

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
 Data File : BN036096.D
 Acq On : 29 Jan 2025 05:18
 Operator : RC/JU
 Sample : PB166305BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS305

Quant Time: Jan 29 08:08:51 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)

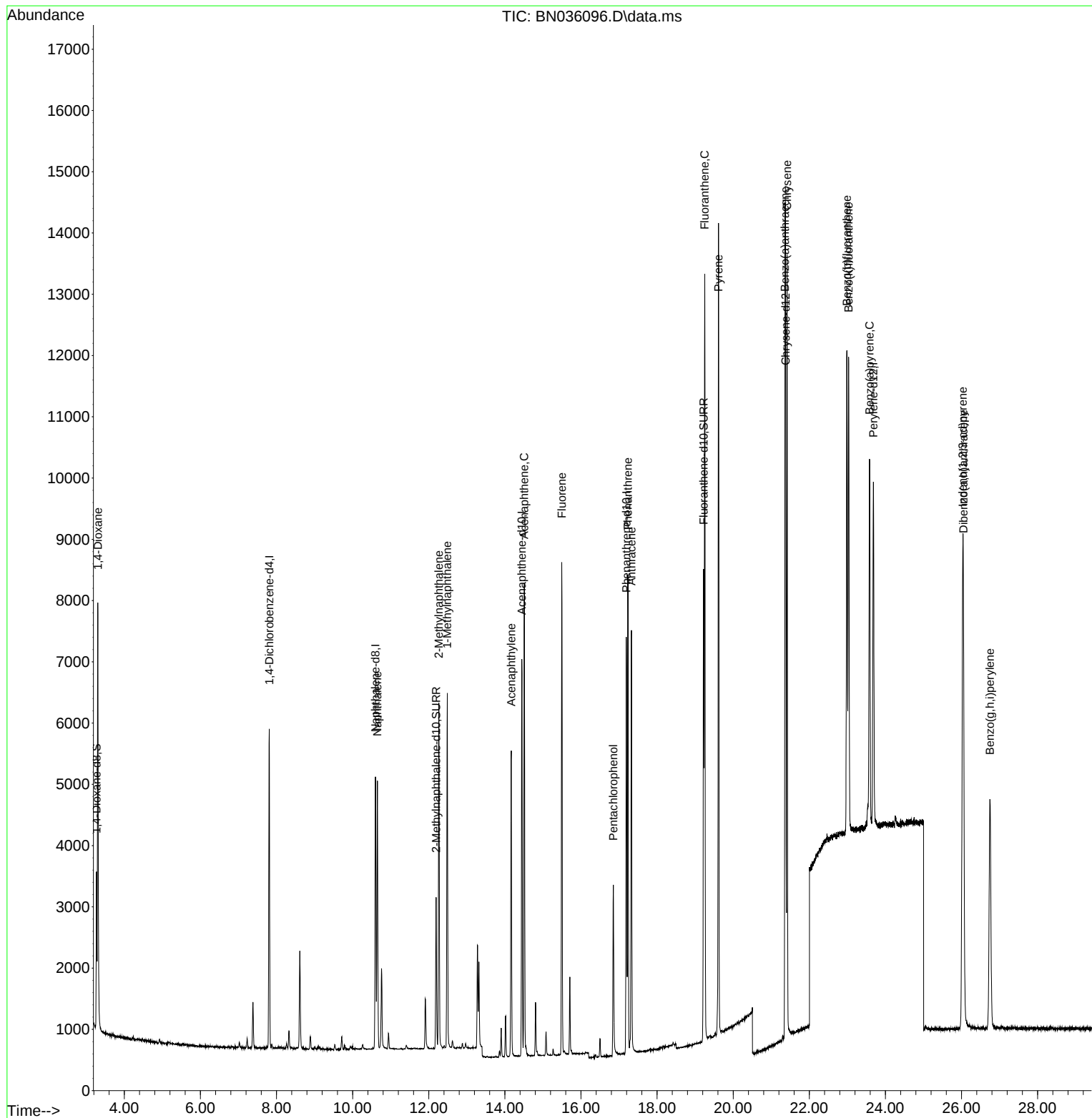
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	2509	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5723	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	3559	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7967	0.400	ng/ul	0.00
17) Chrysene-d12	21.381	240	7818	0.400	ng/ul	0.00
23) Perylene-d12	23.684	264	7566	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1547	0.563	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	3147	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	8729	0.406	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.306	88	4437	1.513	ng/ul#	91
5) Naphthalene	10.649	128	5742	0.364	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	3752	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3795	0.382	ng/ul	100
10) Acenaphthylene	14.168	152	5640	0.336	ng/ul	99
11) Acenaphthene	14.510	153	4325	0.350	ng/ul	98
12) Fluorene	15.496	166	4913	0.360	ng/ul	98
14) Pentachlorophenol	16.849	266	1978	0.709	ng/ul	99
15) Phenanthrene	17.233	178	8270	0.355	ng/ul	99
16) Anthracene	17.326	178	7570	0.349	ng/ul	99
19) Fluoranthene	19.252	202	10589	0.356	ng/ul	99
20) Pyrene	19.615	202	11118	0.358	ng/ul	99
21) Benzo(a)anthracene	21.363	228	10533	0.377	ng/ul	99
22) Chrysene	21.416	228	10727	0.376	ng/ul	99
24) Benzo(b)fluoranthene	22.988	252	10214	0.405	ng/ul	91
25) Benzo(k)fluoranthene	23.032	252	9997	0.377	ng/ul#	92
26) Benzo(a)pyrene	23.581	252	8770	0.385	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.032	276	10582	0.351	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.048	278	8287	0.357	ng/ul	96
29) Benzo(g,h,i)perylene	26.746	276	8258	0.353	ng/ul	98

