

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035626.D
 Acq On : 16 Dec 2024 20:36
 Operator : RC/JU
 Sample : P5232-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 16 21:56:53 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	7.284	152	2415	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7018	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.944	164	5894	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.717	188	10290	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	8587	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	8605m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5825	2.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2135	0.214	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5879	0.234	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	2263	0.132	ng/ul#	91
7) 2-Methylnaphthalene	11.708	142	10172	0.878	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	8591	0.715	ng/ul	98
10) Acenaphthylene	13.671	152	1647	0.072	ng/ul#	1
11) Acenaphthene	14.009	153	900	0.052	ng/ul#	80
12) Fluorene	15.013	166	8047	0.401	ng/ul#	75
15) Phenanthrene	16.755	178	44032	1.710	ng/ul#	88
19) Fluoranthene	18.800	202	6972	0.227	ng/ul#	76
20) Pyrene	19.167	202	7543	0.223	ng/ul#	87
21) Benzo(a)anthracene	20.947	228	1723	0.060	ng/ul#	1
22) Chrysene	20.976	228	8807	0.298	ng/ul#	24
29) Benzo(g,h,i)perylene	25.698	276	1074	0.045	ng/ul#	1

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

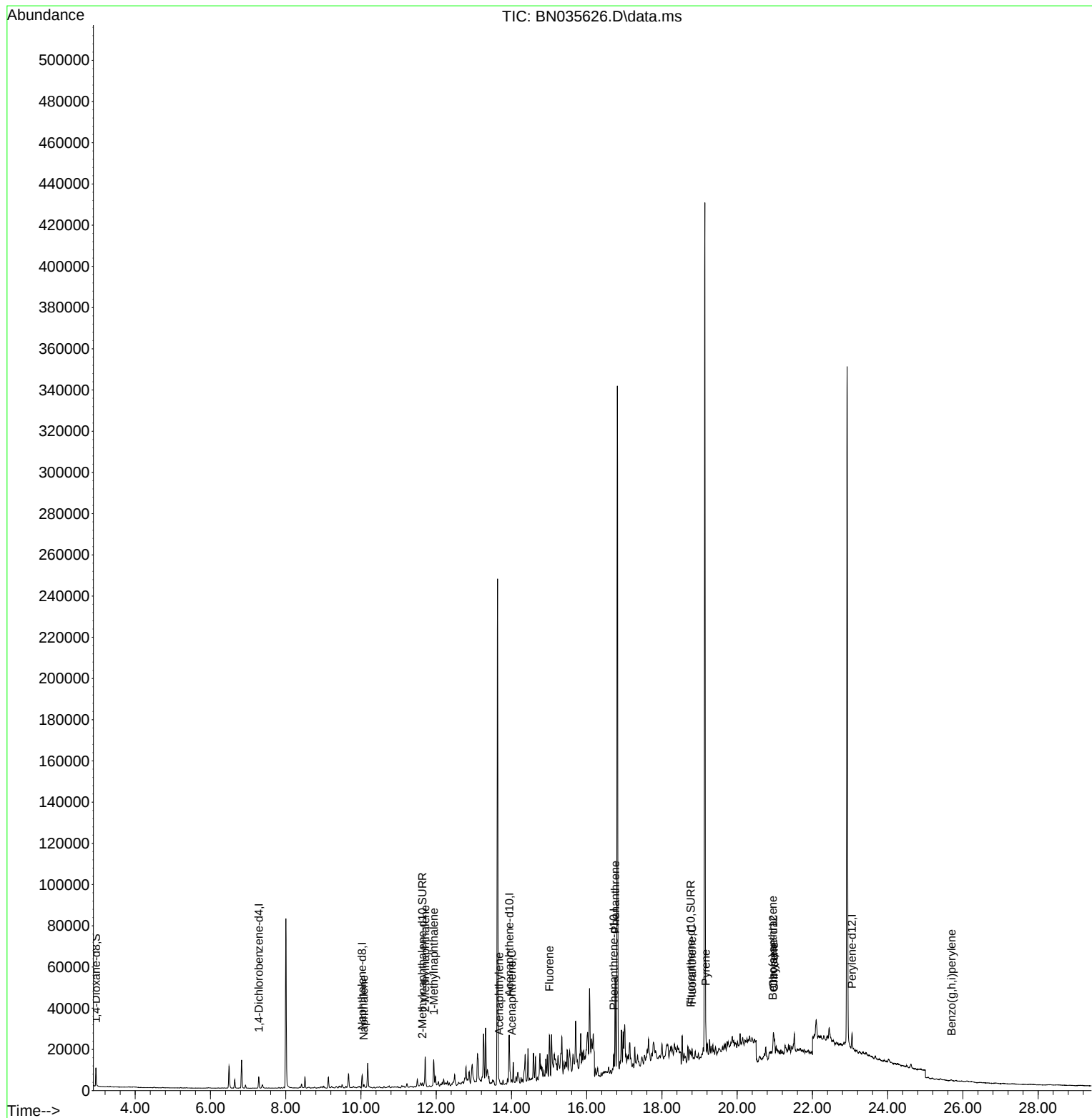
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035626.D
Acq On : 16 Dec 2024 20:36
Operator : RC/JU
Sample : P5232-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

