

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036098.D
 Acq On : 29 Jan 2025 07:06
 Operator : RC/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4391

Quant Time: Jan 29 08:09:17 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)

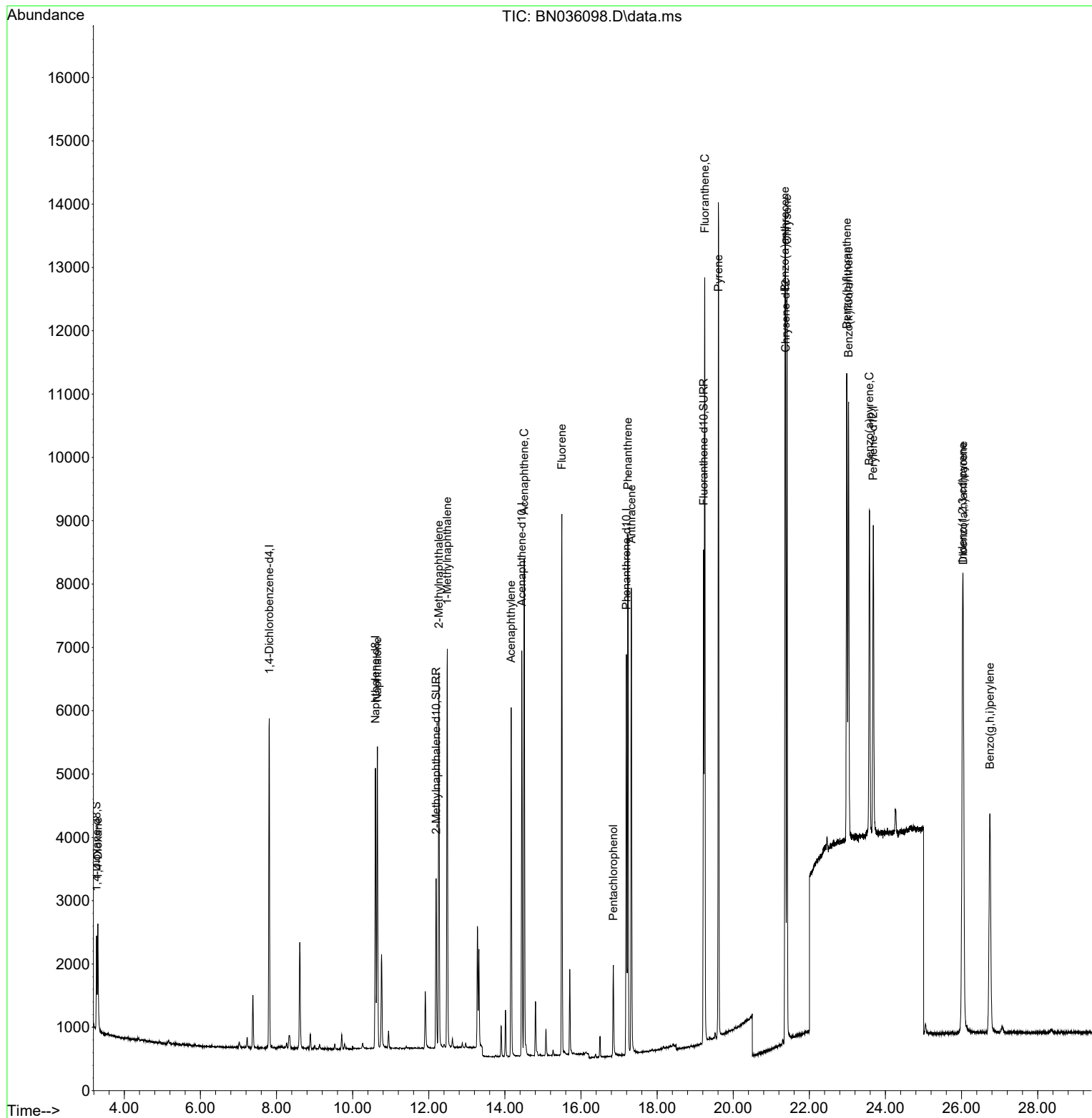
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	2507	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5710	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.446	164	3506	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	7587	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	7028	0.400	ng/ul	0.00
23) Perylene-d12	23.680	264	6579	0.400	ng/ul #	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	973	0.354	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	3445	0.478	ng/ul	0.00
18) Fluoranthene-d10	19.221	212	8597	0.445	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.306	88	1070	0.365	ng/ul	98
5) Naphthalene	10.649	128	6254	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	4062	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	4240	0.428	ng/ul	99
10) Acenaphthylene	14.164	152	6330	0.383	ng/ul	99
11) Acenaphthene	14.506	153	4507	0.371	ng/ul	96
12) Fluorene	15.496	166	5228	0.389	ng/ul	99
14) Pentachlorophenol	16.850	266	992	0.373	ng/ul	99
15) Phenanthrene	17.234	178	8635	0.389	ng/ul	99
16) Anthracene	17.323	178	7945	0.385	ng/ul	99
19) Fluoranthene	19.253	202	10563	0.395	ng/ul	99
20) Pyrene	19.611	202	11008	0.395	ng/ul	98
21) Benzo(a)anthracene	21.362	228	9901	0.395	ng/ul	99
22) Chrysene	21.415	228	9971	0.389	ng/ul	98
24) Benzo(b)fluoranthene	22.984	252	9268	0.422	ng/ul	90
25) Benzo(k)fluoranthene	23.031	252	9021	0.391	ng/ul#	91
26) Benzo(a)pyrene	23.578	252	7371	0.372	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.024	276	9689	0.369	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.044	278	7530	0.373	ng/ul	94
29) Benzo(g,h,i)perylene	26.745	276	7580	0.372	ng/ul	98

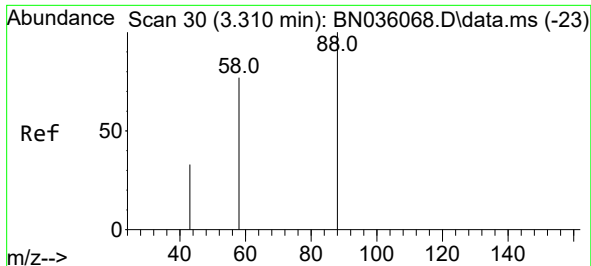
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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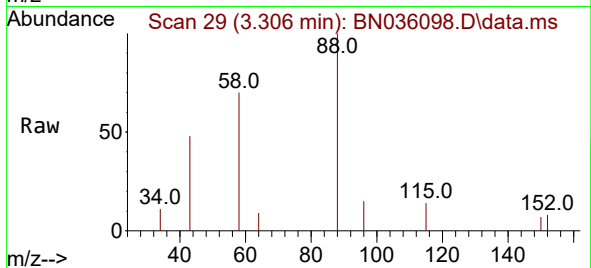
Quant Time: Jan 29 08:09:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





