

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036234.D
 Acq On : 03 Feb 2025 18:13
 Operator : RC/JU
 Sample : Q1197-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 04 07:40:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	8822m	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	7989m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.175	188	9816	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.368	240	9575	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	8577m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	1955	0.532	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	829m	0.074	ng/ul	0.00
18) Fluoranthene-d10	19.207	212	1891	0.072	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.628	128	62216m	2.560	ng/ul	
7) 2-Methylnaphthalene	12.245	142	6918m	0.458	ng/ul	
8) 1-Methylnaphthalene	12.465	142	5958m	0.389	ng/ul	
10) Acenaphthylene	14.150	152	1126	0.030	ng/ul#	37
11) Acenaphthene	14.493	153	2929	0.106	ng/ul	94
12) Fluorene	15.483	166	2956m	0.097	ng/ul	
14) Pentachlorophenol	16.829	266	101	0.029	ng/ul	94
15) Phenanthrene	17.218	178	4668	0.162	ng/ul#	73
16) Anthracene	17.302	178	3782	0.142	ng/ul#	16
19) Fluoranthene	19.235	202	1297	0.036	ng/ul#	43
20) Pyrene	19.602	202	1470	0.039	ng/ul#	34

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

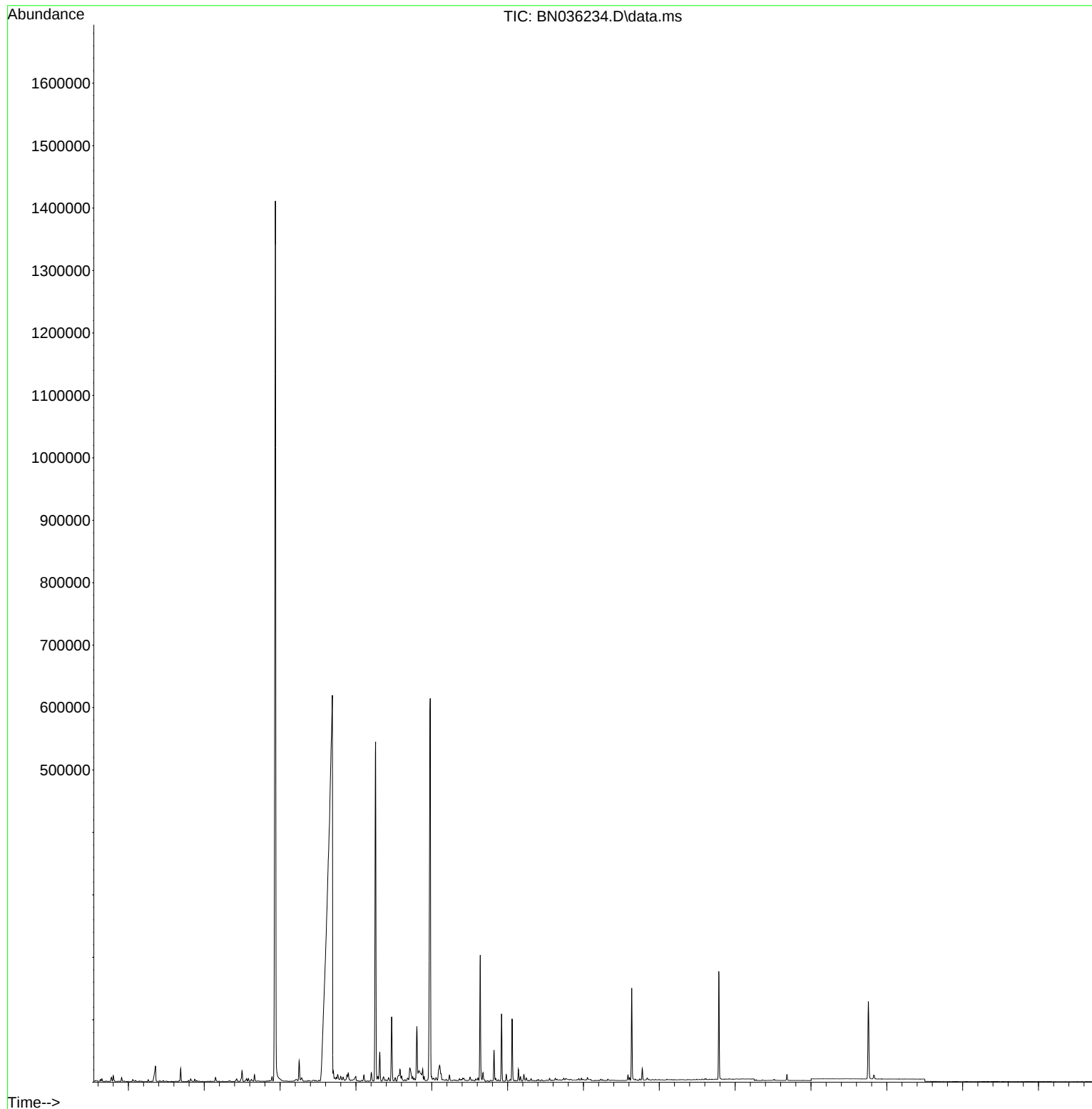
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036234.D
Acq On : 03 Feb 2025 18:13
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Sample : Q1197-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