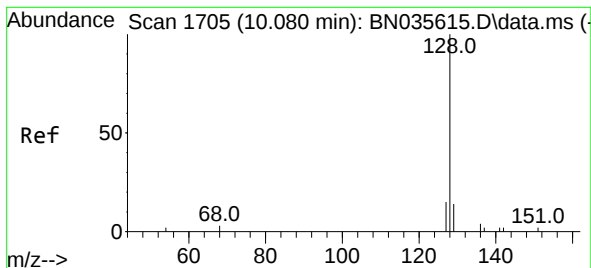
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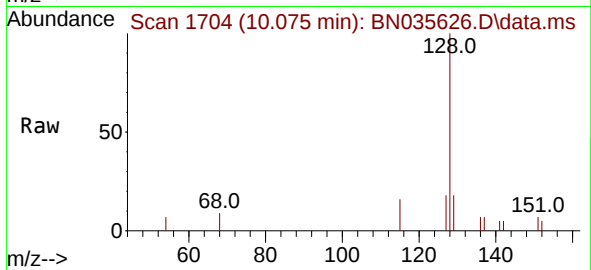
Quant Time: Dec 16 21:56:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.132 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

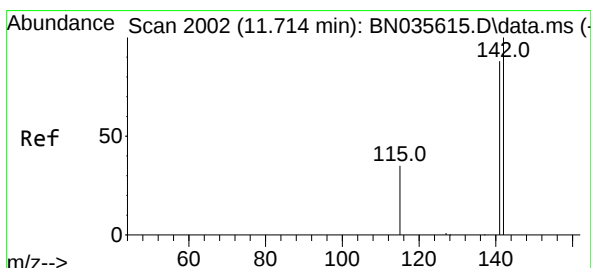
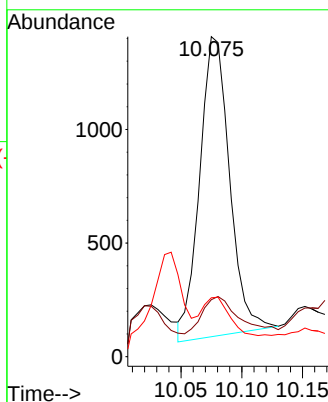
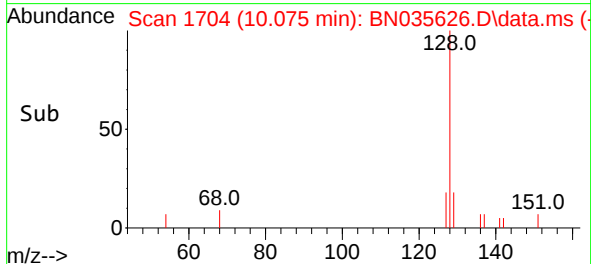
Instrument :
BNA_N
ClientSampleId :
E28R9



Tgt Ion:128 Resp: 226
Ion Ratio Lower Upper
128 100
129 17.8 10.8 16.2
127 18.4 12.0 18.0

