

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030205.D
 Acq On : 03 Mar 2024 06:09
 Operator : MA/JU
 Sample : PB159249BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS249

Quant Time: Mar 03 22:50:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 02 16:09:30 2024
 Response via : Initial Calibration

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

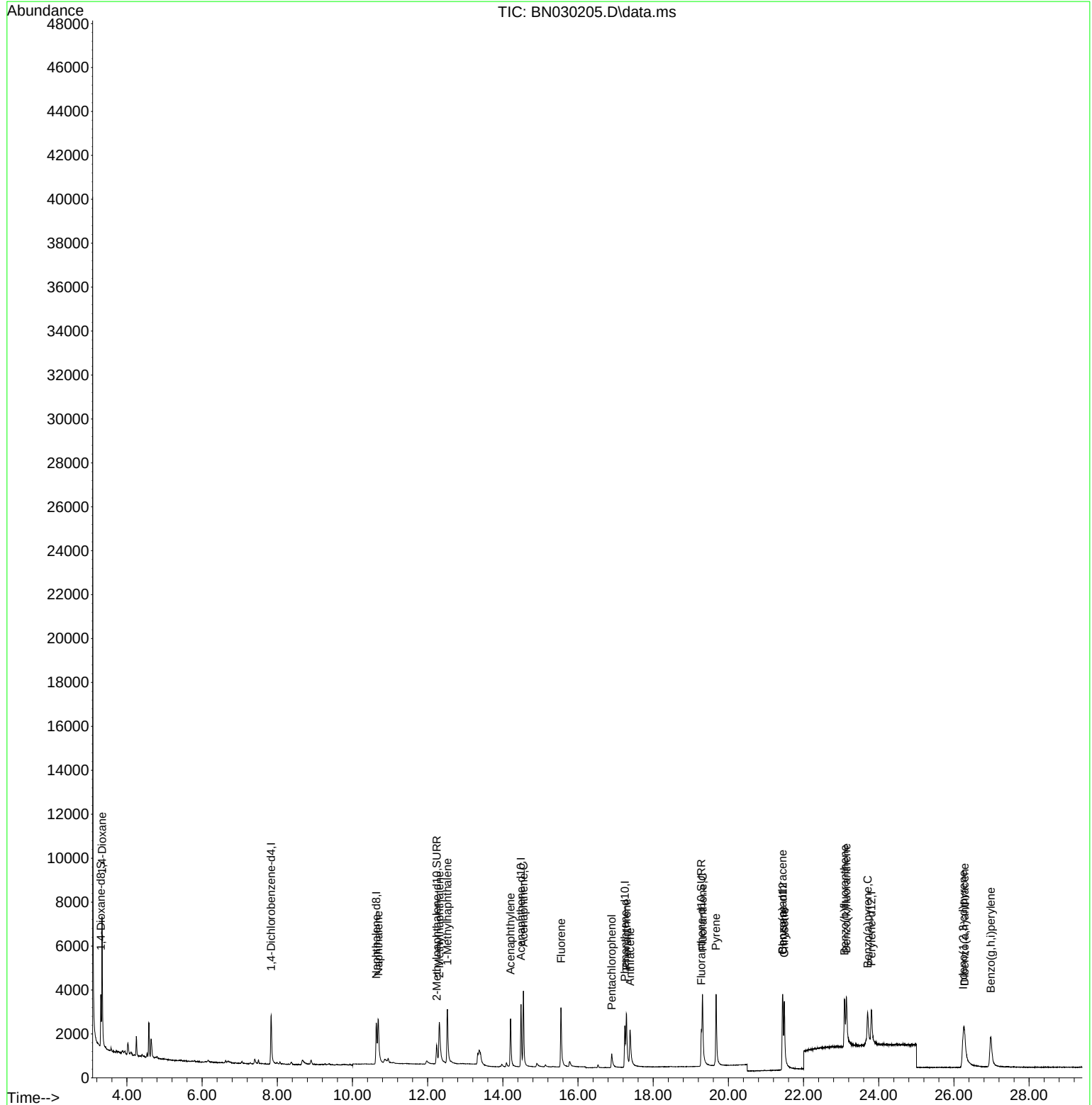
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	1596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	4261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	1939	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	3337	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	2538	0.400	ng/ul	0.00
23) Perylene-d12	23.806	264	2679	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.307	96	1492	0.675	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.240	152	1824	0.331	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	3042	0.368	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	4254	1.774	ng/ul#	86
5) Naphthalene	10.689	128	4079	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.311	142	2117	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.526	142	2286	0.316	ng/ul	98
10) Acenaphthylene	14.206	152	3463	0.319	ng/ul	96
11) Acenaphthene	14.548	153	2559	0.322	ng/ul	96
12) Fluorene	15.547	166	2580	0.318	ng/ul	95
14) Pentachlorophenol	16.897	266	725	0.761	ng/ul	99
15) Phenanthrene	17.289	178	3603	0.322	ng/ul	98
16) Anthracene	17.387	178	3183	0.323	ng/ul	98
19) Fluoranthene	19.314	202	3906	0.346	ng/ul	99
20) Pyrene	19.672	202	4245	0.346	ng/ul	99
21) Benzo(a)anthracene	21.438	228	2974	0.332	ng/ul	98
22) Chrysene	21.488	228	3579	0.332	ng/ul	97
24) Benzo(b)fluoranthene	23.090	252	3531	0.342	ng/ul	95
25) Benzo(k)fluoranthene	23.139	252	4033	0.331	ng/ul	96
26) Benzo(a)pyrene	23.704	252	3514	0.334	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.246	276	4553	0.339	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.282	278	3546	0.341	ng/ul	97
29) Benzo(g,h,i)perylene	26.980	276	4157	0.334	ng/ul	97

