

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030405.D
 Acq On : 14 Mar 2024 20:25
 Operator : MA/JU
 Sample : SSTD0.470
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

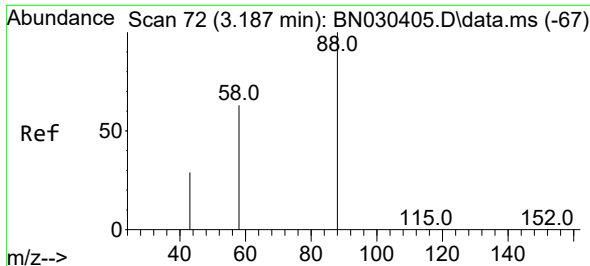
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4246

Quant Time: Mar 15 00:57:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 00:54:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1755	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	3947	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2264	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	4302	0.400	ng/ul	0.00
17) Chrysene-d12	21.215	240	3730	0.400	ng/ul	0.00
23) Perylene-d12	23.422	264	4309	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	835	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.983	152	2219	0.435	ng/ul	0.00
18) Fluoranthene-d10	19.051	212	4593	0.378	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	895	0.339	ng/ul	100
5) Naphthalene	10.427	128	4236	0.364	ng/ul	100
7) 2-Methylnaphthalene	12.055	142	2504	0.397	ng/ul#	100
8) 1-Methylnaphthalene	12.275	142	2658	0.397	ng/ul#	28
10) Acenaphthylene	13.976	152	4161	0.329	ng/ul	100
11) Acenaphthene	14.319	153	3050	0.328	ng/ul	100
12) Fluorene	15.318	166	3352	0.354	ng/ul	100
14) Pentachlorophenol	16.667	266	433	0.353	ng/ul#	100
15) Phenanthrene	17.055	178	4950	0.343	ng/ul	100
16) Anthracene	17.152	178	4484	0.353	ng/ul	100
19) Fluoranthene	19.079	202	5871	0.354	ng/ul	100
20) Pyrene	19.441	202	6249	0.347	ng/ul	100
21) Benzo(a)anthracene	21.201	228	4794	0.364	ng/ul	100
22) Chrysene	21.250	228	5527	0.349	ng/ul	100
24) Benzo(b)fluoranthene	22.764	252	5590	0.336	ng/ul	100
25) Benzo(k)fluoranthene	22.808	252	6839	0.349	ng/ul	100
26) Benzo(a)pyrene	23.328	252	5948	0.352	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.637	276	7844	0.363	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.661	278	6010	0.359	ng/ul	100
29) Benzo(g,h,i)perylene	26.308	276	7089	0.354	ng/ul	100

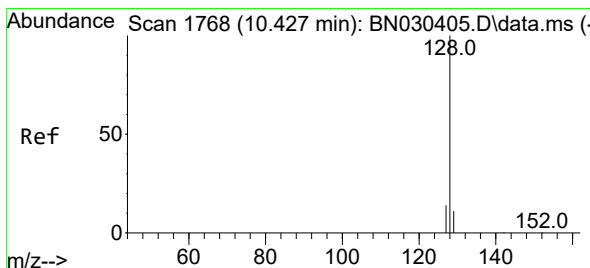
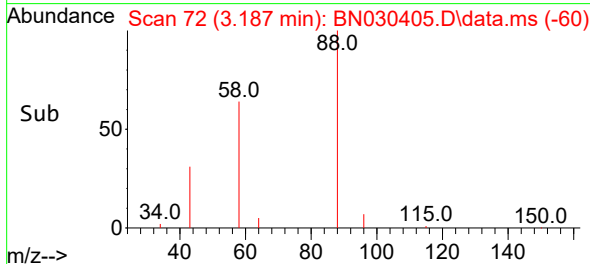
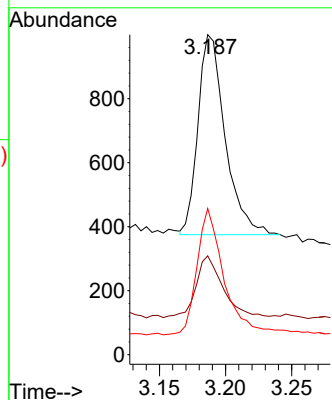
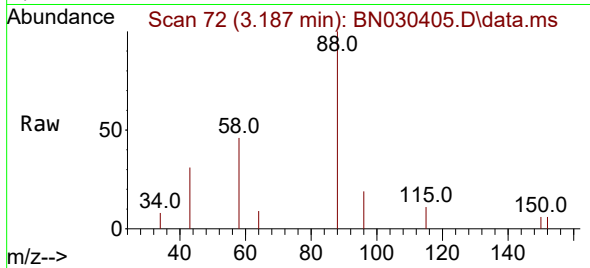
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 0.339 ng/ul
 RT: 3.187 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: BN030405.D
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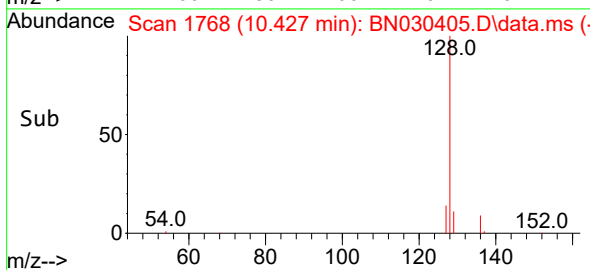
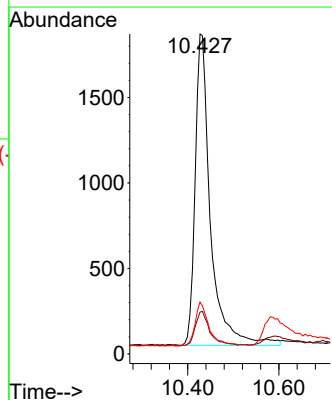
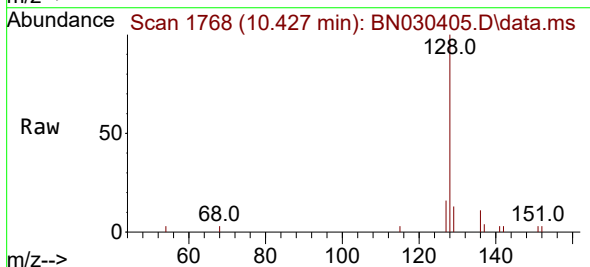
Instrument :
 BNA_N
 ClientSampleId :
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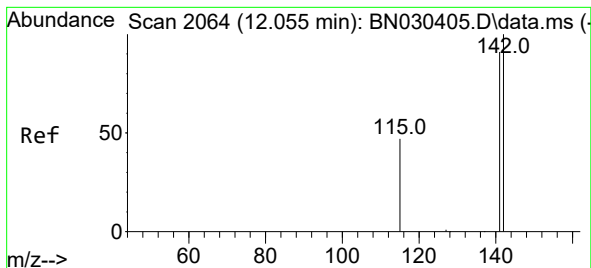
Tgt Ion: 88 Resp: 895
 Ion Ratio Lower Upper
 88 100
 43 30.9 24.7 37.1
 58 45.7 36.6 54.8