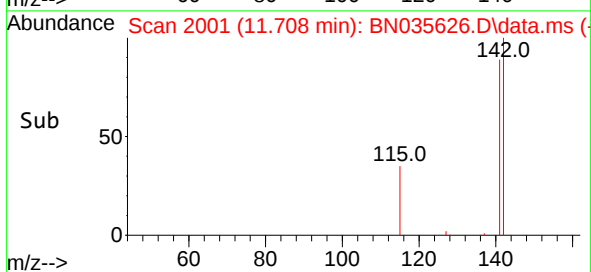
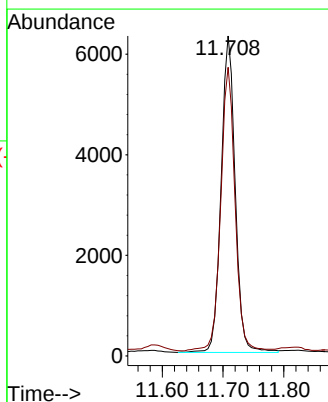
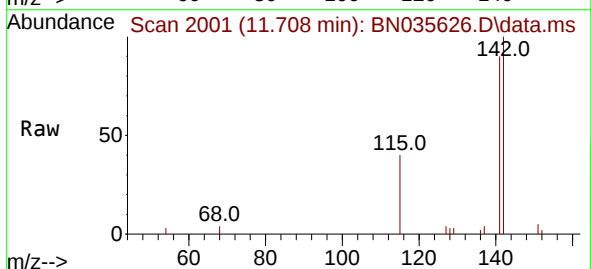
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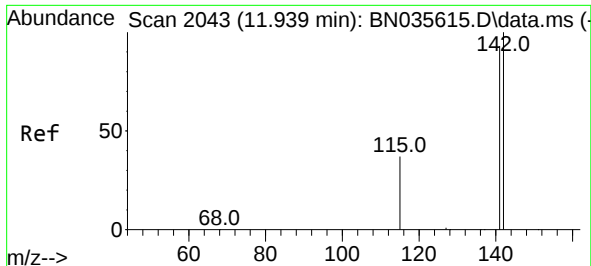
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.878 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

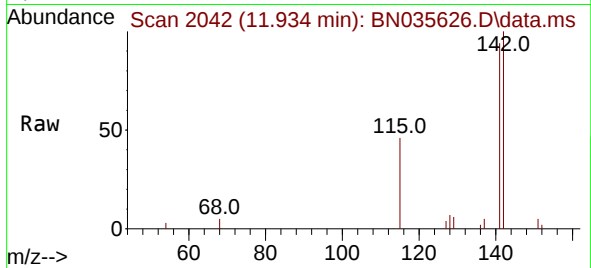
Tgt Ion:142 Resp: 10172
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.715 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

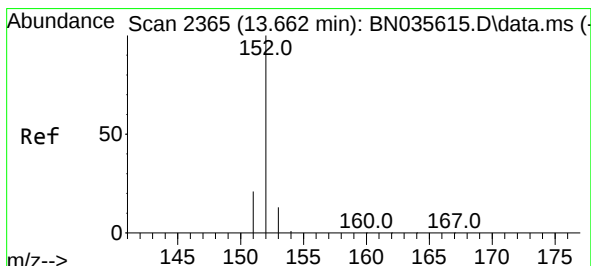
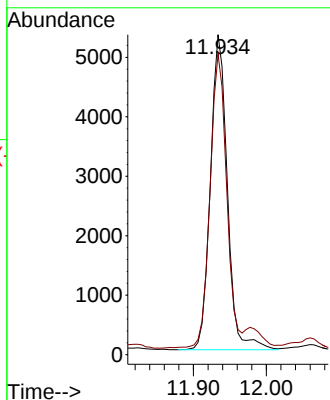
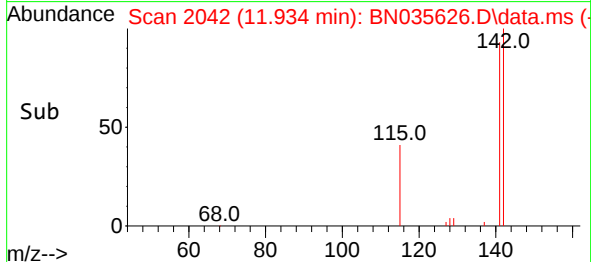
Instrument :
BNA_N
ClientSampleId :
E28R9



