

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036363.D
 Acq On : 07 Feb 2025 08:23
 Operator : RC/JU
 Sample : PB166505BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS505

Quant Time: Feb 07 08:53:24 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 : Thu Feb 06 14:44:03 2025
 Response via : Initial Calibration

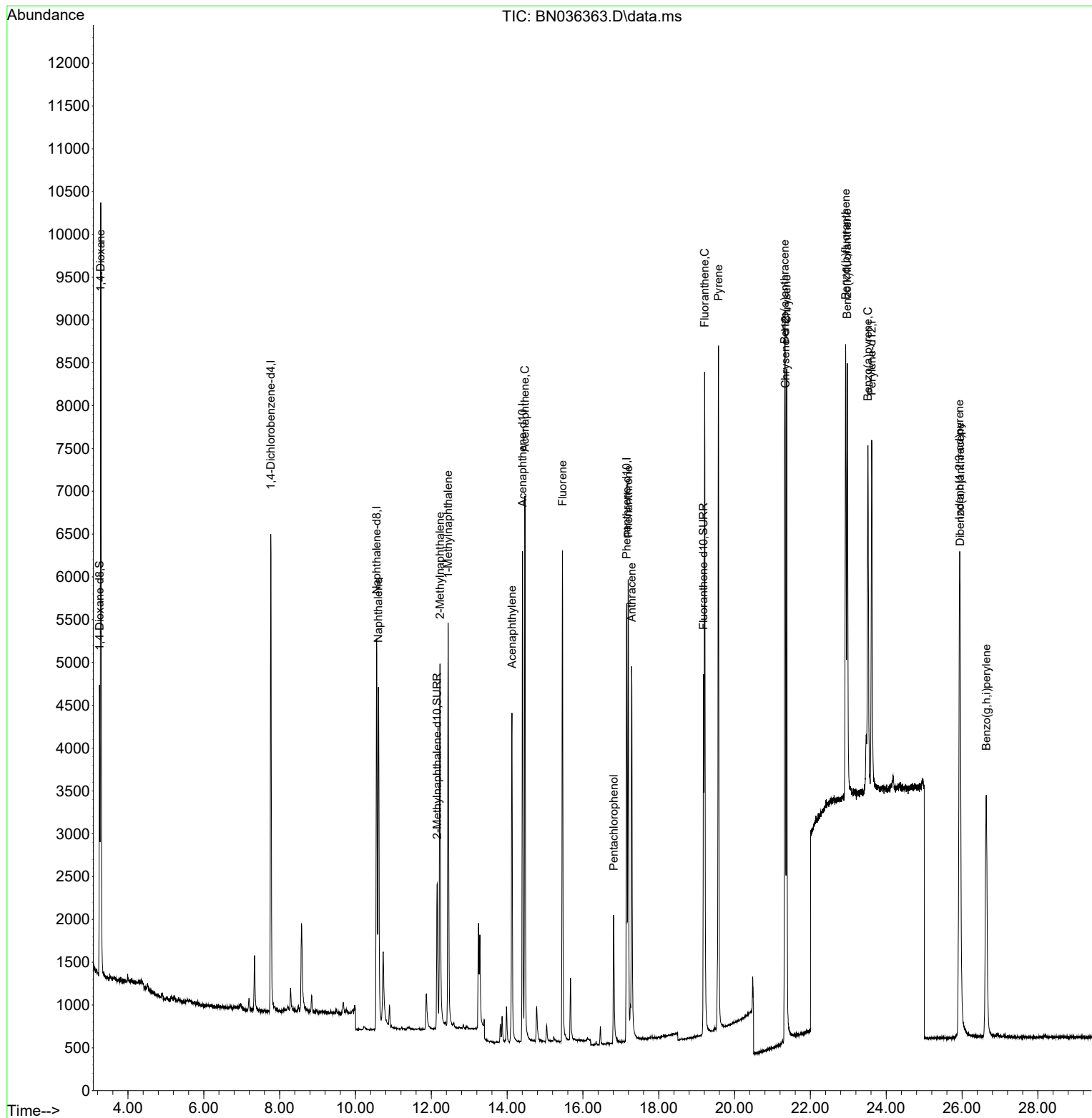
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	2969	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.557	136	6646	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.405	164	3410	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.154	188	6588	0.400	ng/ul	-0.02
17) Chrysene-d12	21.339	240	5668	0.400	ng/ul	#-0.02
23) Perylene-d12	23.619	264	5779	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	1963	0.604	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	2700	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.179	212	5053	0.324	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	5513	1.589	ng/ul	87
5) Naphthalene	10.606	128	5983	0.327	ng/ul	100
7) 2-Methylnaphthalene	12.229	142	3567	0.314	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	3648	0.316	ng/ul	100
10) Acenaphthylene	14.127	152	4729	0.294	ng/ul	99
11) Acenaphthene	14.470	153	3830	0.324	ng/ul	98
12) Fluorene	15.460	166	3991	0.305	ng/ul	100
14) Pentachlorophenol	16.812	266	1250	0.542	ng/ul	99
15) Phenanthrene	17.197	178	6169	0.320	ng/ul	99
16) Anthracene	17.285	178	5321	0.297	ng/ul	98
19) Fluoranthene	19.212	202	6926	0.322	ng/ul	95
20) Pyrene	19.574	202	7261	0.323	ng/ul#	93
21) Benzo(a)anthracene	21.321	228	6463	0.319	ng/ul	99
22) Chrysene	21.374	228	7117	0.344	ng/ul	98
24) Benzo(b)fluoranthene	22.929	252	6784	0.352	ng/ul	85
25) Benzo(k)fluoranthene	22.973	252	7111	0.351	ng/ul#	86
26) Benzo(a)pyrene	23.516	252	6034	0.346	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.934	276	7688	0.334	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.950	278	5847	0.329	ng/ul#	92
29) Benzo(g,h,i)perylene	26.638	276	6310	0.353	ng/ul#	94

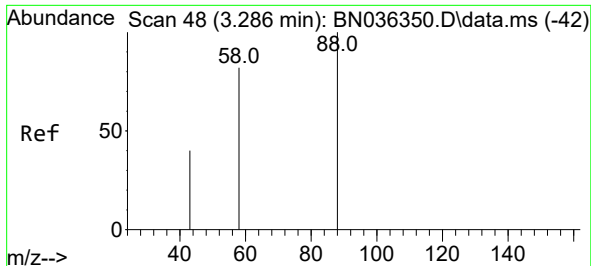
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036363.D
Acq On : 07 Feb 2025 08:23
Operator : RC/JU
Sample : PB166505BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS505