#5
 Naphthalene
 Concen: 0.364 ng/ul
 RT: 10.427 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BN030405.D
 Acq: 14 Mar 2024 20:25

Tgt Ion: 128 Resp: 4236
 Ion Ratio Lower Upper
 128 100
 129 13.1 10.5 15.7
 127 16.2 13.0 19.4

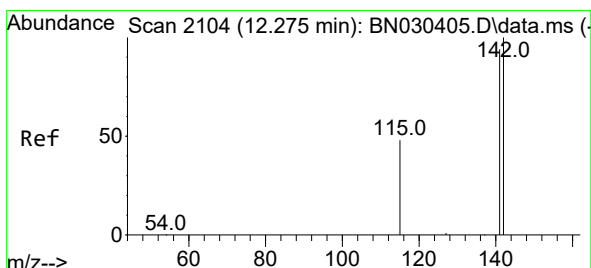
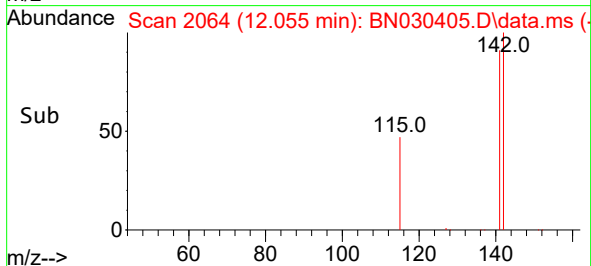
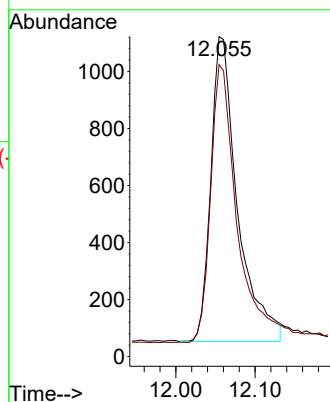
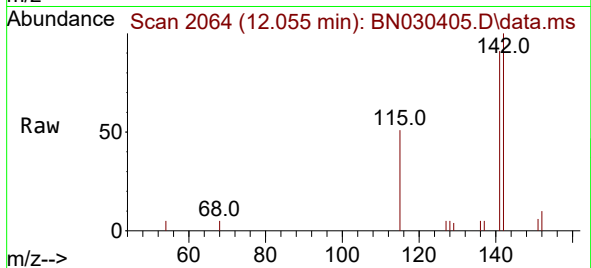




#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.055 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

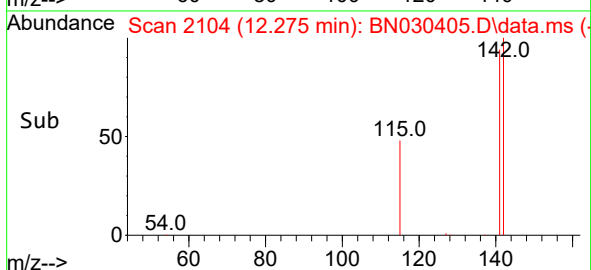
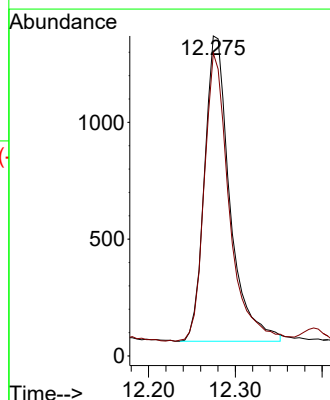
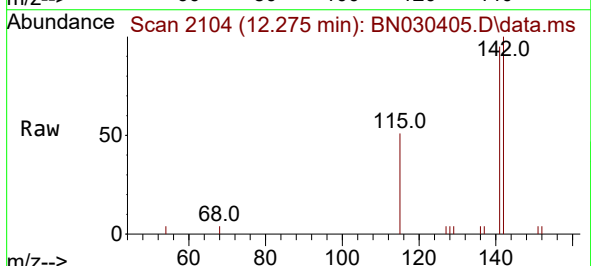
Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

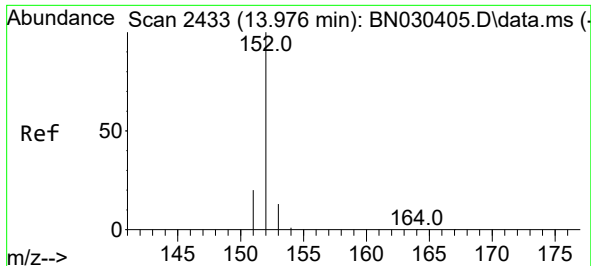
Tgt Ion:142 Resp: 2504
Ion Ratio Lower Upper
142 100
141 90.0 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.275 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Tgt Ion:142 Resp: 2658
Ion Ratio Lower Upper
142 100
141 91.9 0.2 0.2#