Tgt Ion:142 Resp: 859
Ion Ratio Lower Upper
142 100
141 91.4 74.7 112.1

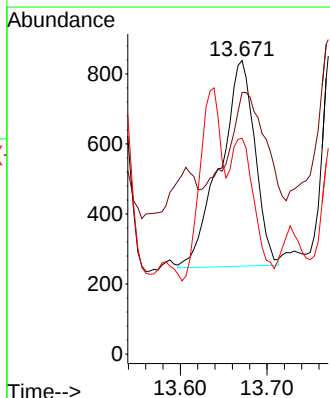
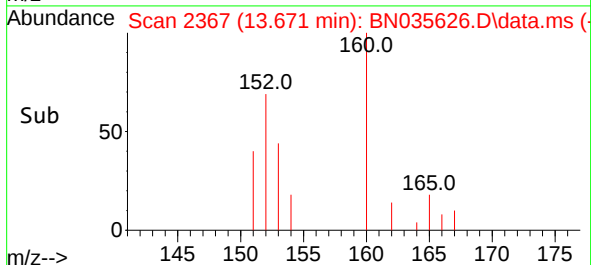
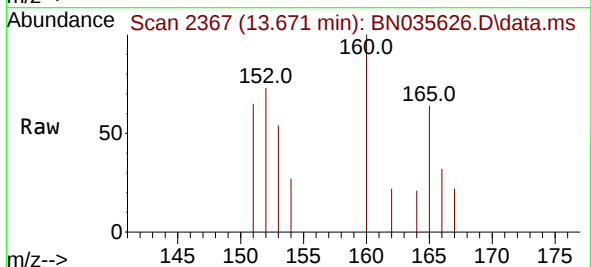
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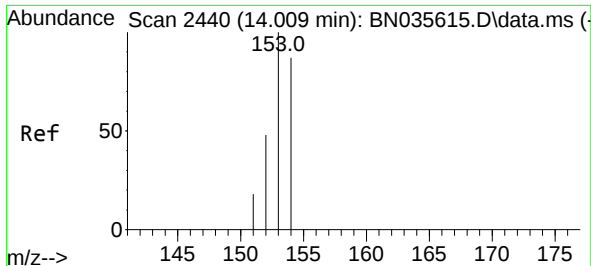
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.671 min Scan# 2367
Delta R.T. 0.009 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

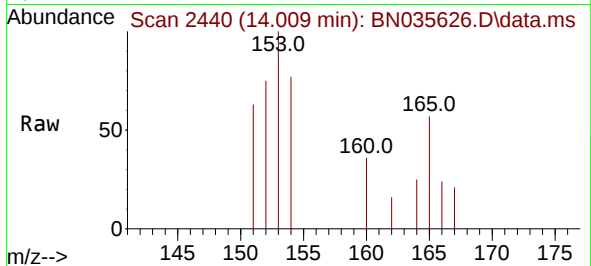
Tgt Ion:152 Resp: 1647
Ion Ratio Lower Upper
152 100
151 89.1 17.6 26.4#
153 73.5 11.4 17.2#





#11
Acenaphthene
Concen: 0.052 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

