

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036048.D
 Acq On : 27 Jan 2025 22:01
 Operator : RC/JU
 Sample : Q1174-23
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2954

Quant Time: Jan 28 00:09:21 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)

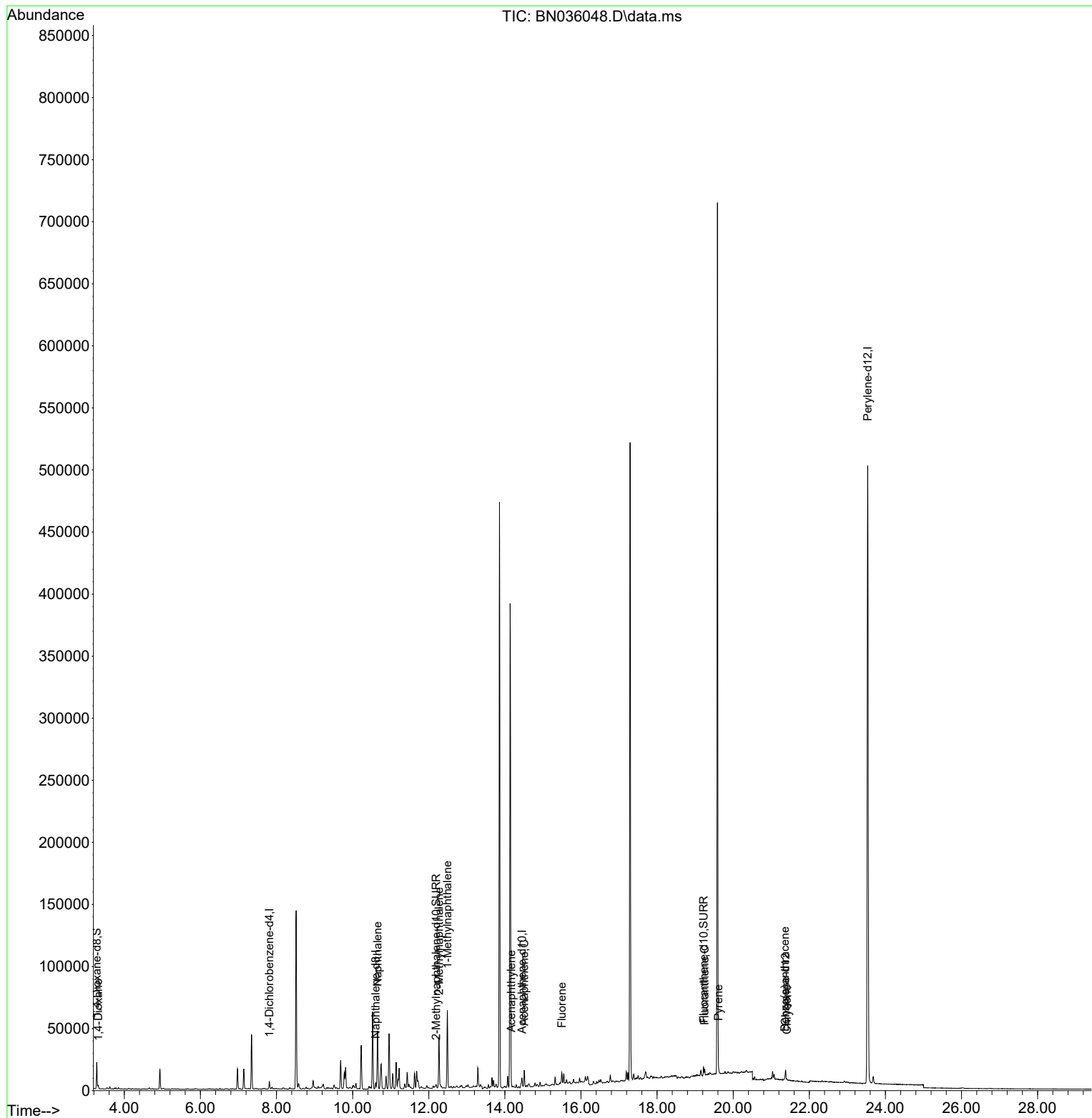
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2617	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5915	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.450	164	7032	0.400	ng/ul	0.00
13) Phenanthrene-d10	0.000	188	0	0.000	ng/ul	-17.19
17) Chrysene-d12	21.375	240	9560	0.400	ng/ul #	0.00
23) Perylene-d12	23.535	264	468026	0.400	ng/ul #	-0.13
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	12219	4.264	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3253	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	7773	0.296	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.314	88	1315	0.430	ng/ul#	67
5) Naphthalene	10.655	128	58499	3.590	ng/ul	98
7) 2-Methylnaphthalene	12.271	142	26456	2.614	ng/ul	99
8) 1-Methylnaphthalene	12.491	142	40408	3.933	ng/ul	99
10) Acenaphthylene	14.168	152	3196	0.096	ng/ul#	73
11) Acenaphthene	14.510	153	7929	0.325	ng/ul	97
12) Fluorene	15.495	166	7529	0.279	ng/ul#	95
19) Fluoranthene	19.252	202	5413	0.149	ng/ul#	65
20) Pyrene	19.615	202	4067	0.107	ng/ul#	60
21) Benzo(a)anthracene	21.360	228	1009	0.030	ng/ul#	1
22) Chrysene	21.410	228	1104	0.032	ng/ul#	1