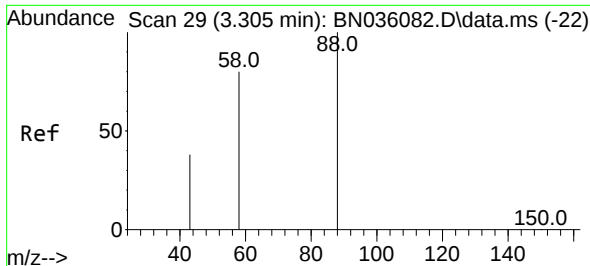
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BN036096.D
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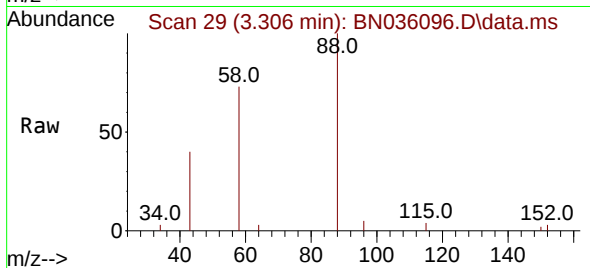
Quant Time: Jan 29 08:08:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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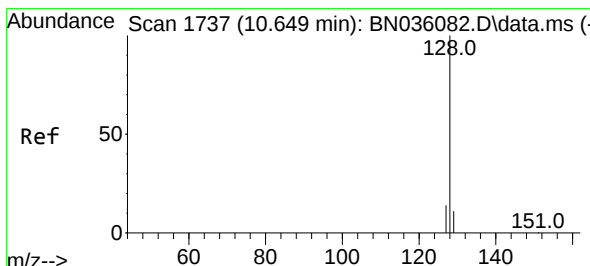
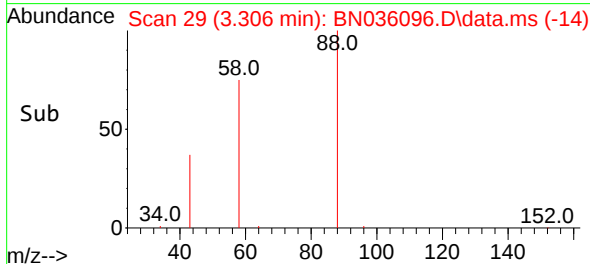
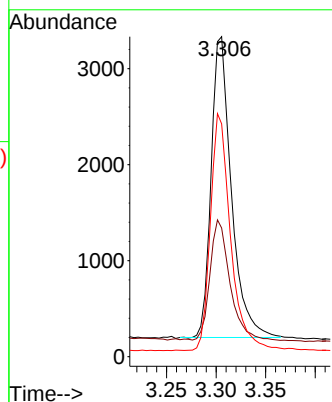


#2
1,4-Dioxane
Concen: 1.513 ng/ul
RT: 3.306 min Scan# 29
Delta R.T. -0.008 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

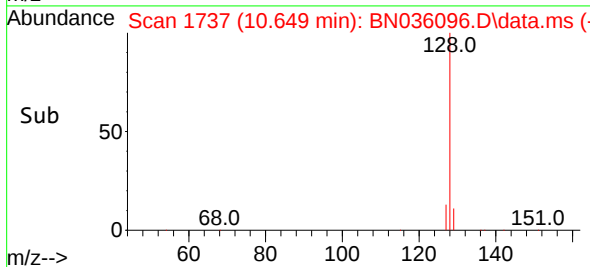
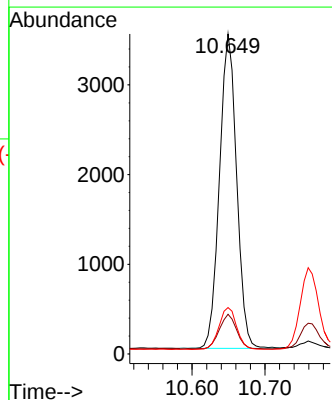
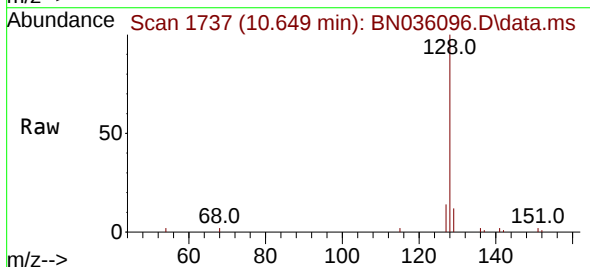


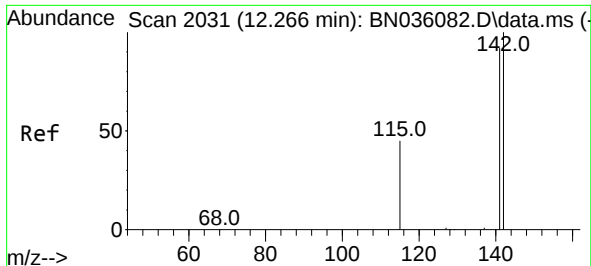
Tgt Ion: 88 Resp: 4437
Ion Ratio Lower Upper
88 100
43 40.2 40.7 61.1#
58 72.8 55.2 82.8



#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion: 128 Resp: 5742
Ion Ratio Lower Upper
128 100
129 12.4 9.6 14.4
127 14.5 12.0 18.0

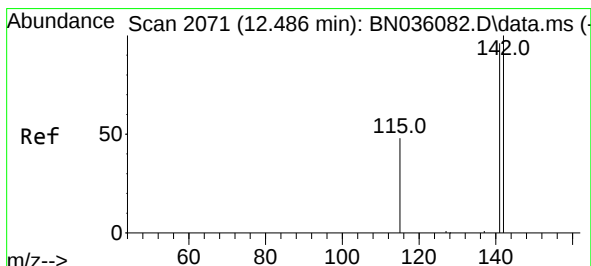
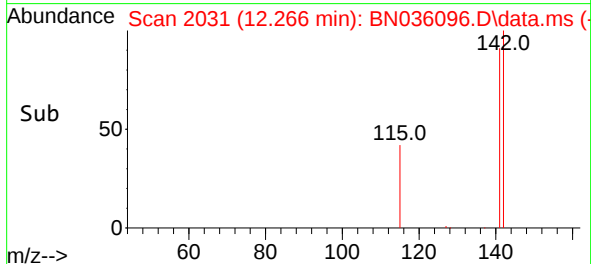
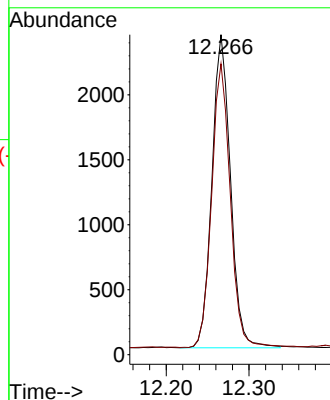
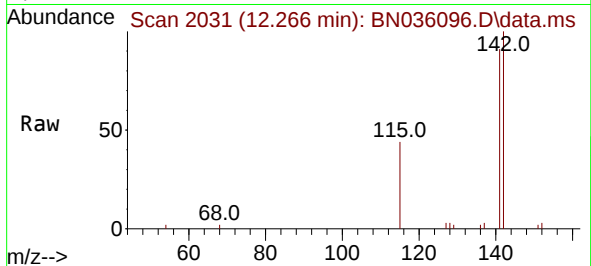