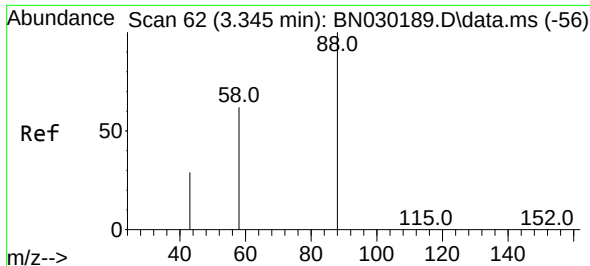
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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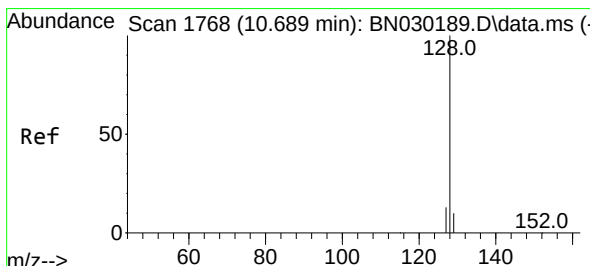
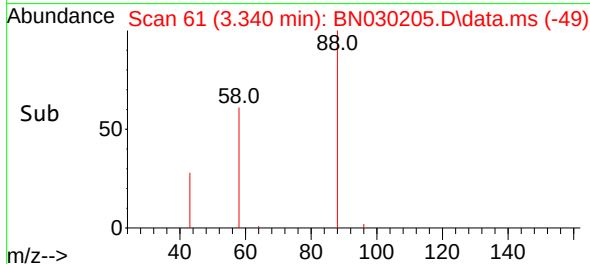
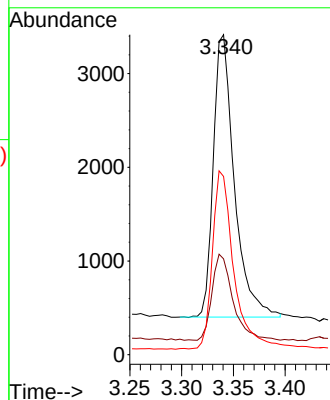
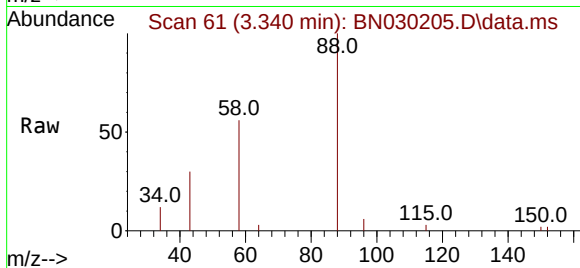




#2
 1,4-Dioxane
 Concen: 1.774 ng/ul
 RT: 3.340 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030205.D
 Acq: 03 Mar 2024 06:09

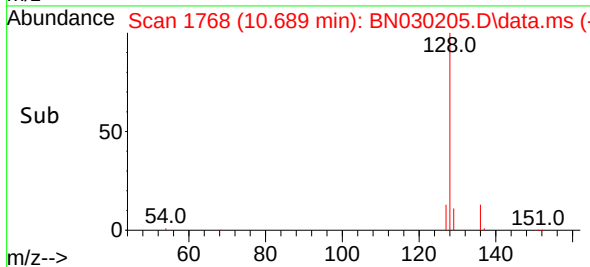
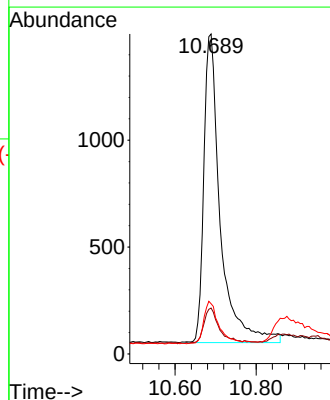
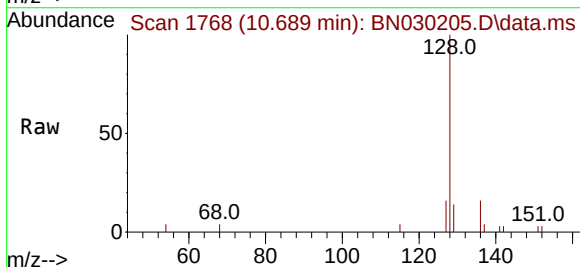
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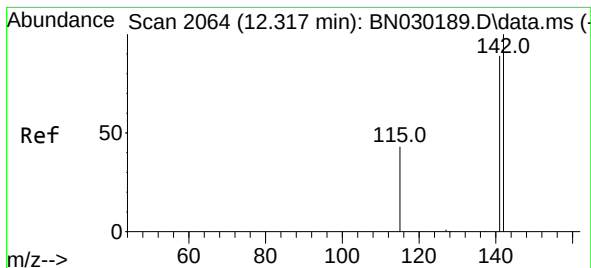
Tgt Ion: 88 Resp: 4254
 Ion Ratio Lower Upper
 88 100
 43 30.0 25.7 38.5
 58 55.7 33.8 50.8#



#5
 Naphthalene
 Concen: 0.324 ng/ul
 RT: 10.689 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BN030205.D
 Acq: 03 Mar 2024 06:09

Tgt Ion: 128 Resp: 4079
 Ion Ratio Lower Upper
 128 100
 129 14.4 11.0 16.4
 127 15.7 12.3 18.5

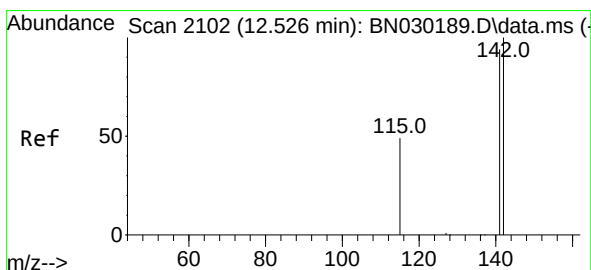
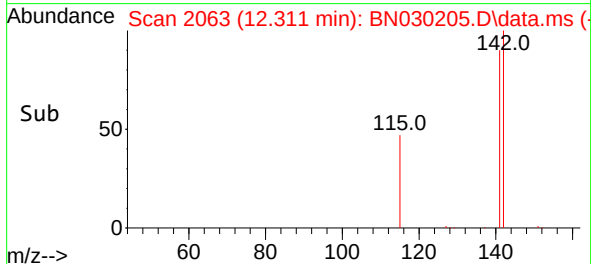
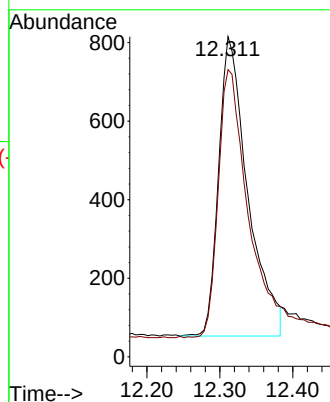
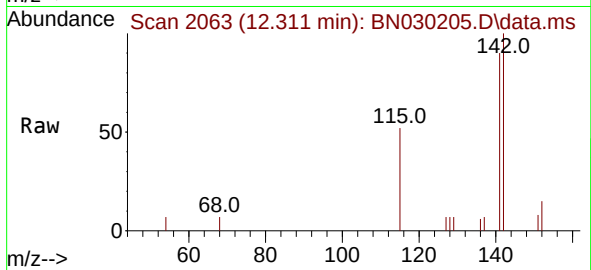




