

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028524.D
 Acq On : 09 Nov 2023 18:32
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4305

Quant Time: Nov 09 23:44:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

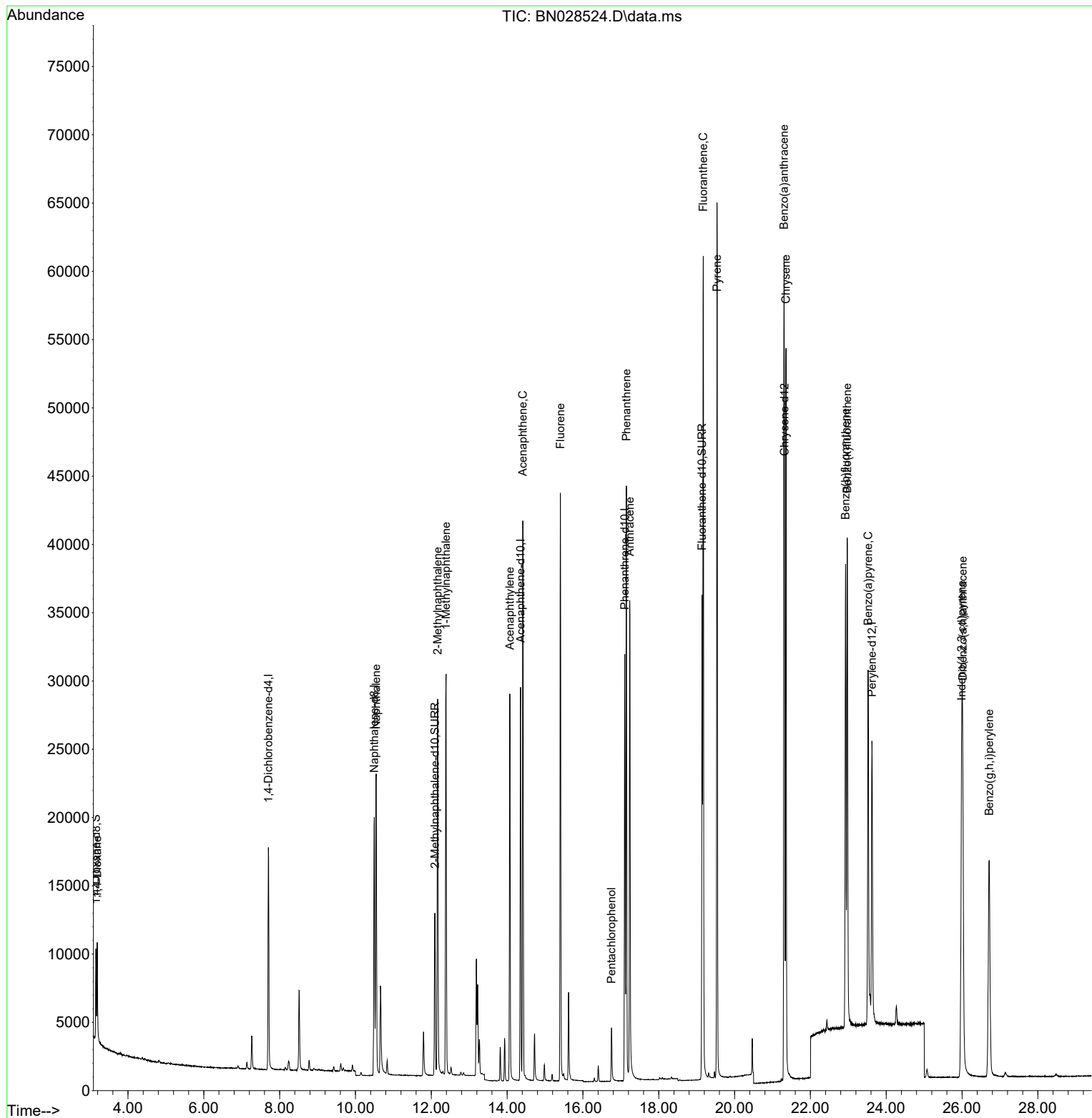
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	8541	0.400	ng/ul	0.00
4) Naphthalene-d8	10.496	136	26294	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	15632	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	35548	0.400	ng/ul	0.00
17) Chrysene-d12	21.318	240	29354	0.400	ng/ul	0.00
23) Perylene-d12	23.624	264	27858	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	4017	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.097	152	16193	0.409	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	38989	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	4548	0.436	ng/ul	97
5) Naphthalene	10.546	128	30390	0.412	ng/ul	99
7) 2-Methylnaphthalene	12.168	142	19938	0.411	ng/ul	100
8) 1-Methylnaphthalene	12.388	142	20119	0.408	ng/ul	100
10) Acenaphthylene	14.072	152	31977	0.410	ng/ul	100
11) Acenaphthene	14.414	153	23802	0.415	ng/ul	99
12) Fluorene	15.404	166	27412	0.410	ng/ul	99
14) Pentachlorophenol	16.753	266	2874	0.337	ng/ul	98
15) Phenanthrene	17.145	178	45259	0.414	ng/ul	100
16) Anthracene	17.234	178	40417	0.404	ng/ul	100
19) Fluoranthene	19.174	202	51776	0.415	ng/ul	99
20) Pyrene	19.537	202	53472	0.413	ng/ul	98
21) Benzo(a)anthracene	21.303	228	45898	0.395	ng/ul	99
22) Chrysene	21.356	228	45785	0.403	ng/ul	99
24) Benzo(b)fluoranthene	22.928	252	41894	0.401	ng/ul	99
25) Benzo(k)fluoranthene	22.972	252	46272	0.423	ng/ul	98
26) Benzo(a)pyrene	23.522	252	38932	0.394	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.987	276	41867	0.382	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.017	278	33476	0.382	ng/ul	99
29) Benzo(g,h,i)perylene	26.715	276	34023	0.379	ng/ul	99

