

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036047.D
 Acq On : 27 Jan 2025 21:25
 Operator : RC/JU
 Sample : Q1174-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2953

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
 Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 28 00:09:11 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 : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2633	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5956	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.445	164	5194m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	9510m	0.400	ng/ul	0.00
17) Chrysene-d12	21.375	240	10347	0.400	ng/ul	# 0.00
23) Perylene-d12	23.678	264	6872m	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	11051	3.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3052	0.406	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	7776	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	1114	0.362	ng/ul#	65
5) Naphthalene	10.655	128	37824	2.305	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	11396	1.118	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	25789	2.493	ng/ul	99
10) Acenaphthylene	14.168	152	2523	0.103	ng/ul#	66
11) Acenaphthene	14.510	153	6326	0.351	ng/ul	96
12) Fluorene	15.495	166	5464	0.275	ng/ul#	93
14) Pentachlorophenol	16.841	266	310	0.093	ng/ul	99
19) Fluoranthene	19.248	202	5410	0.138	ng/ul#	64
20) Pyrene	19.610	202	3312m	0.081	ng/ul	

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

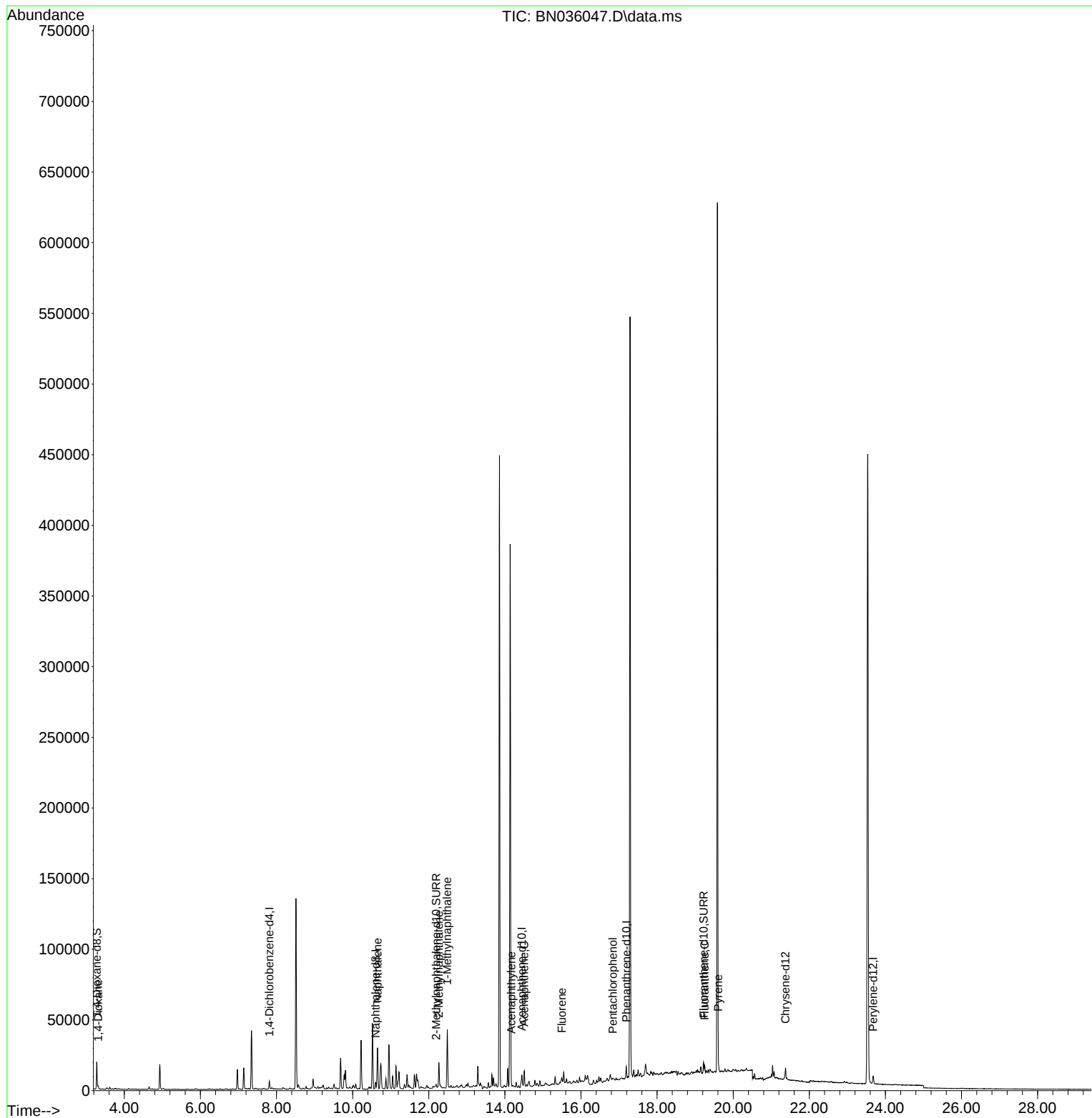
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036047.D
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Sample : Q1174-22
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ALS Vial : 19 Sample Multiplier: 1