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.311 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

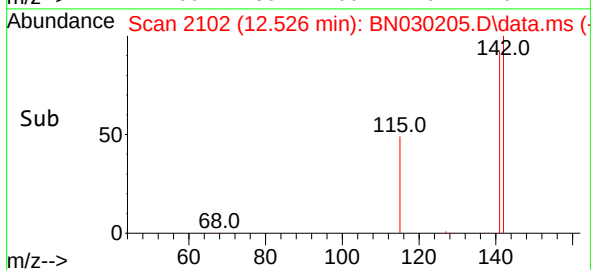
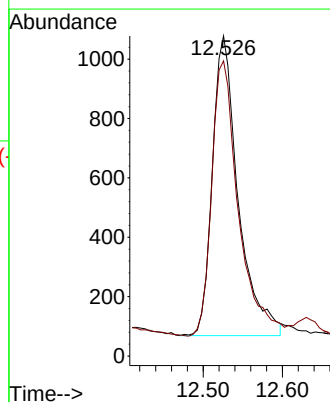
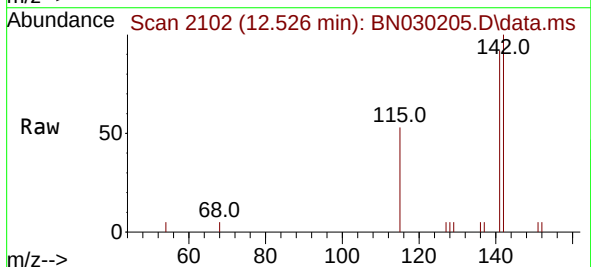
Instrument :
BNA_N
ClientSampleId :
SLCS249

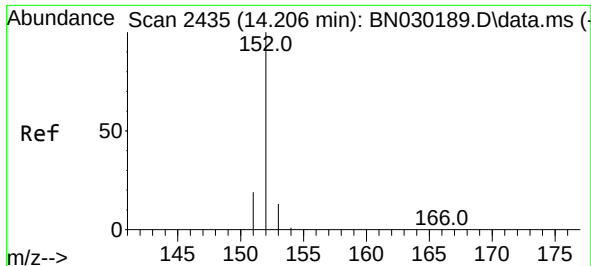
Tgt Ion:142 Resp: 2117
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Tgt Ion:142 Resp: 2286
Ion Ratio Lower Upper
142 100
141 94.6 74.2 111.2

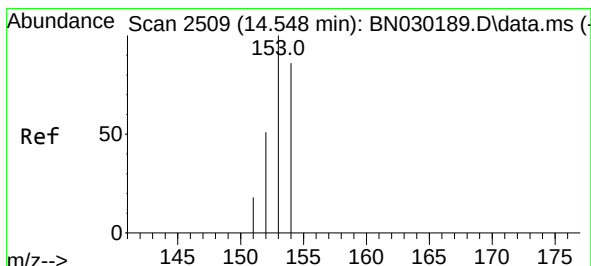
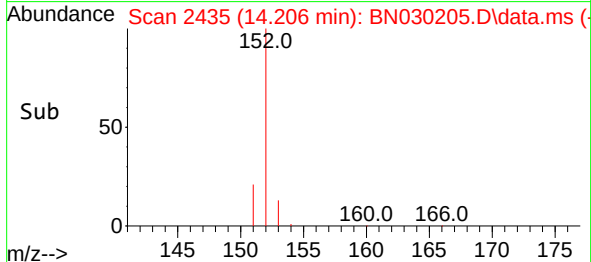
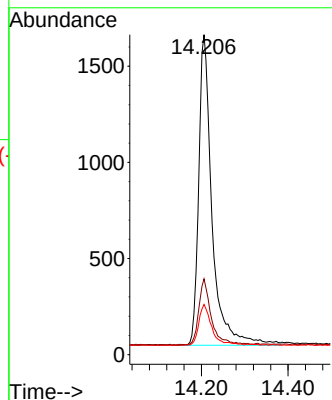
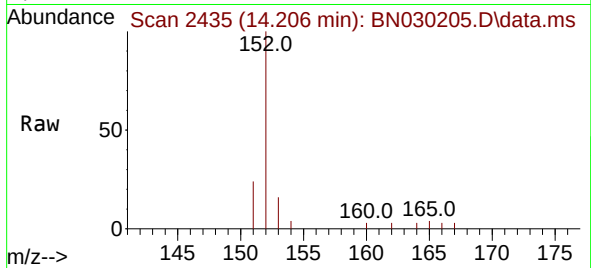




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.206 min Scan# 2435
Delta R.T. -0.001 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

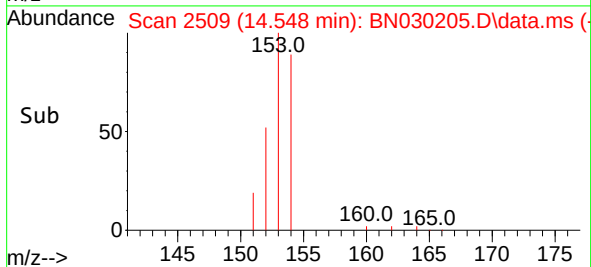
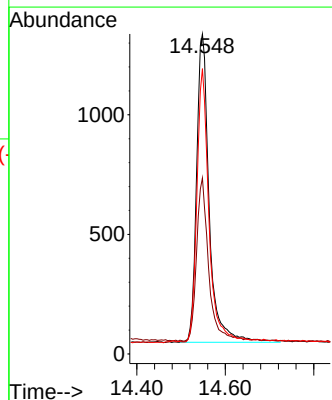
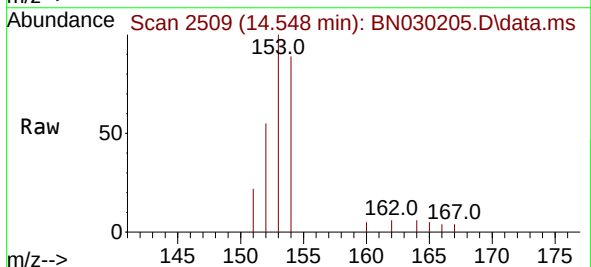
Instrument :
BNA_N
ClientSampleId :
SLCS249