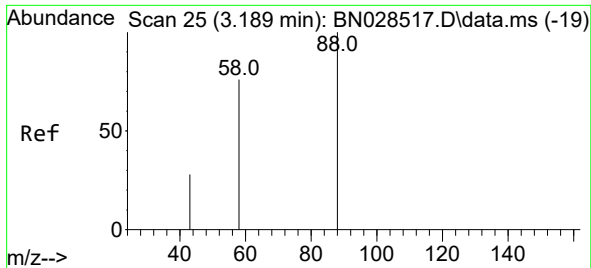
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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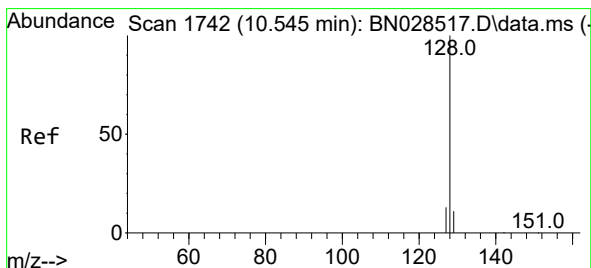
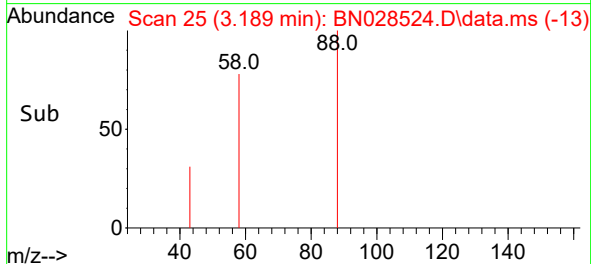
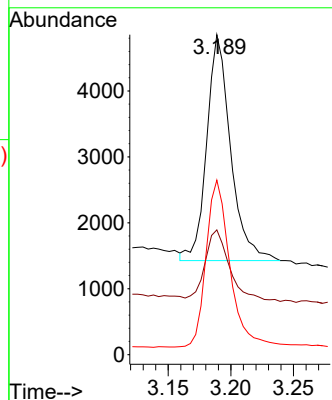
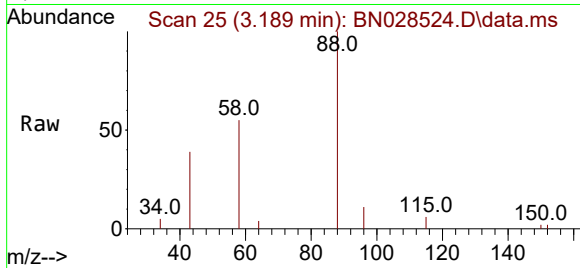




#2
1,4-Dioxane
Concen: 0.436 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

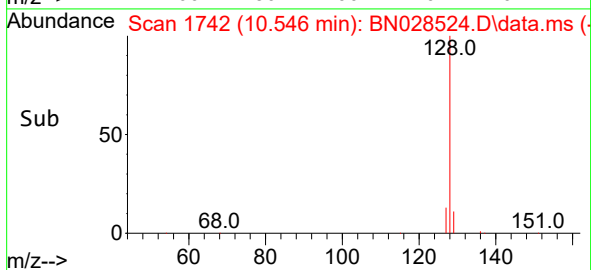
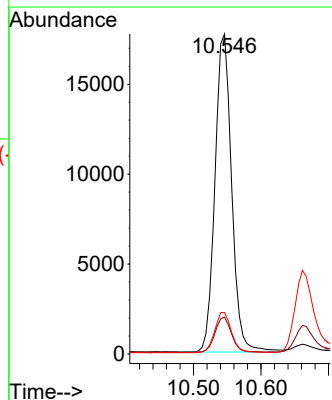
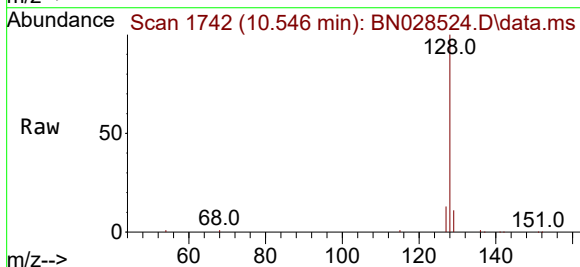
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

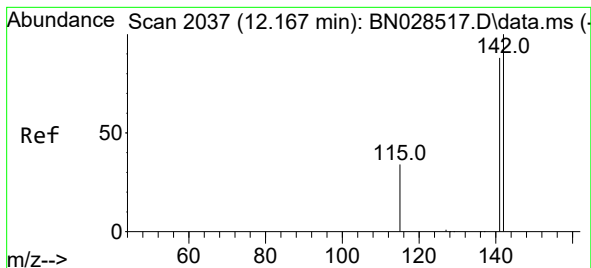
Tgt Ion: 88 Resp: 4548
Ion Ratio Lower Upper
88 100
43 39.0 32.9 49.3
58 54.6 41.8 62.8



#5
Naphthalene
Concen: 0.412 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion: 128 Resp: 30390
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.0 10.7 16.1

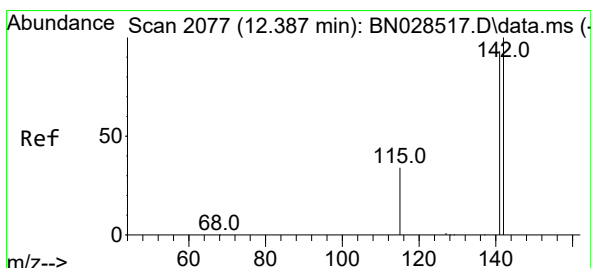
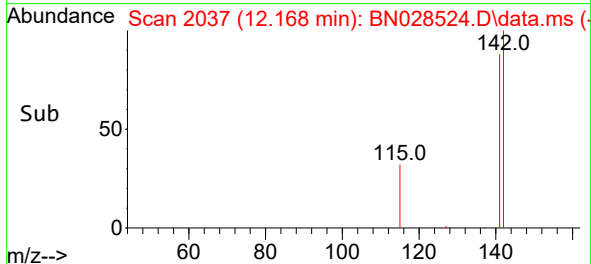
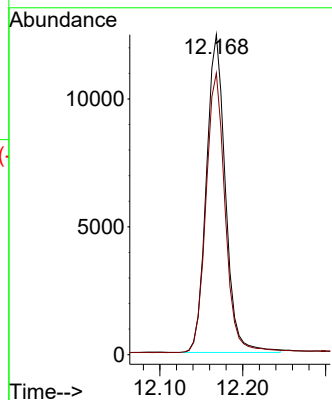
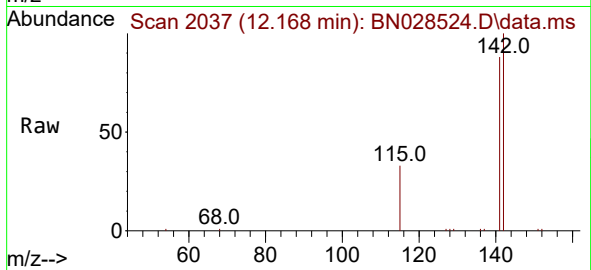