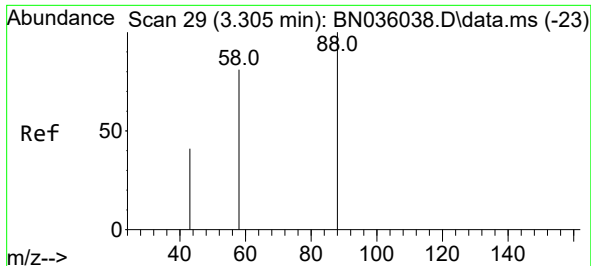
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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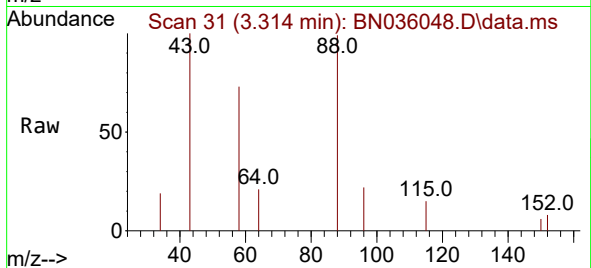
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



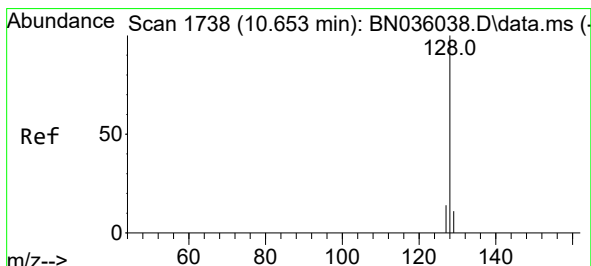
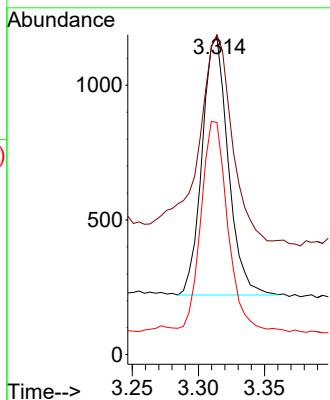
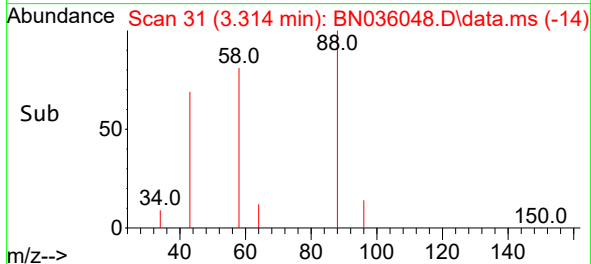


#2
1,4-Dioxane
Concen: 0.430 ng/ul
RT: 3.314 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