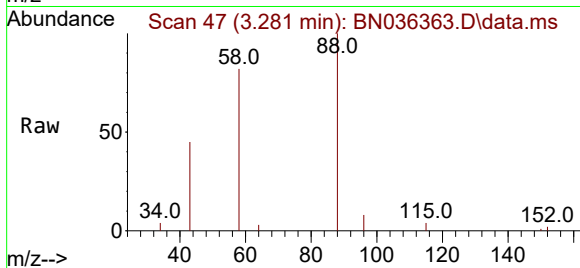
Quant Time: Feb 07 08:53:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration



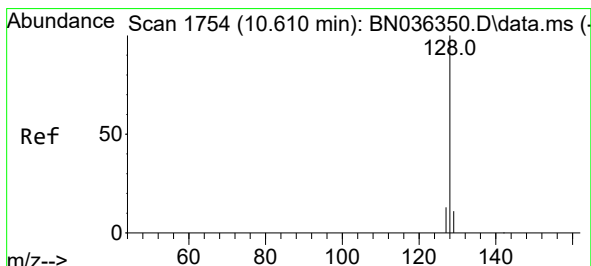
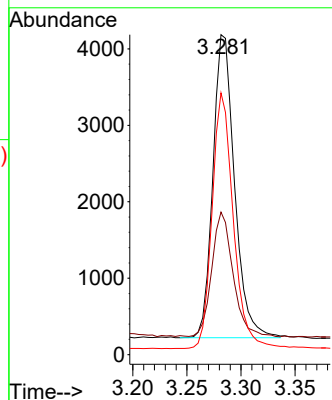
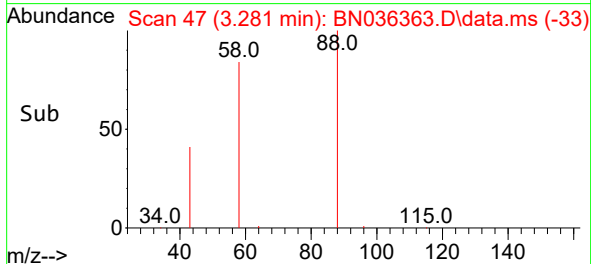


#2
 1,4-Dioxane
 Concen: 1.589 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BN036363.D
 Acq: 07 Feb 2025 08:23

Instrument :
 BNA_N
 ClientSampleId :
 SLCS505

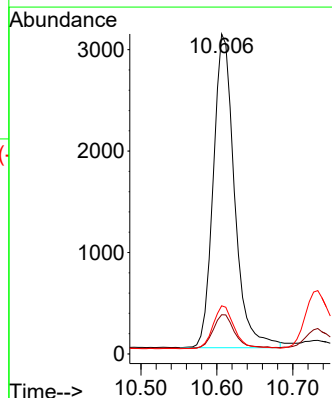
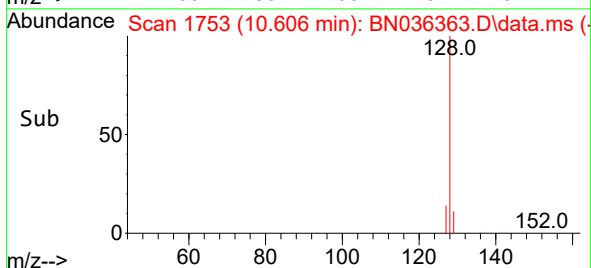
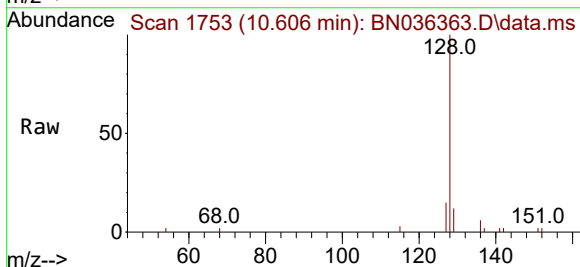


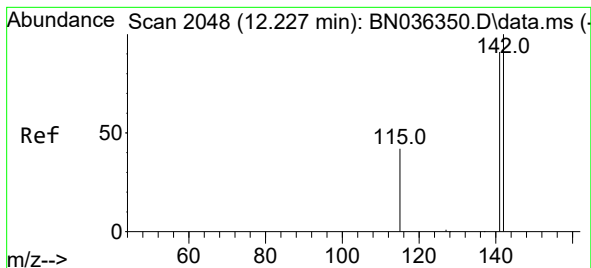
Tgt Ion:	88	Resp:	5513
Ion	Ratio	Lower	Upper
88	100		
43	44.5	40.7	61.1
58	81.8	55.2	82.8



#5
 Naphthalene
 Concen: 0.327 ng/ul
 RT: 10.606 min Scan# 1753
 Delta R.T. -0.021 min
 Lab File: BN036363.D
 Acq: 07 Feb 2025 08:23

Tgt Ion:	128	Resp:	5983
Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	15.1	12.0	18.0

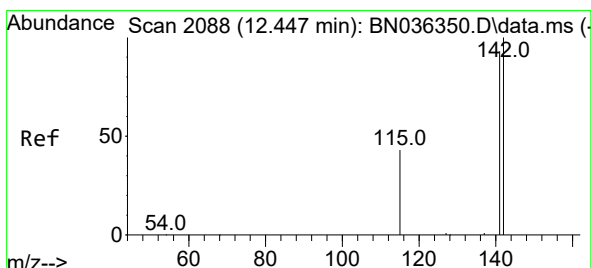
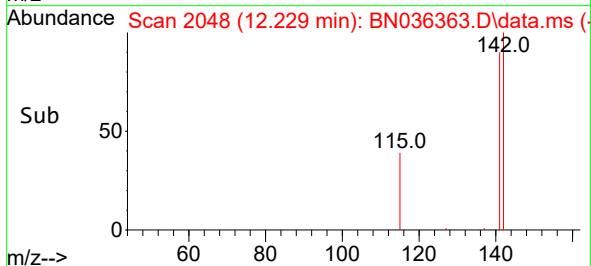
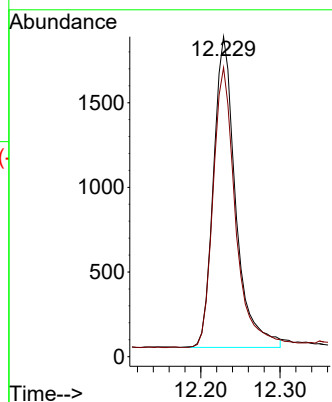
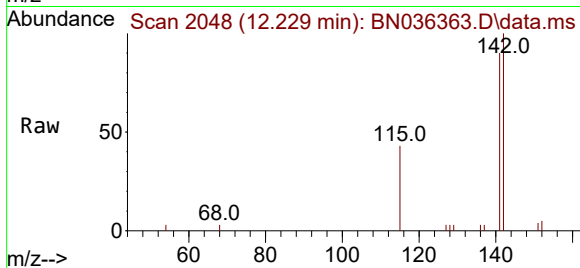