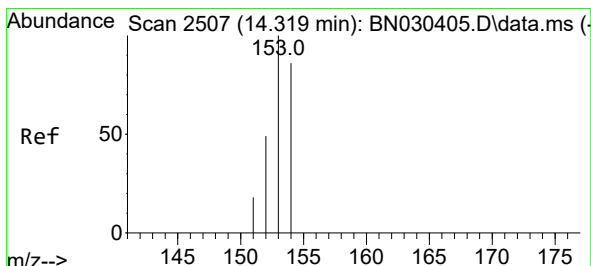
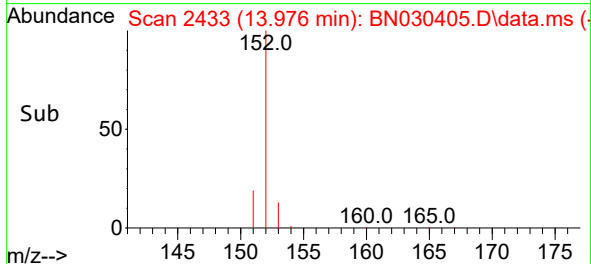
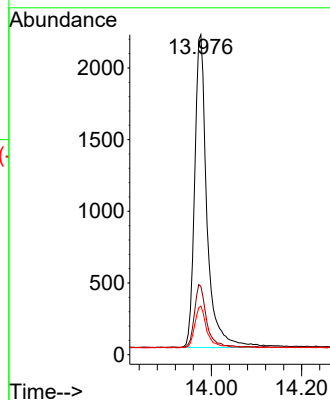
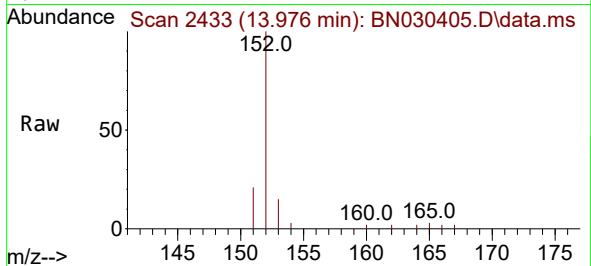




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 13.976 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

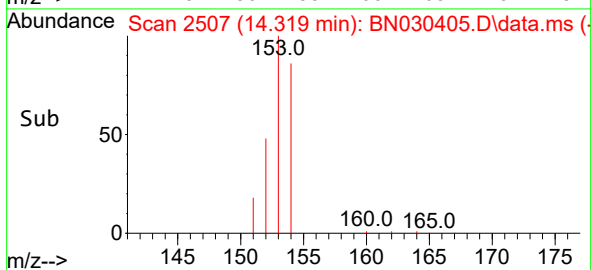
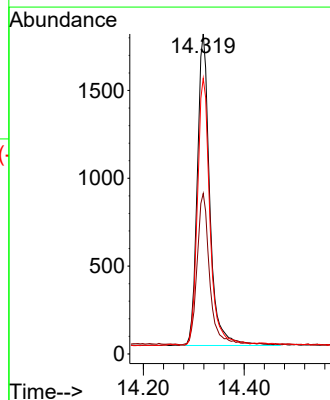
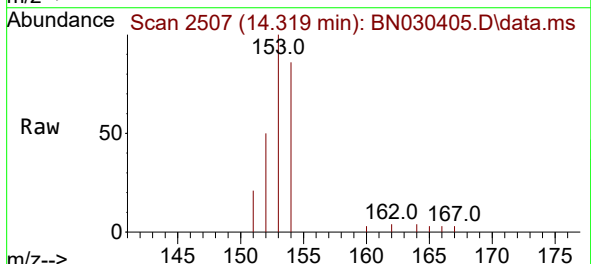
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BNA_N
ClientSampleId :
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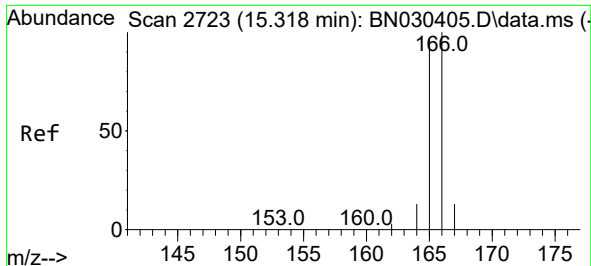
Tgt Ion:152 Resp: 4161
Ion Ratio Lower Upper
152 100
151 21.4 17.1 25.7
153 15.2 12.2 18.2



#11
Acenaphthene
Concen: 0.328 ng/ul
RT: 14.319 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Tgt Ion:153 Resp: 3050
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.2
154 86.2 69.0 103.4

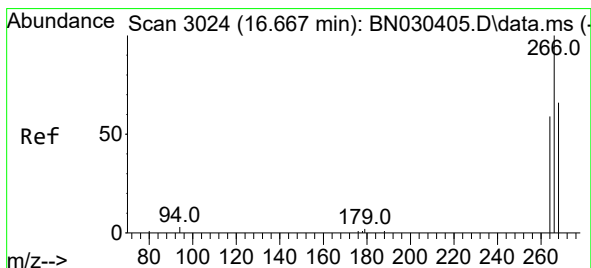
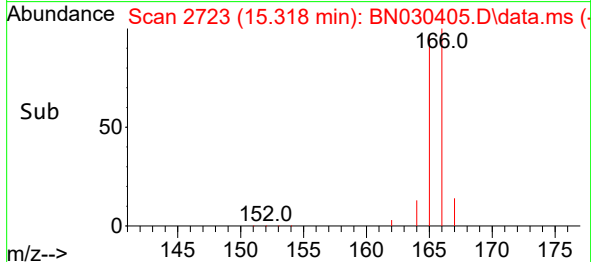
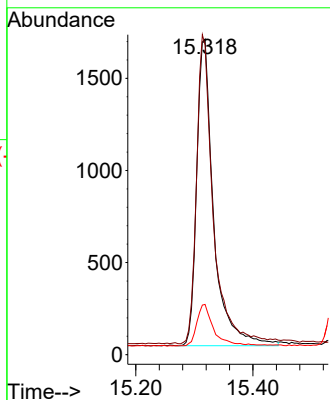
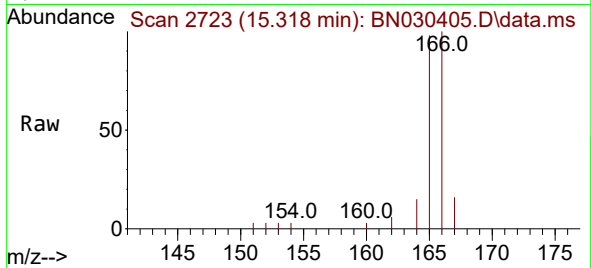