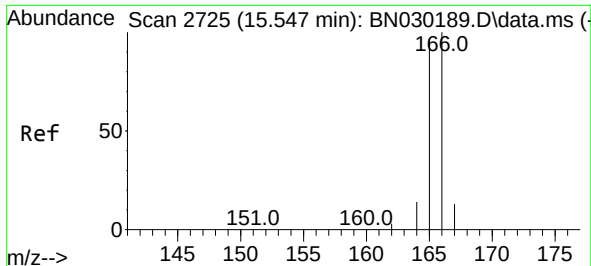
Tgt Ion:152 Resp: 3463
Ion Ratio Lower Upper
152 100
151 23.7 16.9 25.3
153 15.7 11.8 17.6



#11
Acenaphthene
Concen: 0.322 ng/ul
RT: 14.548 min Scan# 2509
Delta R.T. -0.001 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Tgt Ion:153 Resp: 2559
Ion Ratio Lower Upper
153 100
152 55.0 43.2 64.8
154 89.2 67.5 101.3

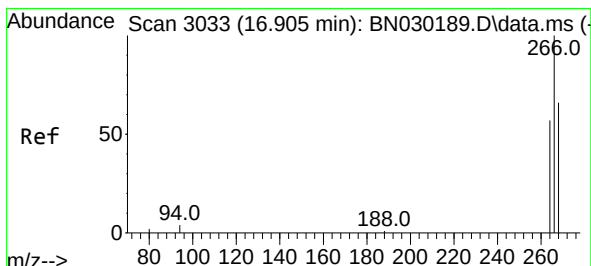
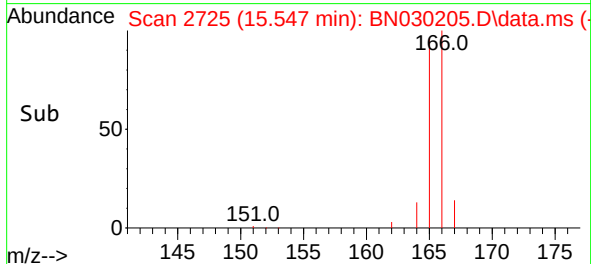
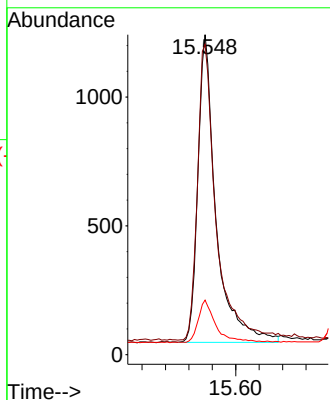
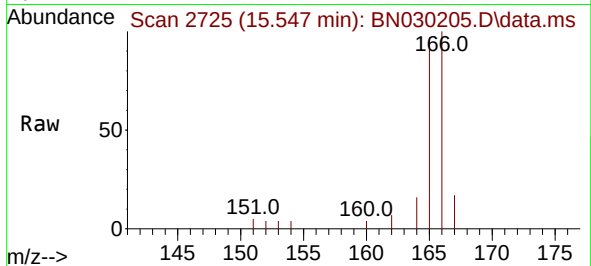




#12
 Fluorene
 Concen: 0.318 ng/ul
 RT: 15.547 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN030205.D
 Acq: 03 Mar 2024 06:09

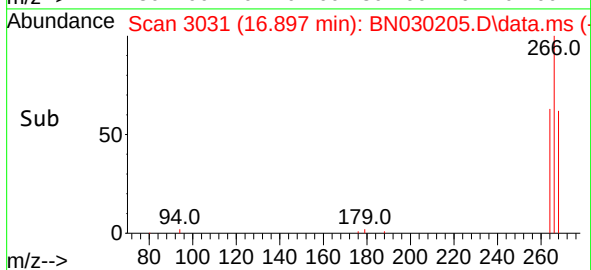
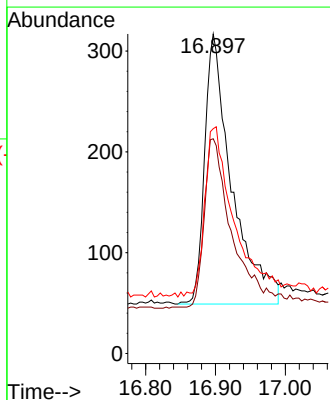
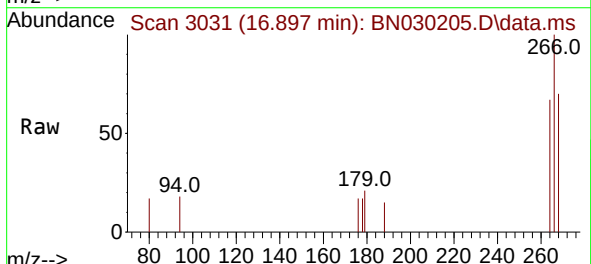
Instrument :
 BNA_N
 ClientSampleId :
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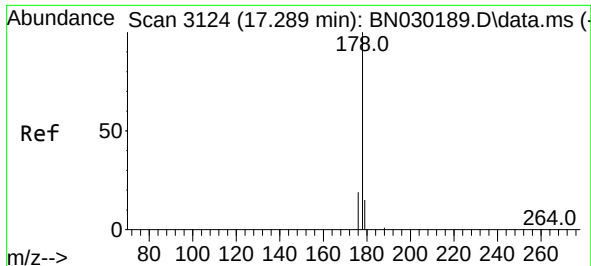
Tgt Ion:166 Resp: 2580
 Ion Ratio Lower Upper
 166 100
 165 97.0 81.8 122.6
 167 17.1 13.0 19.4



#14
 Pentachlorophenol
 Concen: 0.761 ng/ul
 RT: 16.897 min Scan# 3031
 Delta R.T. -0.009 min
 Lab File: BN030205.D
 Acq: 03 Mar 2024 06:09

Tgt Ion:266 Resp: 725
 Ion Ratio Lower Upper
 266 100
 264 63.2 49.8 74.8
 268 67.4 53.4 80.2