#7
2-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.229 min Scan# 2048
Delta R.T. -0.015 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

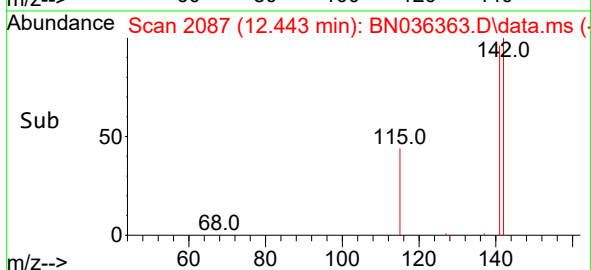
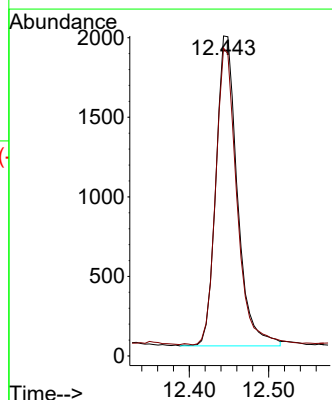
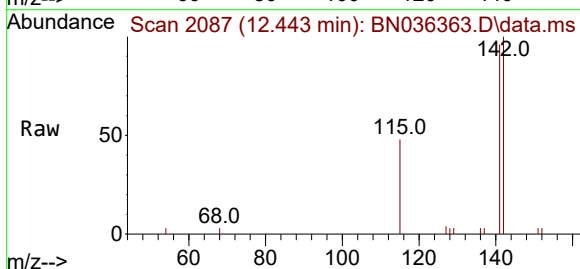
Instrument :
BNA_N
ClientSampleId :
SLCS505

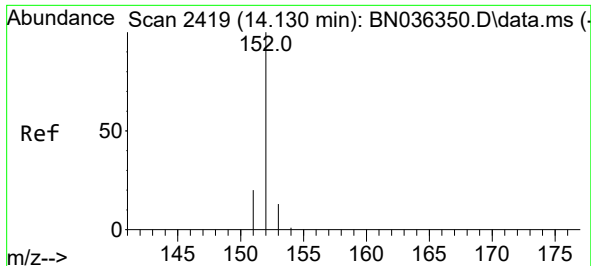
Tgt Ion:142 Resp: 3567
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.021 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:142 Resp: 3648
Ion Ratio Lower Upper
142 100
141 94.3 75.2 112.8

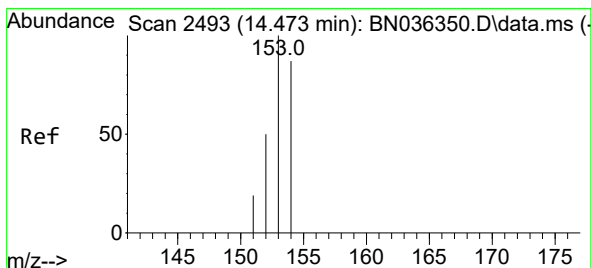
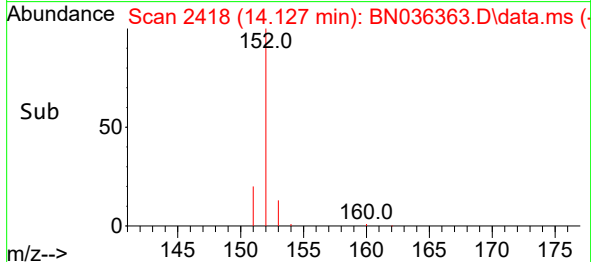
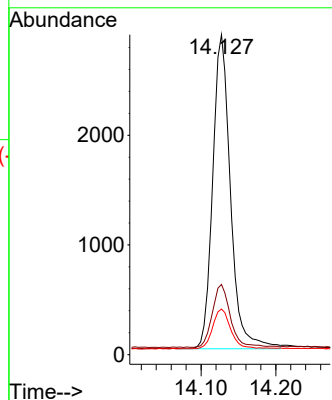
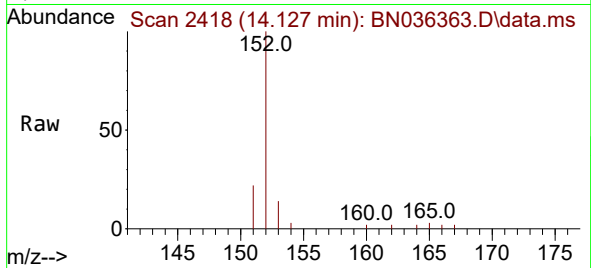




#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 14.127 min Scan# 2418
Delta R.T. -0.017 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

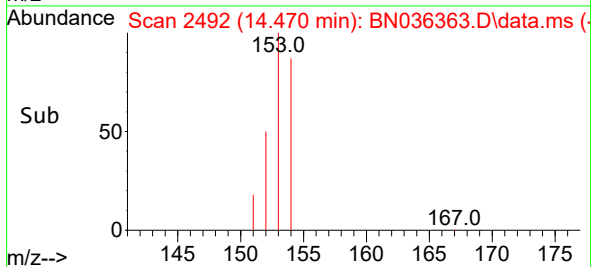
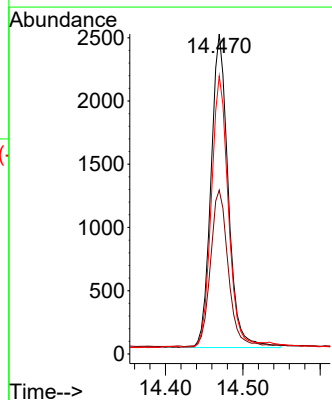
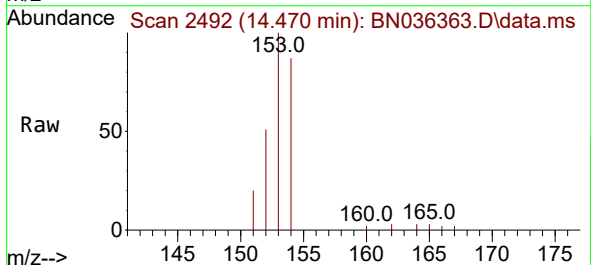
Instrument :
BNA_N
ClientSampleId :
SLCS505

