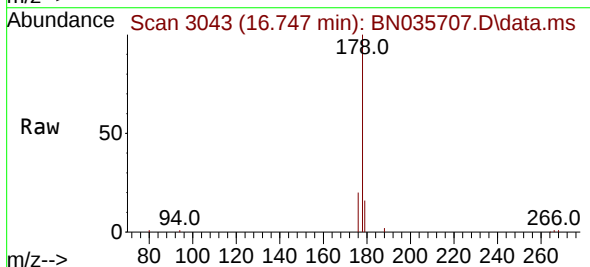
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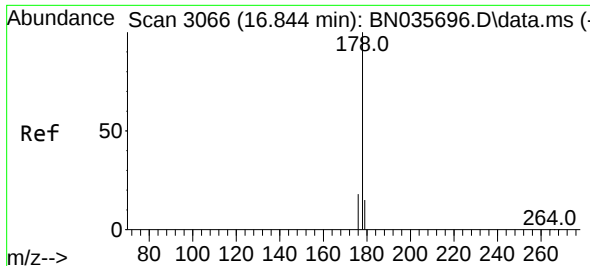
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#15
Phenanthrene
Concen: 0.419 ng/u1
RT: 16.747 min Scan# 3043
Delta R.T. -0.013 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

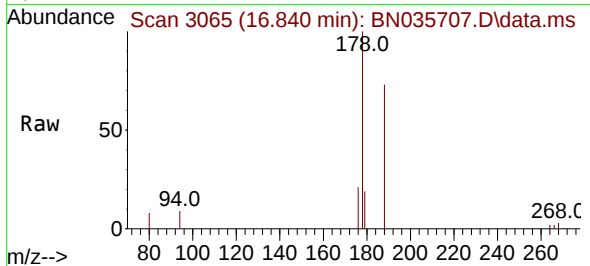
Tgt Ion:178 Resp: 15079
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.5 15.8 23.8





#16
 Anthracene
 Concen: 0.097 ng/ul
 RT: 16.840 min Scan# 3066
 Delta R.T. -0.008 min
 Lab File: BN035707.D
 Acq: 19 Dec 2024 15:41

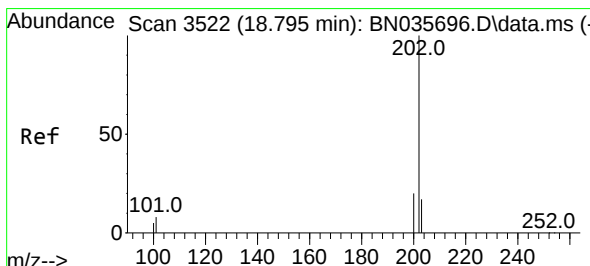
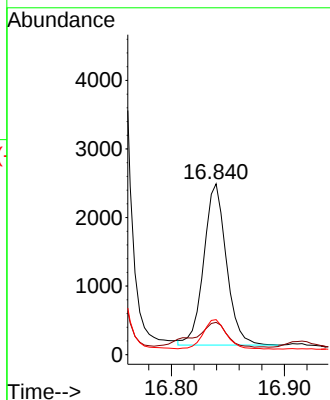
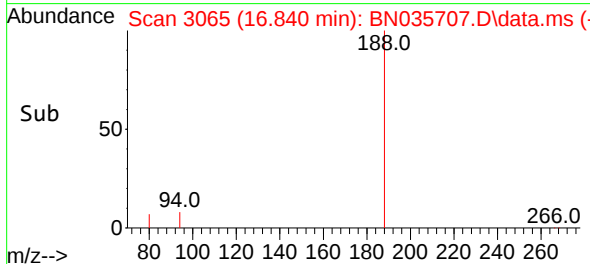
Instrument :
 BNA_N
 ClientSampleId :
 E28X5DL



Tgt Ion:178 Resp: 3264
 Ion Ratio Lower Upper
 178 100
 179 18.9 13.4 20.0
 176 20.5 15.4 23.0