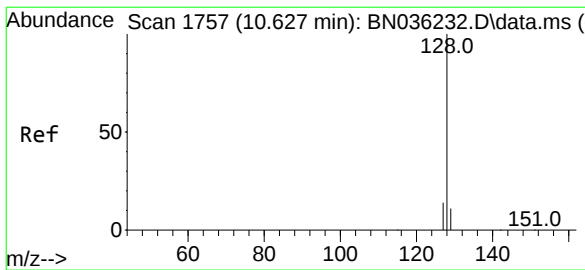
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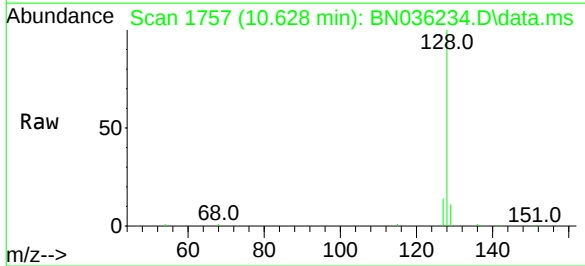
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





Naphthalene
 Concen: 2.560 ng/ul m
 RT: 10.628 min Scan# 1757
 Delta R.T. 0.001 min
 Lab File: BN036234.D
 Acq: 03 Feb 2025 18:13

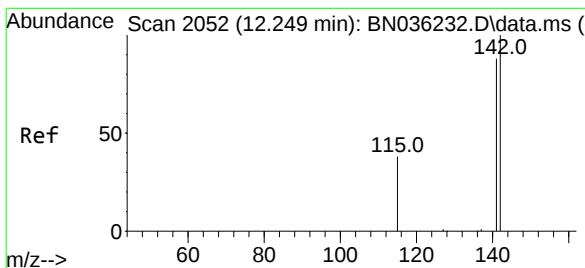
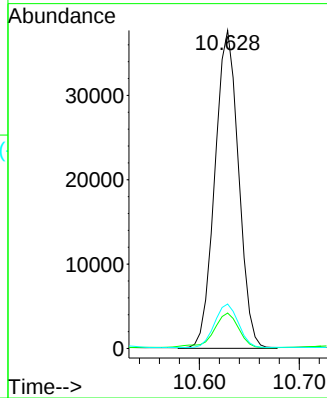
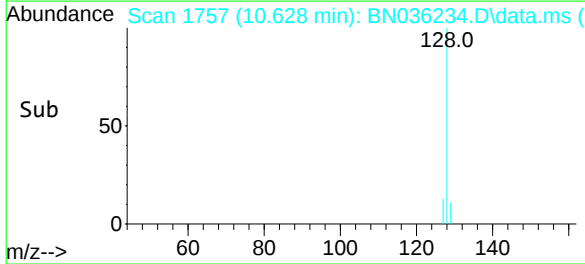
Instrument :
 BNA_N
 ClientSampleId :
 E2964DL