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.168 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

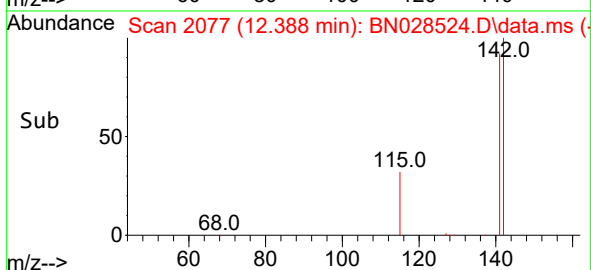
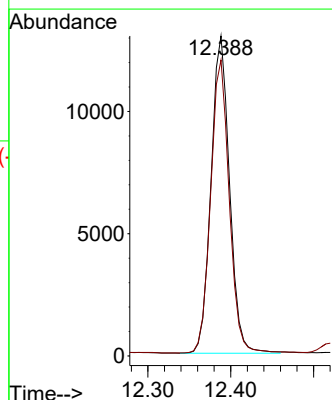
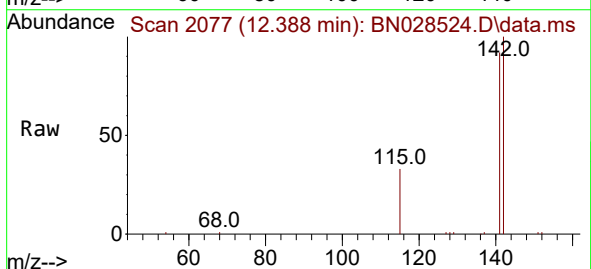
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

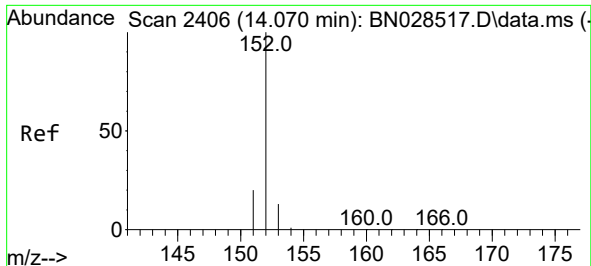
Tgt Ion:142 Resp: 19938
Ion Ratio Lower Upper
142 100
141 88.4 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion:142 Resp: 20119
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1

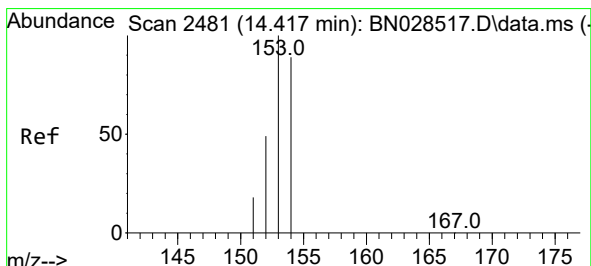
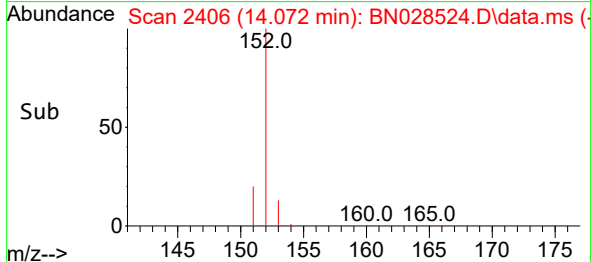
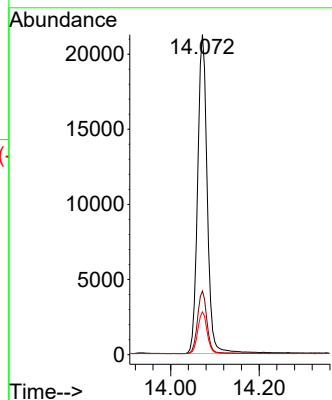
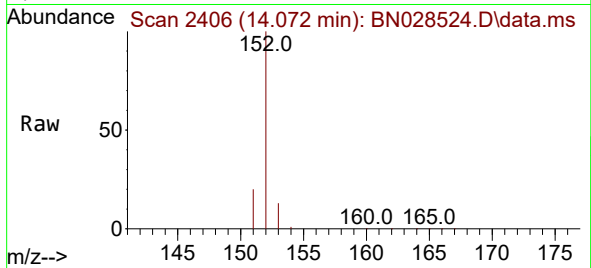




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.072 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

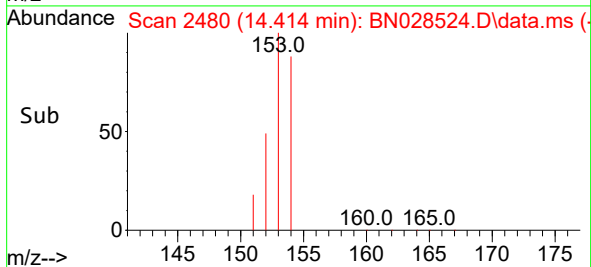
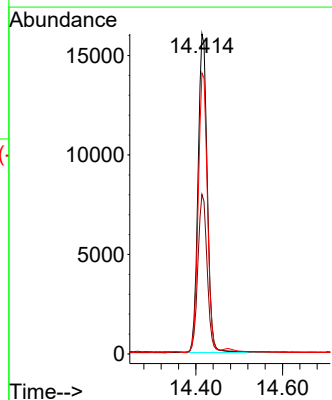
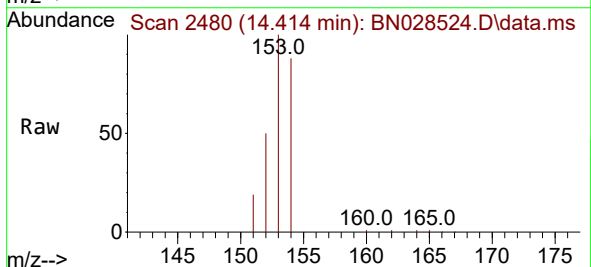
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BNA_N
ClientSampleId :
SSTD0.4305