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

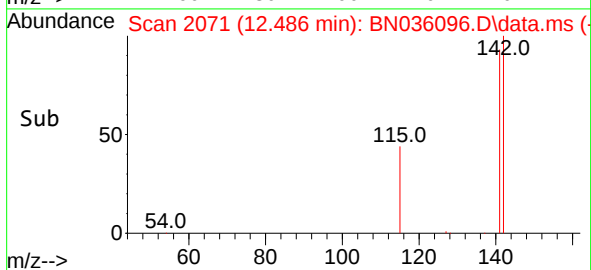
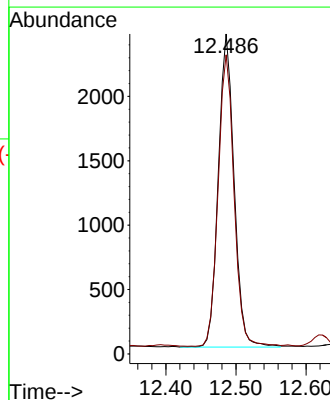
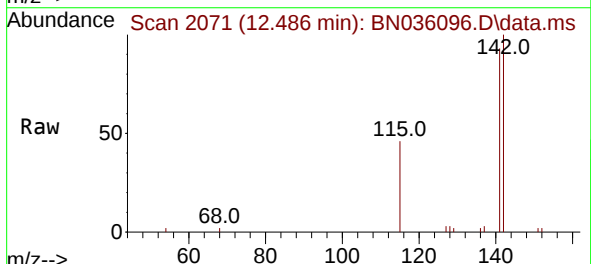
Instrument :
BNA_N
ClientSampleId :
SLCS305

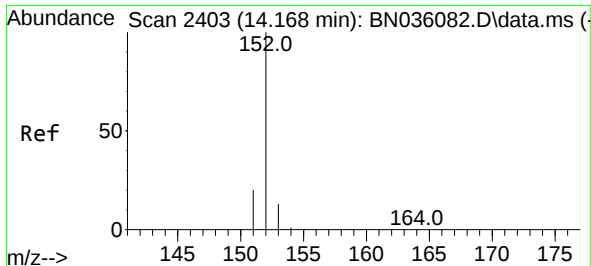
Tgt Ion:142 Resp: 3752
Ion Ratio Lower Upper
142 100
141 91.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:142 Resp: 3795
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8

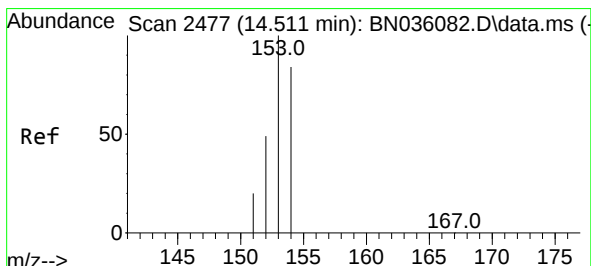
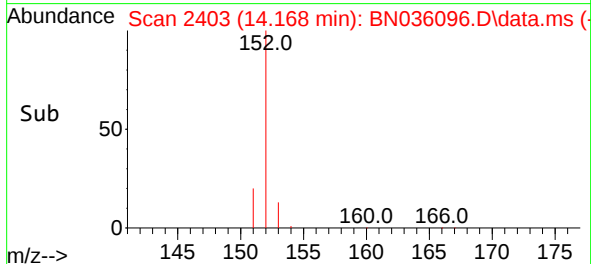
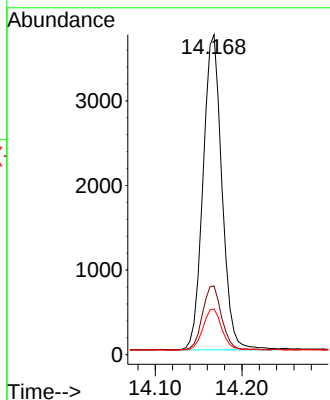
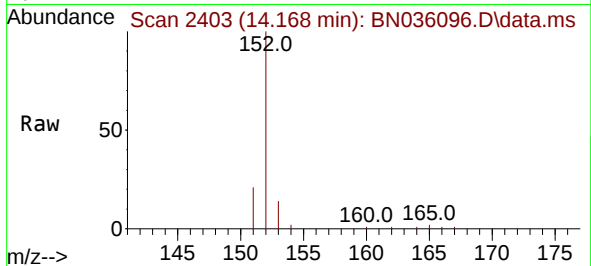




#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

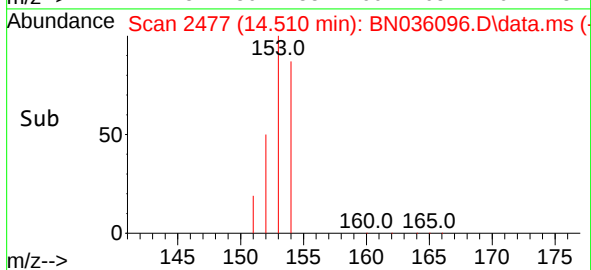
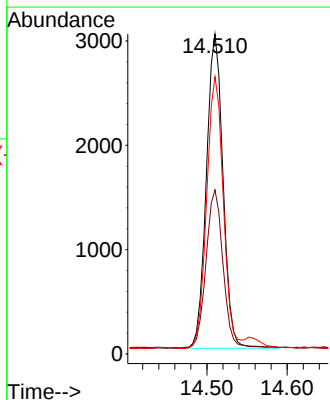
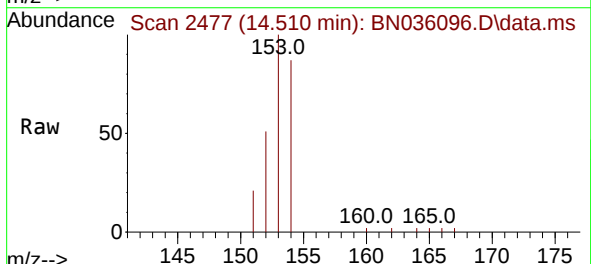
Instrument :
BNA_N
ClientSampleId :
SLCS305