Tgt Ion:128 Resp: 62216
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.6 14.4
 127 14.0 12.0 18.0

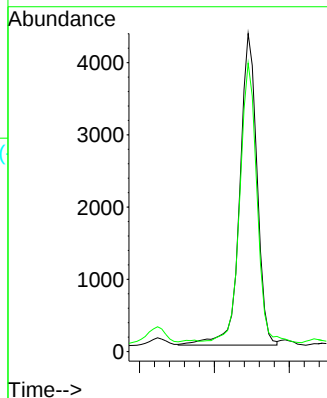
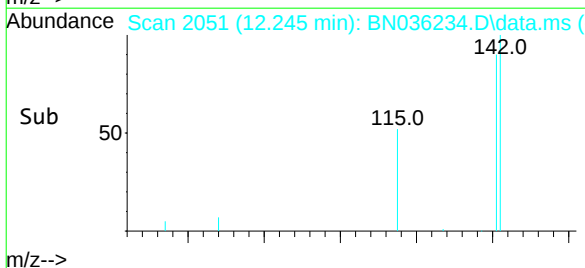
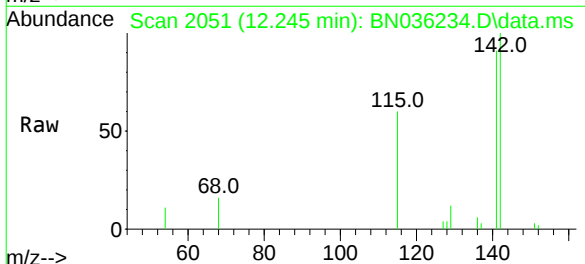
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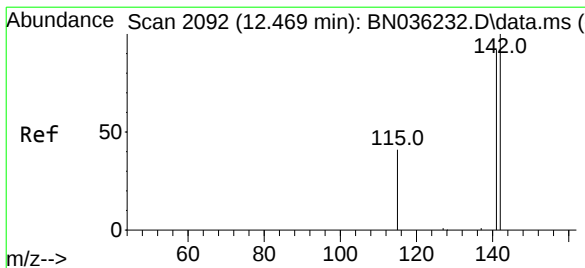
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



2-Methylnaphthalene
 Concen: 0.458 ng/ul m
 RT: 12.245 min Scan# 2051
 Delta R.T. 0.001 min
 Lab File: BN036234.D
 Acq: 03 Feb 2025 18:13

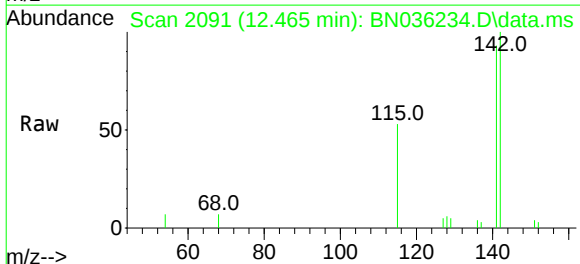
Tgt Ion:142 Resp: 6918
 Ion Ratio Lower Upper
 142 100
 141 67.4 71.9 107.9#





#8
1-Methylnaphthalene
Concen: 0.389 ng/u1 m
RT: 12.465 min Scan# 2092
Delta R.T. 0.001 min
Lab File: BN036234.D
Acq: 03 Feb 2025 18:13