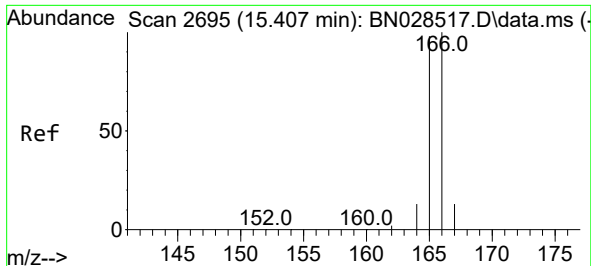
Tgt Ion:152 Resp: 31977
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.3 10.6 15.8



#11
Acenaphthene
Concen: 0.415 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion:153 Resp: 23802
Ion Ratio Lower Upper
153 100
152 49.8 39.6 59.4
154 87.8 71.0 106.6

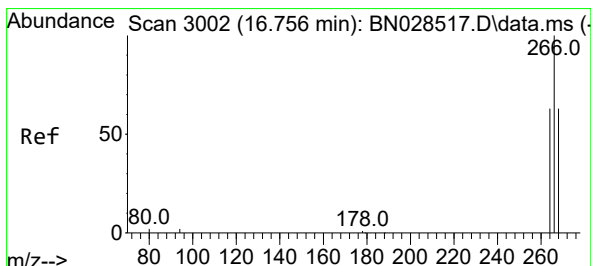
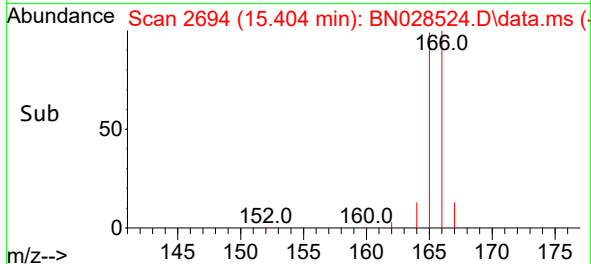
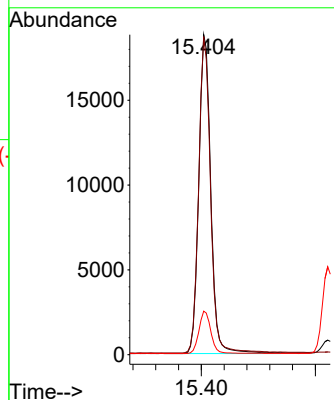
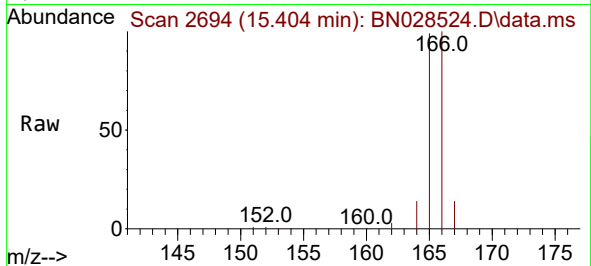




#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.404 min Scan# 2000
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

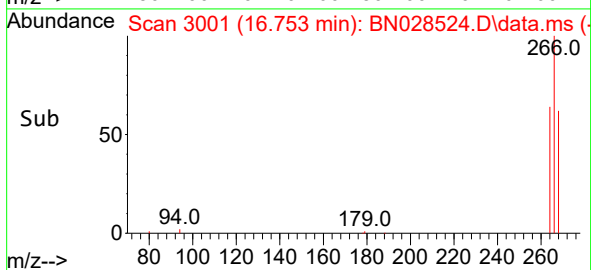
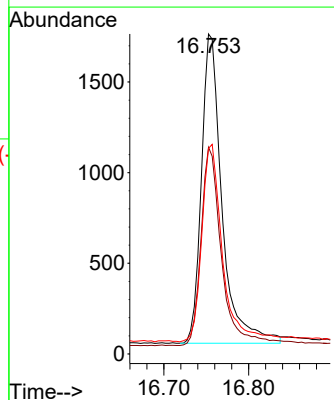
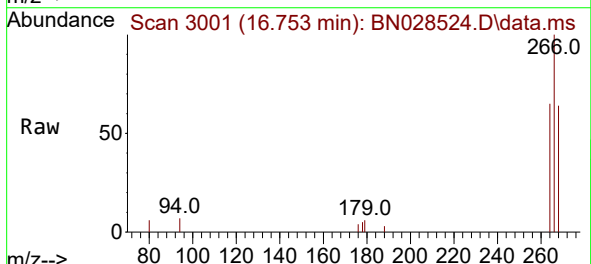
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

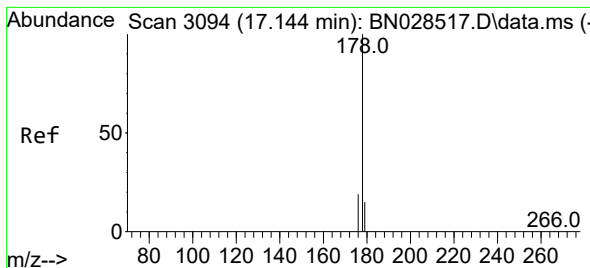
Tgt Ion:166 Resp: 27412
Ion Ratio Lower Upper
166 100
165 99.4 78.6 118.0
167 13.6 11.0 16.6



#14
Pentachlorophenol
Concen: 0.337 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion:266 Resp: 2874
Ion Ratio Lower Upper
266 100
264 63.8 50.1 75.1
268 64.5 50.6 75.8





#15

Phenanthrene

Concen: 0.414 ng/ul

RT: 17.145 min Scan# 3094

Delta R.T. 0.001 min

Lab File: BN028524.D

Acq: 09 Nov 2023 18:32

Instrument :

BNA_N

ClientSampleId :