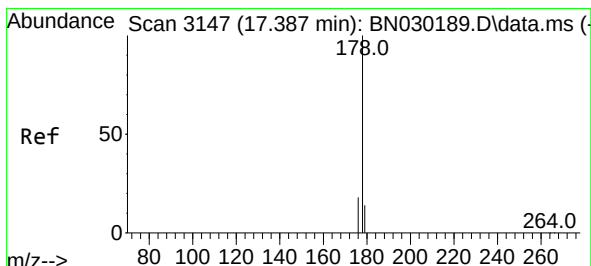
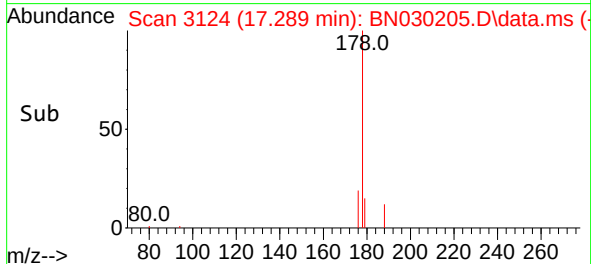
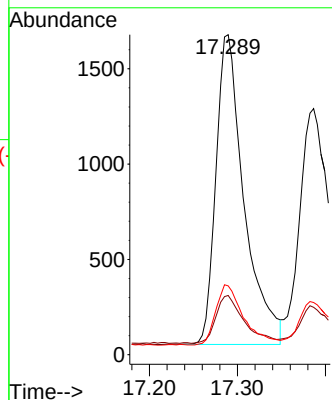
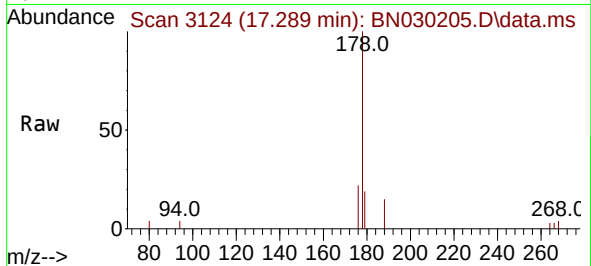




#15
Phenanthrene
Concen: 0.322 ng/u1
RT: 17.289 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

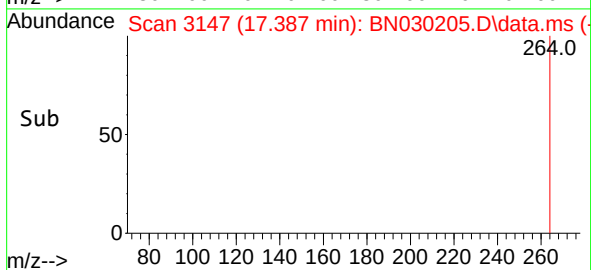
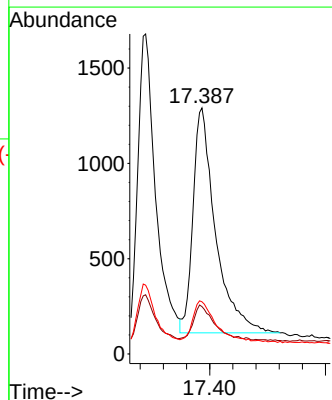
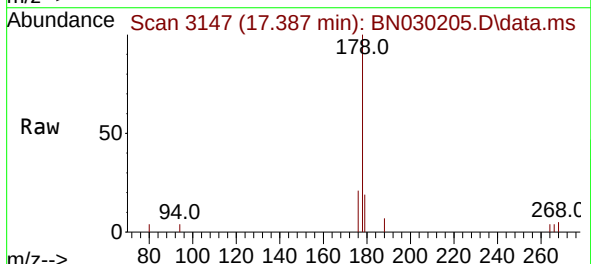
Instrument :
BNA_N
ClientSampleId :
SLCS249

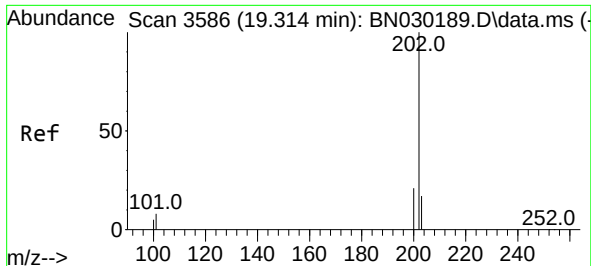
Tgt Ion:	178	Resp:	3603
Ion Ratio	Lower	Upper	
178	100		
179	18.5	13.8	20.8
176	21.5	16.6	25.0



#16
Anthracene
Concen: 0.323 ng/u1
RT: 17.387 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Tgt Ion:	178	Resp:	3183
Ion Ratio	Lower	Upper	
178	100		
179	19.3	14.8	22.2
176	21.2	17.8	26.6





#19

Fluoranthene

Concen: 0.346 ng/ul

RT: 19.314 min Scan# 3586

Delta R.T. -0.001 min

Lab File: BN030205.D

Acq: 03 Mar 2024 06:09

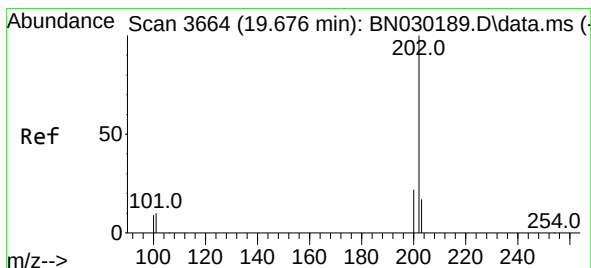
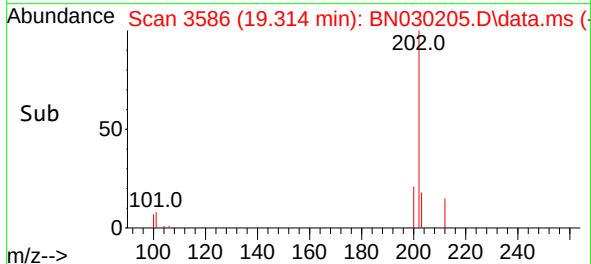
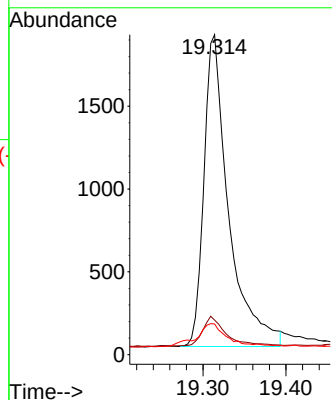
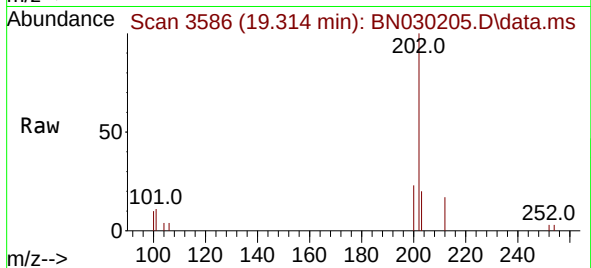
Instrument :

