

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101623\
 Data File : BN028294.D
 Acq On : 16 Oct 2023 17:26
 Operator : MA/JU
 Sample : PB156403BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

Quant Time: Oct 17 02:10:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 16:16:04 2023
 Response via : Initial Calibration

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

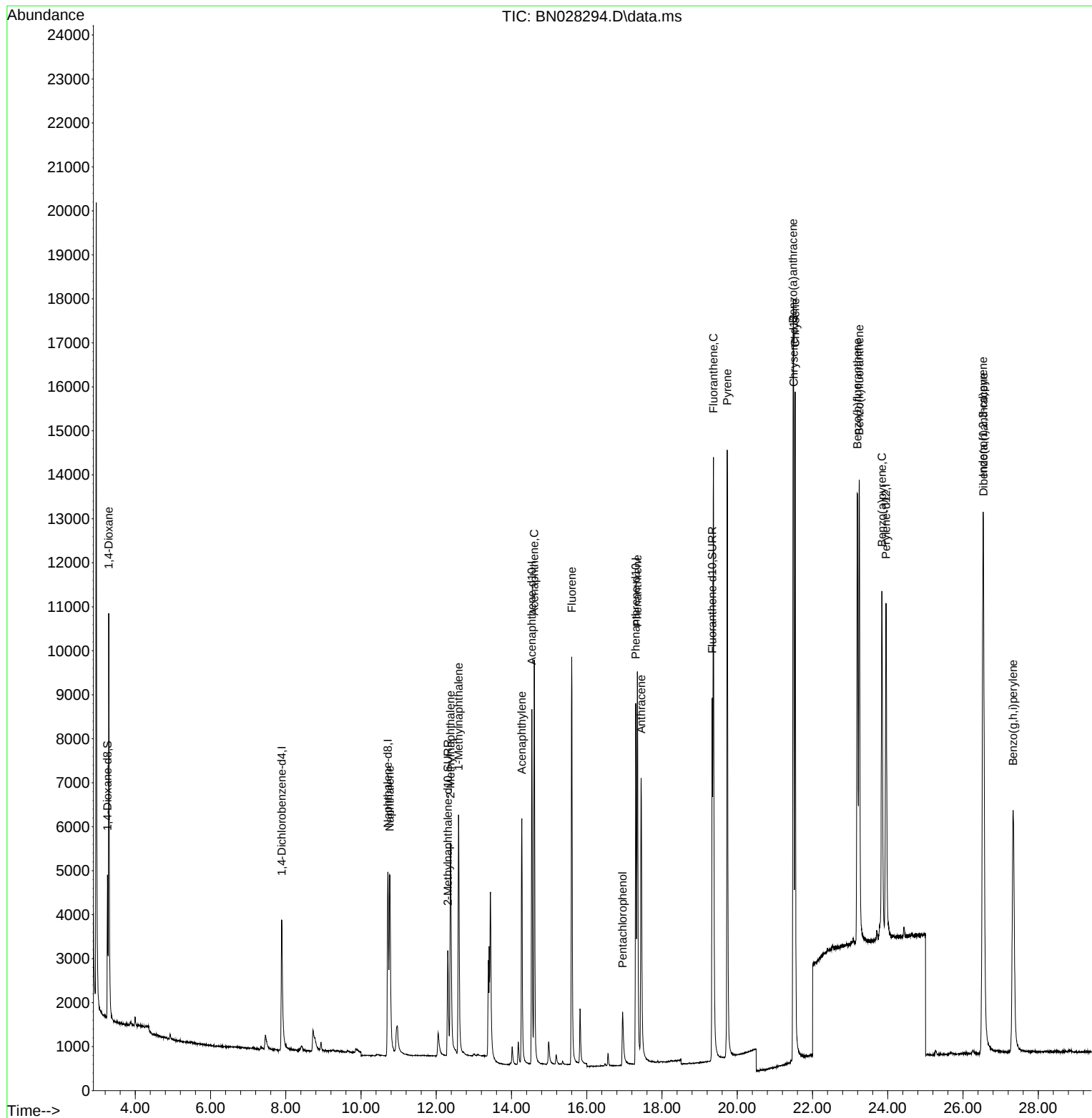
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.895	152	2535	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	8557	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.541	164	5195	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	11560	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	11099	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	12018	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.262	96	2115	0.664	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	4440	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.334	212	11340	0.322	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.296	88	6710	1.990	ng/ul#	87
5) Naphthalene	10.768	128	7912	0.326	ng/ul	97
7) 2-Methylnaphthalene	12.379	142	5046	0.329	ng/ul	99
8) 1-Methylnaphthalene	12.594	142	4986	0.314	ng/ul	100
10) Acenaphthylene	14.273	152	7839	0.333	ng/ul	99
11) Acenaphthene	14.606	153	6194	0.330	ng/ul	100
12) Fluorene	15.600	166	7074	0.339	ng/ul	99
14) Pentachlorophenol	16.953	266	1420	0.573	ng/ul	100
15) Phenanthrene	17.346	178	11676	0.339	ng/ul	98
16) Anthracene	17.447	178	10076	0.327	ng/ul	99
19) Fluoranthene	19.366	202	13948	0.329	ng/ul	99
20) Pyrene	19.734	202	14530	0.331	ng/ul	99
21) Benzo(a)anthracene	21.484	228	14016	0.346	ng/ul	99
22) Chrysene	21.539	228	14858	0.363	ng/ul	100
24) Benzo(b)fluoranthene	23.190	252	15249	0.342	ng/ul	99
25) Benzo(k)fluoranthene	23.243	252	15943	0.360	ng/ul	99
26) Benzo(a)pyrene	23.845	252	14303	0.376	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.532	276	17777	0.387	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.545	278	14476	0.387	ng/ul	99
29) Benzo(g,h,i)perylene	27.334	276	14734	0.392	ng/ul	98