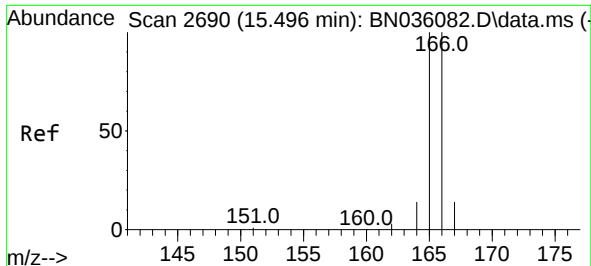
Tgt Ion:152 Resp: 5640
Ion Ratio Lower Upper
152 100
151 21.5 17.4 26.2
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:153 Resp: 4325
Ion Ratio Lower Upper
153 100
152 51.3 43.2 64.8
154 86.6 70.5 105.7

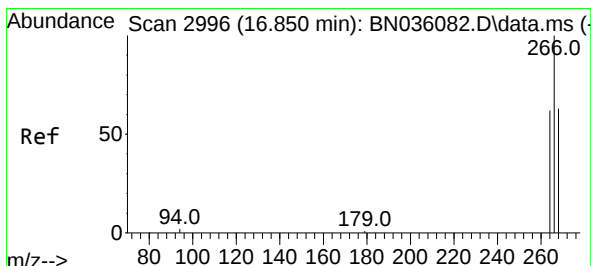
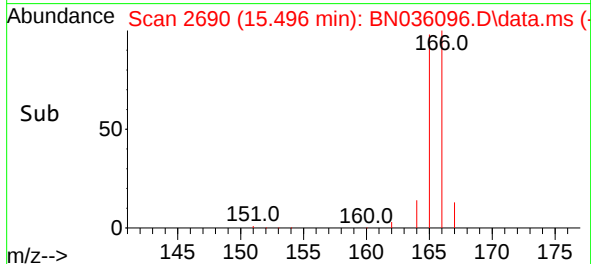
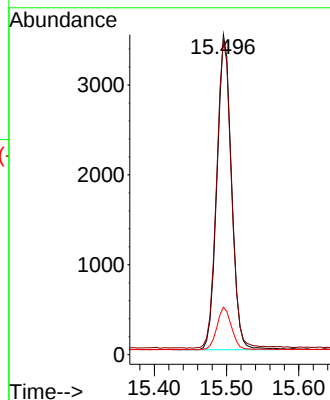
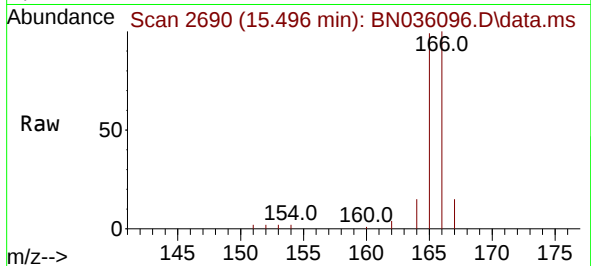




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.496 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

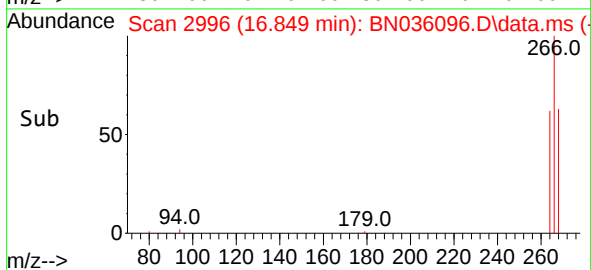
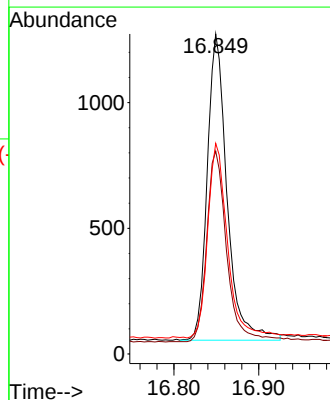
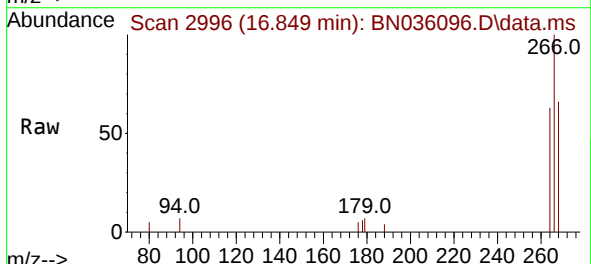
Instrument :
BNA_N
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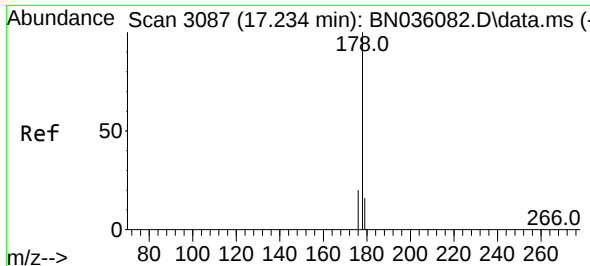
Tgt Ion:	166	Resp:	4913
Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.3	120.5
167	14.8	12.3	18.5



#14
Pentachlorophenol
Concen: 0.709 ng/ul
RT: 16.849 min Scan# 2996
Delta R.T. 0.009 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:	266	Resp:	1978
Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	63.9	50.6	75.8