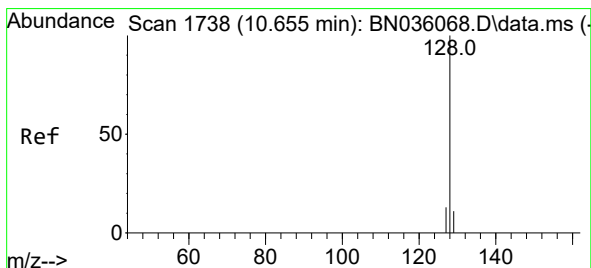
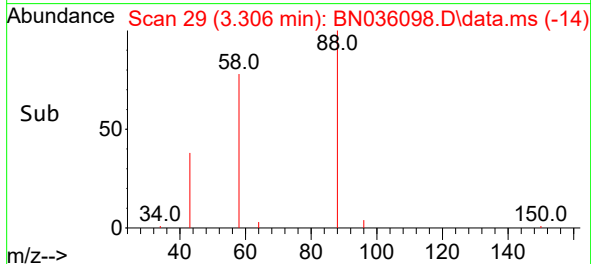
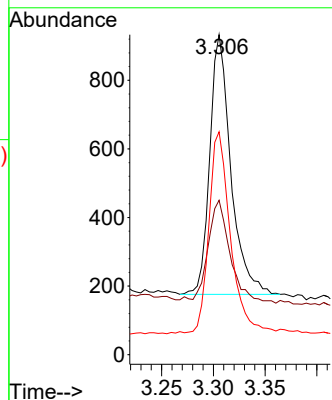
#2
1,4-Dioxane
Concen: 0.365 ng/ul
RT: 3.306 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4391



Tgt Ion: 88 Resp: 1070

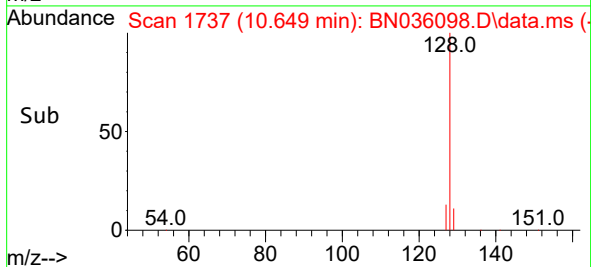
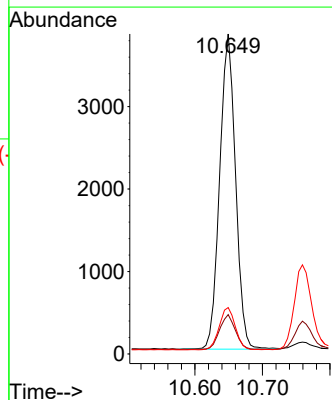
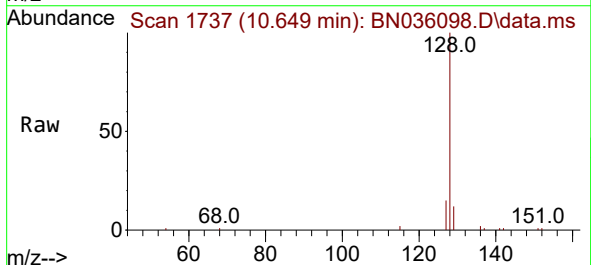
Ion	Ratio	Lower	Upper
88	100		
43	48.2	40.7	61.1
58	69.7	55.2	82.8

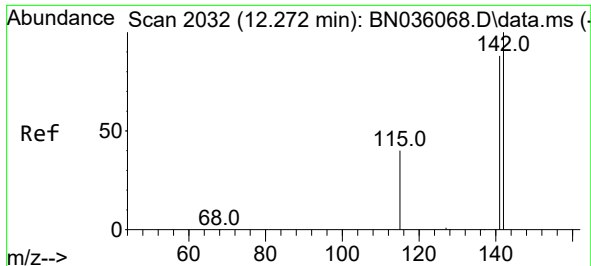


#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion: 128 Resp: 6254

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.6	14.4
127	14.5	12.0	18.0

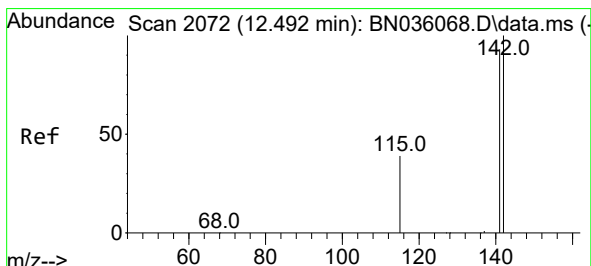
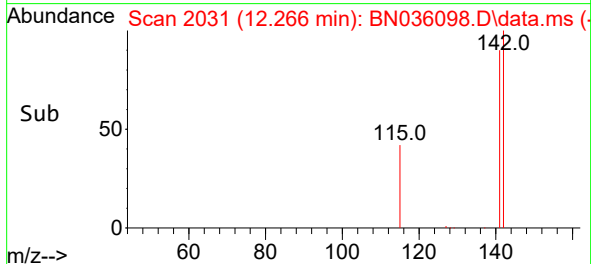
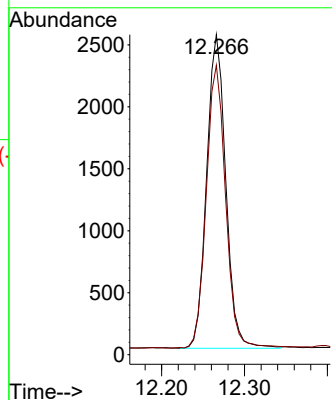
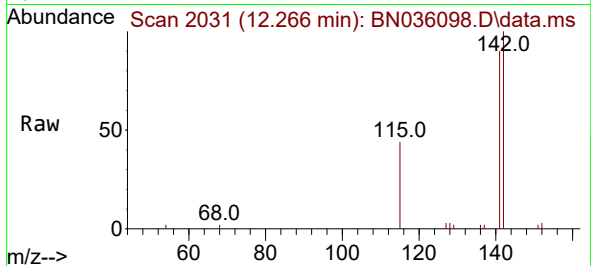