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.318 min Scan# 2723
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

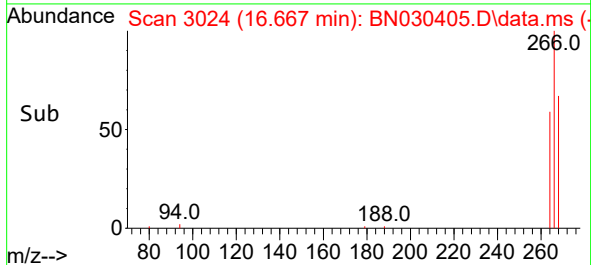
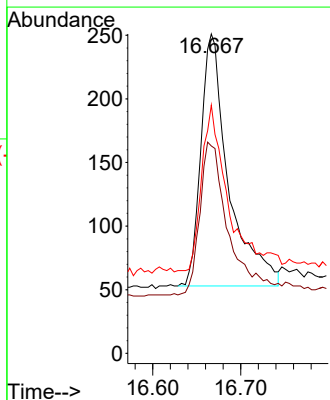
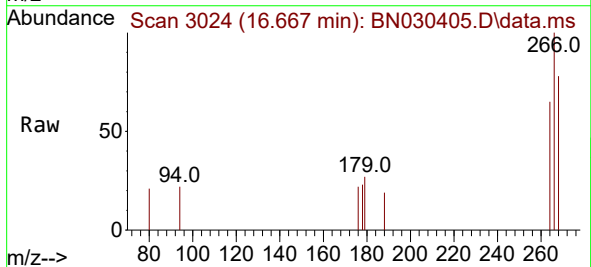
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ClientSampleId :
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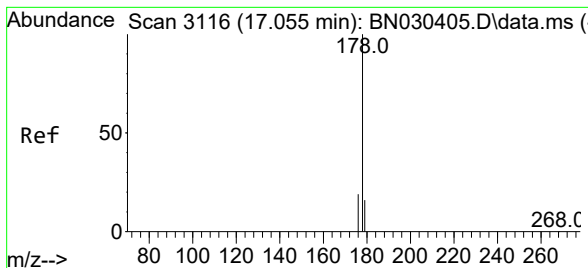
Tgt Ion:166 Resp: 3352
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 15.9 12.7 19.1



#14
Pentachlorophenol
Concen: 0.353 ng/ul
RT: 16.667 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Tgt Ion:266 Resp: 433
Ion Ratio Lower Upper
266 100
264 63.5 0.0 0.0#
268 64.2 0.0 0.0#

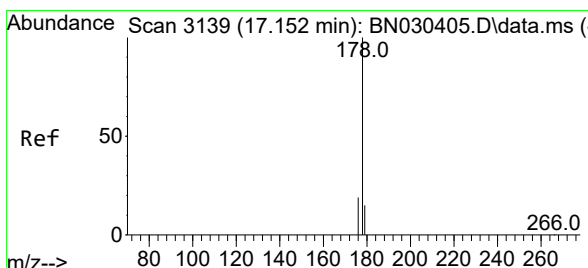
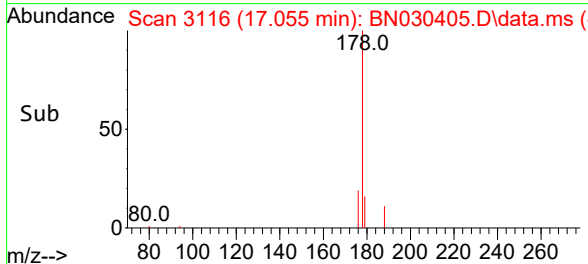
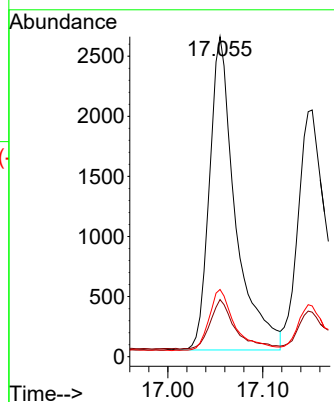
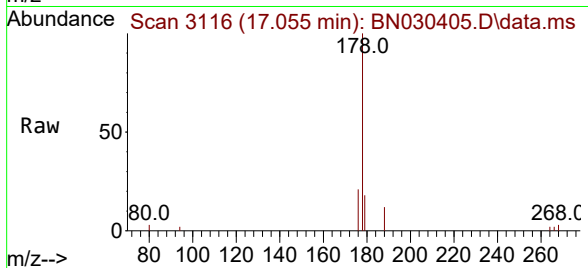




#15
 Phenanthrene
 Concen: 0.343 ng/ul
 RT: 17.055 min Scan# 3116
 Delta R.T. 0.000 min
 Lab File: BN030405.D
 Acq: 14 Mar 2024 20:25