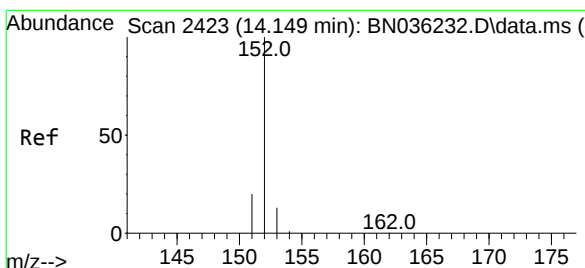
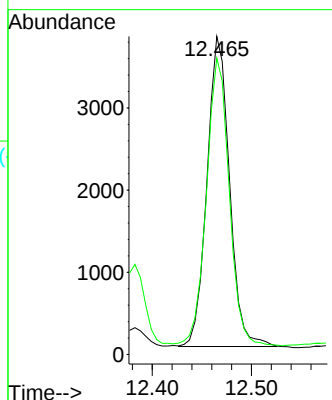
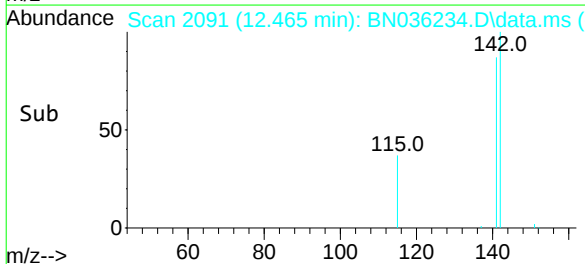
Instrument :
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Tgt Ion:142 Resp: 5958
Ion Ratio Lower Upper
142 100
141 69.1 75.2 112.8#

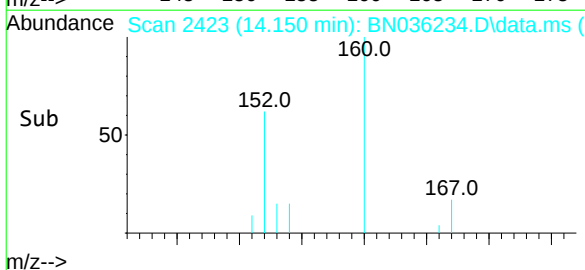
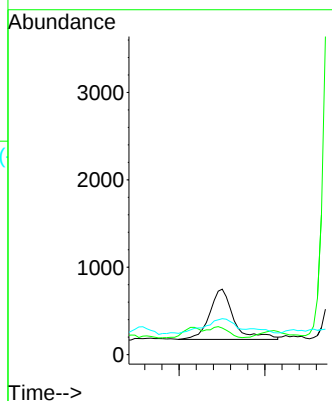
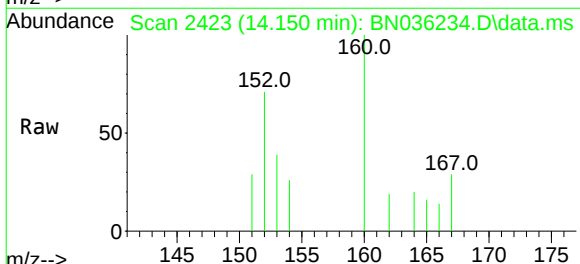
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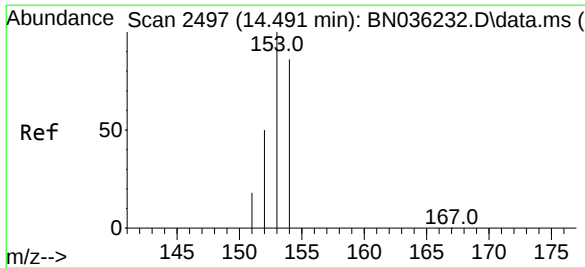
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Acenaphthylene
Concen: 0.030 ng/u1
RT: 14.150 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BN036234.D
Acq: 03 Feb 2025 18:13

Tgt Ion:152 Resp: 1126
Ion Ratio Lower Upper
152 100
151 40.6 17.4 26.2#
153 54.9 11.9 17.9#





#11

Acenaphthene

Concen: 0.106 ng/u1

RT: 14.493 min Scan# 2497

Delta R.T. 0.001 min

Lab File: BN036234.D

Acq: 03 Feb 2025 18:13

Instrument :