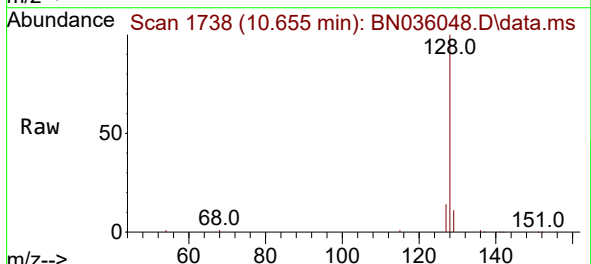
Instrument :
BNA_N
ClientSampleId :
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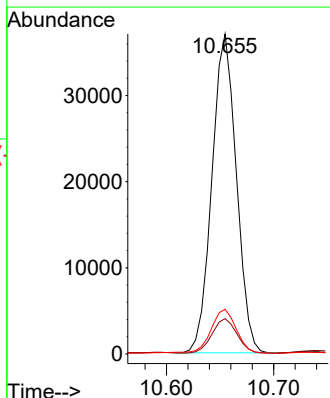
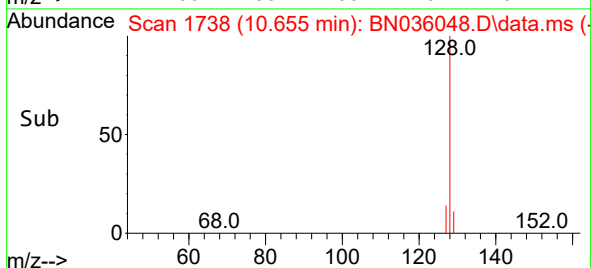
Tgt Ion: 88 Resp: 1315
Ion Ratio Lower Upper
88 100
43 100.7 40.7 61.1#
58 73.1 55.2 82.8

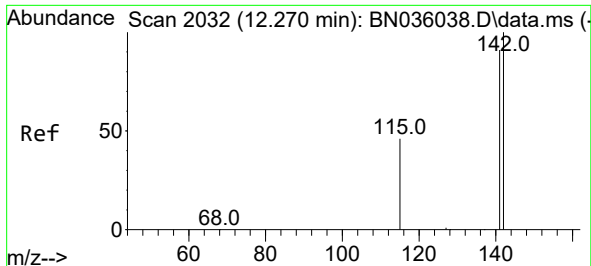


#5
Naphthalene
Concen: 3.590 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01



Tgt Ion:128 Resp: 58499
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 14.0 12.0 18.0

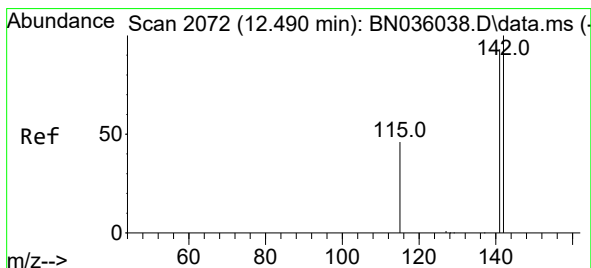
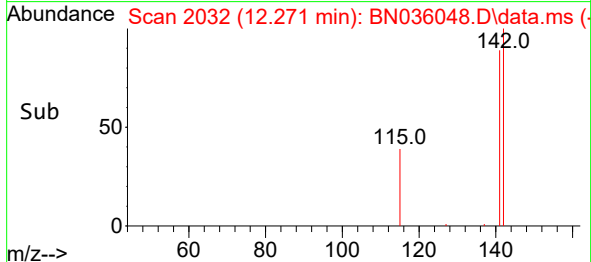
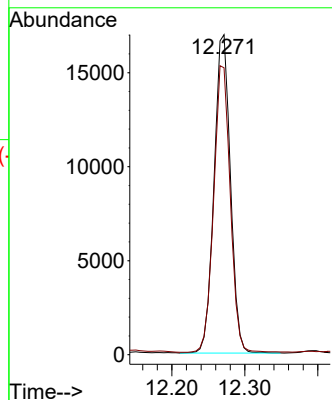
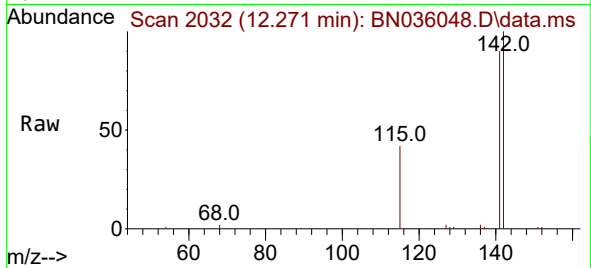




#7
2-Methylnaphthalene
Concen: 2.614 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