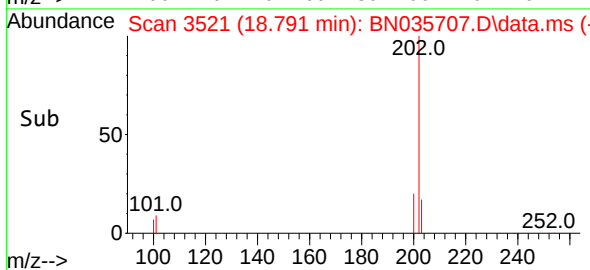
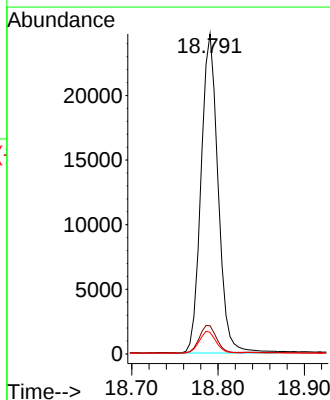
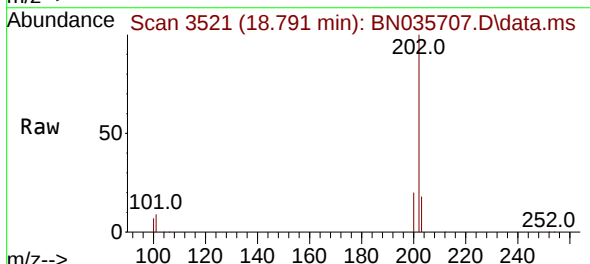
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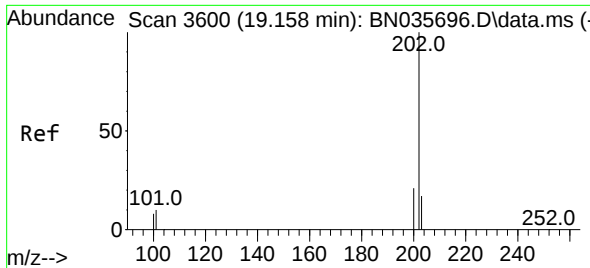
Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024



#19
 Fluoranthene
 Concen: 0.776 ng/ul
 RT: 18.791 min Scan# 3521
 Delta R.T. -0.009 min
 Lab File: BN035707.D
 Acq: 19 Dec 2024 15:41

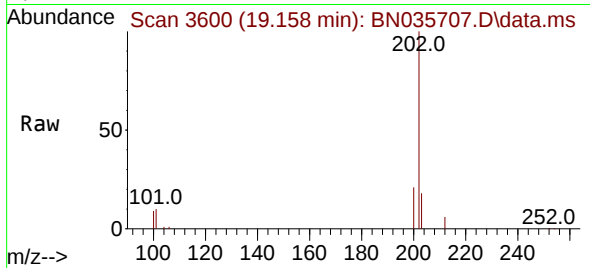
Tgt Ion:202 Resp: 33940
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.3 10.9
 100 6.7 5.4 8.0





#20
Pyrene
Concen: 0.654 ng/ul
RT: 19.158 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

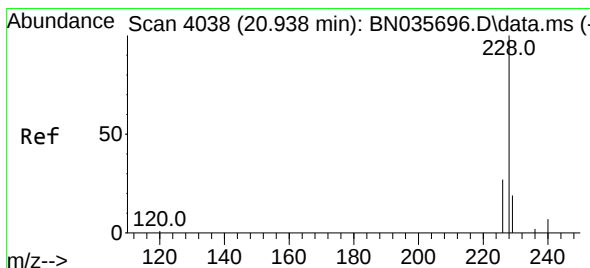
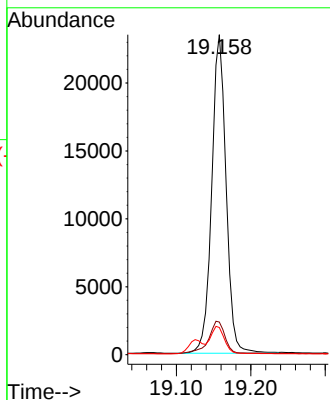
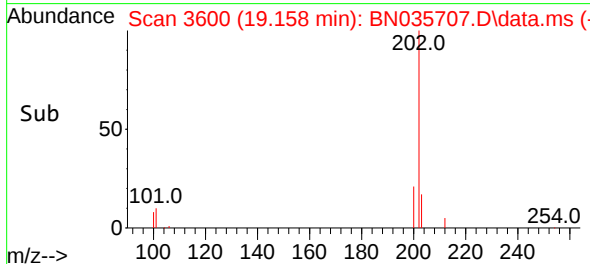
Instrument :
BNA_N
ClientSampleId :
E28X5DL