BNA_N

ClientSampleId :

SLCS249

Tgt Ion:202	Resp:	3906
Ion Ratio	Lower	Upper
202	100	
101	10.8	8.8 13.2
100	9.6	7.4 11.2



#20

Pyrene

Concen: 0.346 ng/ul

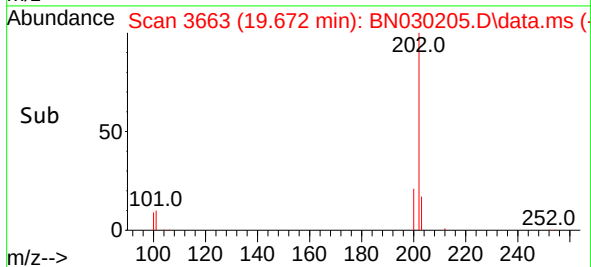
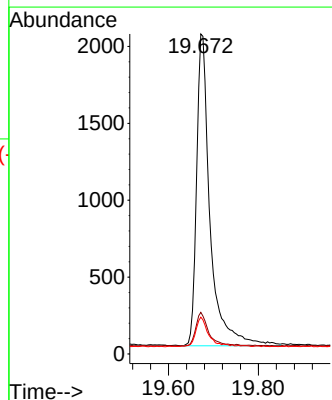
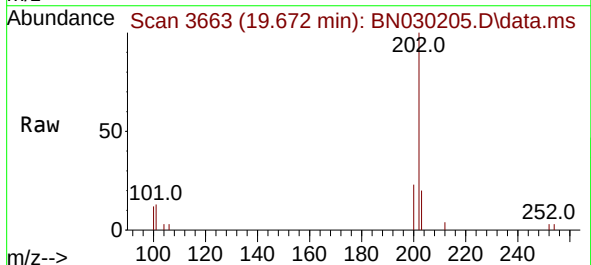
RT: 19.672 min Scan# 3663

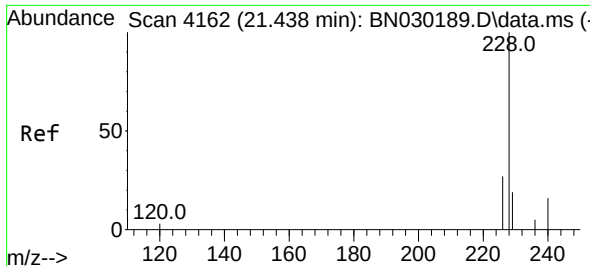
Delta R.T. -0.001 min

Lab File: BN030205.D

Acq: 03 Mar 2024 06:09

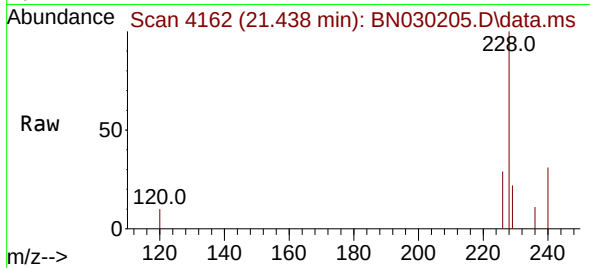
Tgt Ion:202	Resp:	4245
Ion Ratio	Lower	Upper
202	100	
101	13.0	10.6 15.8
100	11.5	8.8 13.2



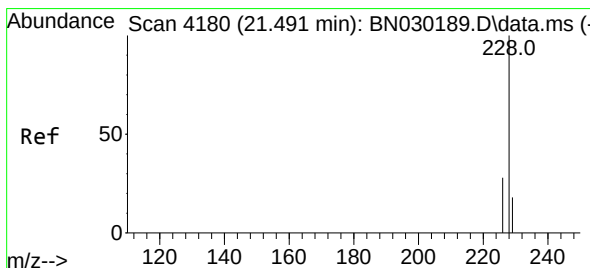
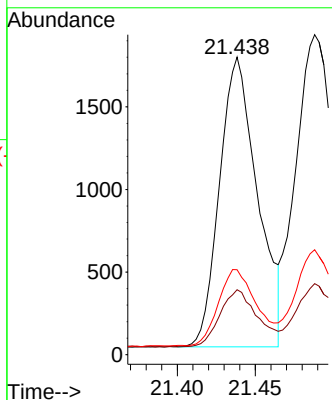


#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.438 min Scan# 4162
Delta R.T. -0.001 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Instrument :
BNA_N
ClientSampleId :
SLCS249

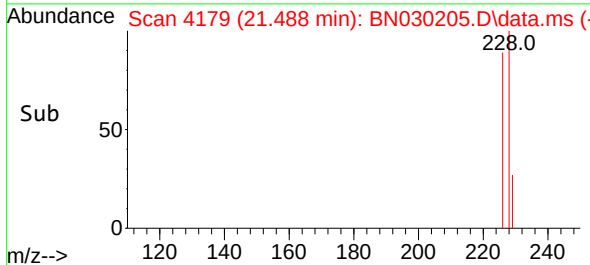
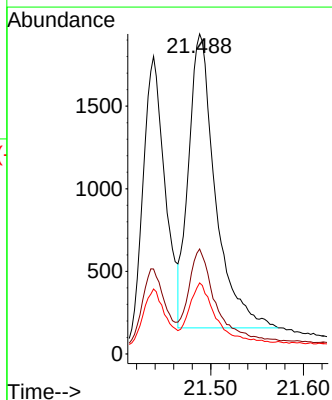
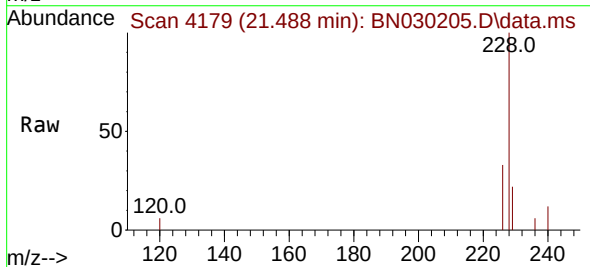


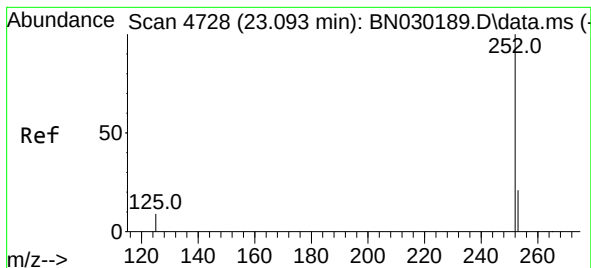
Tgt Ion:	228	Resp:	2974
Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	24.8
226	28.5	23.7	35.5