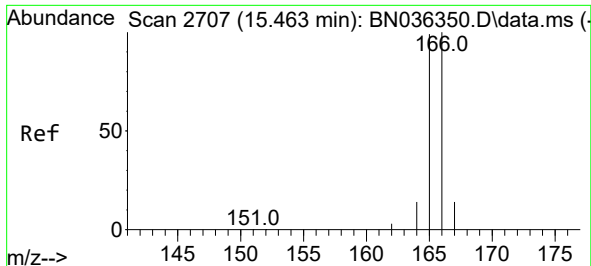
Tgt Ion:152 Resp: 4729
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 14.3 11.9 17.9



#11
Acenaphthene
Concen: 0.324 ng/ul
RT: 14.470 min Scan# 2492
Delta R.T. -0.022 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:153 Resp: 3830
Ion Ratio Lower Upper
153 100
152 51.2 43.2 64.8
154 86.9 70.5 105.7

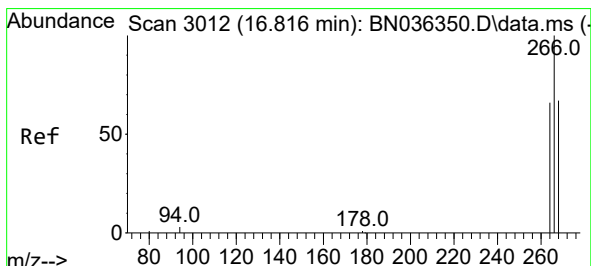
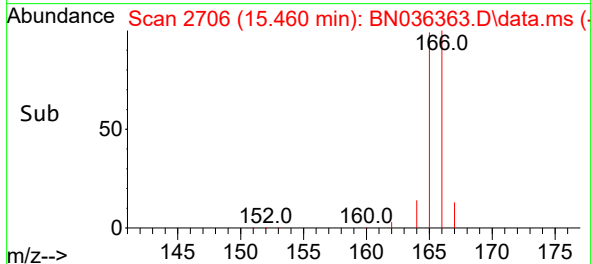
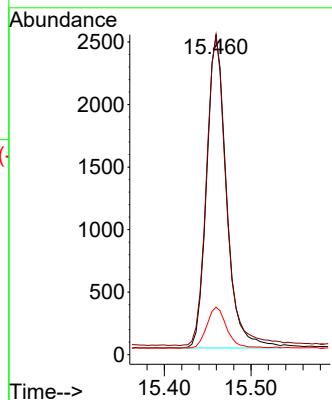
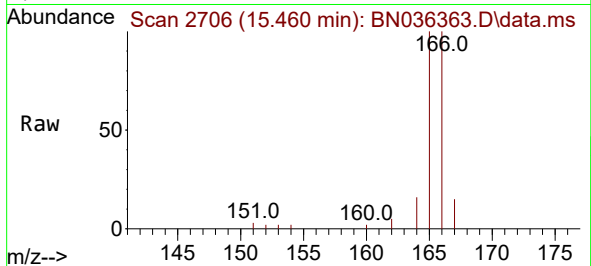




#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.460 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

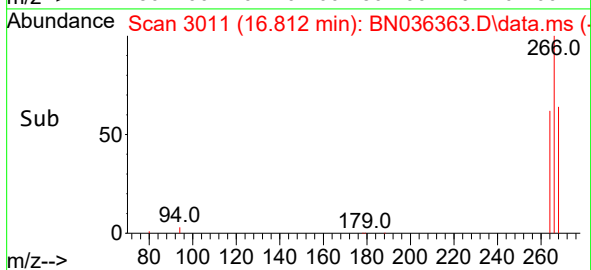
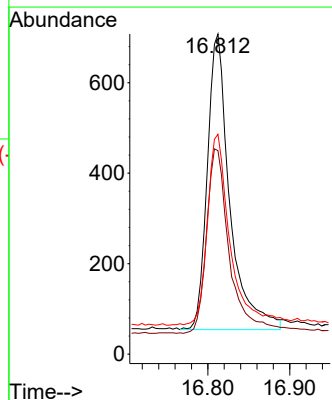
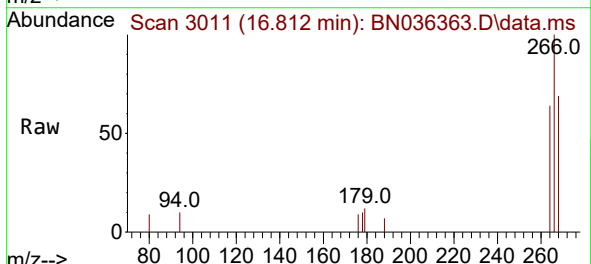
Instrument :
BNA_N
ClientSampleId :
SLCS505

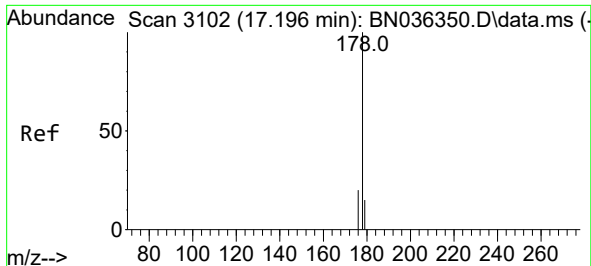
Tgt Ion:166 Resp: 3991
Ion Ratio Lower Upper
166 100
165 100.4 80.3 120.5
167 14.9 12.3 18.5



#14
Pentachlorophenol
Concen: 0.542 ng/ul
RT: 16.812 min Scan# 3011
Delta R.T. -0.016 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:266 Resp: 1250
Ion Ratio Lower Upper
266 100
264 63.4 50.6 75.8
268 65.2 50.6 75.8