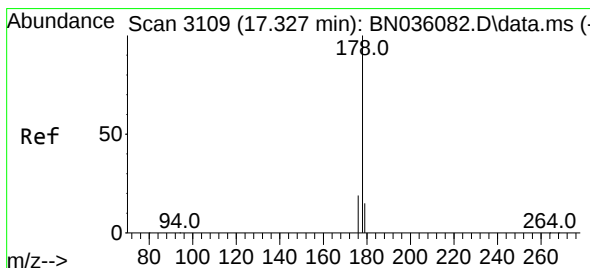
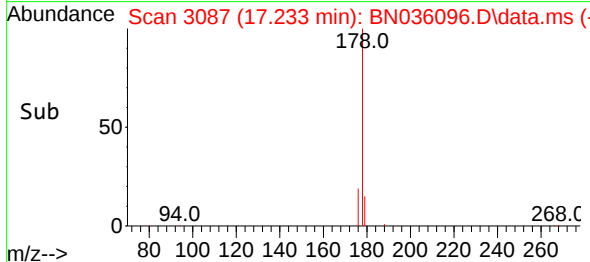
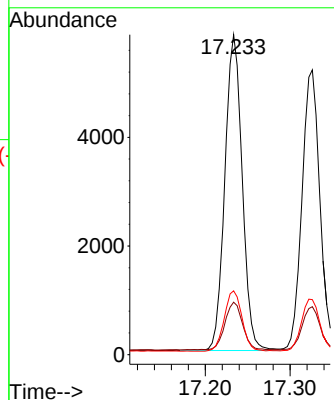
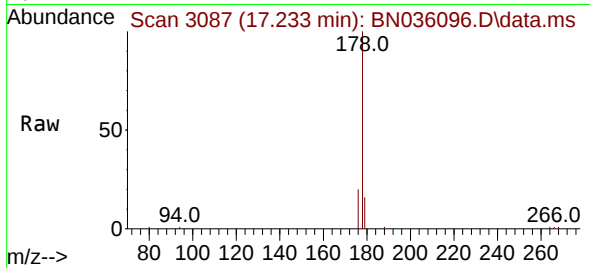




#15
Phenanthrene
Concen: 0.355 ng/u1
RT: 17.233 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

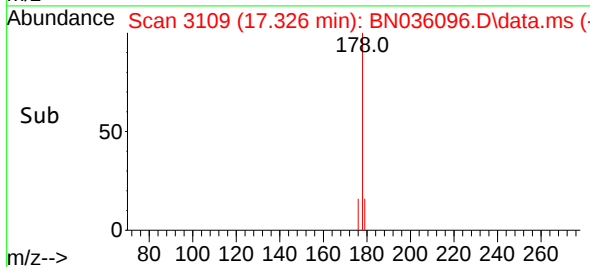
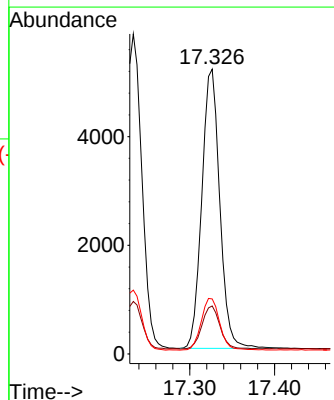
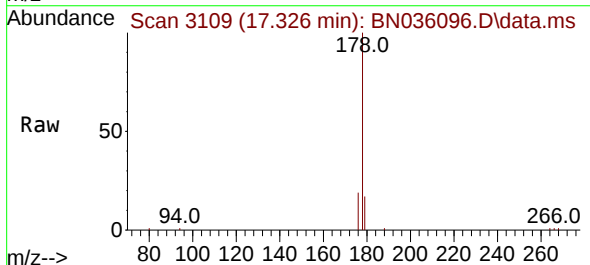
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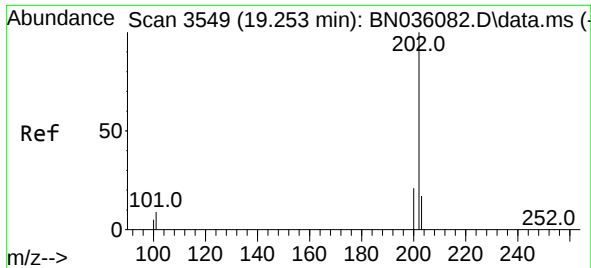
Tgt Ion:178 Resp: 8270
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 19.9 16.8 25.2



#16
Anthracene
Concen: 0.349 ng/u1
RT: 17.326 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:178 Resp: 7570
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 19.3 15.9 23.9

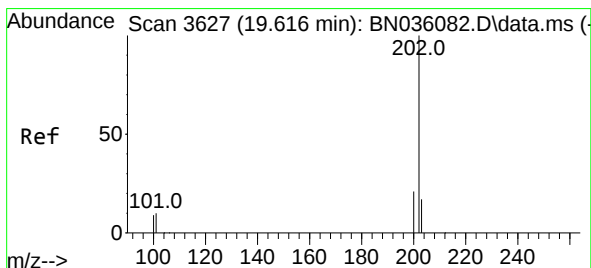
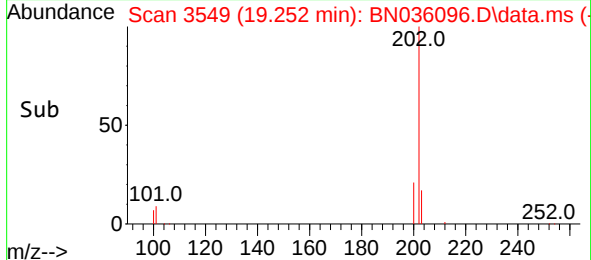
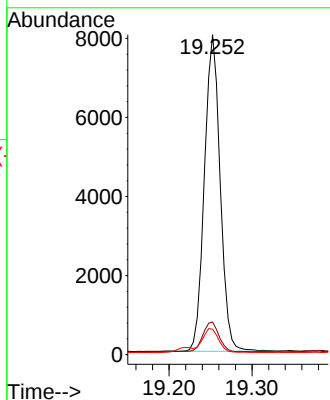
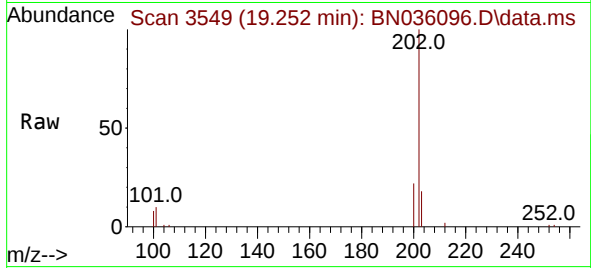