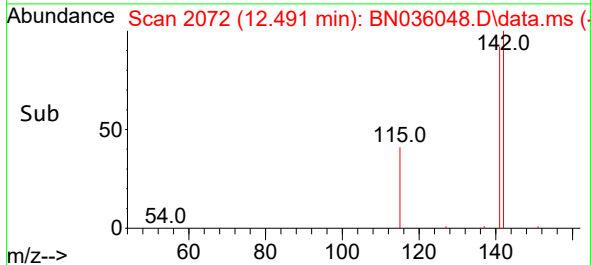
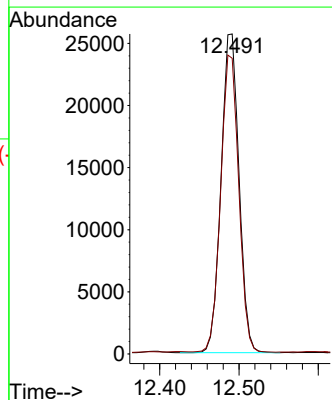
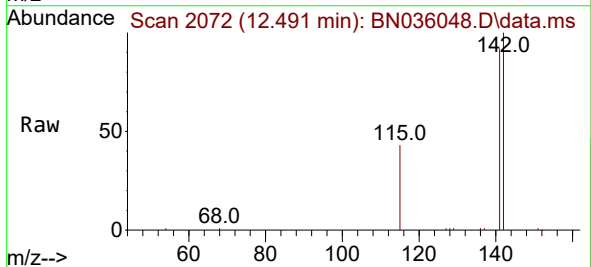
Instrument :
BNA_N
ClientSampleId :
E2954

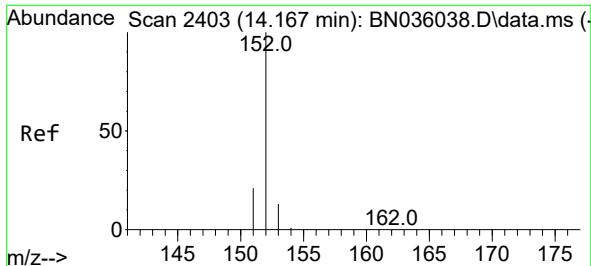
Tgt Ion:142 Resp: 26456
Ion Ratio Lower Upper
142 100
141 91.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 3.933 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

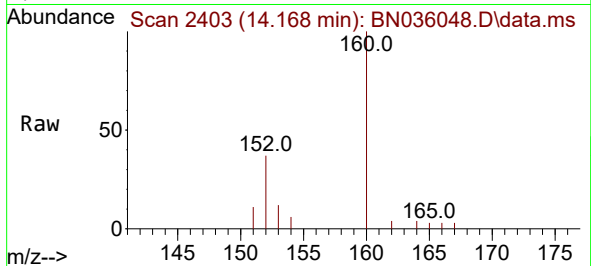
Tgt Ion:142 Resp: 40408
Ion Ratio Lower Upper
142 100
141 93.3 75.2 112.8



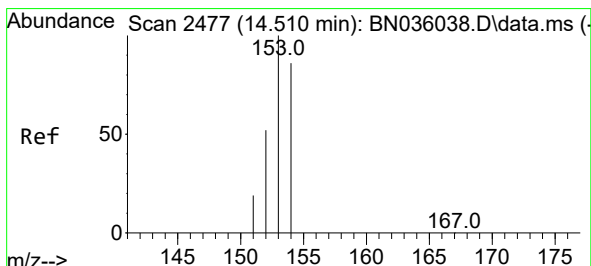
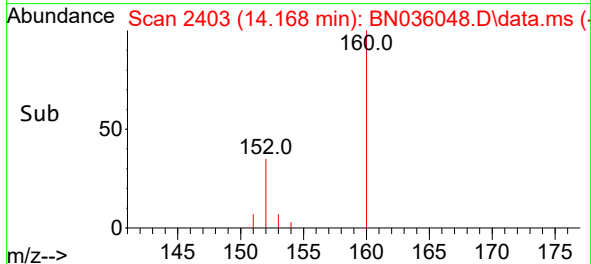
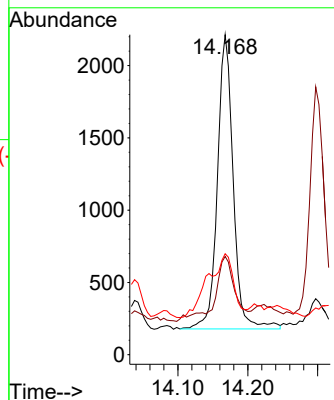


#10
Acenaphthylene
Concen: 0.096 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