BNA_N

ClientSampleId :

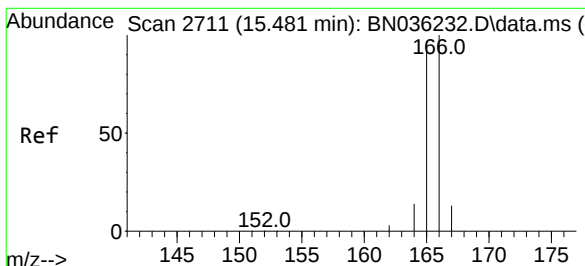
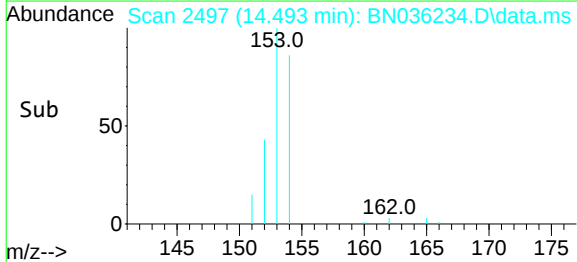
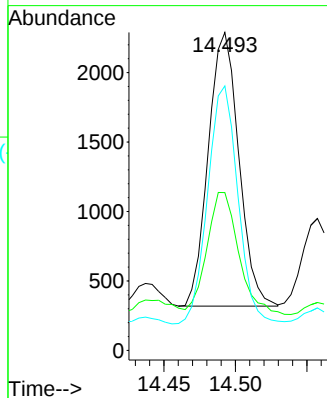
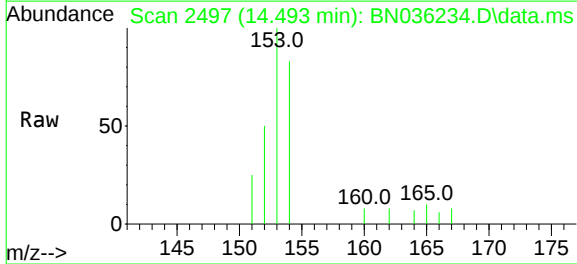
E2964DL

Tgt Ion:	153	Resp:	2929
Ion Ratio	Lower	Upper	
153	100		
152	49.6	43.2	64.8
154	83.2	70.5	105.7

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#12

Fluorene

Concen: 0.097 ng/u1 m

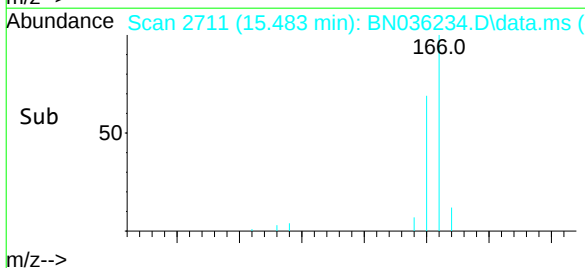
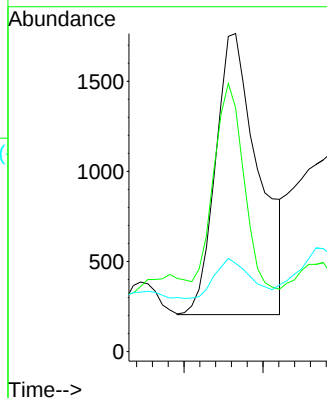
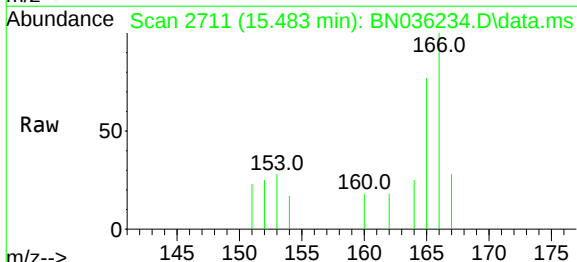
RT: 15.483 min Scan# 2711