SSTD0.4305

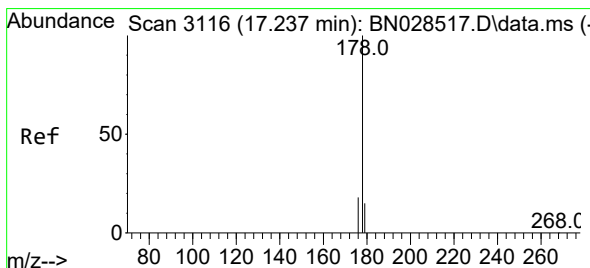
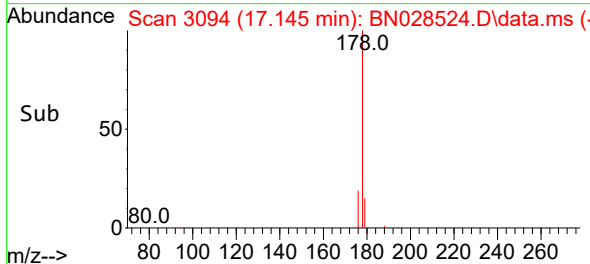
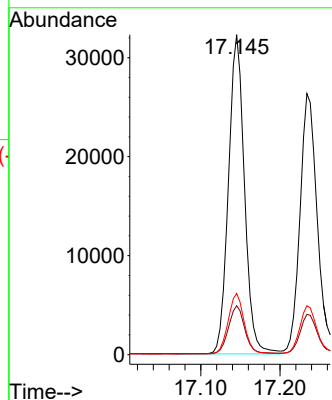
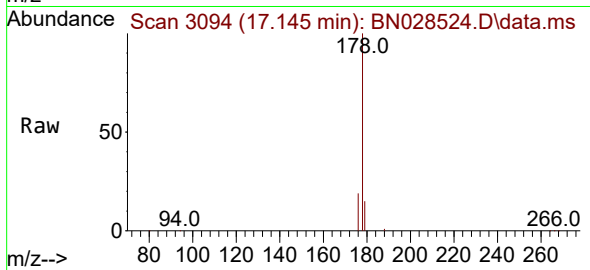
Tgt Ion:178 Resp: 45259

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.2 15.4 23.2



#16

Anthracene

Concen: 0.404 ng/ul

RT: 17.234 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BN028524.D

Acq: 09 Nov 2023 18:32

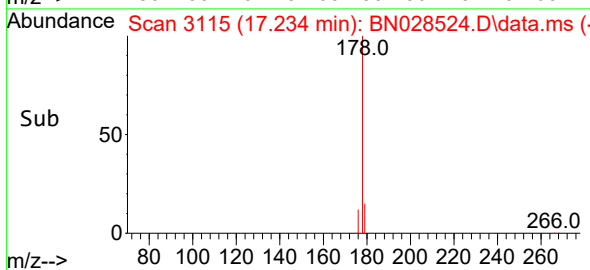
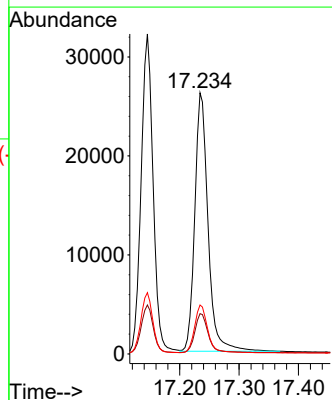
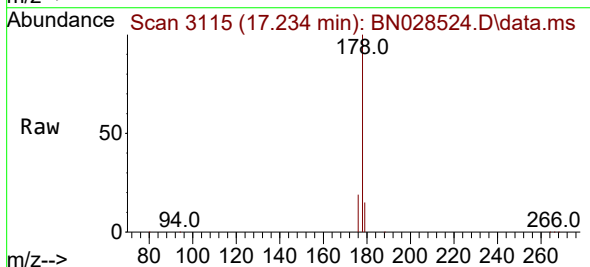
Tgt Ion:178 Resp: 40417

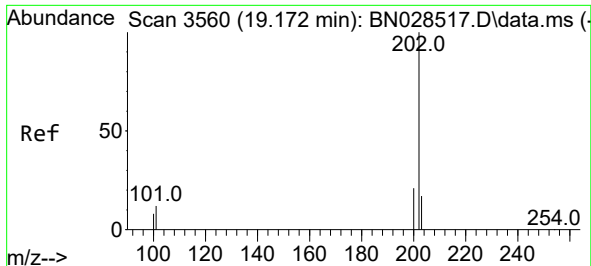
Ion Ratio Lower Upper

178 100

179 15.4 12.6 18.8

176 18.7 14.9 22.3

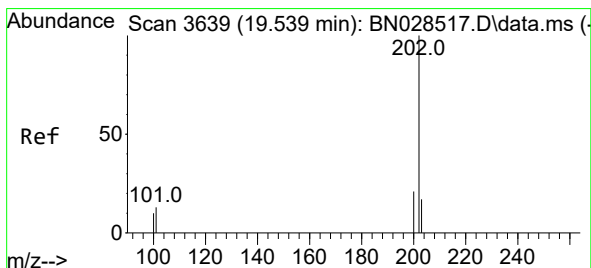
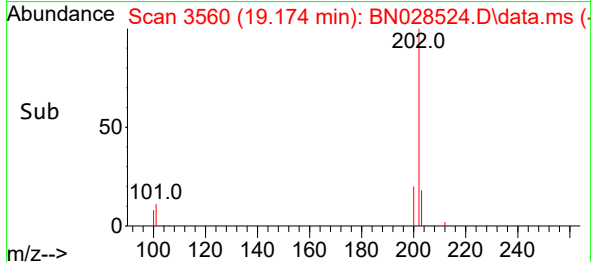
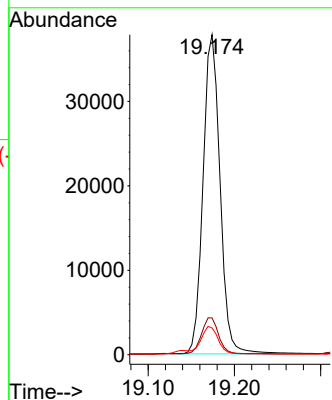
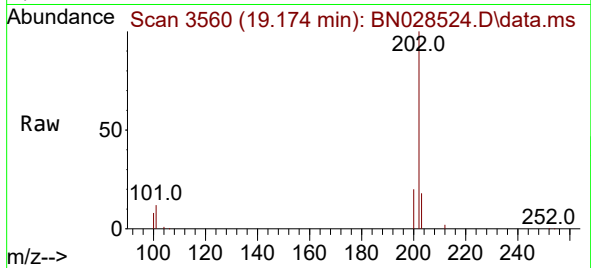




#19
Fluoranthene
Concen: 0.415 ng/ul
RT: 19.174 min Scan# 3560
Delta R.T. 0.002 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