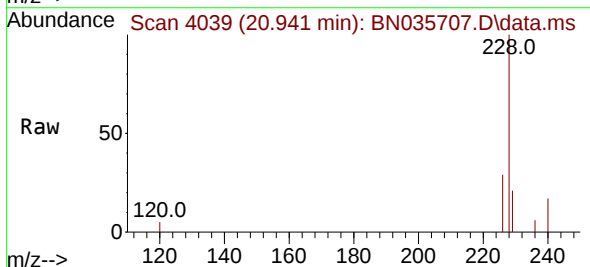
Tgt Ion:202 Resp: 3149
Ion Ratio Lower Upper
202 100
101 10.2 8.5 12.7
100 8.5 6.5 9.7

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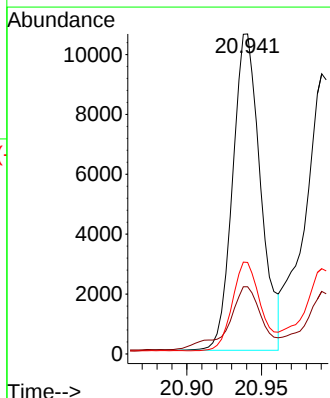
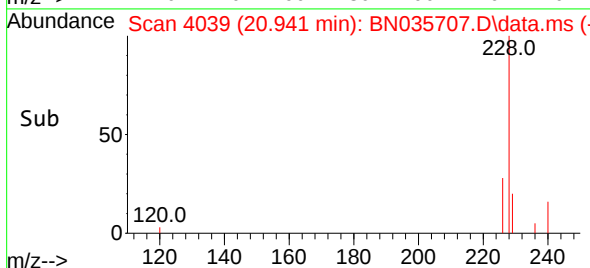
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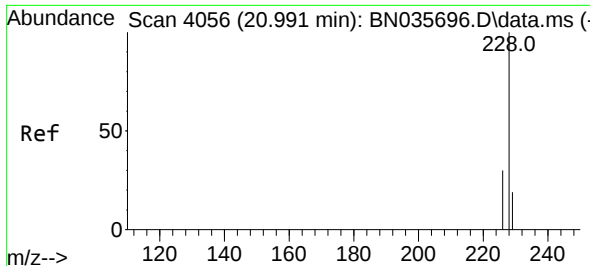


#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 20.941 min Scan# 4039
Delta R.T. -0.009 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41



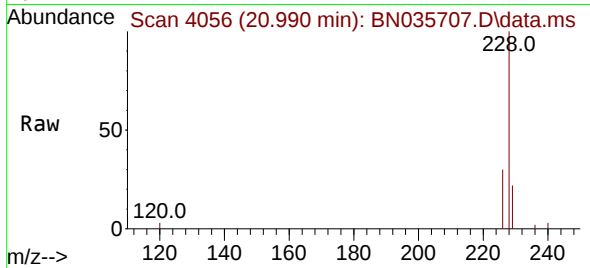
Tgt Ion:228 Resp: 13762
Ion Ratio Lower Upper
228 100
229 21.0 16.6 25.0
226 28.6 22.5 33.7





#22
Chrysene
Concen: 0.344 ng/ul
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

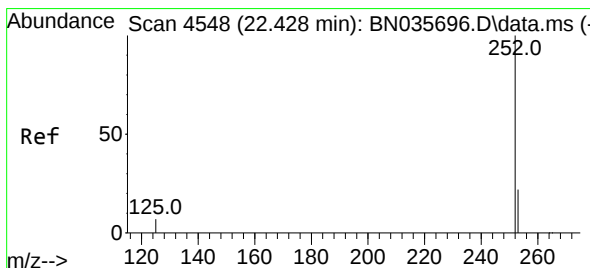
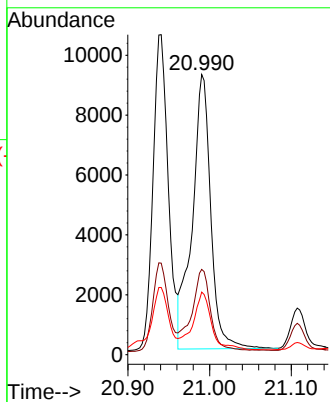
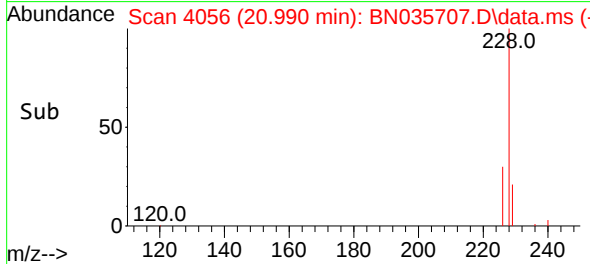
Instrument :
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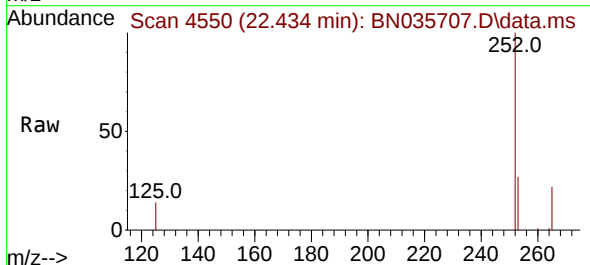
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Ion Ratio Lower Upper
228 100
226 30.5 25.1 37.7
229 22.3 16.6 24.8