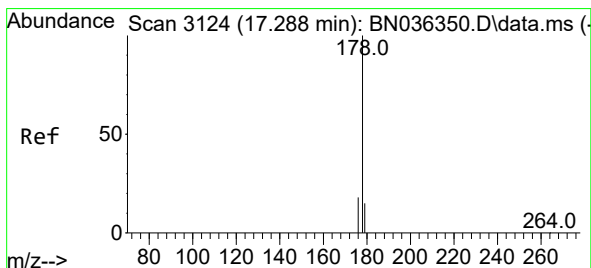
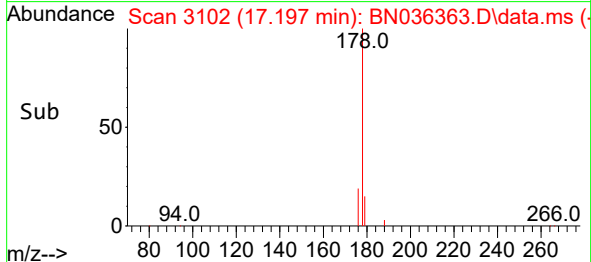
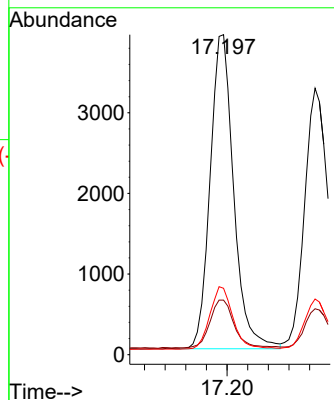
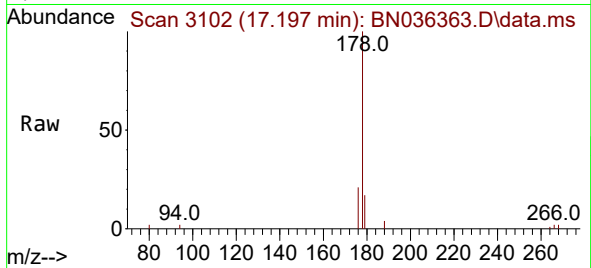




#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.197 min Scan# 3102
Delta R.T. -0.016 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

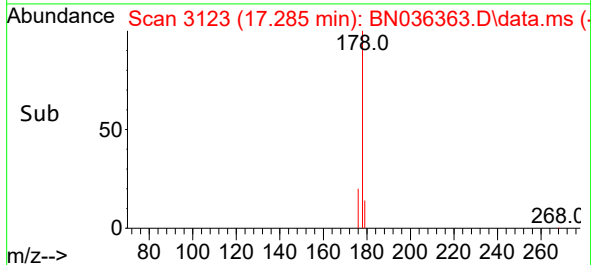
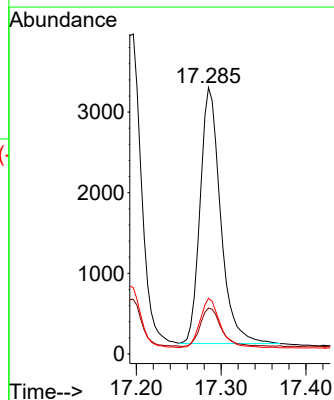
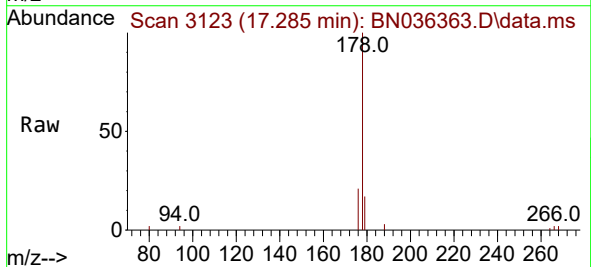
Instrument :
BNA_N
ClientSampleId :
SLCS505

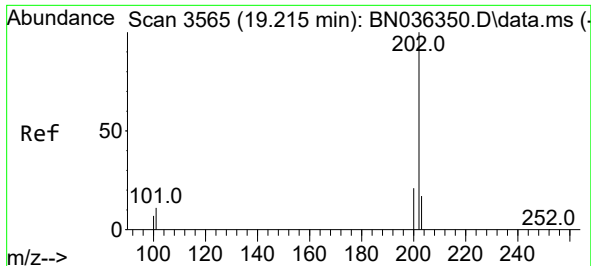
Tgt Ion:178 Resp: 6169
Ion Ratio Lower Upper
178 100
179 17.1 13.2 19.8
176 20.8 16.8 25.2



#16
Anthracene
Concen: 0.297 ng/ul
RT: 17.285 min Scan# 3123
Delta R.T. -0.020 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:178 Resp: 5321
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 20.9 15.9 23.9

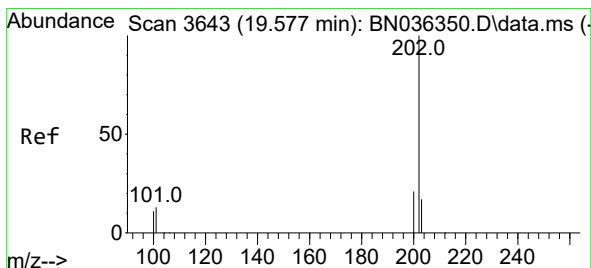
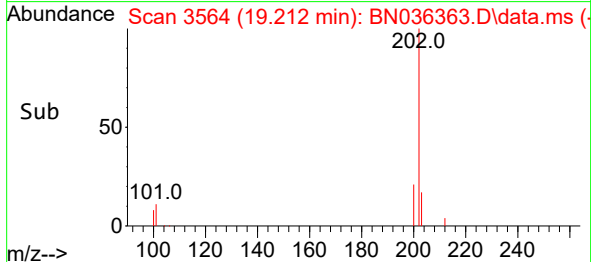
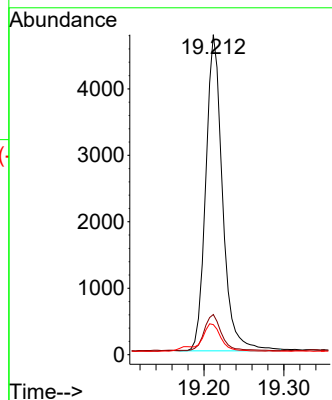
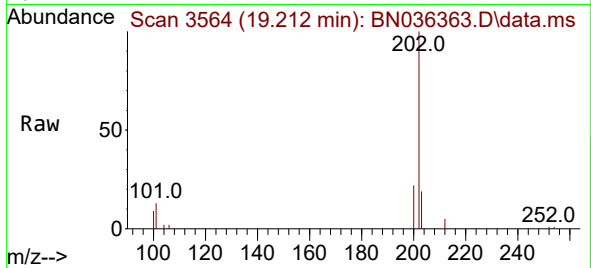




#19
Fluoranthene
Concen: 0.322 ng/ul
RT: 19.212 min Scan# 3565
Delta R.T. -0.022 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