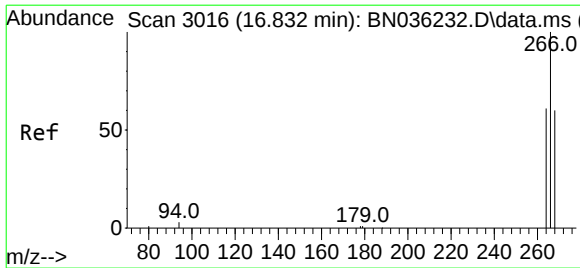
Delta R.T. 0.006 min

Lab File: BN036234.D

Acq: 03 Feb 2025 18:13

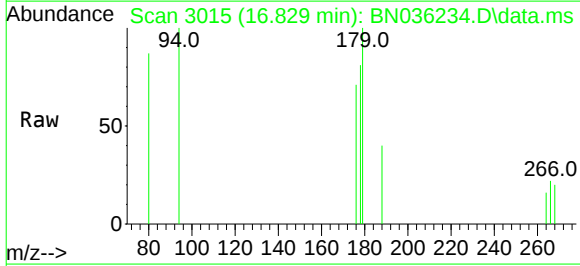
Tgt Ion:	166	Resp:	2956
Ion Ratio	Lower	Upper	
166	100		
165	76.7	80.3	120.5#
167	27.8	12.3	18.5#





#14
 Pentachlorophenol
 Concen: 0.029 ng/ul
 RT: 16.829 min Scan# 3016
 Delta R.T. 0.001 min
 Lab File: BN036234.D
 Acq: 03 Feb 2025 18:13

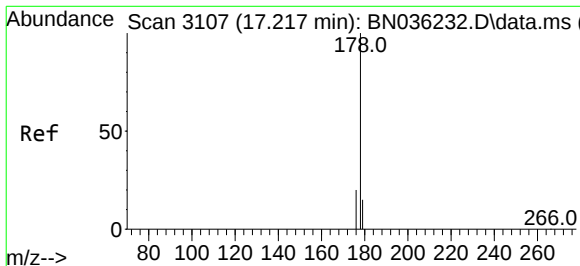
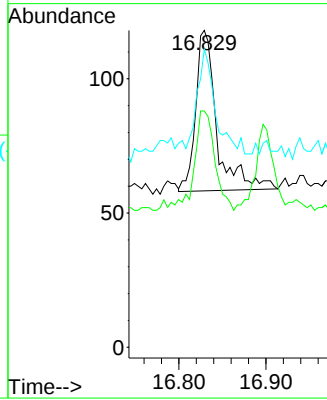
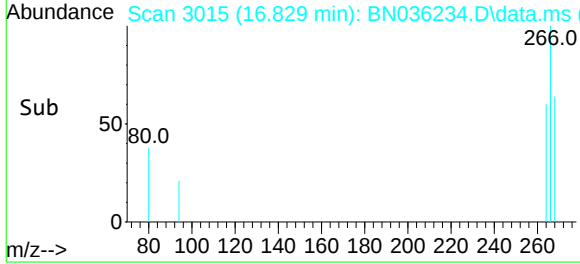
Instrument :
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 E2964DL



Tgt Ion:	266	Resp:	101
Ion	Ratio	Lower	Upper
266	100		
264	60.4	50.6	75.8
268	57.4	50.6	75.8