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

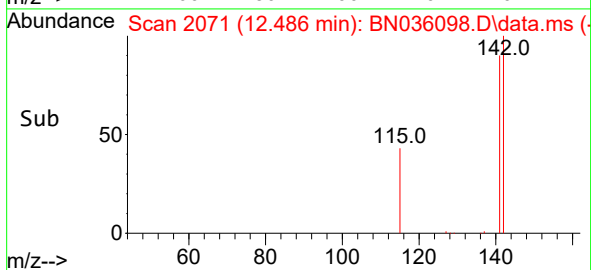
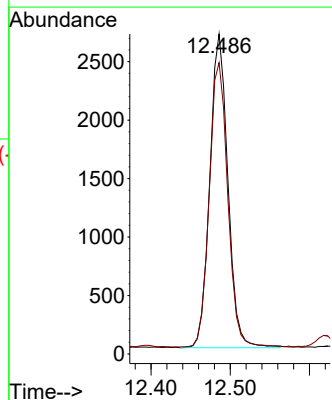
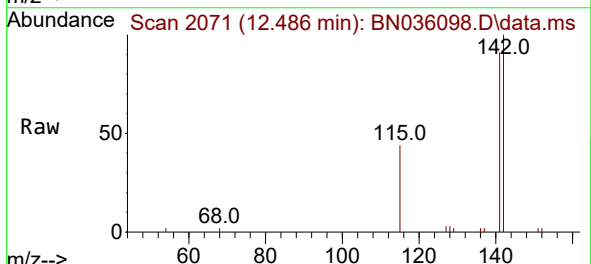
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

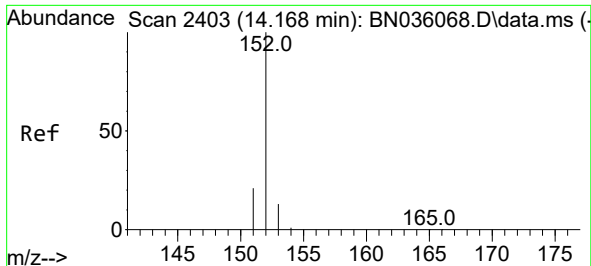
Tgt Ion:142 Resp: 4062
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.428 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:142 Resp: 4240
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8

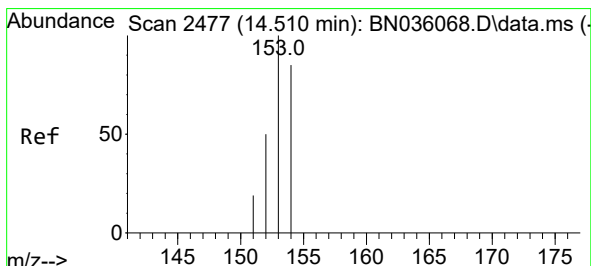
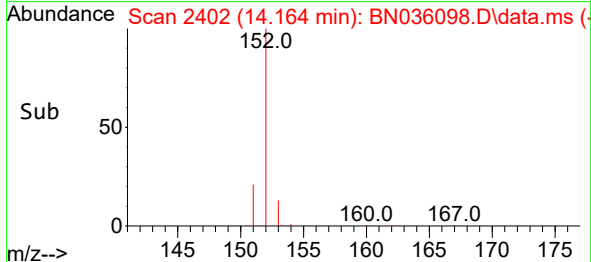
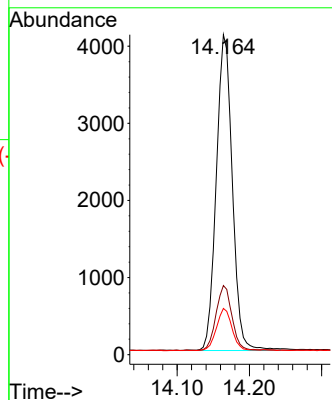
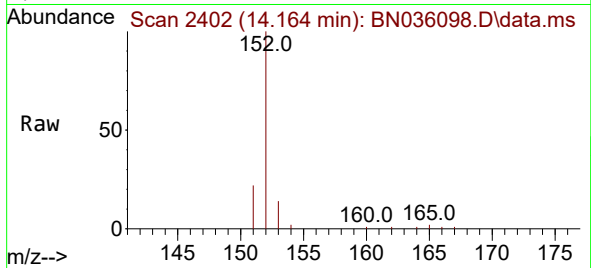




#10
Acenaphthylene
Concen: 0.383 ng/ul
RT: 14.164 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

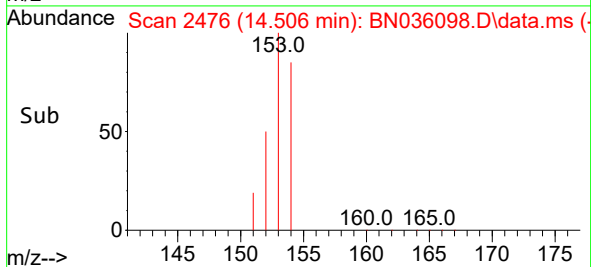
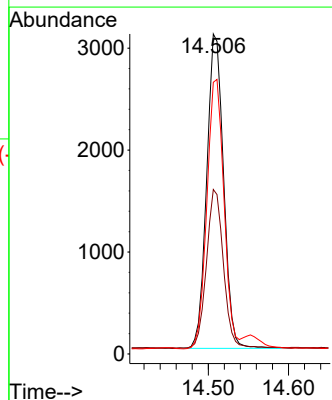
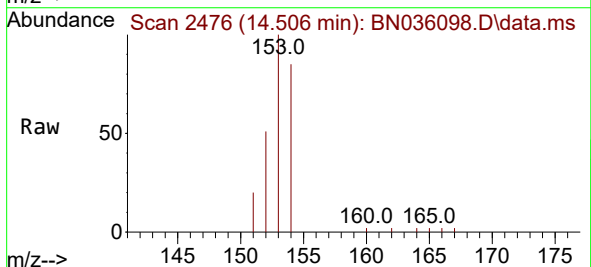
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