Manual Integrations
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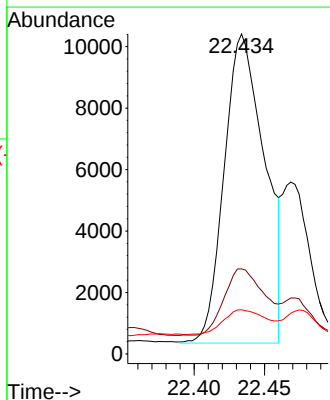
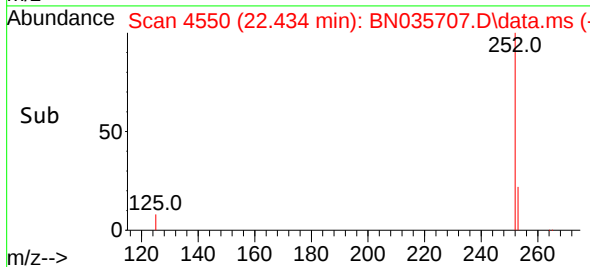
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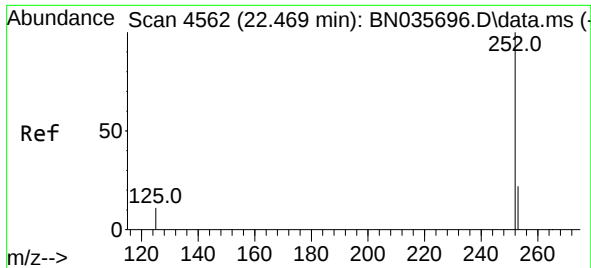


#24
Benzo(b)fluoranthene
Concen: 0.509 ng/ul m
RT: 22.434 min Scan# 4550
Delta R.T. -0.009 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41



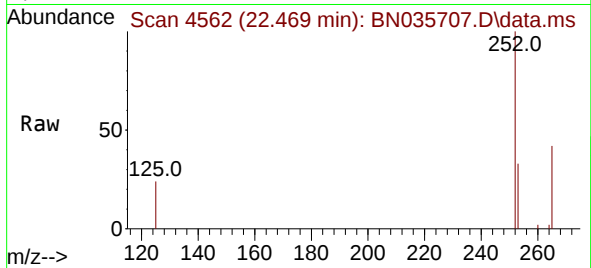
Tgt Ion:252 Resp: 2011
Ion Ratio Lower Upper
252 100
253 26.6 0.0 56.4
125 13.8 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

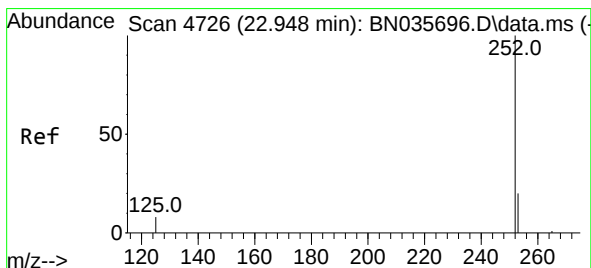
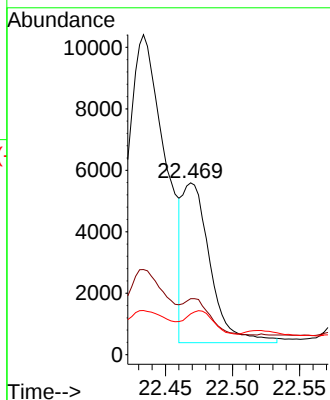
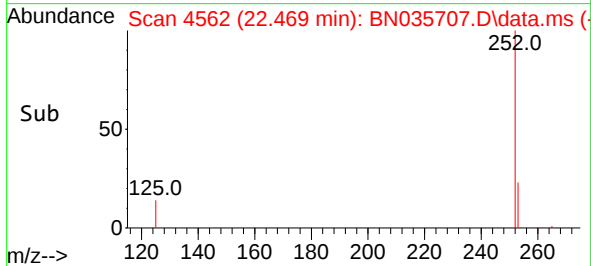
Instrument :
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E28X5DL