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.488 min Scan# 4179
Delta R.T. -0.001 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Tgt Ion:	228	Resp:	3579
Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.6	37.0
229	22.2	16.6	24.8





#24

Benzo(b)fluoranthene

Concen: 0.342 ng/ul

RT: 23.090 min Scan# 41

Delta R.T. -0.006 min

Lab File: BN030205.D

Acq: 03 Mar 2024 06:09

Instrument :

BNA_N

ClientSampleId :

SLCS249

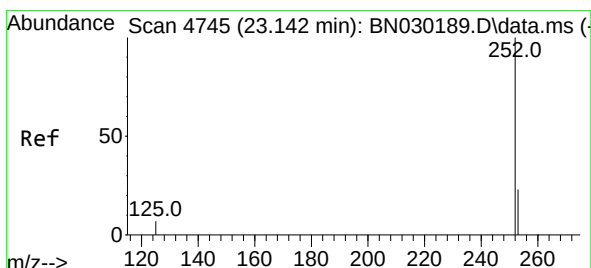
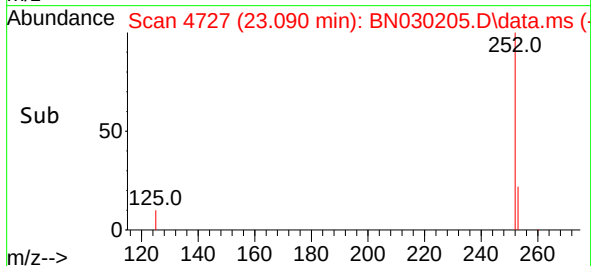
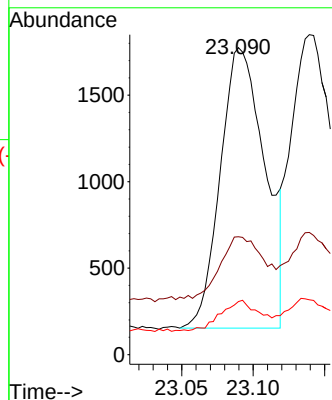
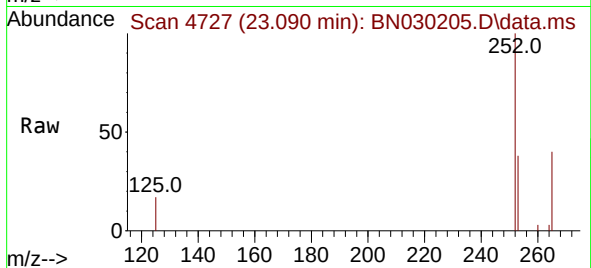
Tgt Ion:252 Resp: 3531

Ion Ratio Lower Upper

252 100

253 38.4 0.0 69.4

125 17.3 0.0 32.8



#25

Benzo(k)fluoranthene

Concen: 0.331 ng/ul

RT: 23.139 min Scan# 4744

Delta R.T. -0.004 min

Lab File: BN030205.D

Acq: 03 Mar 2024 06:09

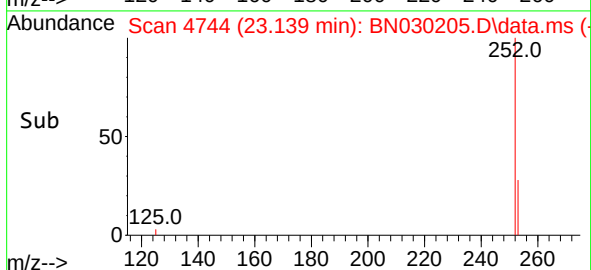
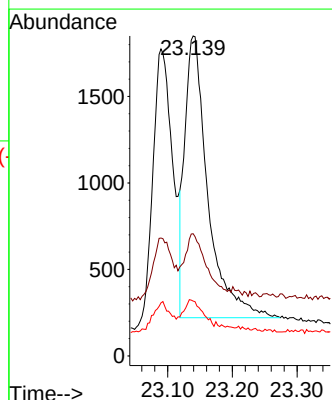
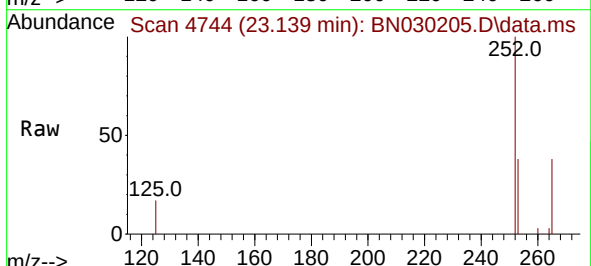
Tgt Ion:252 Resp: 4033