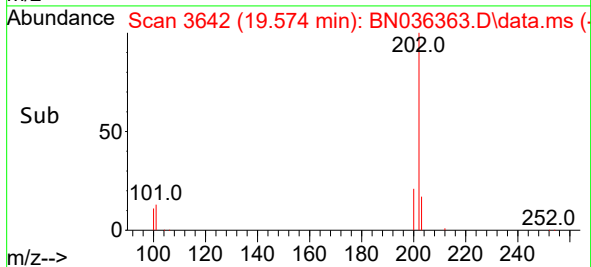
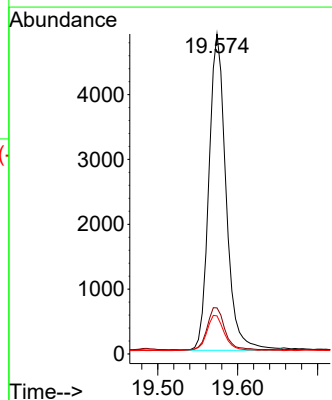
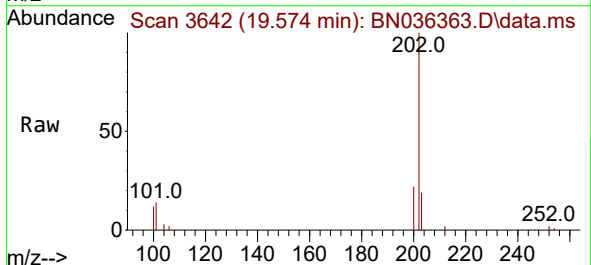
Instrument :
BNA_N
ClientSampleId :
SLCS505

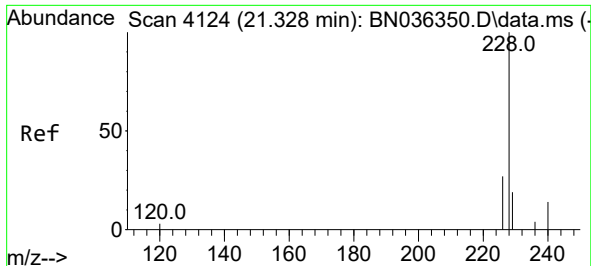
Tgt Ion:202 Resp: 6926
Ion Ratio Lower Upper
202 100
101 12.6 8.4 12.6
100 9.4 6.5 9.7



#20
Pyrene
Concen: 0.323 ng/ul
RT: 19.574 min Scan# 3642
Delta R.T. -0.022 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

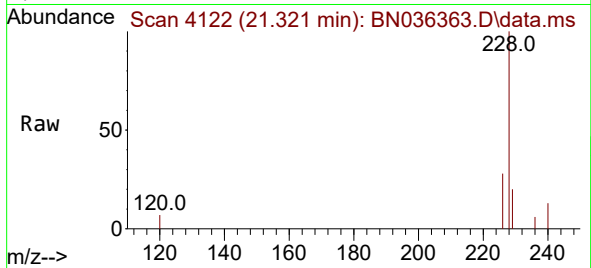
Tgt Ion:202 Resp: 7261
Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 11.9 7.5 11.3#



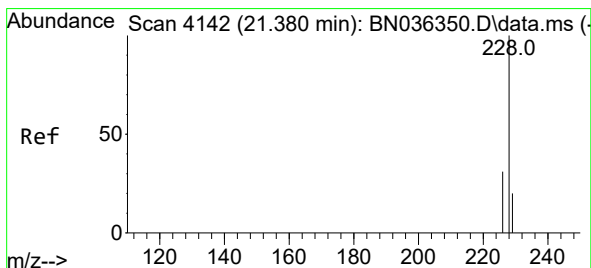
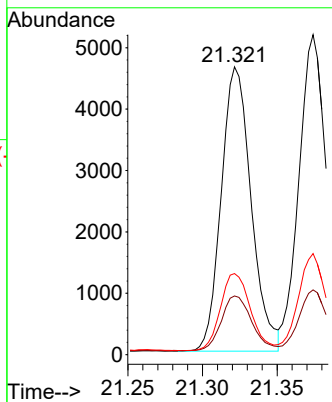
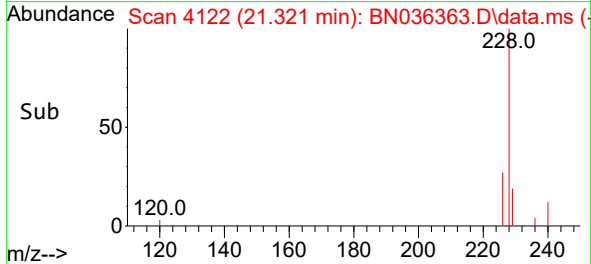


#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.321 min Scan# 4112
Delta R.T. -0.024 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Instrument :
BNA_N
ClientSampleId :
SLCS505

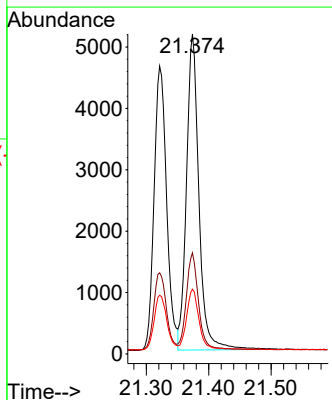
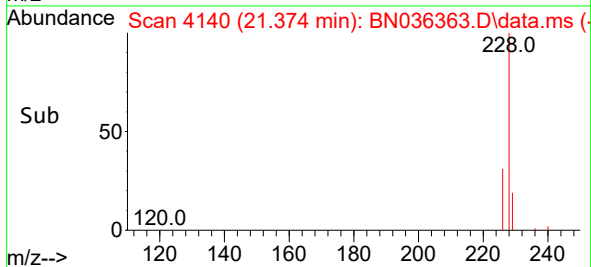
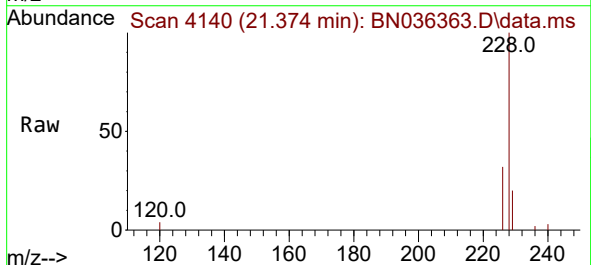


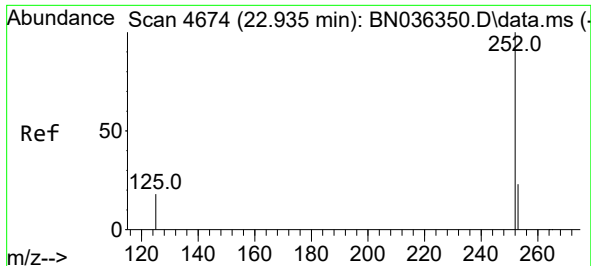
Tgt Ion:228 Resp: 6463
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.2 22.8 34.2