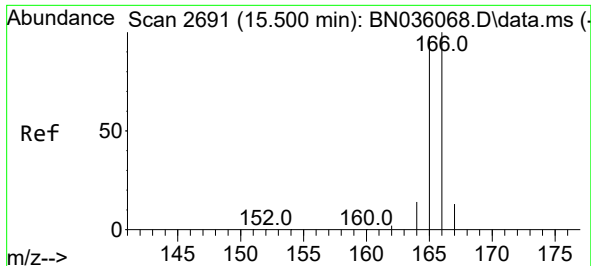
Tgt Ion:152 Resp: 6330
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.371 ng/ul
RT: 14.506 min Scan# 2476
Delta R.T. -0.008 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:153 Resp: 4507
Ion Ratio Lower Upper
153 100
152 51.4 43.2 64.8
154 84.9 70.5 105.7

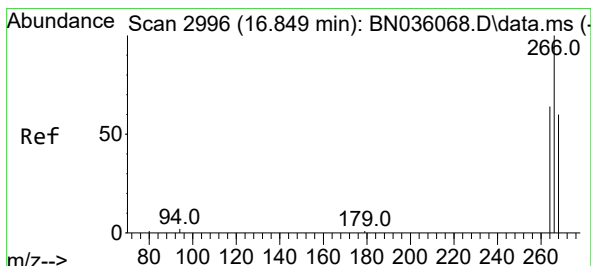
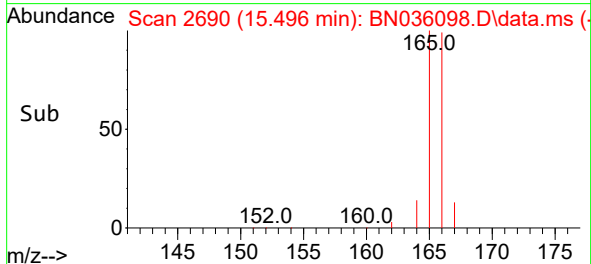
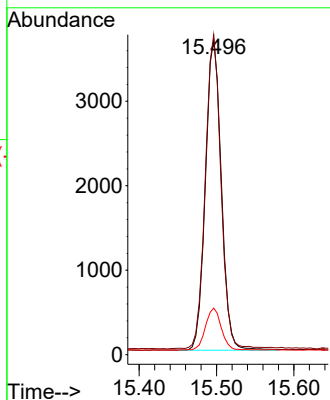
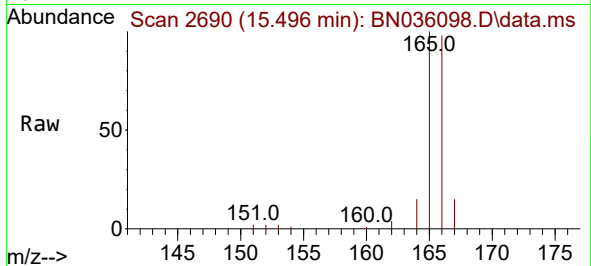




#12
Fluorene
Concen: 0.389 ng/ul
RT: 15.496 min Scan# 2691
Delta R.T. -0.004 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

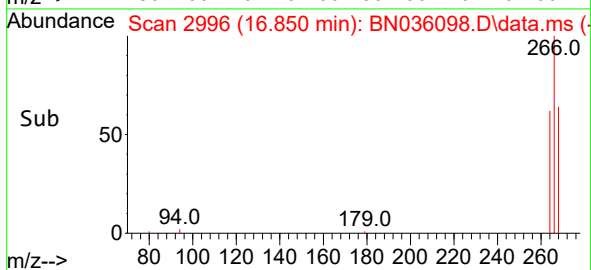
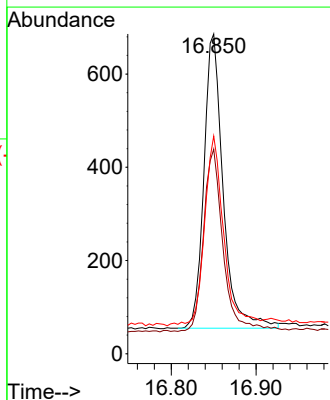
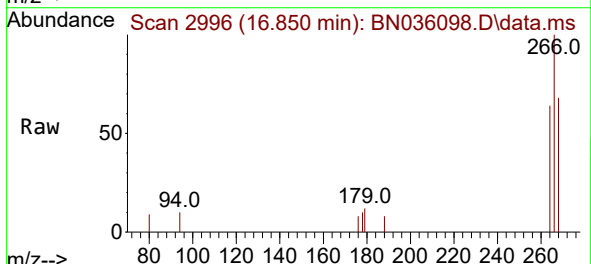
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

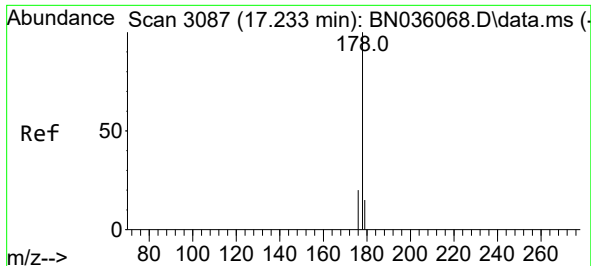
Tgt Ion:166 Resp: 5228
Ion Ratio Lower Upper
166 100
165 101.6 80.3 120.5
167 14.8 12.3 18.5



#14
Pentachlorophenol
Concen: 0.373 ng/ul
RT: 16.850 min Scan# 2996
Delta R.T. 0.009 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:266 Resp: 992
Ion Ratio Lower Upper
266 100
264 63.0 50.6 75.8
268 64.7 50.6 75.8