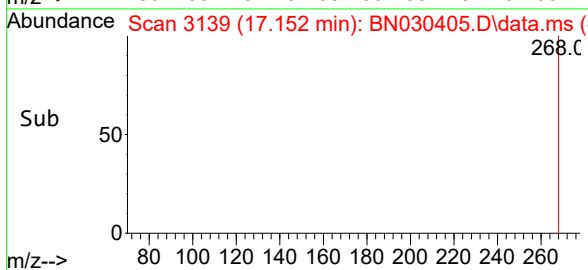
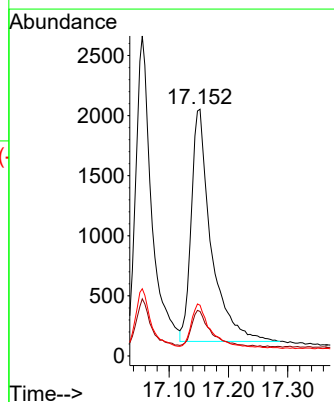
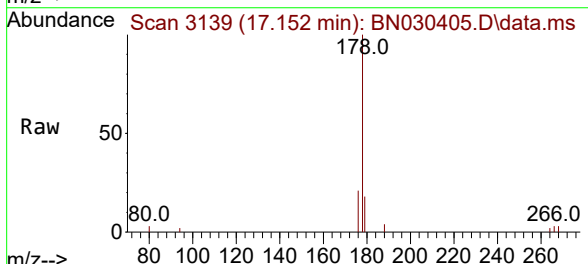
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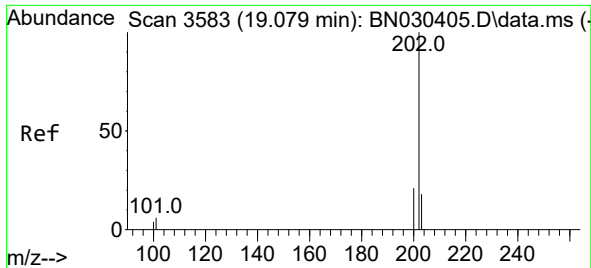
Tgt Ion:	178	Resp:	4950
Ion Ratio	Lower	Upper	
178	100		
179	17.8	14.2	21.4
176	21.0	16.8	25.2



#16
 Anthracene
 Concen: 0.353 ng/ul
 RT: 17.152 min Scan# 3139
 Delta R.T. 0.000 min
 Lab File: BN030405.D
 Acq: 14 Mar 2024 20:25

Tgt Ion:	178	Resp:	4484
Ion Ratio	Lower	Upper	
178	100		
179	18.0	14.4	21.6
176	20.6	16.5	24.7

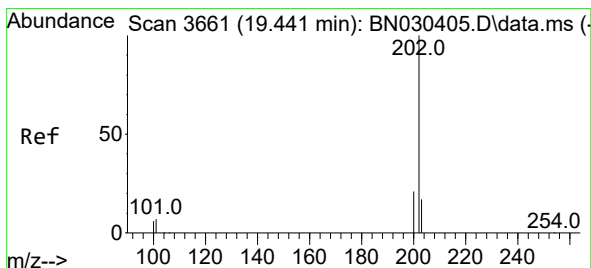
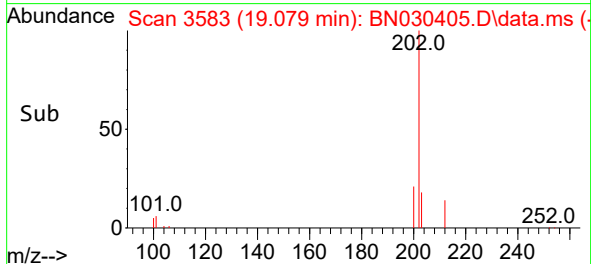
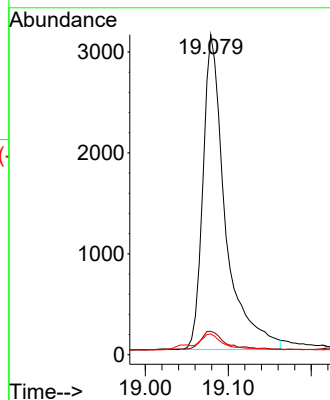
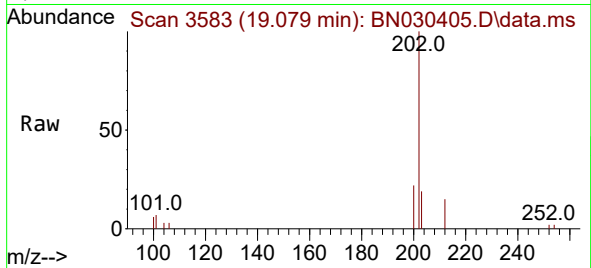




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.079 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

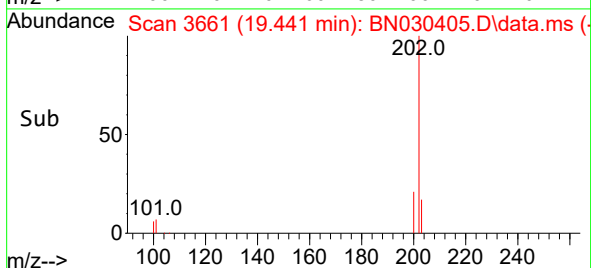
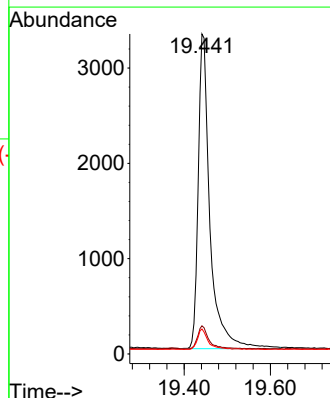
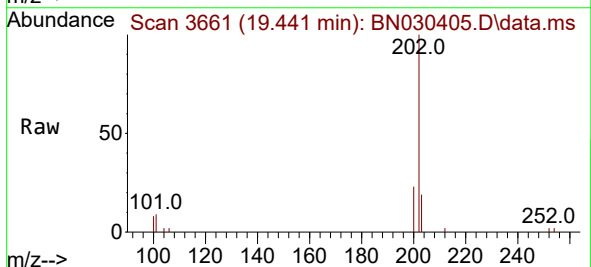
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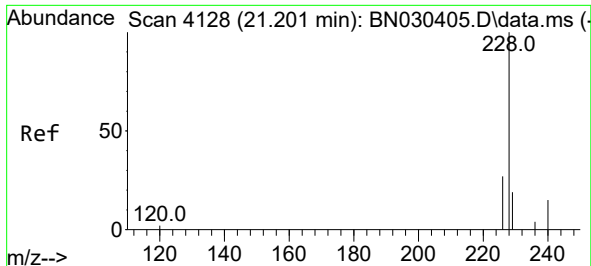
Tgt Ion:202 Resp: 5871
Ion Ratio Lower Upper
202 100
101 7.3 5.8 8.8
100 6.5 5.2 7.8