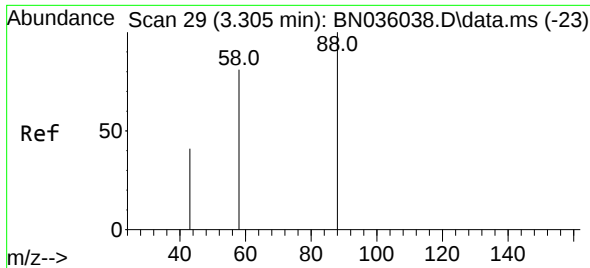
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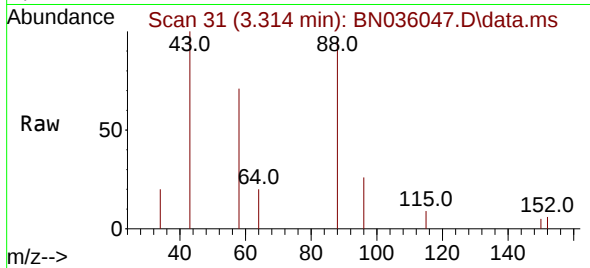
Quant Time: Jan 28 00:09:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.362 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

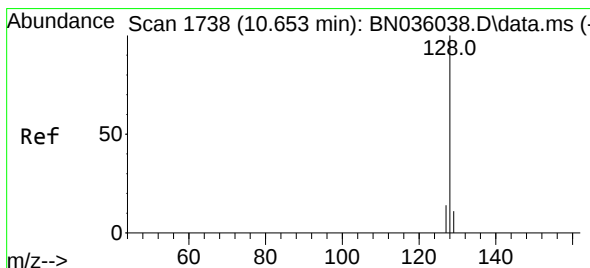
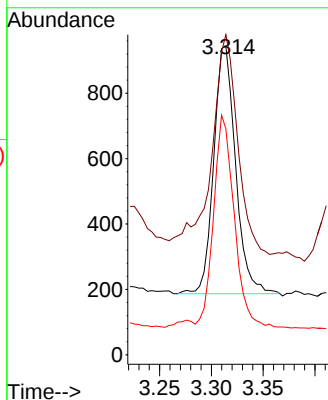
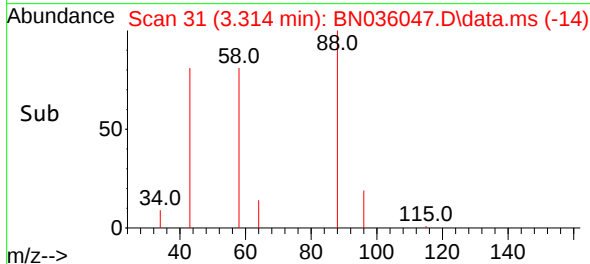
Instrument :
BNA_N
ClientSampleId :
E2953