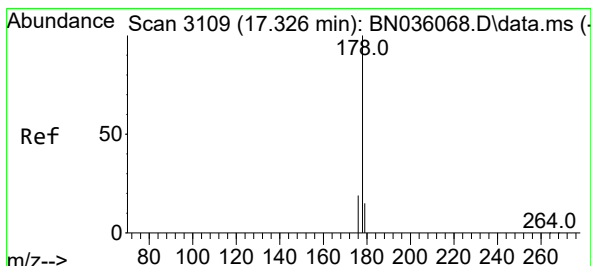
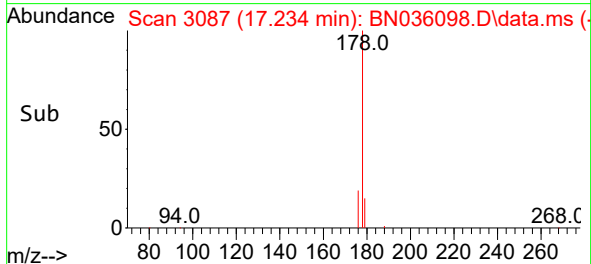
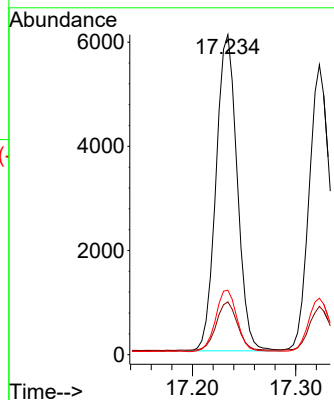
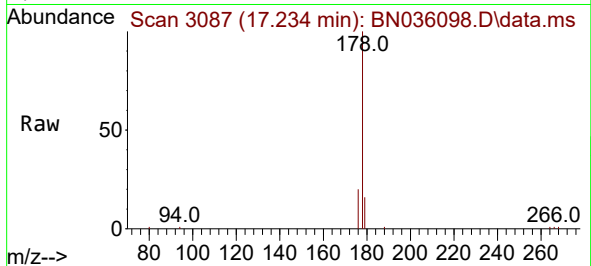




#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.234 min Scan# 3087
Delta R.T. 0.001 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

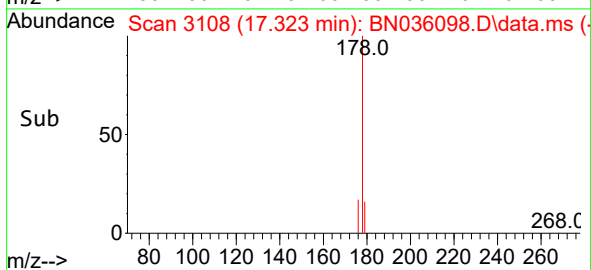
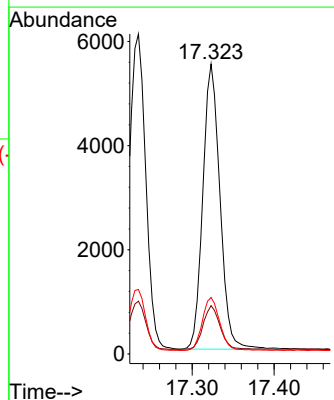
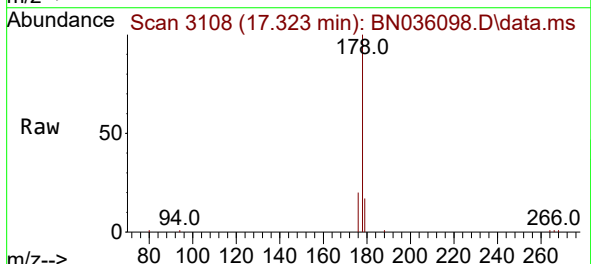
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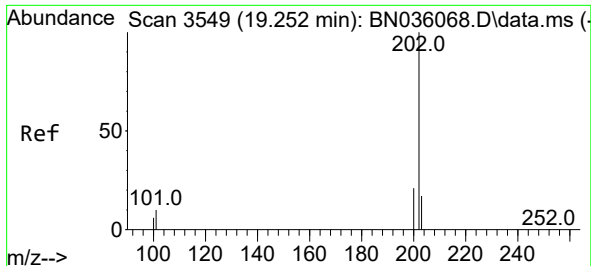
Tgt Ion:178 Resp: 8635
Ion Ratio Lower Upper
178 100
179 16.5 13.2 19.8
176 20.2 16.8 25.2



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.323 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:178 Resp: 7945
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 19.5 15.9 23.9

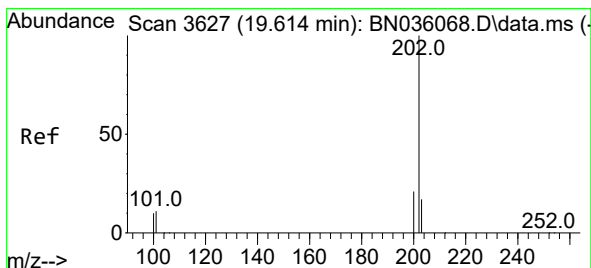
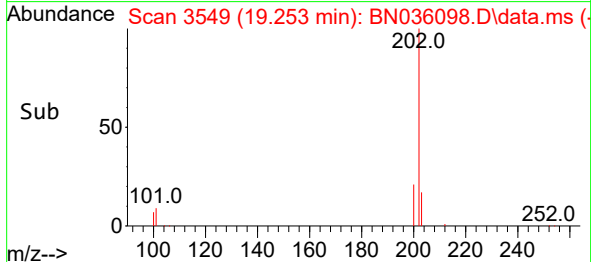
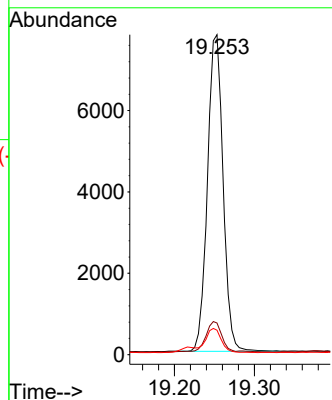
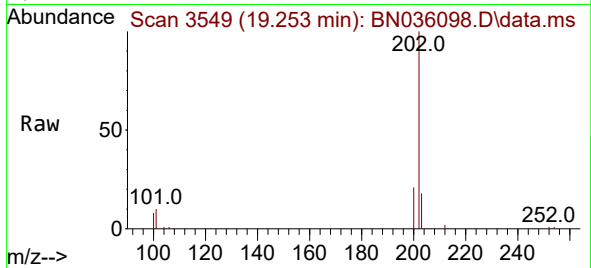




#19
Fluoranthene
Concen: 0.395 ng/ul
RT: 19.253 min Scan# 3549
Delta R.T. 0.006 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