Instrument :
BNA_N
ClientSampleId :
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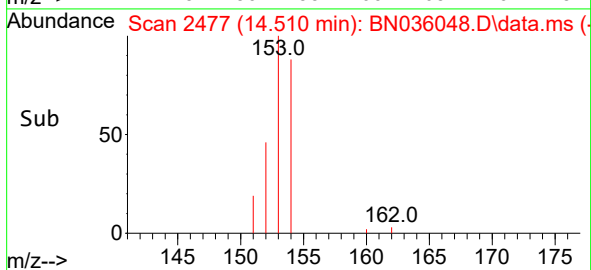
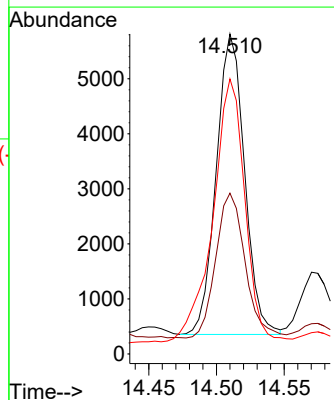
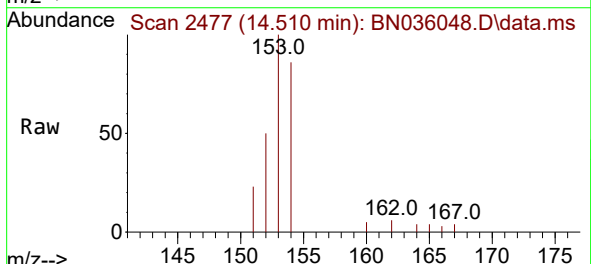


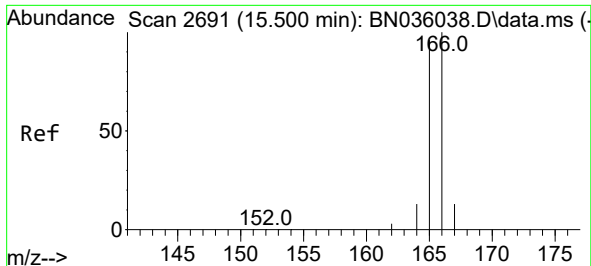
Tgt Ion:152 Resp: 3196
Ion Ratio Lower Upper
152 100
151 30.7 17.4 26.2#
153 31.6 11.9 17.9#



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

Tgt Ion:153 Resp: 7929
Ion Ratio Lower Upper
153 100
152 50.3 43.2 64.8
154 85.9 70.5 105.7

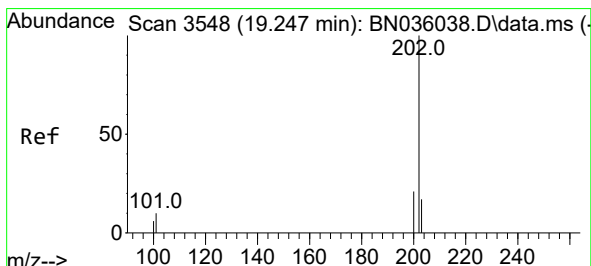
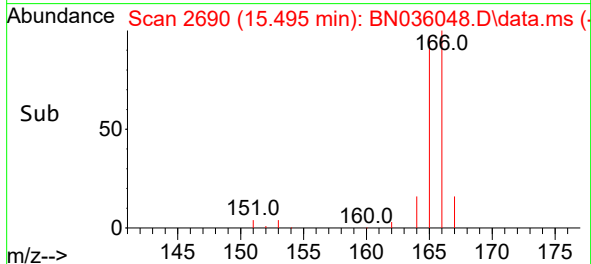
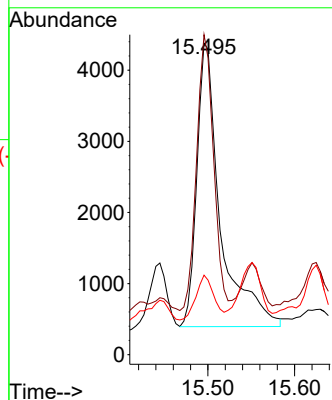
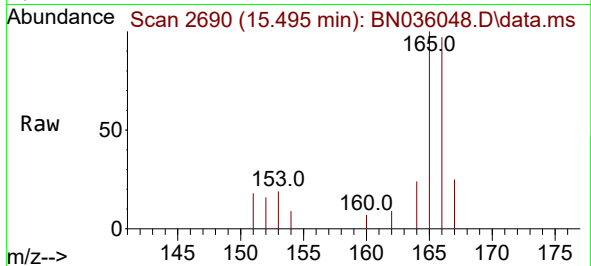