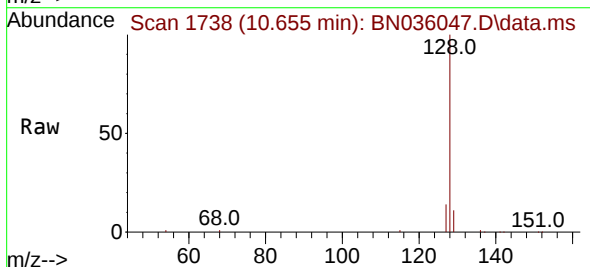
Tgt Ion: 88 Resp: 1114
Ion Ratio Lower Upper
88 100
43 103.7 40.7 61.1
58 73.2 55.2 82.8

Manual Integrations
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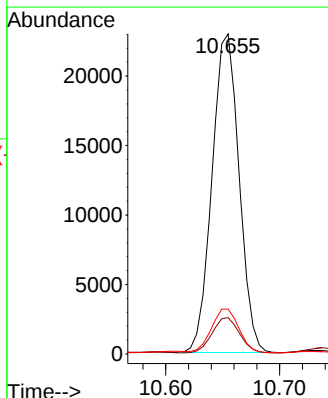
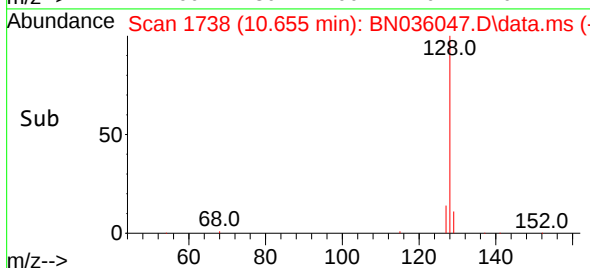
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

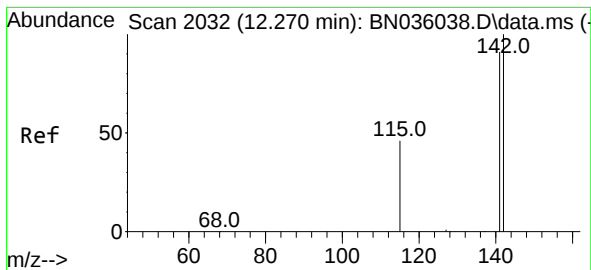


#5
Naphthalene
Concen: 2.305 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25



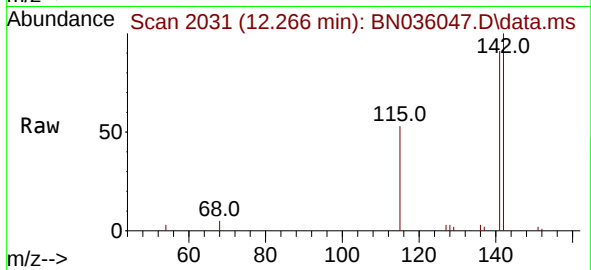
Tgt Ion:128 Resp: 37824
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 14.0 12.0 18.0





#7
2-Methylnaphthalene
Concen: 1.118 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

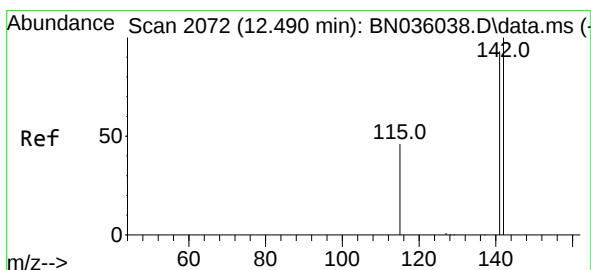
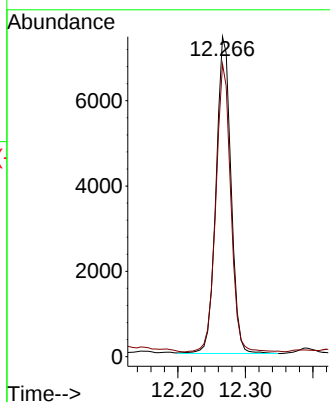
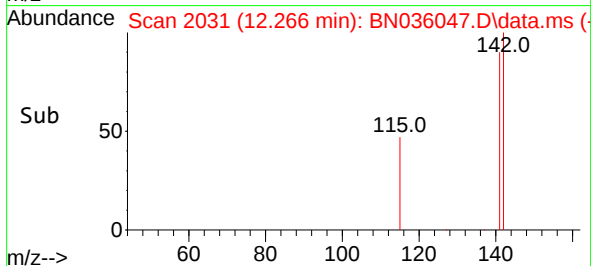
Instrument :
BNA_N
ClientSampleId :
E2953