Tgt Ion:252 Resp: 7507
Ion Ratio Lower Upper
252 100
253 32.6 22.1 33.1
125 23.8 15.3 22.9

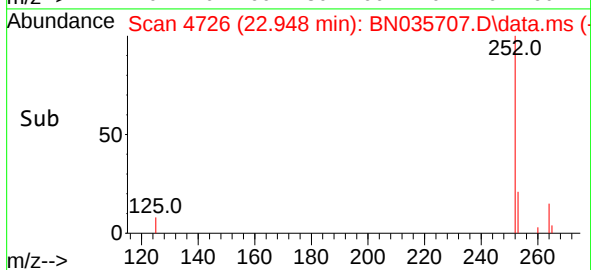
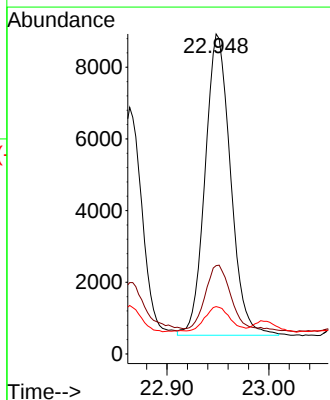
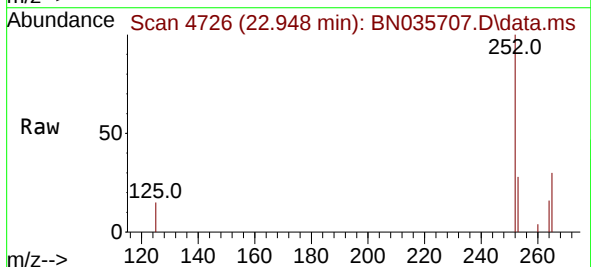
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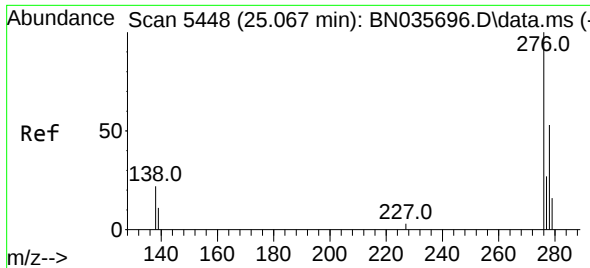
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#26
Benzo(a)pyrene
Concen: 0.381 ng/ul m
RT: 22.948 min Scan# 4726
Delta R.T. -0.015 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

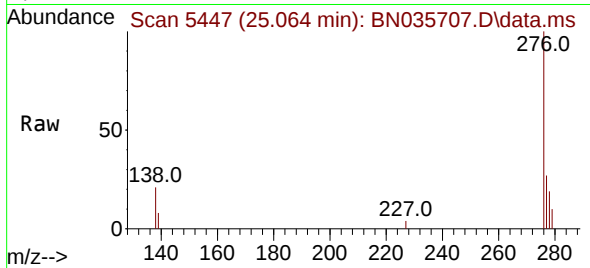
Tgt Ion:252 Resp: 14587
Ion Ratio Lower Upper
252 100
253 27.6 24.1 36.1
125 14.8 19.1 28.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.223 ng/ul m
RT: 25.064 min Scan# 5447
Delta R.T. -0.017 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41