#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.495 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

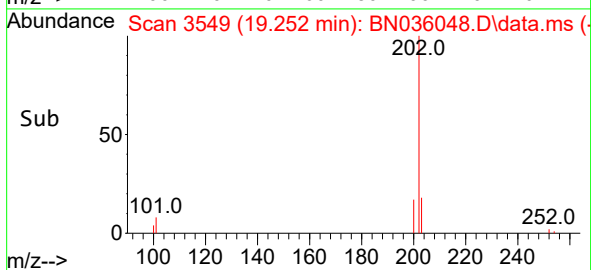
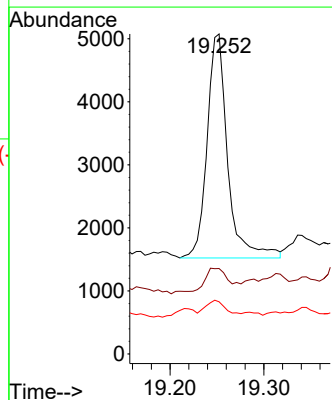
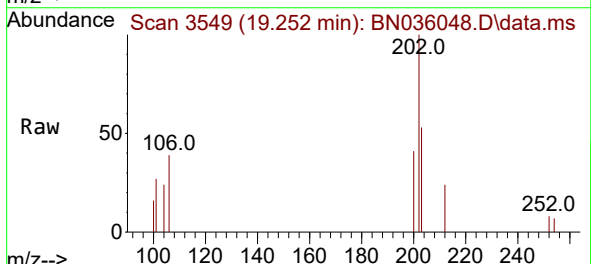
Instrument :
BNA_N
ClientSampleId :
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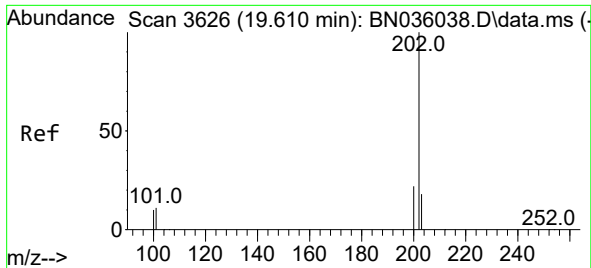
Tgt Ion:166 Resp: 7529
Ion Ratio Lower Upper
166 100
165 102.7 80.3 120.5
167 25.5 12.3 18.5#



#19
Fluoranthene
Concen: 0.149 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

Tgt Ion:202 Resp: 5413
Ion Ratio Lower Upper
202 100
101 26.7 8.4 12.6#
100 16.3 6.5 9.7#

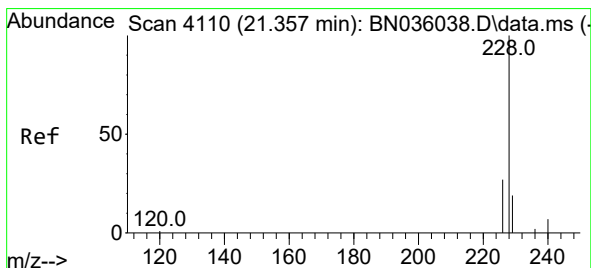
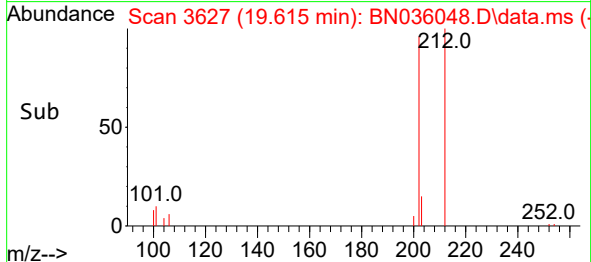
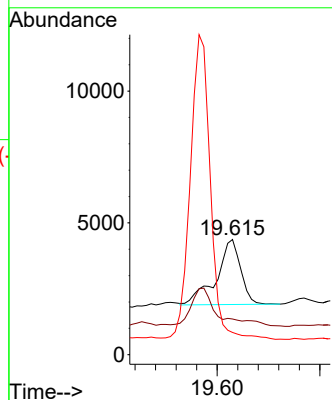
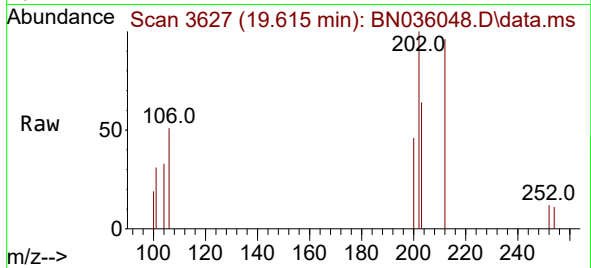