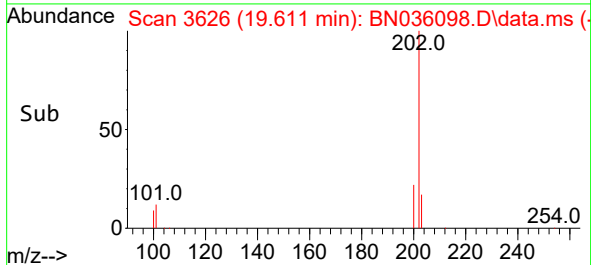
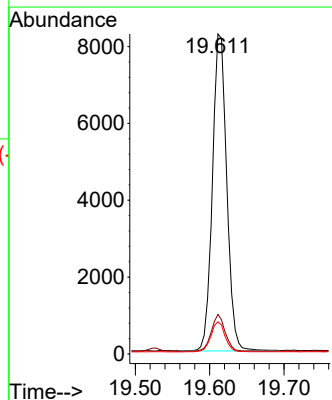
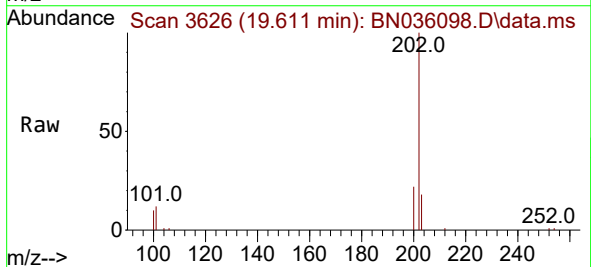
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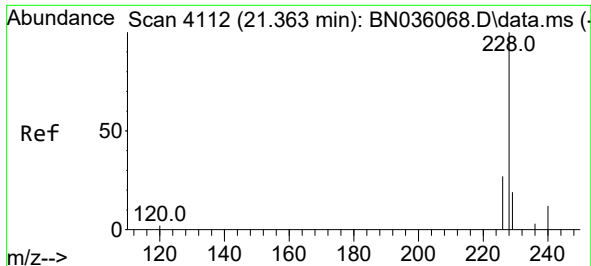
Tgt Ion:202 Resp: 10563
Ion Ratio Lower Upper
202 100
101 9.9 8.4 12.6
100 7.7 6.5 9.7



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.611 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

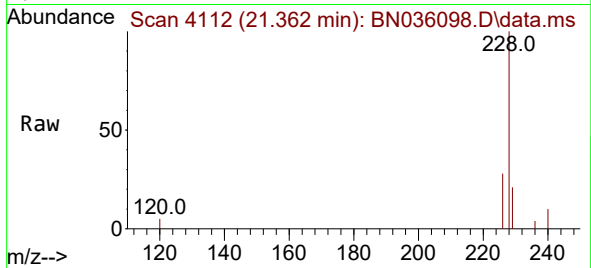
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Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 10.1 7.5 11.3



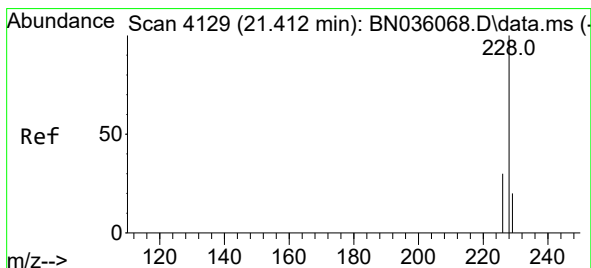
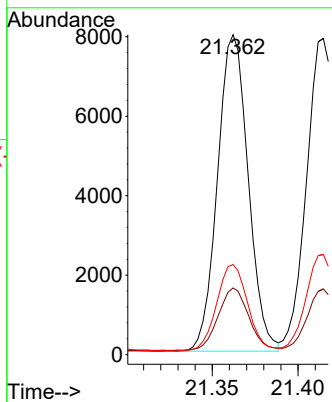
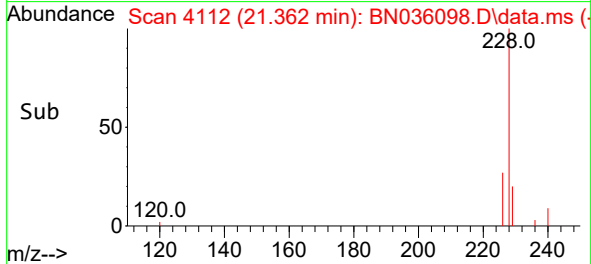


#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.362 min Scan# 4112
Delta R.T. 0.008 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

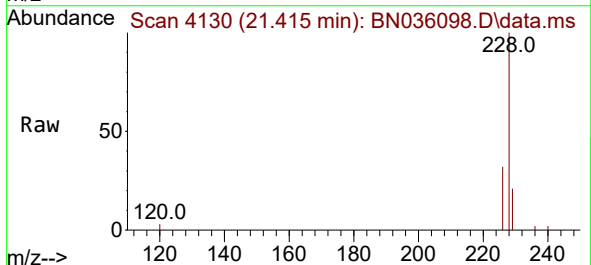
Instrument :
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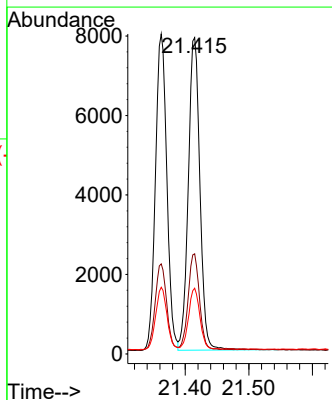
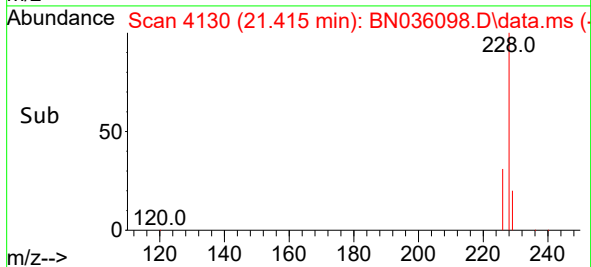
Tgt Ion:228 Resp: 9901
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 28.2 22.8 34.2