#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.252 min Scan# 3549
Delta R.T. 0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

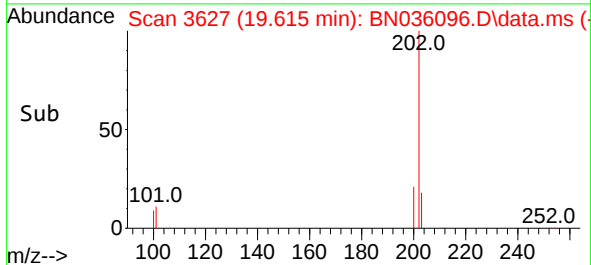
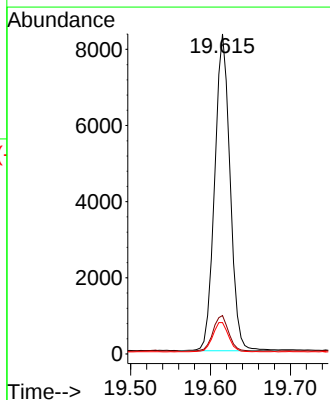
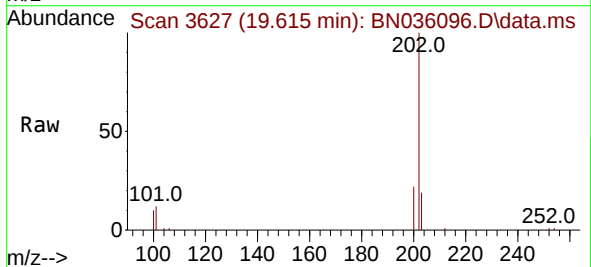
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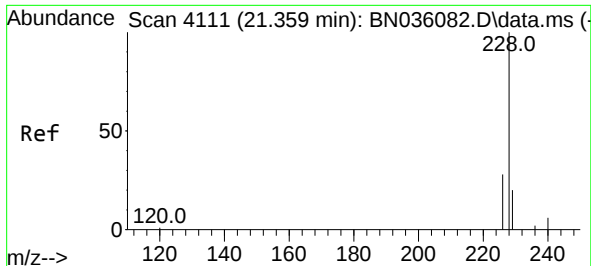
Tgt Ion:202 Resp: 10589
Ion Ratio Lower Upper
202 100
101 10.2 8.4 12.6
100 7.9 6.5 9.7



#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:202 Resp: 11118
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 9.8 7.5 11.3

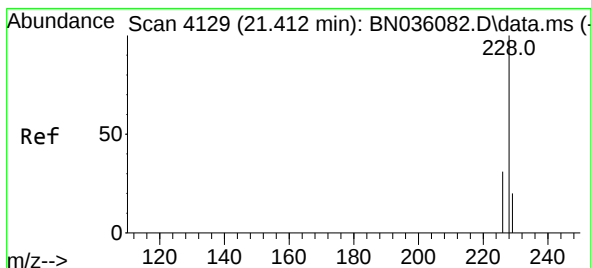
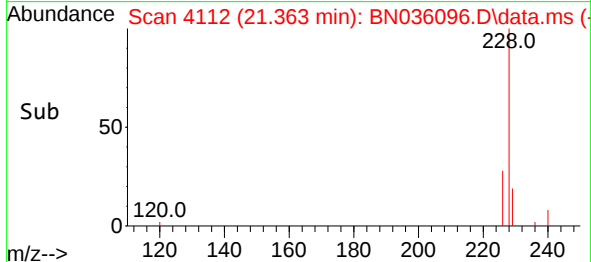
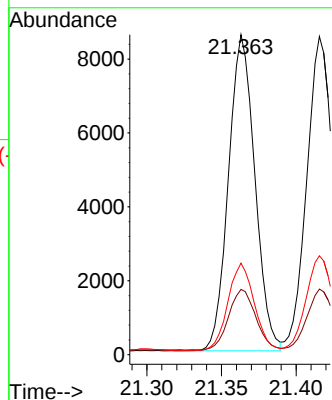
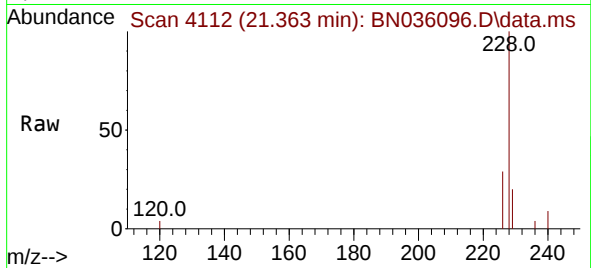




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.363 min Scan# 4111
Delta R.T. 0.009 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

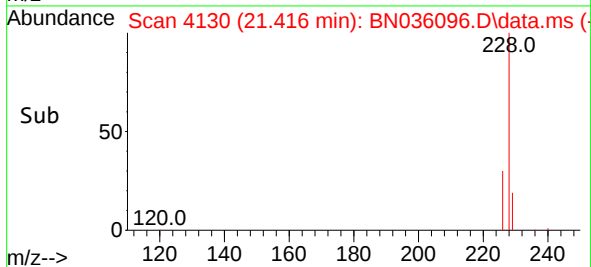
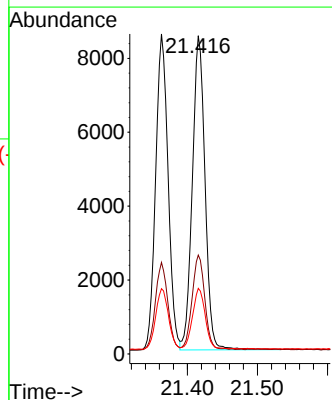
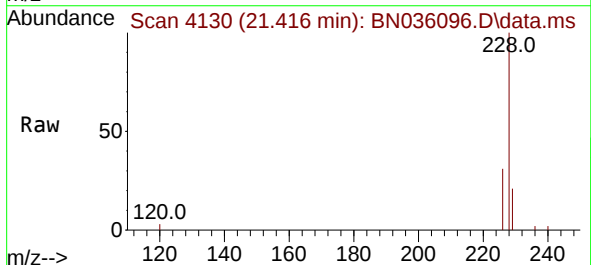
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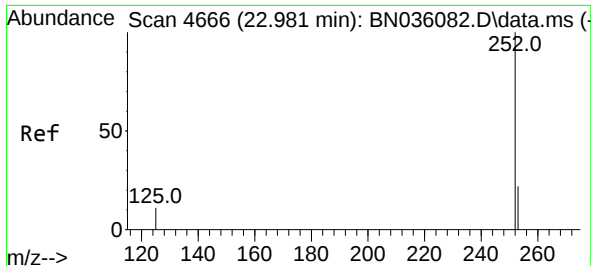
Tgt Ion:228 Resp: 10533
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.6 22.8 34.2