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.374 min Scan# 4140
Delta R.T. -0.024 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:228 Resp: 7117
Ion Ratio Lower Upper
228 100
226 31.6 24.4 36.6
229 20.3 15.9 23.9

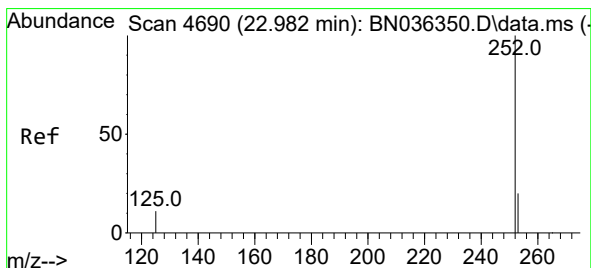
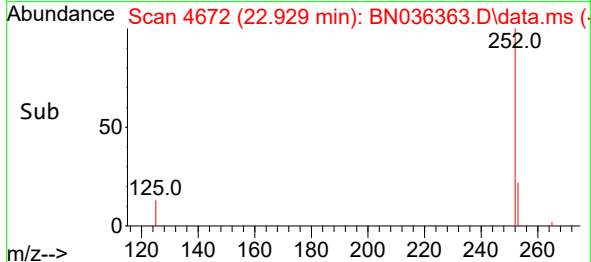
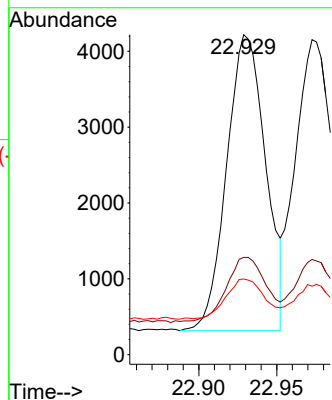
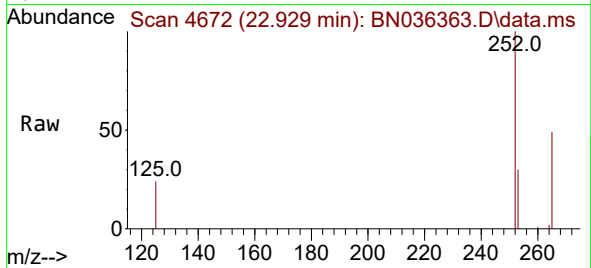




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 22.929 min Scan# 4672
Delta R.T. -0.033 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

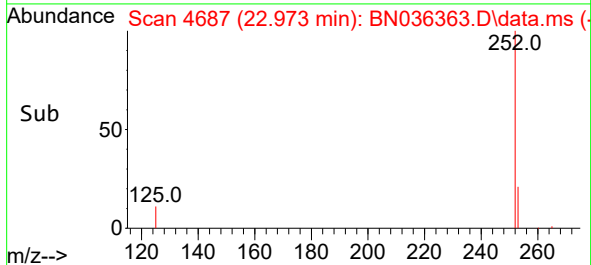
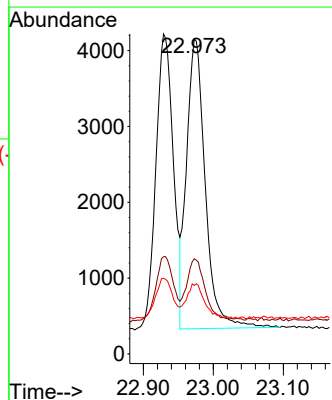
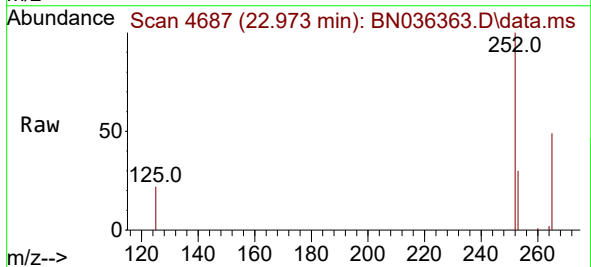
Instrument :
BNA_N
ClientSampleId :
SLCS505

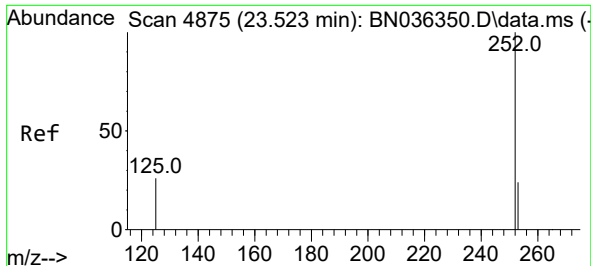
Tgt Ion:252 Resp: 6784
Ion Ratio Lower Upper
252 100
253 30.4 0.0 51.2
125 23.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 22.973 min Scan# 4687
Delta R.T. -0.036 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:252 Resp: 7111
Ion Ratio Lower Upper
252 100
253 30.2 20.2 30.4
125 21.7 10.6 16.0#

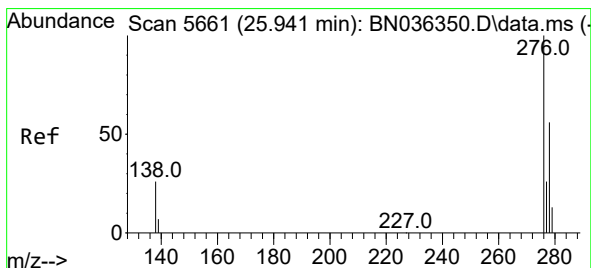
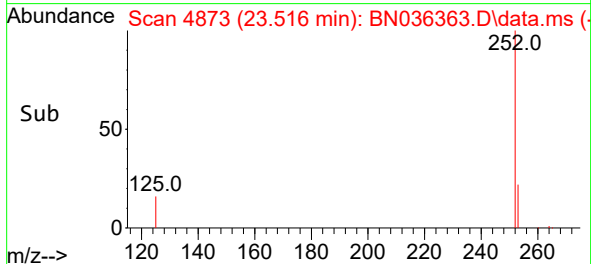
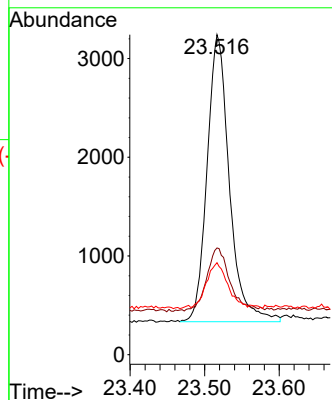
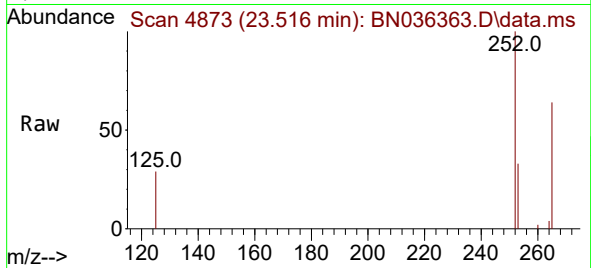