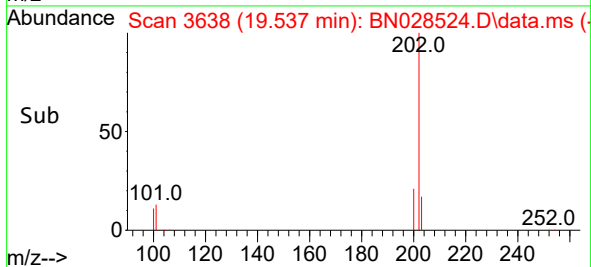
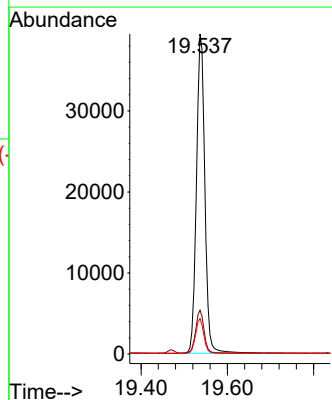
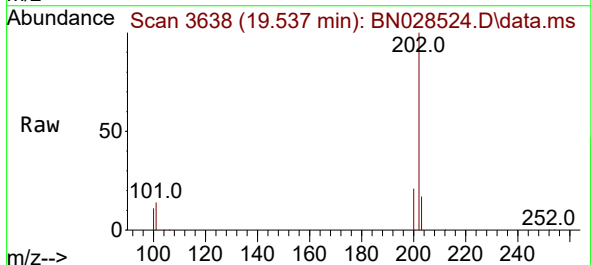
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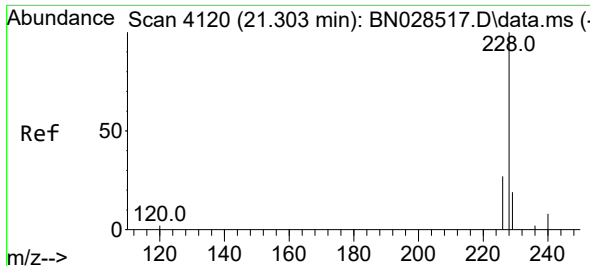
Tgt Ion:202 Resp: 51776
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 8.3 7.2 10.8



#20
Pyrene
Concen: 0.413 ng/ul
RT: 19.537 min Scan# 3638
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion:202 Resp: 53472
Ion Ratio Lower Upper
202 100
101 13.6 10.3 15.5
100 11.0 8.2 12.2

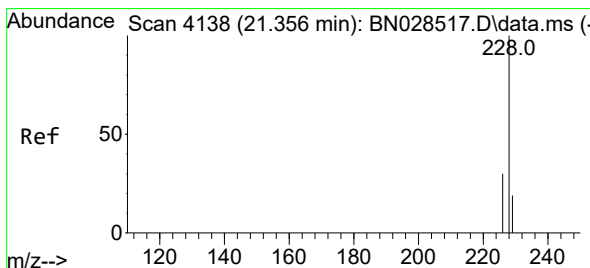
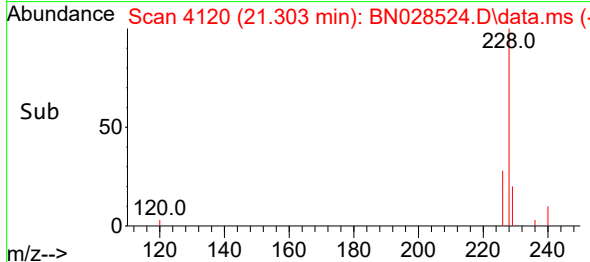
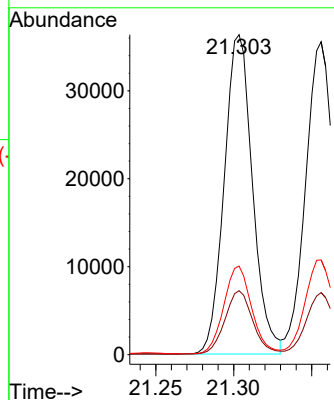
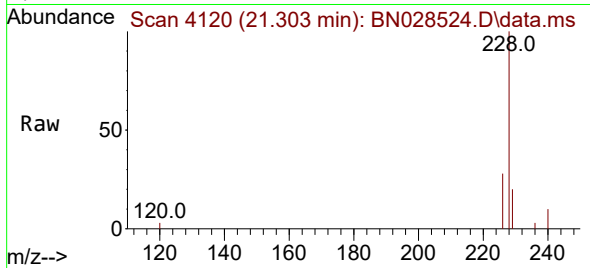




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.303 min Scan# 4120
Delta R.T. 0.000 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

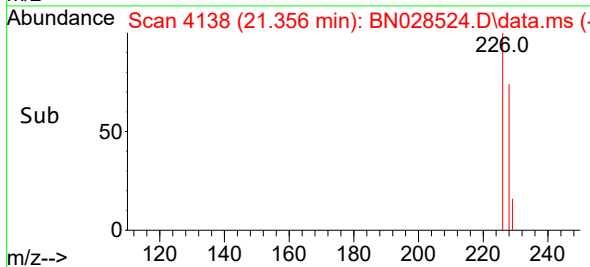
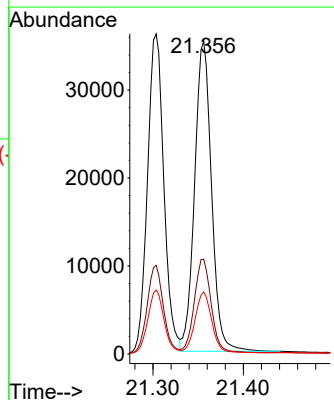
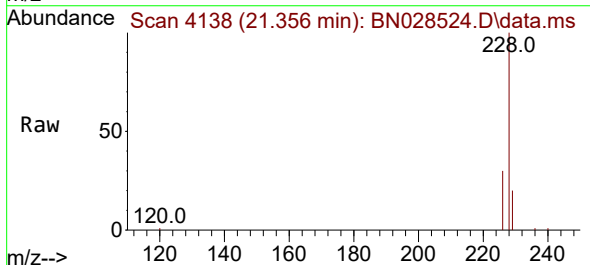
Instrument :
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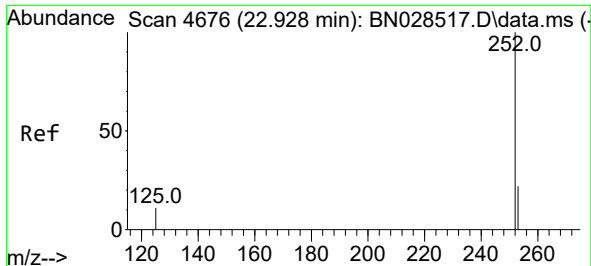
Tgt Ion:228 Resp: 45898
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.7 21.4 32.0