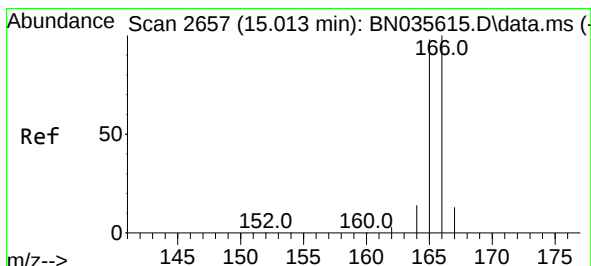
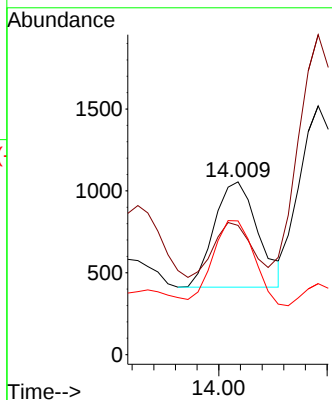
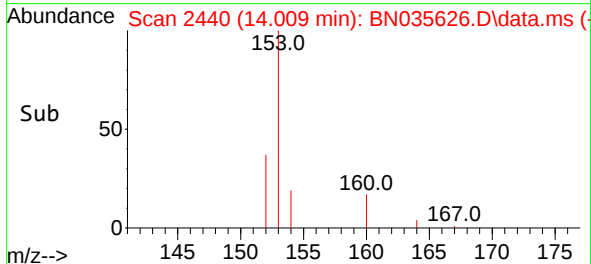
Instrument :
BNA_N
ClientSampleId :
E28R9



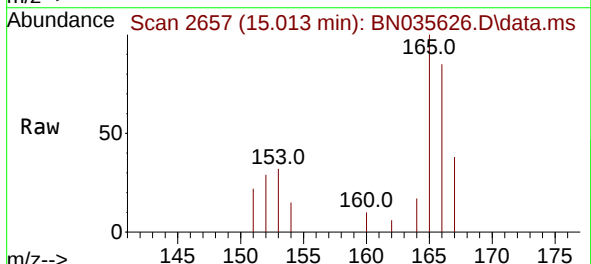
Tgt Ion:153 Resp: 900
Ion Ratio Lower Upper
153 100
152 74.8 39.8 59.6
154 77.4 69.8 104.8

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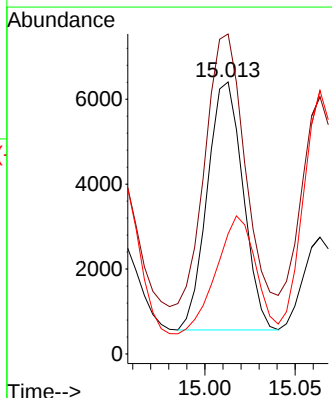
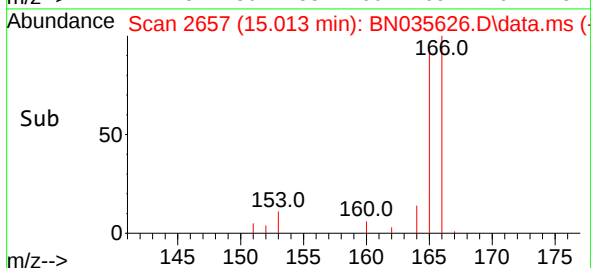
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

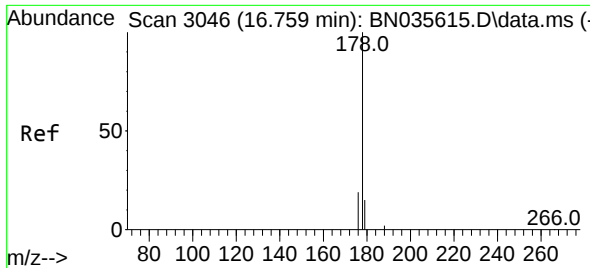


#12
Fluorene
Concen: 0.401 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36



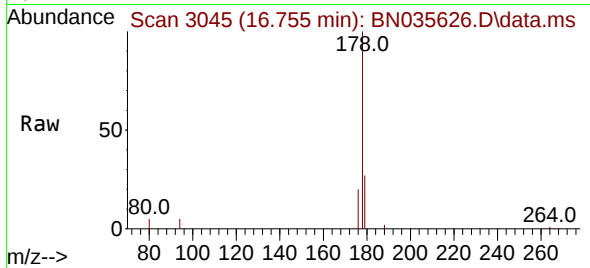
Tgt Ion:166 Resp: 8047
Ion Ratio Lower Upper
166 100
165 117.7 79.5 119.3
167 44.2 11.8 17.8#