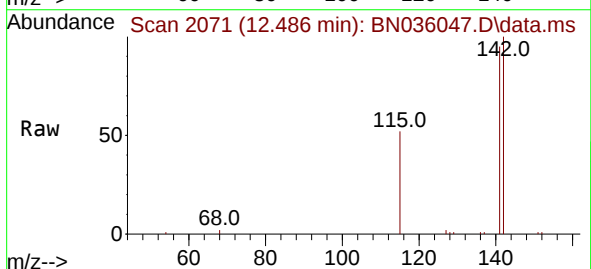
Tgt Ion:142 Resp: 11390
Ion Ratio Lower Upper
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141 90.7 71.9 107.9

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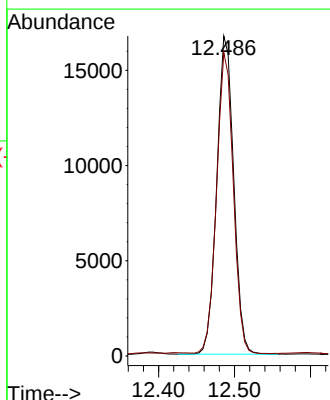
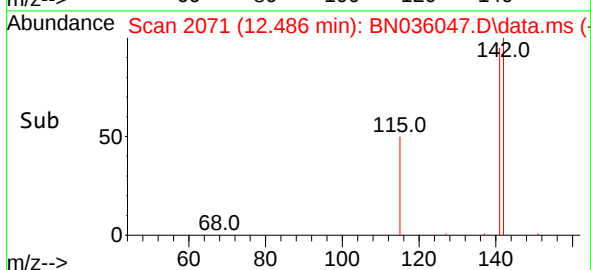
Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025

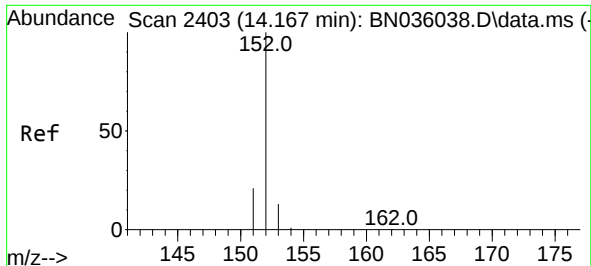


#8
1-Methylnaphthalene
Concen: 2.493 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25



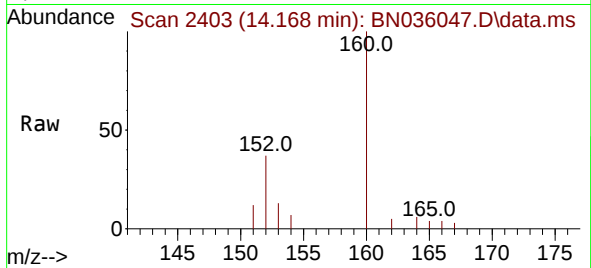
Tgt Ion:142 Resp: 25789
Ion Ratio Lower Upper
142 100
141 93.4 75.2 112.8





#10
Acenaphthylene
Concen: 0.103 ng/u1
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