#20
Pyrene
Concen: 0.107 ng/ul
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

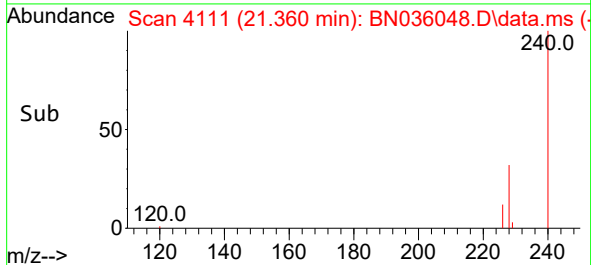
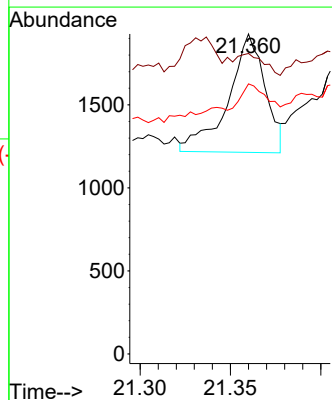
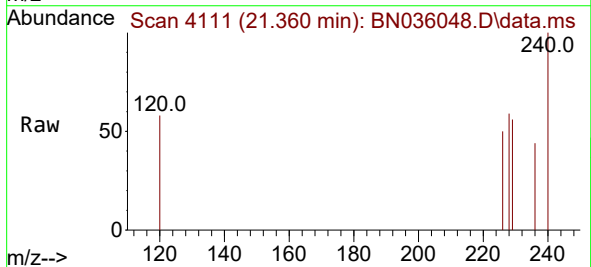
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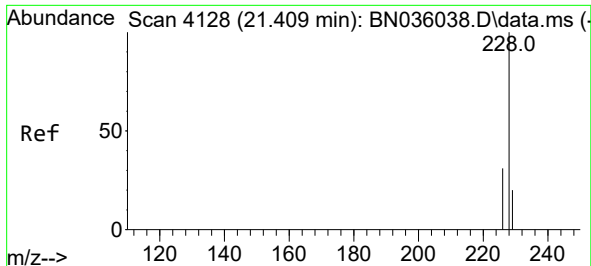
Tgt Ion:202 Resp: 4067
Ion Ratio Lower Upper
202 100
101 30.9 9.3 13.9#
100 19.3 7.5 11.3#



#21
Benzo(a)anthracene
Concen: 0.030 ng/ul
RT: 21.360 min Scan# 4111
Delta R.T. 0.006 min
Lab File: BN036048.D
Acq: 27 Jan 2025 22:01

Tgt Ion:228 Resp: 1009
Ion Ratio Lower Upper
228 100
229 93.9 15.9 23.9#
226 84.4 22.8 34.2#





#22

Chrysene

Concen: 0.032 ng/ul

RT: 21.410 min Scan# 41

Delta R.T. 0.003 min

Lab File: BN036048.D

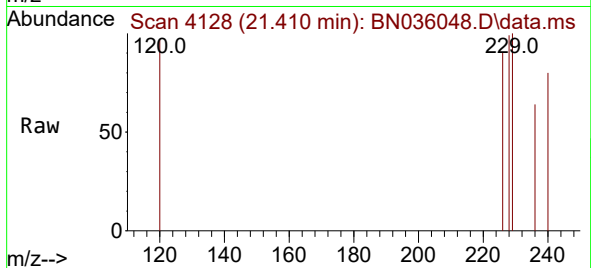
Acq: 27 Jan 2025 22:01

Instrument :

BNA_N

ClientSampleId :

E2954



Tgt Ion:228 Resp: 1104

Ion Ratio Lower Upper

228 100

226 90.6 24.4 36.6#

229 100.9 15.9 23.9#