#22
Chrysene
Concen: 0.403 ng/ul
RT: 21.356 min Scan# 4138
Delta R.T. 0.000 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

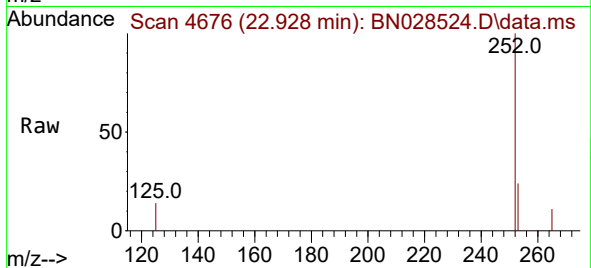
Tgt Ion:228 Resp: 45785
Ion Ratio Lower Upper
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226 30.3 23.8 35.8
229 19.8 15.4 23.2



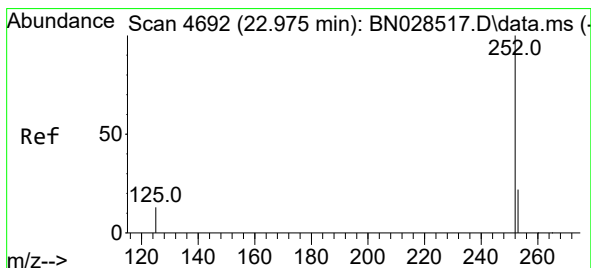
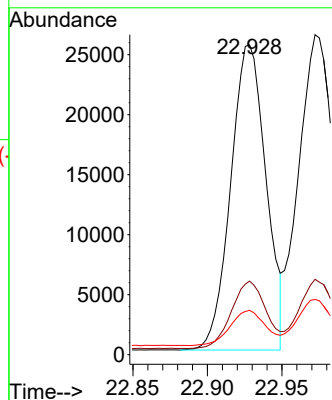
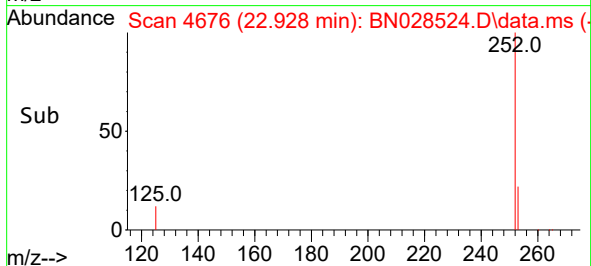


#24
Benzo(b)fluoranthene
Concen: 0.401 ng/ul
RT: 22.928 min Scan# 4676
Delta R.T. 0.000 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

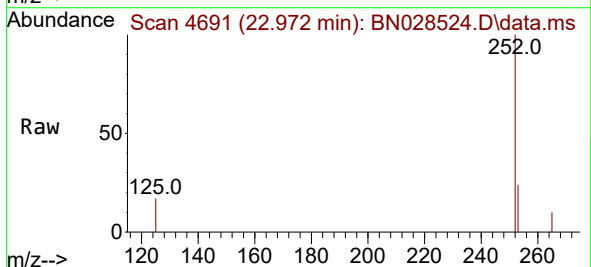
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305



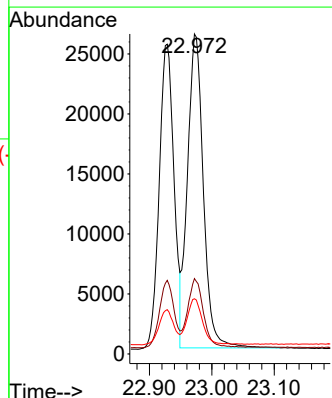
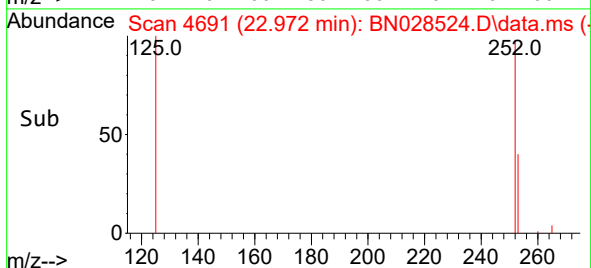
Tgt Ion:252 Resp: 41894
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.6
125 14.3 0.0 27.6

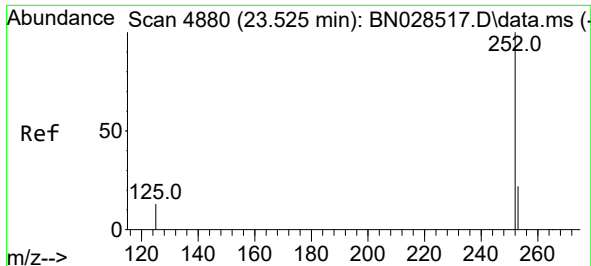


#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.972 min Scan# 4691
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32



Tgt Ion:252 Resp: 46272
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 17.2 12.7 19.1