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.416 min Scan# 4130
Delta R.T. 0.009 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

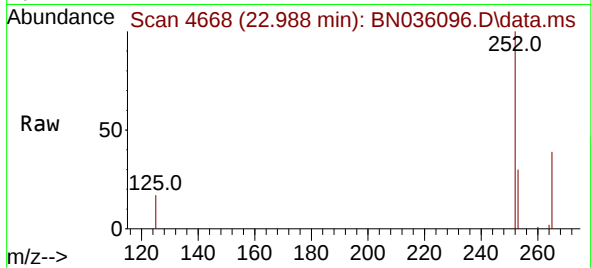
Tgt Ion:228 Resp: 10727
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 20.6 15.9 23.9



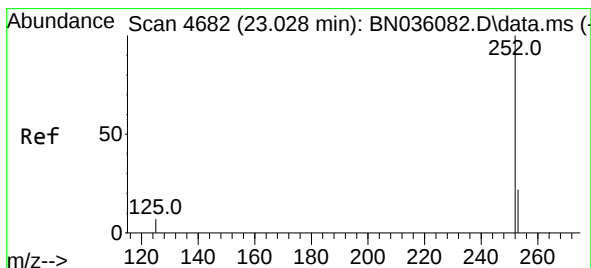
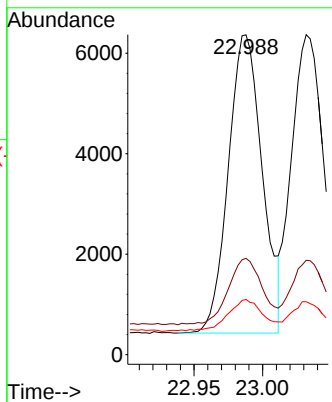


#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.988 min Scan# 4668
Delta R.T. 0.015 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

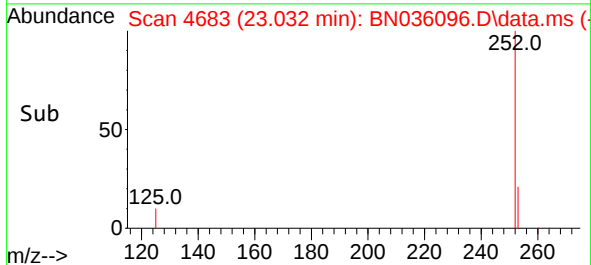
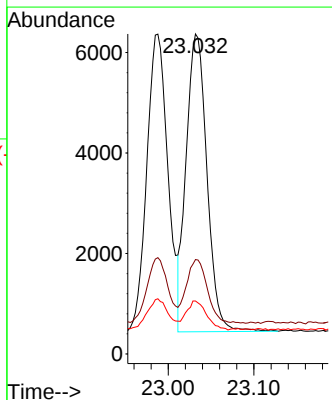
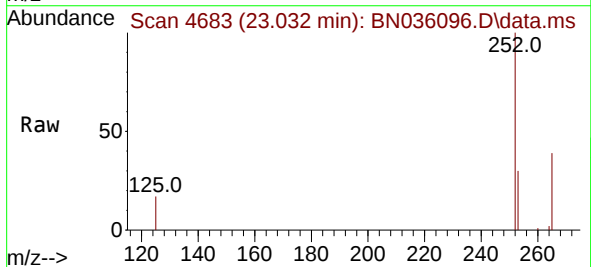


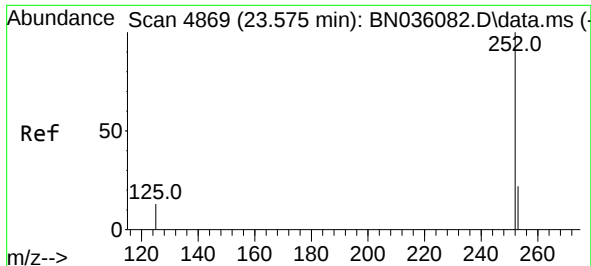
Tgt Ion:252 Resp: 10214
Ion Ratio Lower Upper
252 100
253 30.1 0.0 51.2
125 17.3 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.032 min Scan# 4683
Delta R.T. 0.012 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:252 Resp: 9997
Ion Ratio Lower Upper
252 100
253 29.5 20.2 30.4
125 16.6 10.6 16.0#