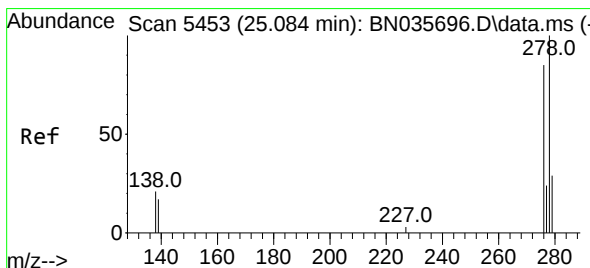
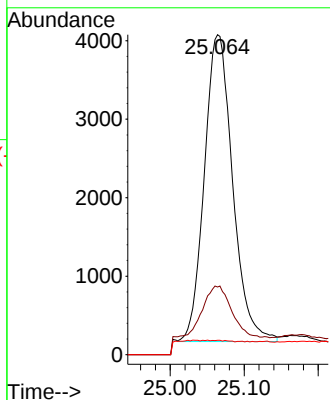
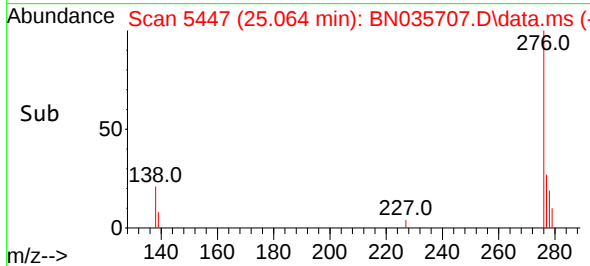
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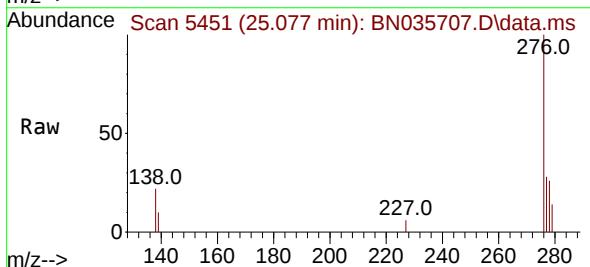
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Ion Ratio Lower Upper
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227 25.0 21.6 32.4#

Manual Integrations
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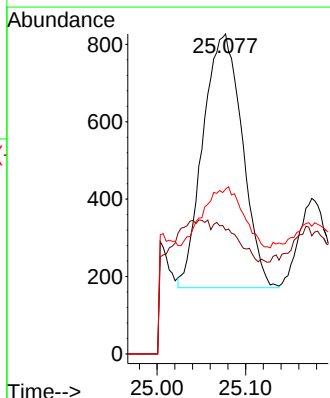
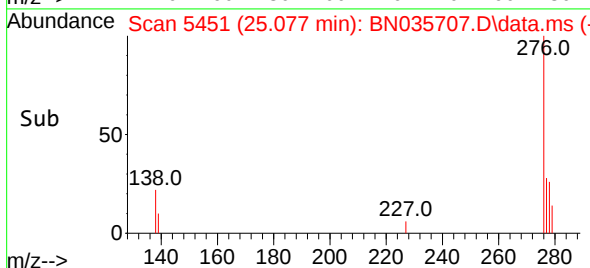
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

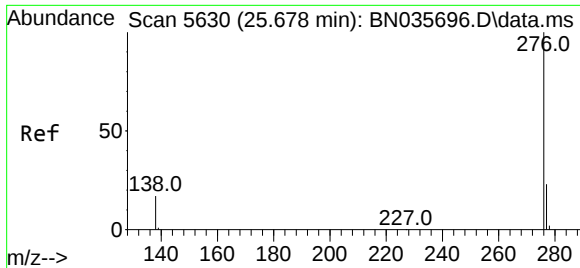


#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul m
RT: 25.077 min Scan# 5451
Delta R.T. -0.024 min
Lab File: BN035707.D
Acq: 19 Dec 2024 15:41



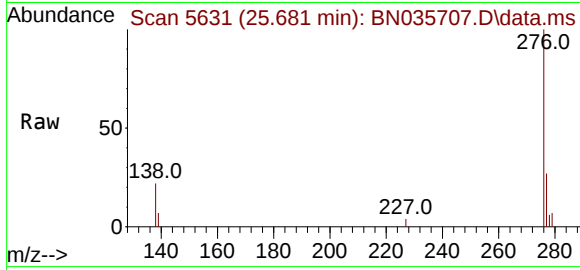
Tgt Ion:278 Resp: 2021
Ion Ratio Lower Upper
278 100
139 38.7 19.8 29.8#
279 51.5 24.0 36.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.309 ng/ul
 RT: 25.681 min Scan# 50
 Delta R.T. -0.017 min
 Lab File: BN035707.D
 Acq: 19 Dec 2024 15:41

Instrument :
 BNA_N
 ClientSampleId :
 E28X5DL



Tgt Ion:	276	Resp:	11570
Ion Ratio	Lower	Upper	
276	100		
138	21.9	19.6	29.4
277	27.0	21.6	32.4

Manual Integrations
 APPROVED

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