#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.441 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Tgt Ion:202 Resp: 6249
Ion Ratio Lower Upper
202 100
101 8.8 7.0 10.6
100 7.8 6.2 9.4

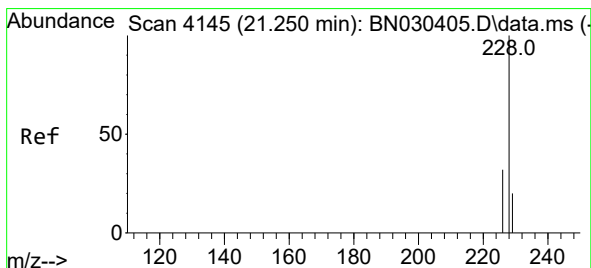
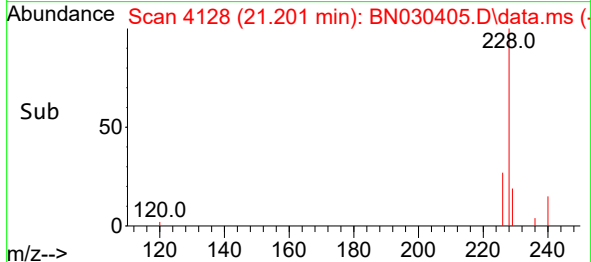
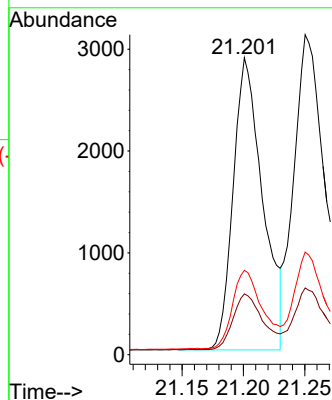
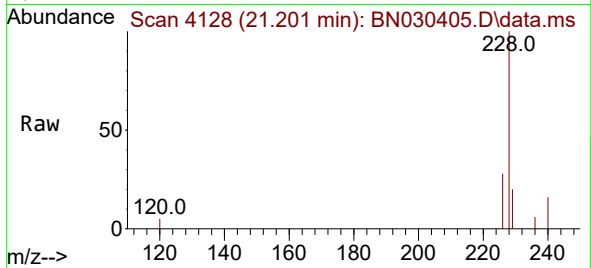




#21
Benzo(a)anthracene
Concen: 0.364 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

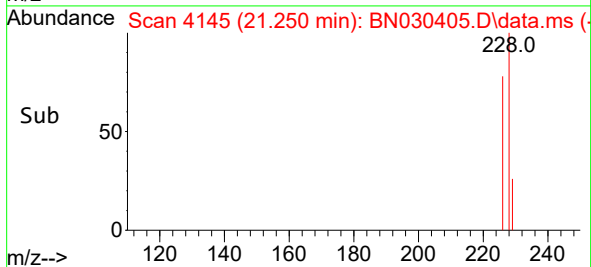
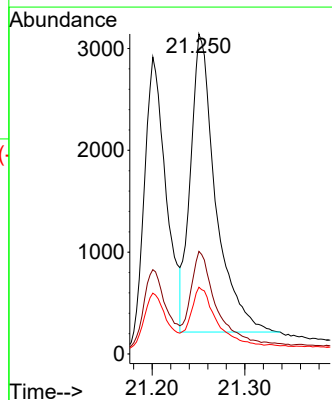
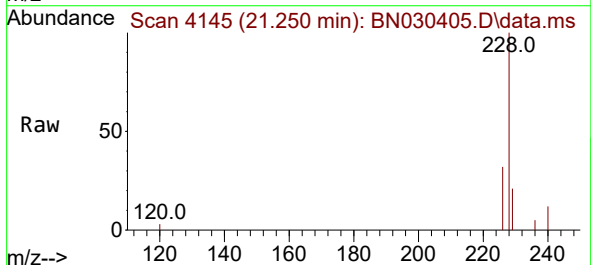
Instrument :
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ClientSampleId :
SSTD0.4246

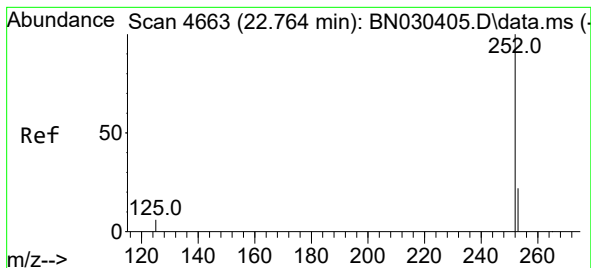
Tgt Ion:228 Resp: 4794
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.4 22.7 34.1



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.250 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Tgt Ion:228 Resp: 5527
Ion Ratio Lower Upper
228 100
226 32.0 25.6 38.4
229 20.8 16.6 25.0