#26
Benzo(a)pyrene
Concen: 0.346 ng/ul
RT: 23.516 min Scan# 4875
Delta R.T. -0.039 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

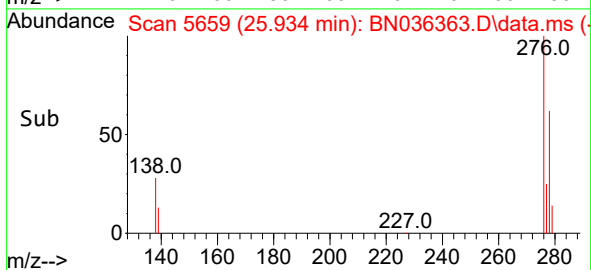
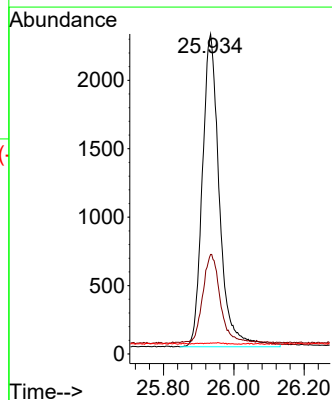
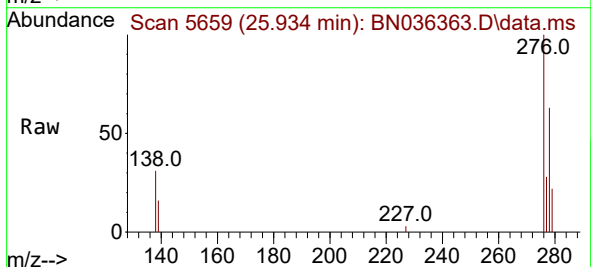
Instrument :
BNA_N
ClientSampleId :
SLCS505

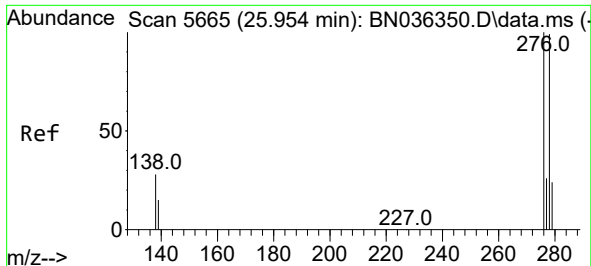
Tgt Ion:252 Resp: 6034
Ion Ratio Lower Upper
252 100
253 33.4 22.2 33.4#
125 28.7 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.334 ng/ul
RT: 25.934 min Scan# 5659
Delta R.T. -0.054 min
Lab File: BN036363.D
Acq: 07 Feb 2025 08:23

Tgt Ion:276 Resp: 7688
Ion Ratio Lower Upper
276 100
138 28.4 20.2 30.4
227 0.0 0.1 0.1#

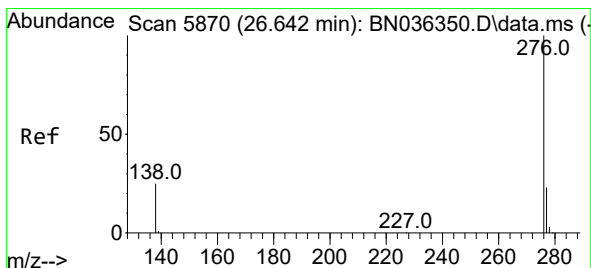
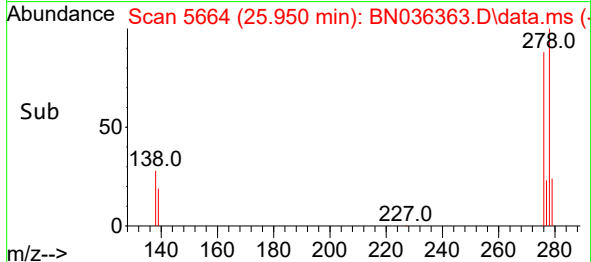
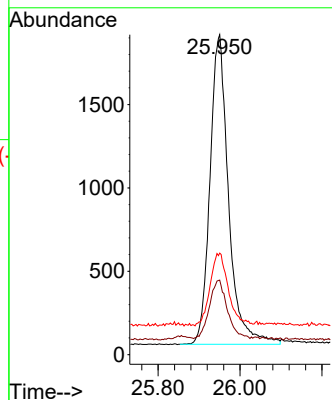
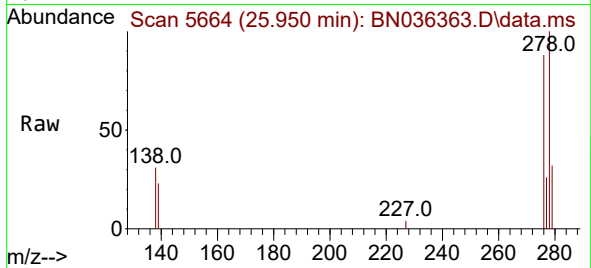




#28
 Dibenzo(a,h)anthracene
 Concen: 0.329 ng/ul
 RT: 25.950 min Scan# 5665
 Delta R.T. -0.048 min
 Lab File: BN036363.D
 Acq: 07 Feb 2025 08:23

Instrument :
 BNA_N
 ClientSampleId :
 SLCS505

Tgt Ion:278 Resp: 5847
 Ion Ratio Lower Upper
 278 100
 139 23.3 15.4 23.2#
 279 31.7 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.353 ng/ul
 RT: 26.638 min Scan# 5869
 Delta R.T. -0.064 min
 Lab File: BN036363.D
 Acq: 07 Feb 2025 08:23

Tgt Ion:276 Resp: 6310
 Ion Ratio Lower Upper
 276 100
 138 29.6 19.4 29.0#
 277 27.1 21.1 31.7