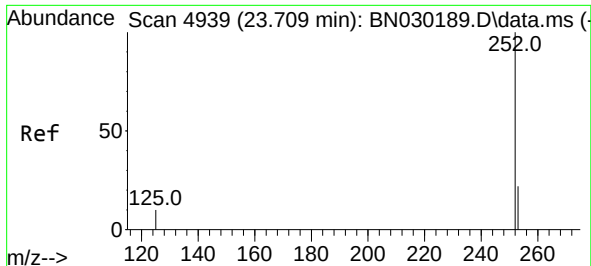
Ion Ratio Lower Upper

252 100

253 38.2 28.0 42.0

125 17.1 14.4 21.6

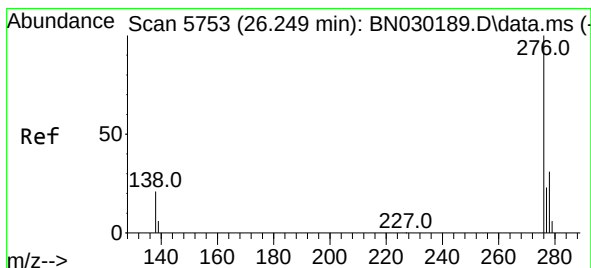
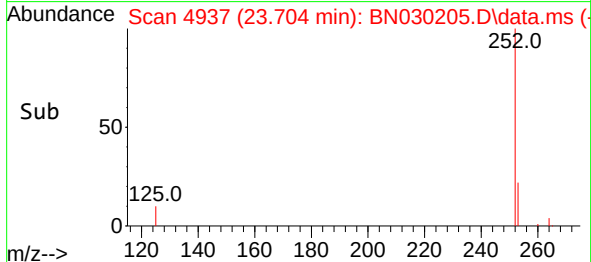
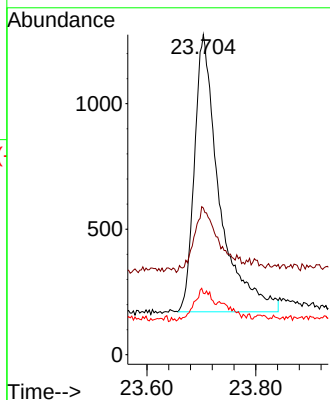
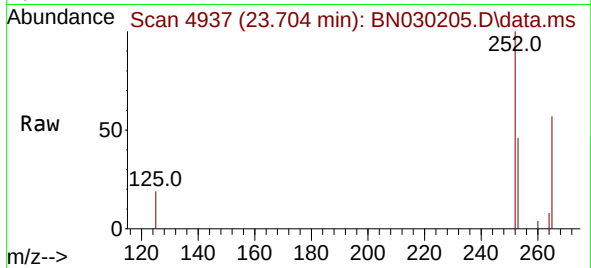




#26
Benzo(a)pyrene
Concen: 0.334 ng/ul
RT: 23.704 min Scan# 4939
Delta R.T. -0.006 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

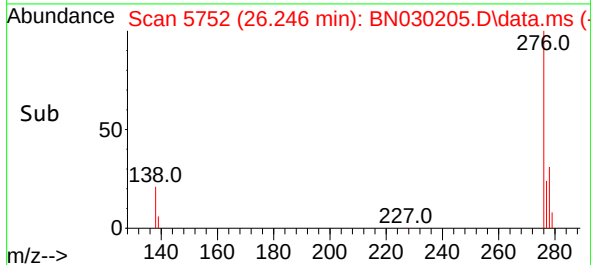
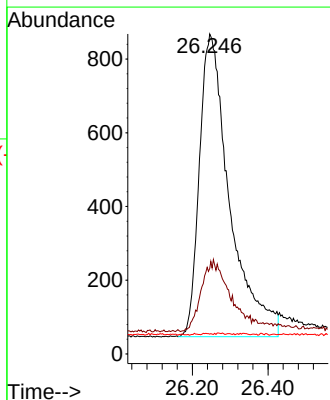
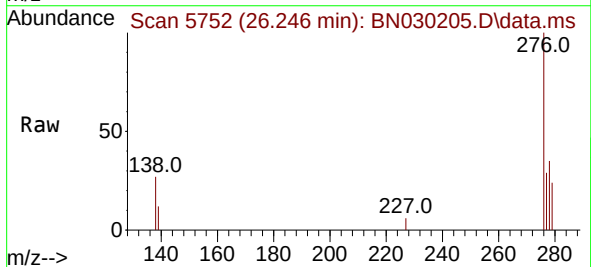
Instrument :
BNA_N
ClientSampleId :
SLCS249

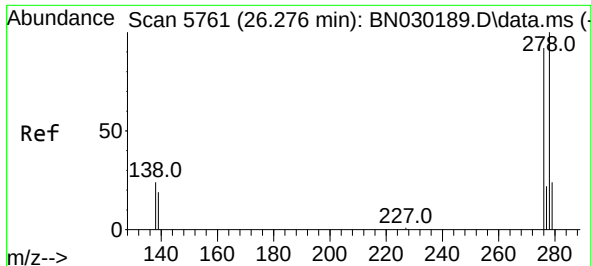
Tgt Ion:252 Resp: 3514
Ion Ratio Lower Upper
252 100
253 45.9 33.0 49.4
125 19.2 16.9 25.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.246 min Scan# 5752
Delta R.T. -0.004 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Tgt Ion:276 Resp: 4553
Ion Ratio Lower Upper
276 100
138 24.3 20.9 31.3
227 0.0 0.1 0.1#

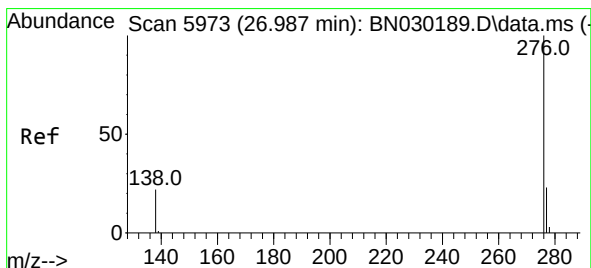
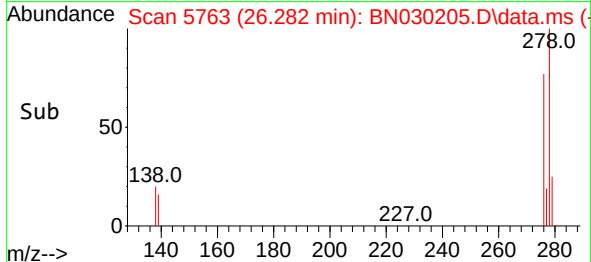
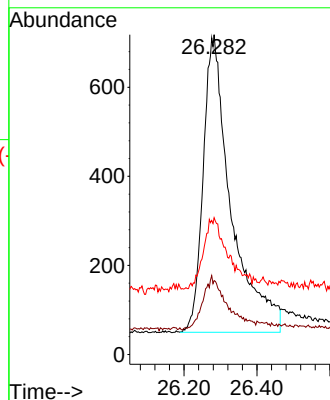
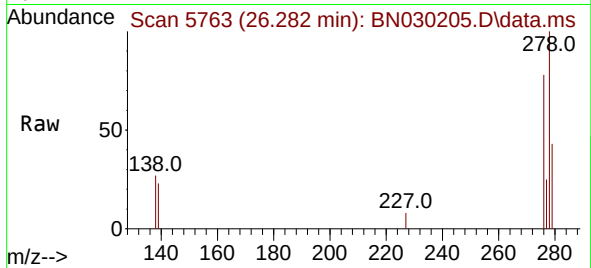




#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.282 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Instrument :
BNA_N
ClientSampleId :
SLCS249

Tgt Ion:278 Resp: 3546
Ion Ratio Lower Upper
278 100
139 23.1 18.9 28.3
279 42.8 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 26.980 min Scan# 5971
Delta R.T. -0.004 min
Lab File: BN030205.D
Acq: 03 Mar 2024 06:09

Tgt Ion:276 Resp: 4157
Ion Ratio Lower Upper
276 100
138 25.8 22.6 33.8
277 28.4 21.9 32.9