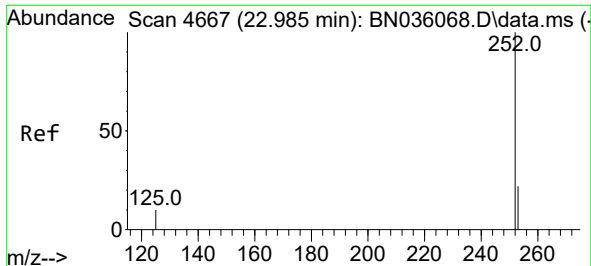


#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.415 min Scan# 4130
Delta R.T. 0.008 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06



Tgt Ion:228 Resp: 9971
Ion Ratio Lower Upper
228 100
226 31.7 24.4 36.6
229 20.8 15.9 23.9

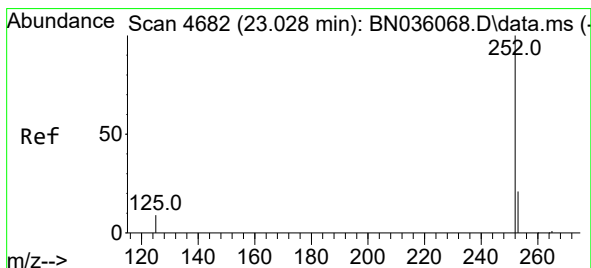
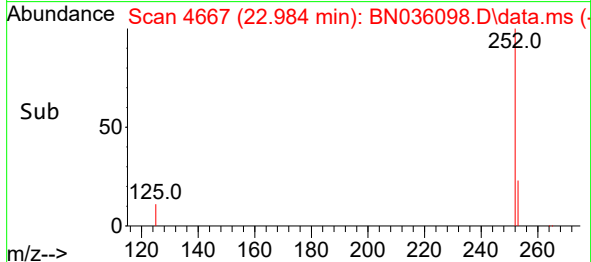
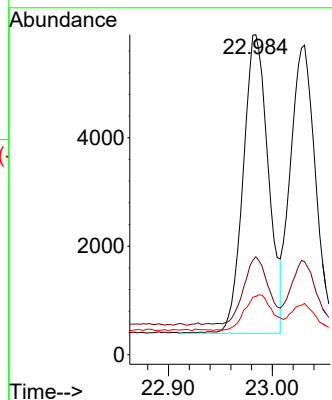
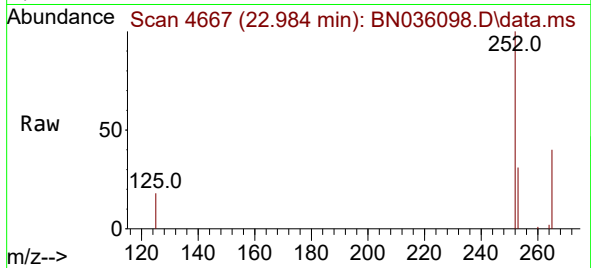




#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 22.984 min Scan# 4667
Delta R.T. 0.011 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

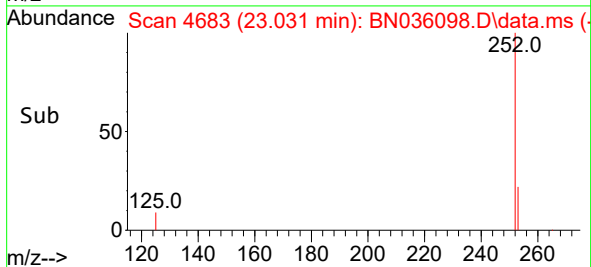
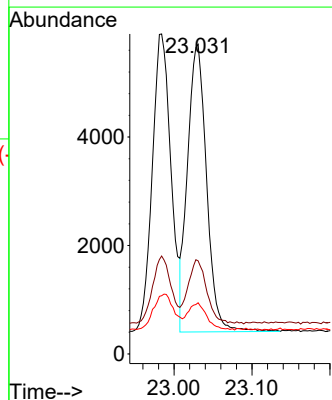
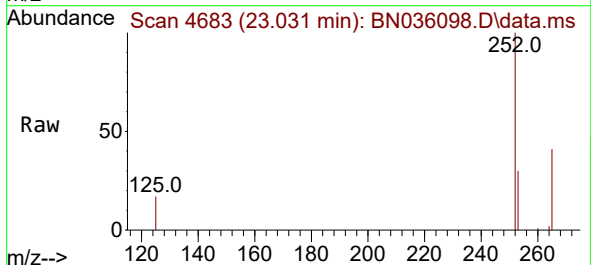
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

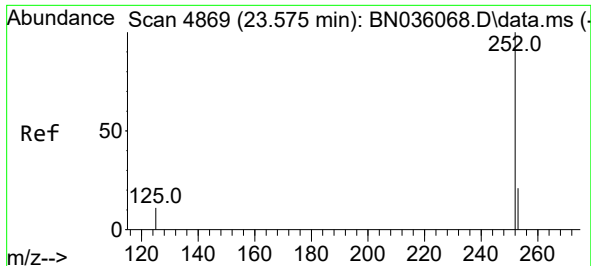
Tgt Ion:252 Resp: 9268
Ion Ratio Lower Upper
252 100
253 30.6 0.0 51.2
125 18.2 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.391 ng/ul
RT: 23.031 min Scan# 4683
Delta R.T. 0.011 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:252 Resp: 9021
Ion Ratio Lower Upper
252 100
253 30.1 20.2 30.4
125 16.5 10.6 16.0#

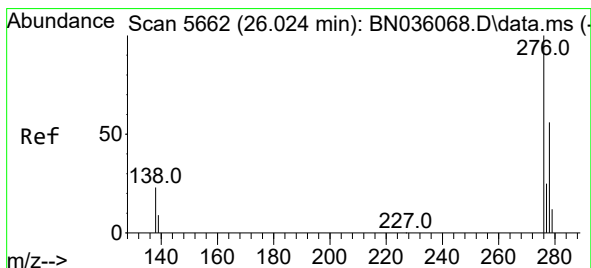
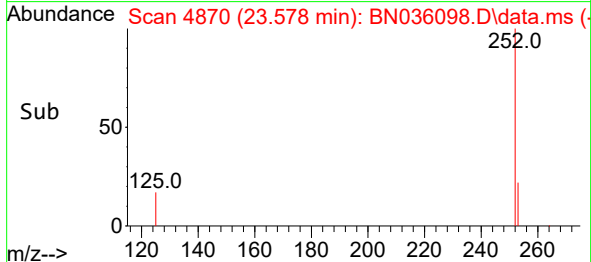
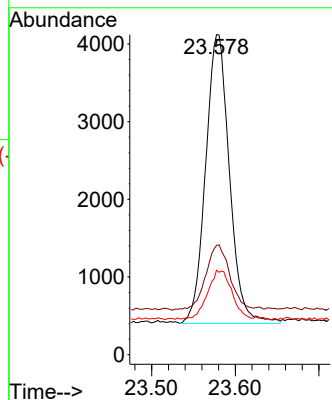
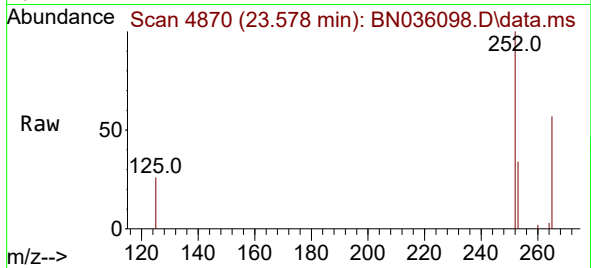