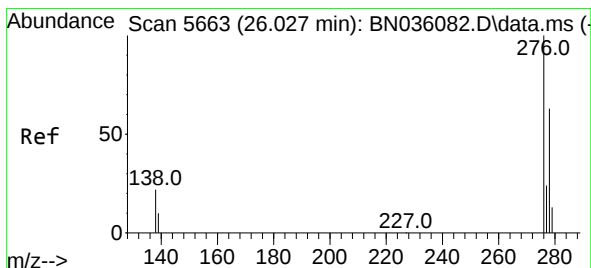
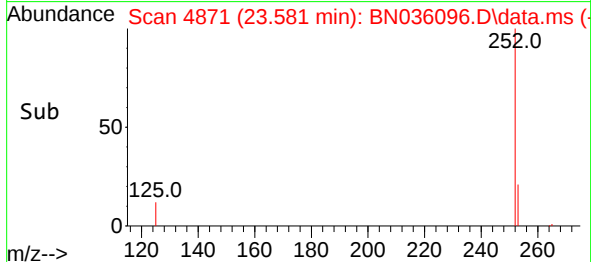
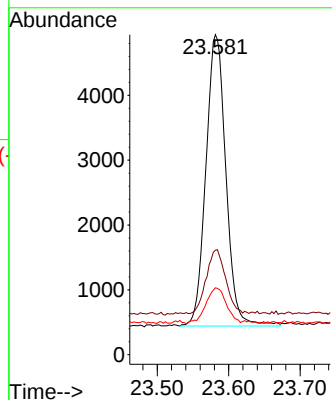
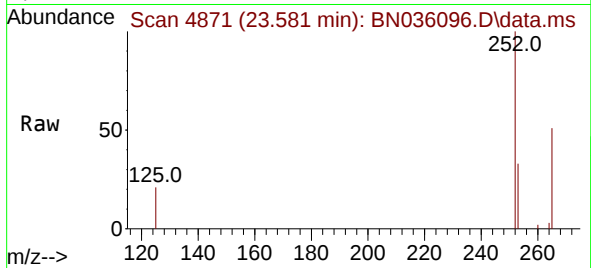




#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.581 min Scan# 4871
Delta R.T. 0.018 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

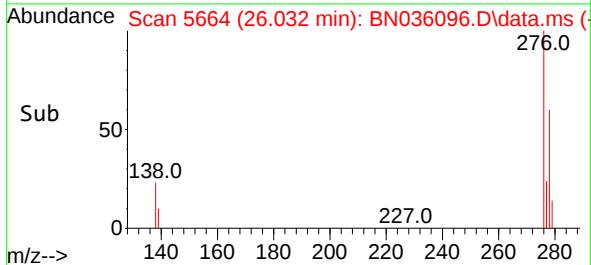
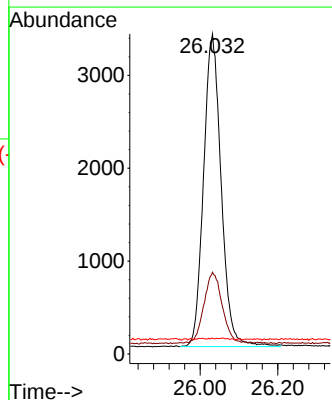
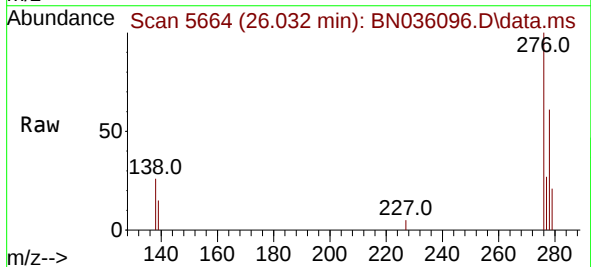
Instrument :
BNA_N
ClientSampleId :
SLCS305

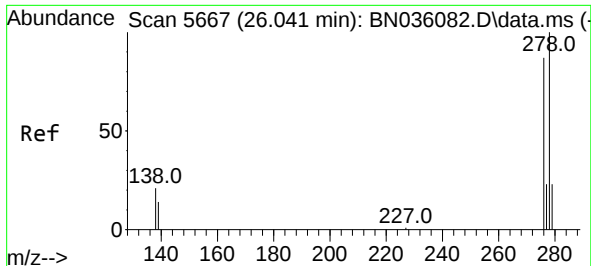
Tgt Ion:252 Resp: 8770
Ion Ratio Lower Upper
252 100
253 32.7 22.2 33.4
125 20.9 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.032 min Scan# 5664
Delta R.T. 0.027 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:276 Resp: 10582
Ion Ratio Lower Upper
276 100
138 22.9 20.2 30.4
227 0.1 0.1 0.1#

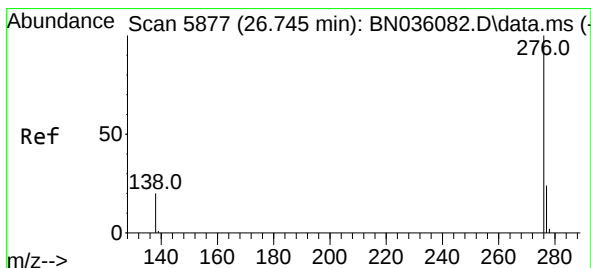
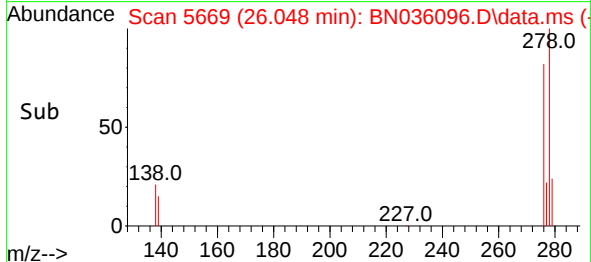
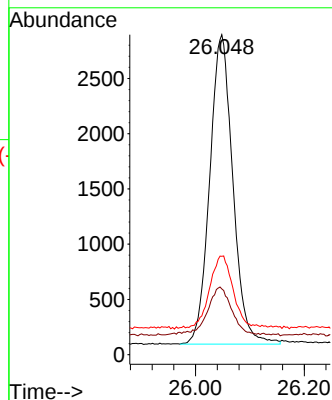
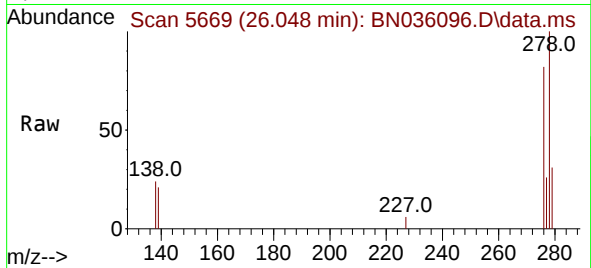




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.048 min Scan# 5669
Delta R.T. 0.027 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:278 Resp: 8287
Ion Ratio Lower Upper
278 100
139 20.5 15.4 23.2
279 30.8 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.746 min Scan# 5877
Delta R.T. 0.027 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:276 Resp: 8258
Ion Ratio Lower Upper
276 100
138 23.3 19.4 29.0
277 27.6 21.1 31.7