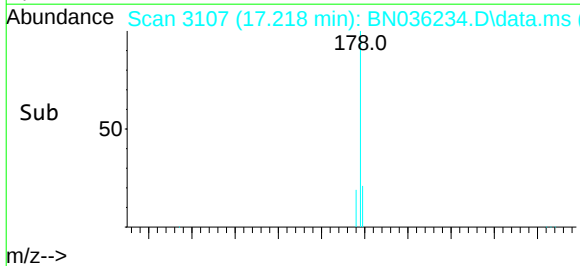
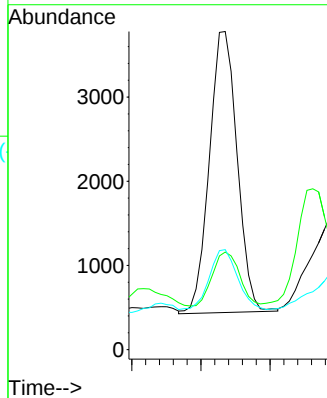
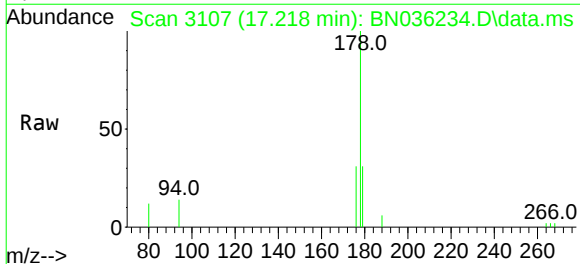
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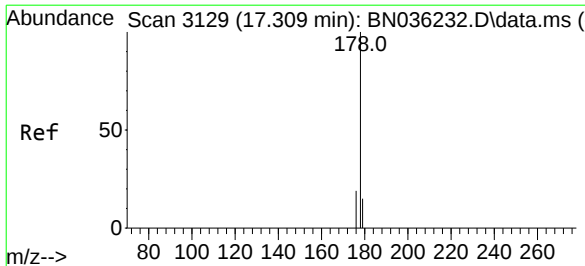
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



#15
 Phenanthrene
 Concen: 0.162 ng/ul
 RT: 17.218 min Scan# 3107
 Delta R.T. 0.005 min
 Lab File: BN036234.D
 Acq: 03 Feb 2025 18:13

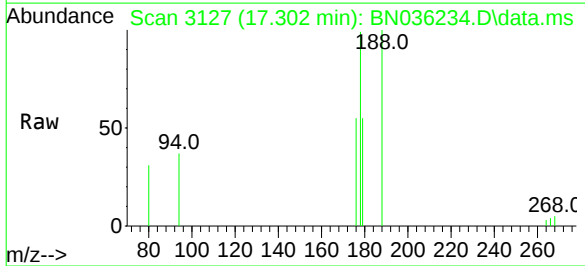
Tgt Ion:	178	Resp:	4668
Ion	Ratio	Lower	Upper
178	100		
179	30.7	13.2	19.8#
176	31.4	16.8	25.2#





#16
 Anthracene
 Concen: 0.142 ng/u1
 RT: 17.302 min Scan# 3127
 Delta R.T. -0.003 min
 Lab File: BN036234.D
 Acq: 03 Feb 2025 18:13

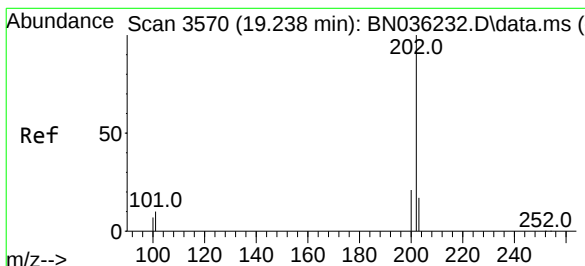
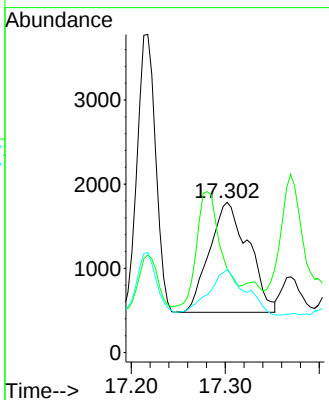
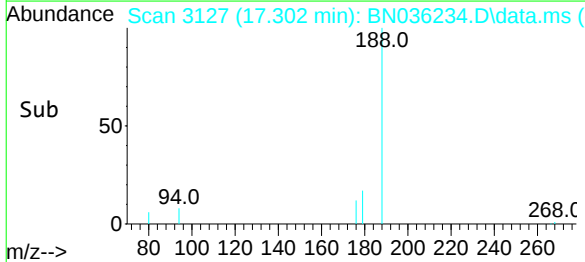
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Tgt Ion:	178	Resp:	3782
Ion Ratio	Lower	Upper	
178	100		
179	55.7	13.0	19.4#
176	55.3	15.9	23.9#