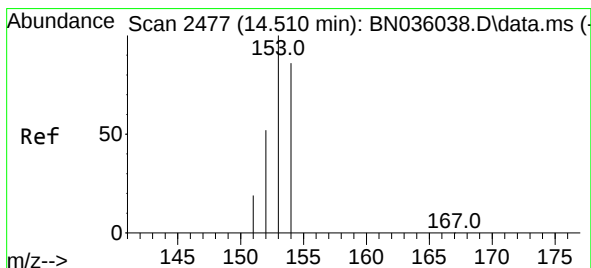
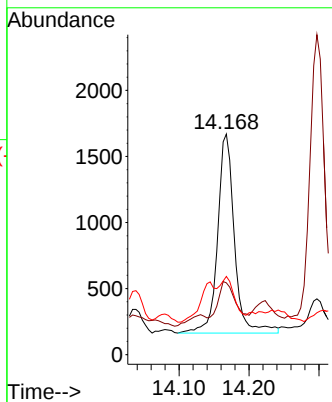
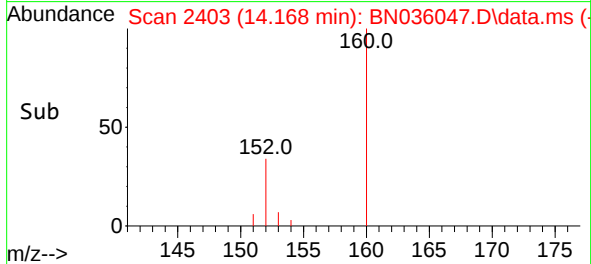
Instrument :
BNA_N
ClientSampleId :
E2953



Tgt Ion:152 Resp: 252
Ion Ratio Lower Upper
152 100
151 32.5 17.4 26.2
153 35.4 11.9 17.9

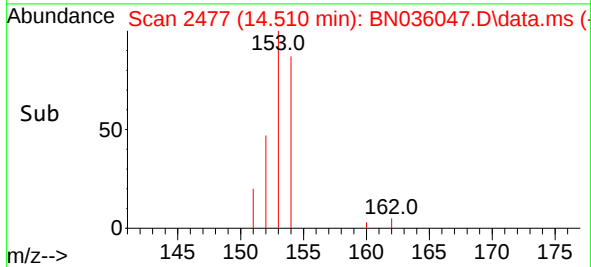
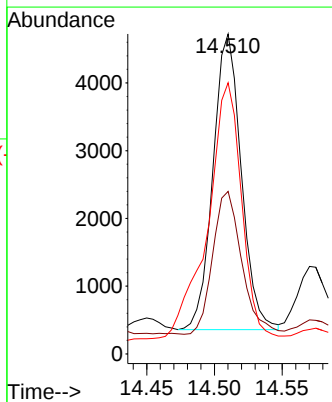
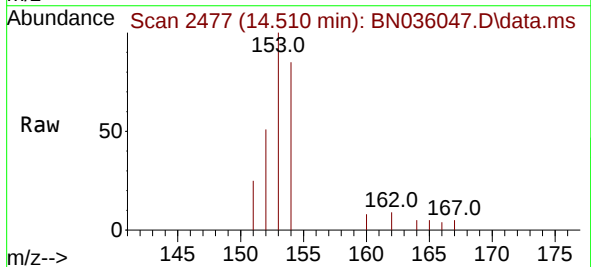
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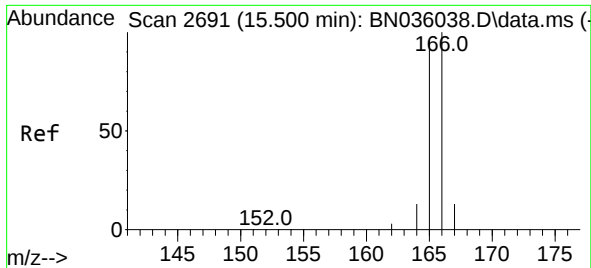
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#11
Acenaphthene
Concen: 0.351 ng/u1
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