#24

Benzo(b)fluoranthene

Concen: 0.336 ng/ul

RT: 22.764 min Scan# 4663

Delta R.T. 0.000 min

Lab File: BN030405.D

Acq: 14 Mar 2024 20:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.4246

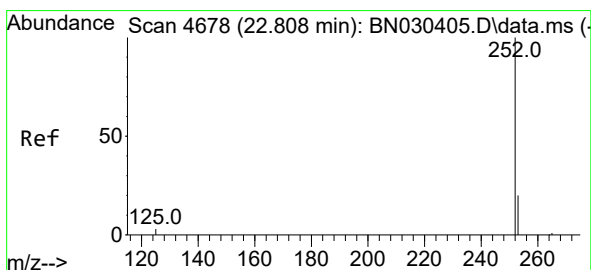
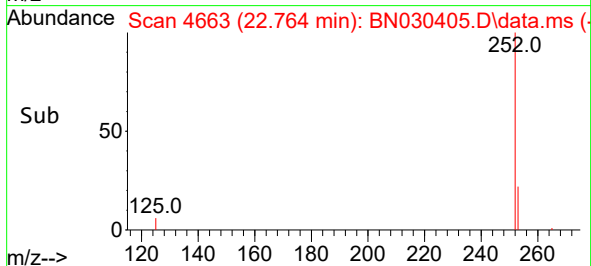
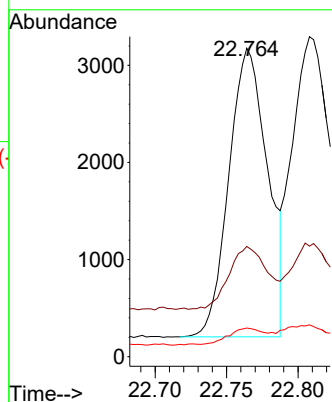
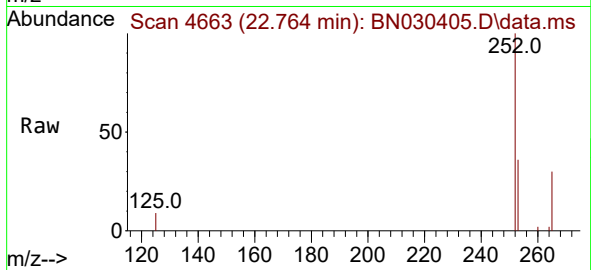
Tgt Ion:252 Resp: 5590

Ion Ratio Lower Upper

252 100

253 35.7 0.0 71.4

125 9.3 0.0 18.6



#25

Benzo(k)fluoranthene

Concen: 0.349 ng/ul

RT: 22.808 min Scan# 4678

Delta R.T. 0.000 min

Lab File: BN030405.D

Acq: 14 Mar 2024 20:25

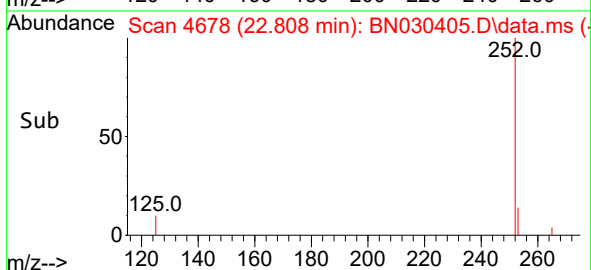
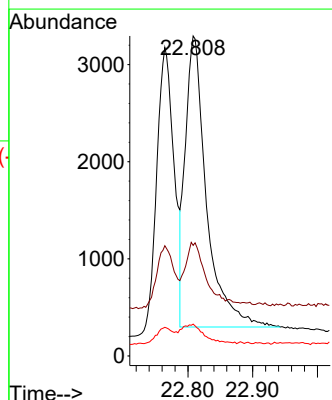
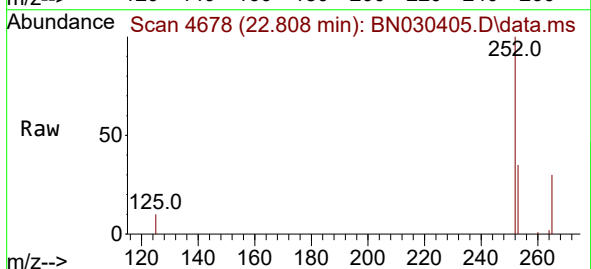
Tgt Ion:252 Resp: 6839

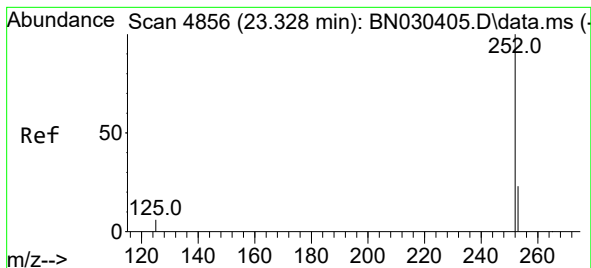
Ion Ratio Lower Upper

252 100

253 34.6 27.7 41.5

125 10.0 8.0 12.0





#26

Benzo(a)pyrene

Concen: 0.352 ng/ul

RT: 23.328 min Scan# 4856

Delta R.T. 0.000 min

Lab File: BN030405.D

Acq: 14 Mar 2024 20:25

Instrument :

BNA_N

ClientSampleId :

SSTD0.4246

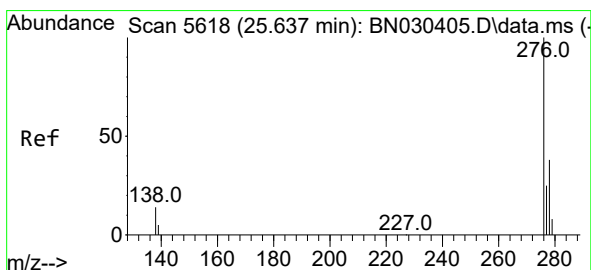
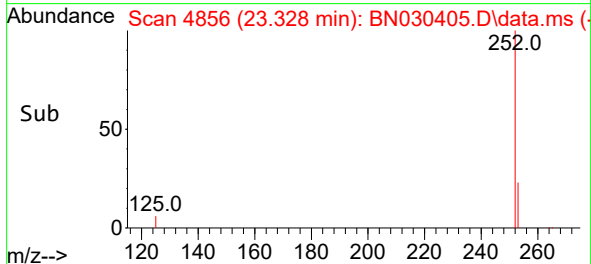
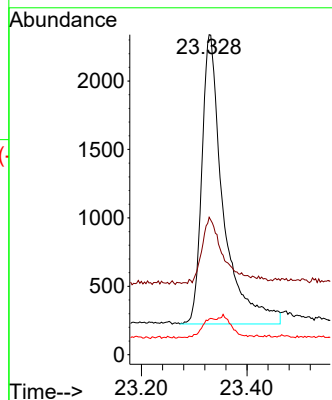
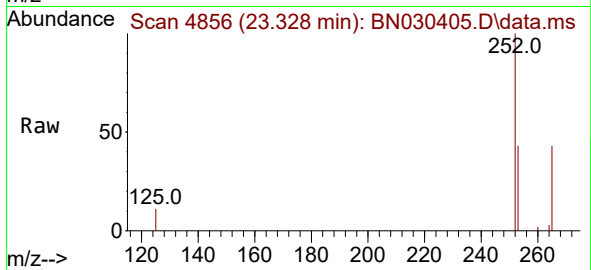
Tgt Ion:252 Resp: 5948