#15
Phenanthrene
Concen: 1.710 ng/ul
RT: 16.755 min Scan# 3046
Delta R.T. -0.004 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

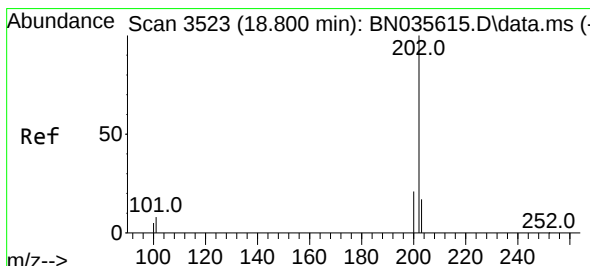
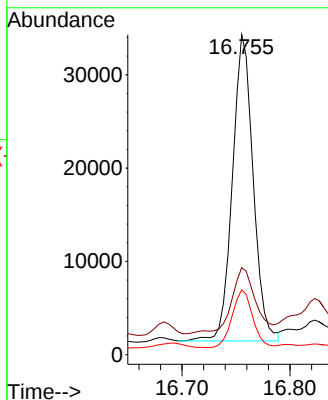
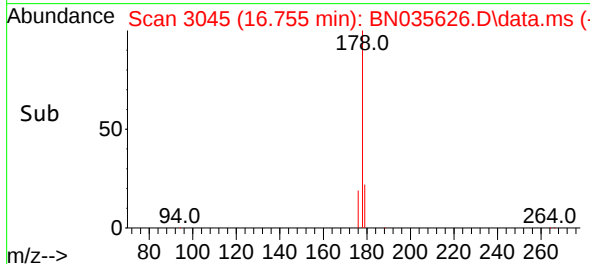
Instrument :
BNA_N
ClientSampleId :
E28R9



Tgt Ion:178 Resp: 44032
Ion Ratio Lower Upper
178 100
179 27.2 13.3 19.9#
176 20.3 15.8 23.8#

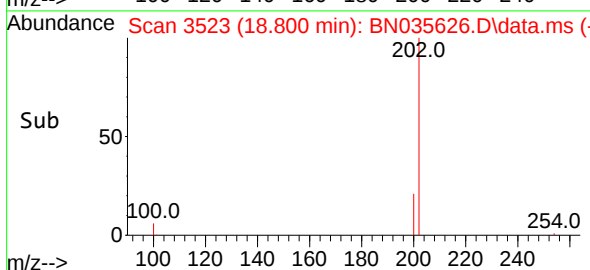
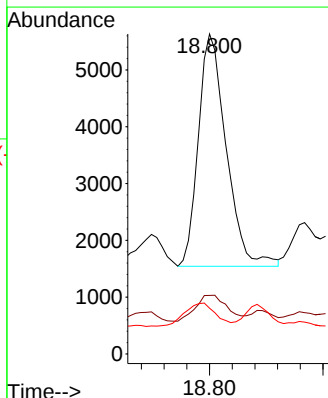
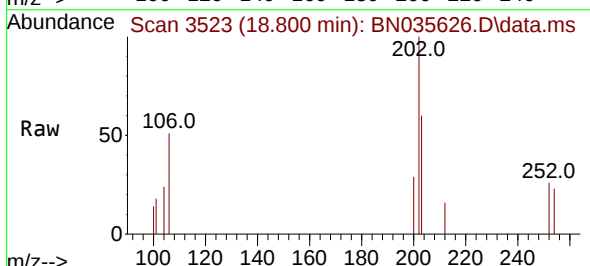
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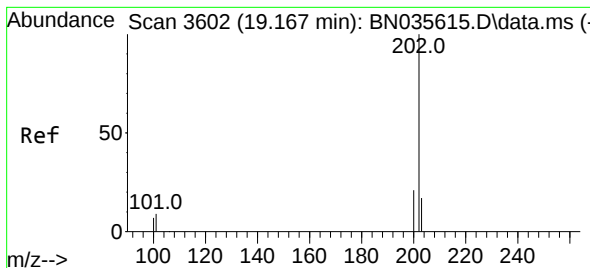
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#19
Fluoranthene
Concen: 0.227 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