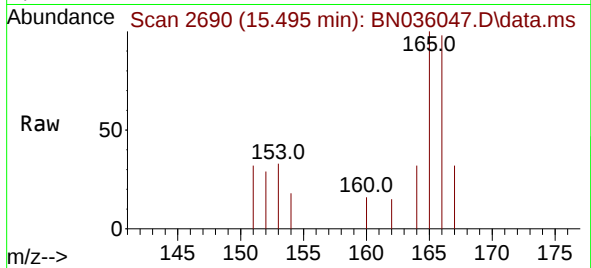
Tgt Ion:153 Resp: 6326
Ion Ratio Lower Upper
153 100
152 50.8 43.2 64.8
154 84.8 70.5 105.7





#12
Fluorene
Concen: 0.275 ng/ul
RT: 15.495 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

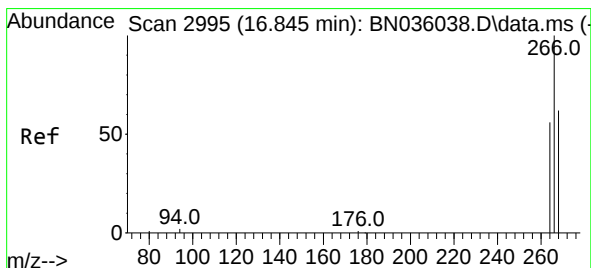
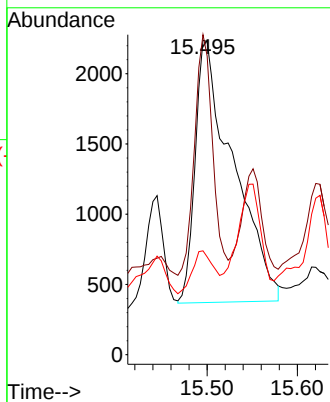
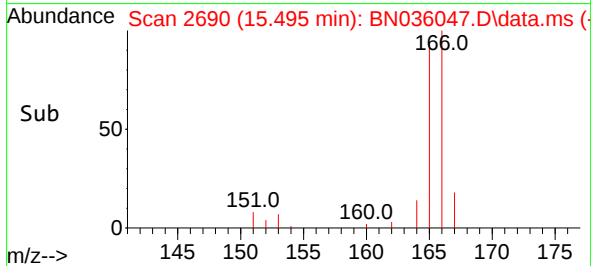
Instrument :
BNA_N
ClientSampleId :
E2953



Tgt Ion:166 Resp: 546
Ion Ratio Lower Upper
166 100
165 101.7 80.3 120.5
167 33.1 12.3 18.5

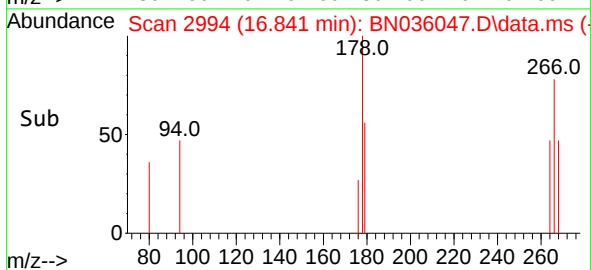
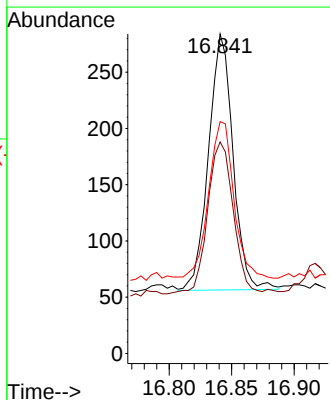
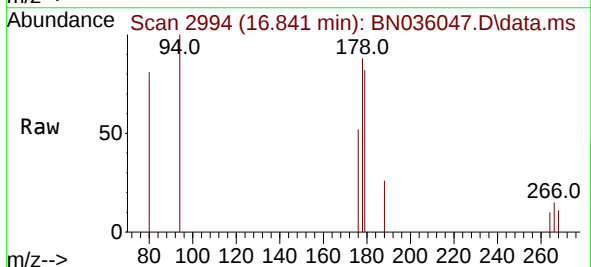
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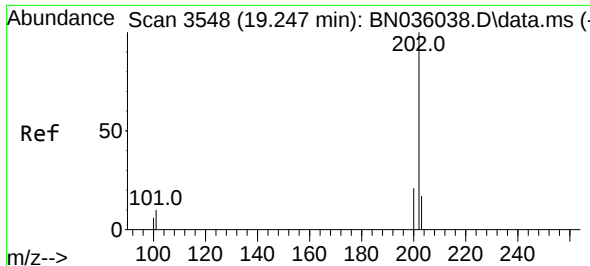
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#14
Pentachlorophenol
Concen: 0.093 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