Ion Ratio Lower Upper

252 100

253 43.0 34.4 51.6

125 11.2 9.0 13.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.363 ng/ul

RT: 25.637 min Scan# 5618

Delta R.T. 0.000 min

Lab File: BN030405.D

Acq: 14 Mar 2024 20:25

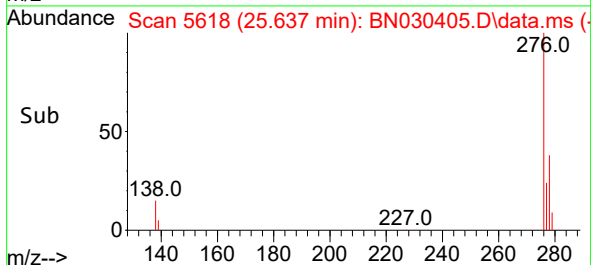
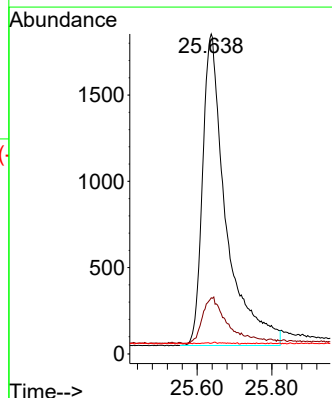
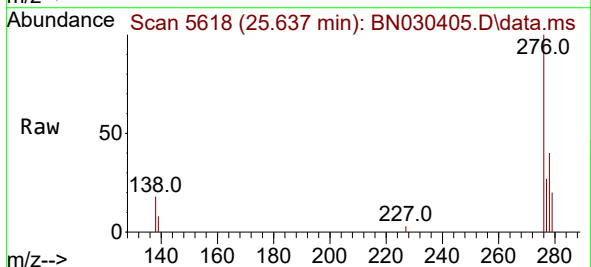
Tgt Ion:276 Resp: 7844

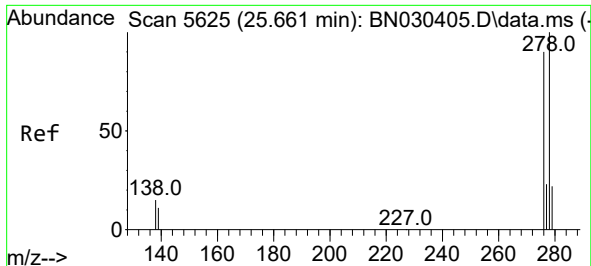
Ion Ratio Lower Upper

276 100

138 16.0 9.8 14.6#

227 0.1 0.0 0.0#

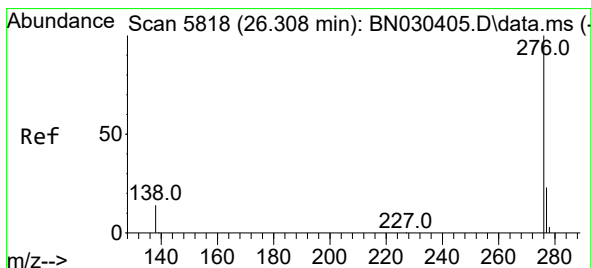
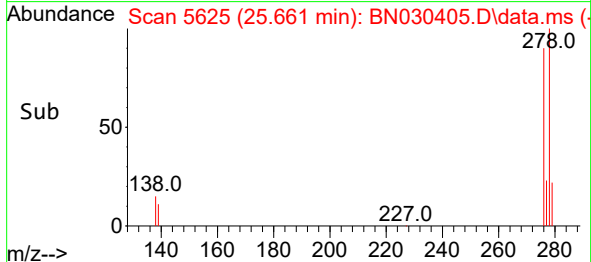
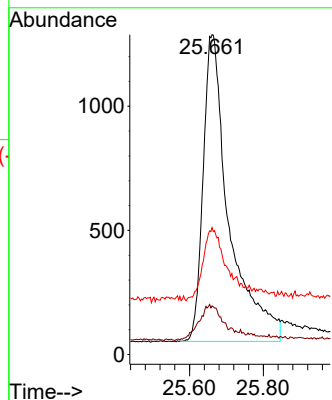
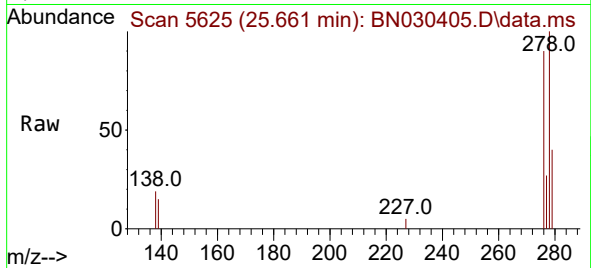




#28
Dibenzo(a,h)anthracene
Concen: 0.359 ng/ul
RT: 25.661 min Scan# 5625
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.4246

Tgt Ion:278 Resp: 6010
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.2
279 39.7 31.8 47.6



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 26.308 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BN030405.D
Acq: 14 Mar 2024 20:25

Tgt Ion:276 Resp: 7089
Ion Ratio Lower Upper
276 100
138 16.8 13.4 20.2
277 25.8 20.6 31.0