Tgt Ion:202 Resp: 6972
Ion Ratio Lower Upper
202 100
101 18.3 7.3 10.9#
100 14.3 5.4 8.0#





#20

Pyrene

Concen: 0.223 ng/ul

RT: 19.167 min Scan# 3602

Delta R.T. 0.000 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

Instrument :

BNA_N

ClientSampleId :

E28R9

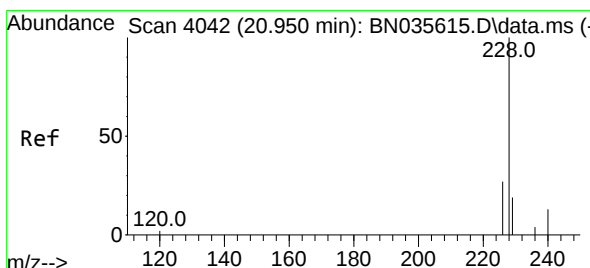
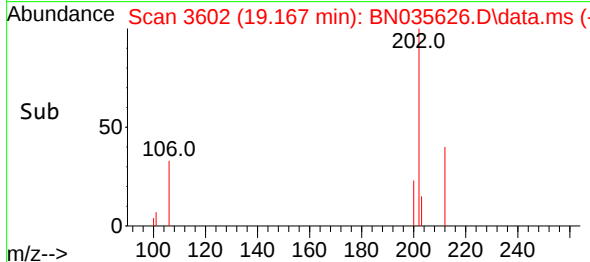
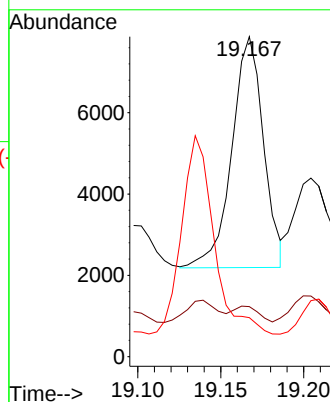
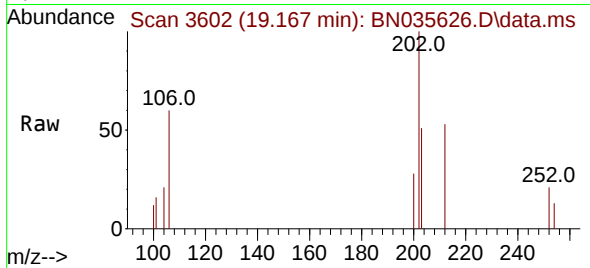
Tgt Ion:	202	Resp:	754
Ion Ratio	Lower	Upper	
202	100		
101	15.6	8.5	12.7
100	12.2	6.5	9.7

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#21

Benzo(a)anthracene

Concen: 0.060 ng/ul

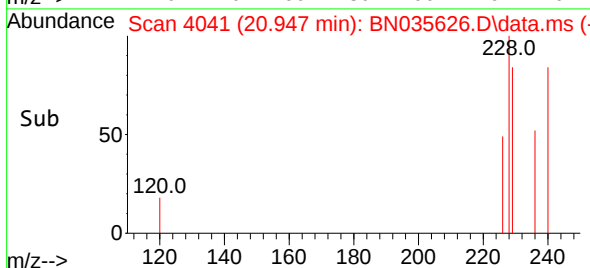
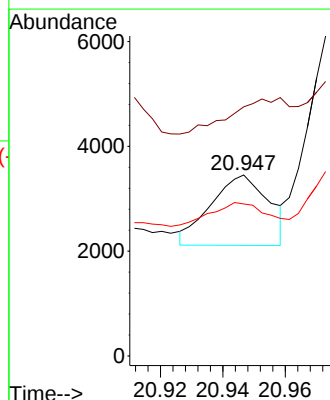
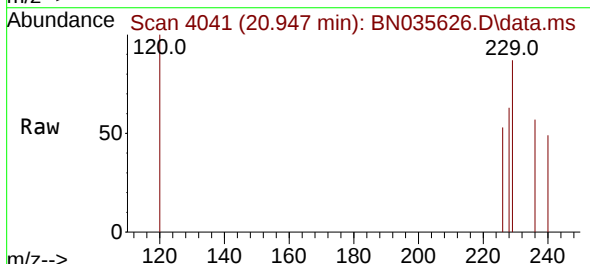
RT: 20.947 min Scan# 4041