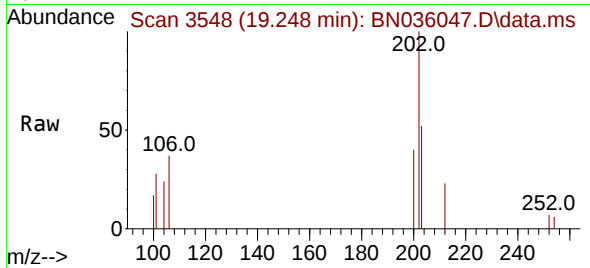
Tgt Ion:266 Resp: 310
Ion Ratio Lower Upper
266 100
264 61.9 50.6 75.8
268 63.2 50.6 75.8





#19
Fluoranthene
Concen: 0.138 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25

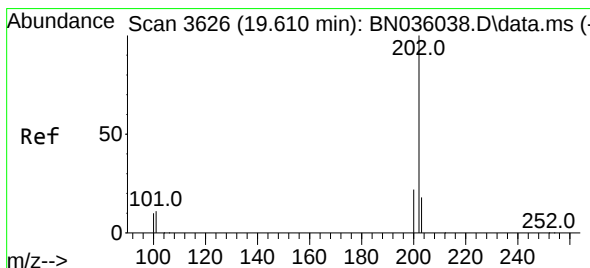
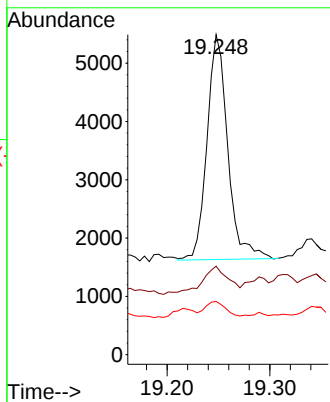
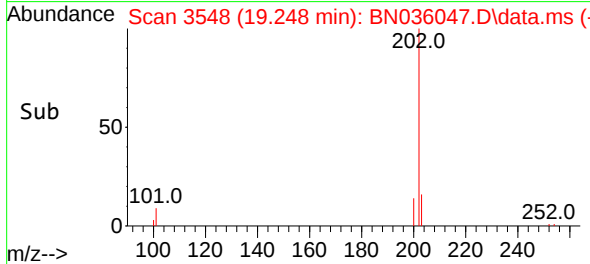
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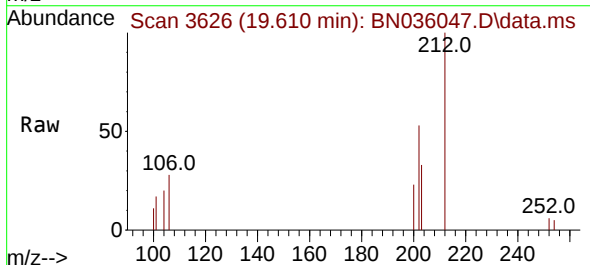
Tgt Ion:202 Resp: 5410
Ion Ratio Lower Upper
202 100
101 27.6 8.4 12.6
100 16.7 6.5 9.7

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#20
Pyrene
Concen: 0.081 ng/ul m
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036047.D
Acq: 27 Jan 2025 21:25



Tgt Ion:202 Resp: 3312
Ion Ratio Lower Upper
202 100
101 31.5 9.3 13.9#
100 20.6 7.5 11.3#