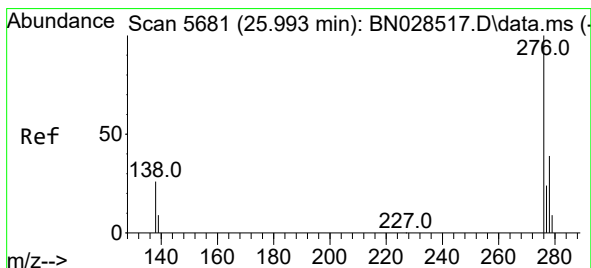
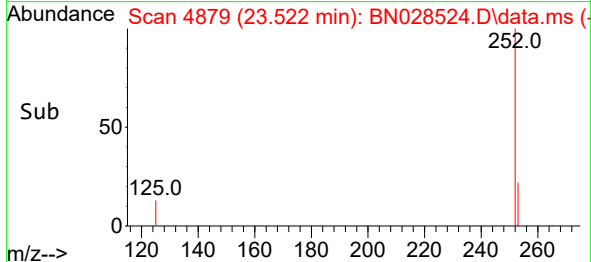
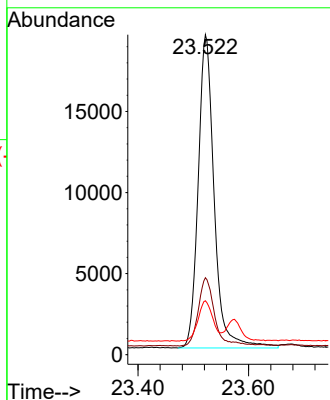
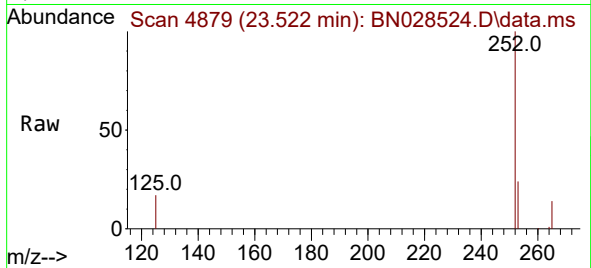




#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.522 min Scan# 4880
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

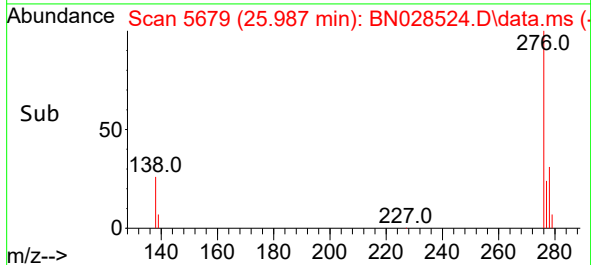
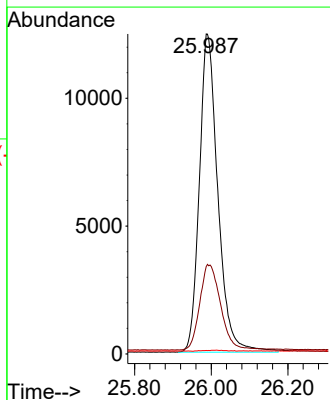
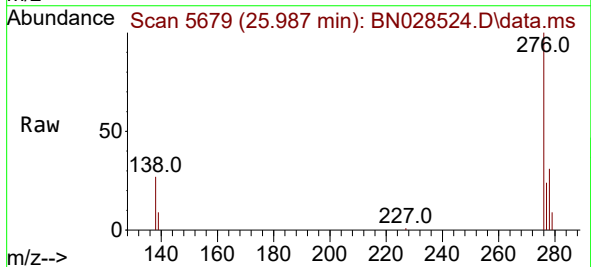
Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

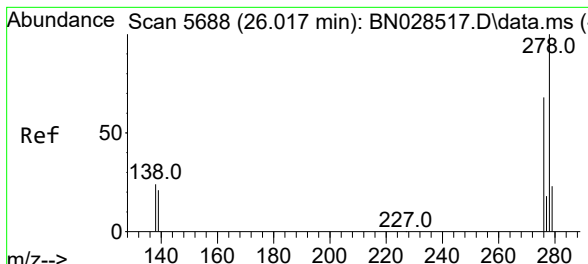
Tgt Ion:252 Resp: 38932
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.6
125 16.9 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng/ul
RT: 25.987 min Scan# 5679
Delta R.T. -0.007 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion:276 Resp: 41867
Ion Ratio Lower Upper
276 100
138 30.3 23.8 35.6
227 0.1 0.1 0.1#

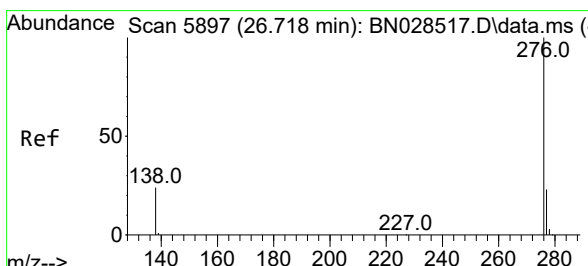
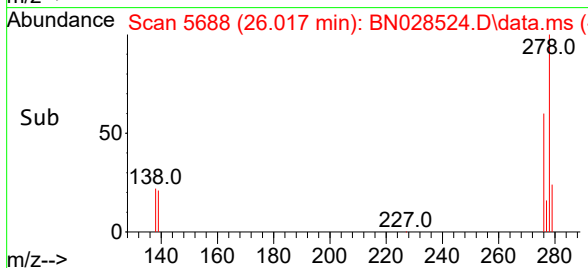
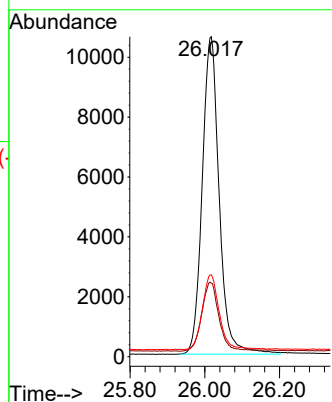
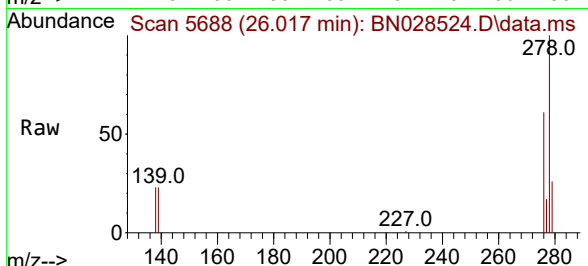




#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.017 min Scan# 5688
Delta R.T. 0.000 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Instrument :
BNA_N
ClientSampleId :
SSTD0.4305

Tgt Ion:278 Resp: 33476
Ion Ratio Lower Upper
278 100
139 23.0 18.2 27.4
279 25.6 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.379 ng/ul
RT: 26.715 min Scan# 5896
Delta R.T. -0.003 min
Lab File: BN028524.D
Acq: 09 Nov 2023 18:32

Tgt Ion:276 Resp: 34023
Ion Ratio Lower Upper
276 100
138 26.1 20.5 30.7
277 25.0 19.4 29.0