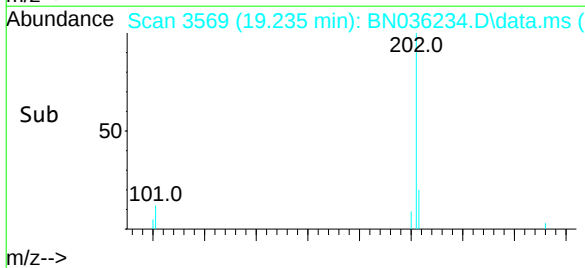
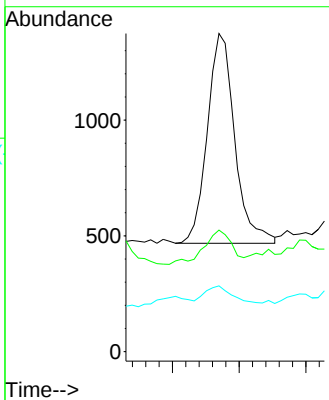
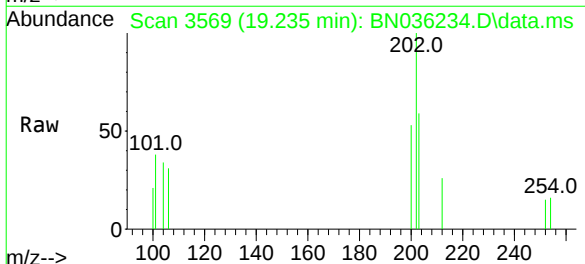
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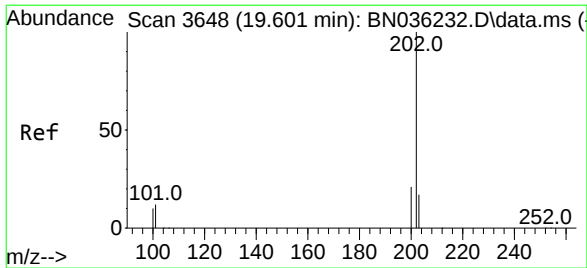
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



#19
 Fluoranthene
 Concen: 0.036 ng/u1
 RT: 19.235 min Scan# 3569
 Delta R.T. 0.001 min
 Lab File: BN036234.D
 Acq: 03 Feb 2025 18:13

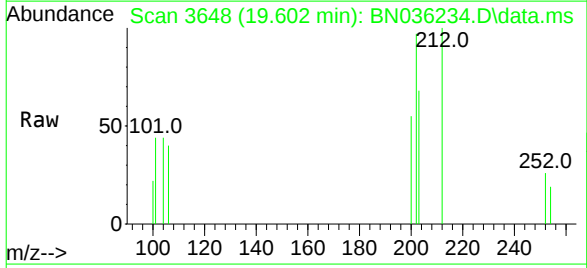
Tgt Ion:	202	Resp:	1297
Ion Ratio	Lower	Upper	
202	100		
101	38.2	8.4	12.6#
100	20.7	6.5	9.7#





#20
Pyrene
Concen: 0.039 ng/ul
RT: 19.602 min Scan# 3648
Delta R.T. 0.006 min
Lab File: BN036234.D
Acq: 03 Feb 2025 18:13

Instrument :
BNA_N
ClientSampleId :
E2964DL



Tgt Ion:	202	Resp:	1470
Ion	Ratio	Lower	Upper
202	100		
101	46.1	9.3	13.9#
100	22.9	7.5	11.3#

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