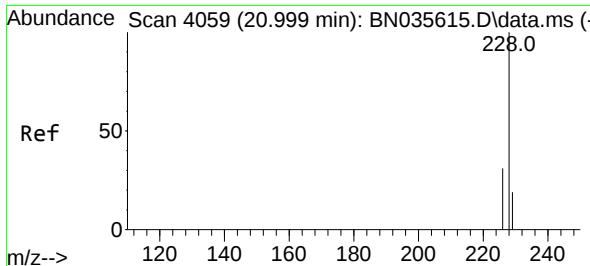
Delta R.T. -0.003 min

Lab File: BN035626.D

Acq: 16 Dec 2024 20:36

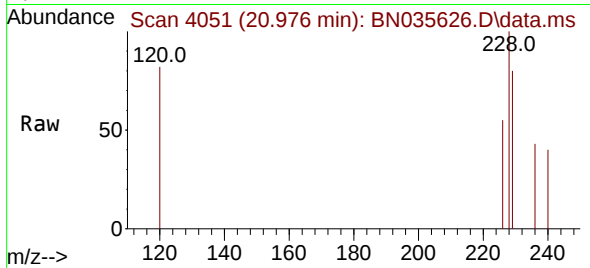
Tgt Ion:	228	Resp:	1723
Ion Ratio	Lower	Upper	
228	100		
229	137.7	16.6	25.0
226	84.0	22.5	33.7





#22
Chrysene
Concen: 0.298 ng/ul
RT: 20.976 min Scan# 4051
Delta R.T. -0.023 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

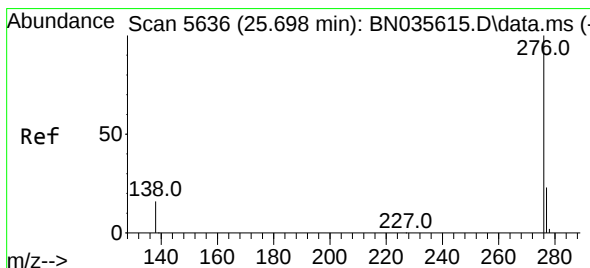
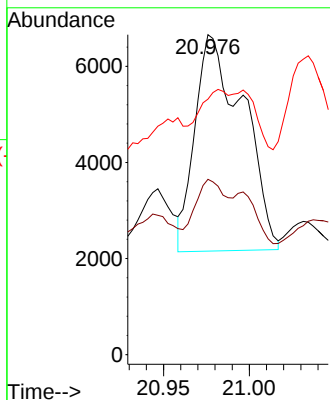
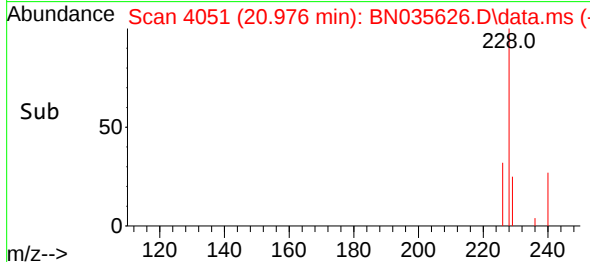
Instrument :
BNA_N
ClientSampleId :
E28R9



Tgt Ion:228 Resp: 880
Ion Ratio Lower Upper
228 100
226 54.8 25.1 37.7
229 79.8 16.6 24.8

Manual Integrations
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Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 25.698 min Scan# 5636
Delta R.T. 0.000 min
Lab File: BN035626.D
Acq: 16 Dec 2024 20:36

Tgt Ion:276 Resp: 1074
Ion Ratio Lower Upper
276 100
138 131.3 19.6 29.4#
277 80.4 21.6 32.4#