#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.578 min Scan# 4869
Delta R.T. 0.014 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

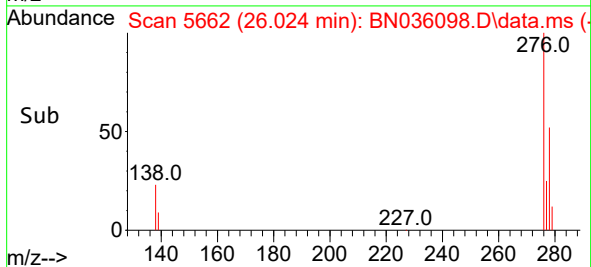
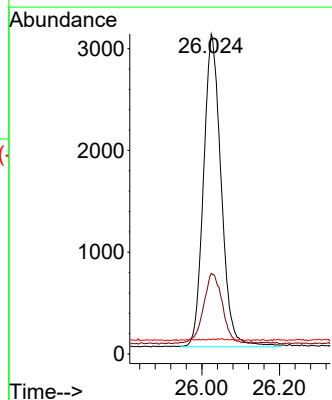
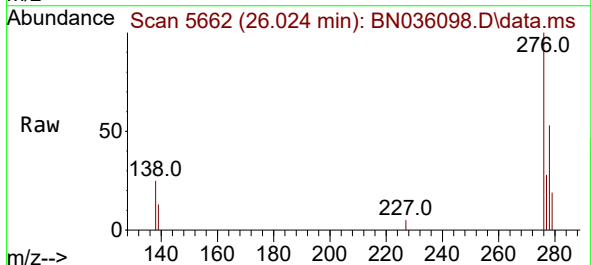
Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

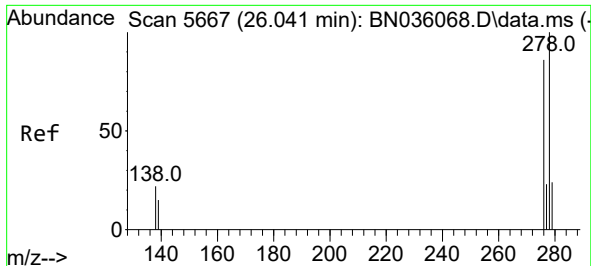
Tgt Ion:252 Resp: 7371
Ion Ratio Lower Upper
252 100
253 34.1 22.2 33.4#
125 26.4 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.024 min Scan# 5662
Delta R.T. 0.020 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:276 Resp: 9689
Ion Ratio Lower Upper
276 100
138 23.8 20.2 30.4
227 0.1 0.1 0.1#

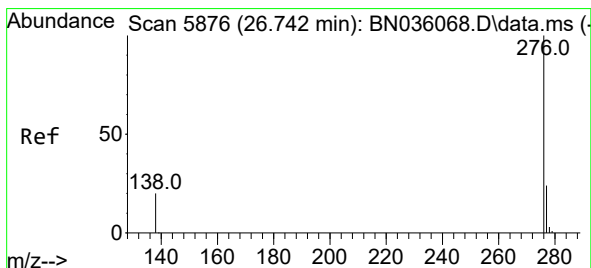
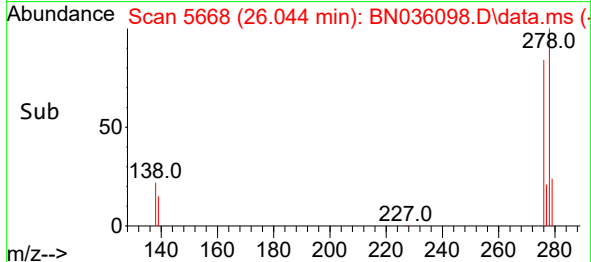
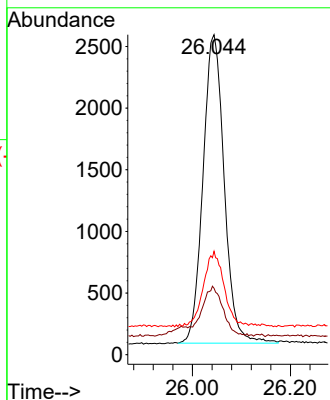
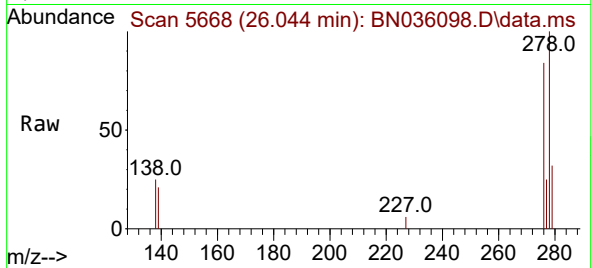




#28
Dibenzo(a,h)anthracene
Concen: 0.373 ng/ul
RT: 26.044 min Scan# 5668
Delta R.T. 0.023 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4391

Tgt Ion:278 Resp: 7530
Ion Ratio Lower Upper
278 100
139 20.8 15.4 23.2
279 32.3 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.745 min Scan# 5877
Delta R.T. 0.026 min
Lab File: BN036098.D
Acq: 29 Jan 2025 07:06

Tgt Ion:276 Resp: 7580
Ion Ratio Lower Upper
276 100
138 24.4 19.4 29.0
277 28.3 21.1 31.7