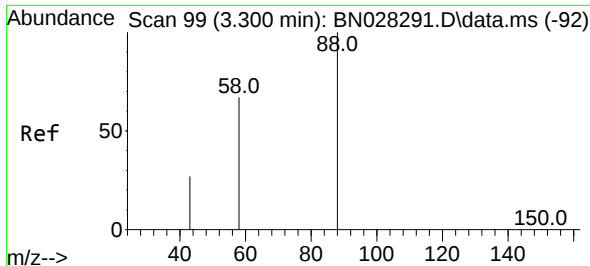
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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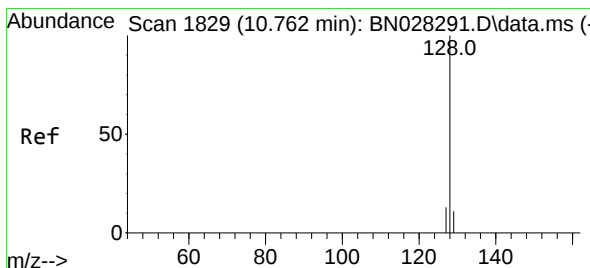
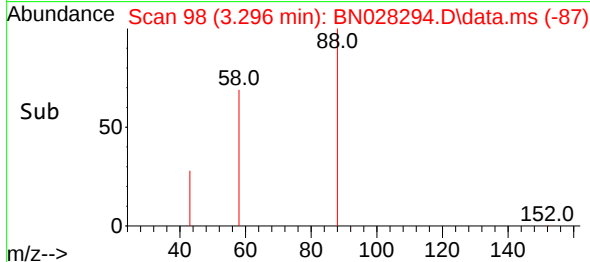
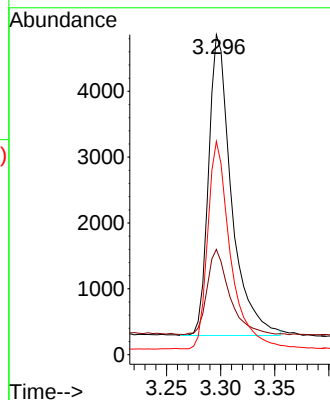
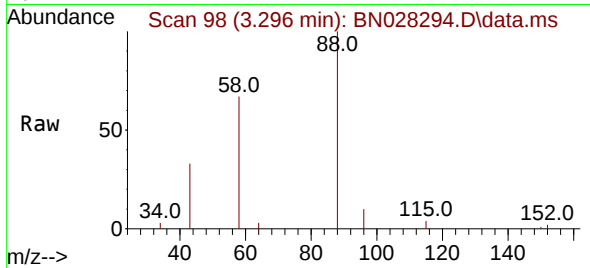




#2
1,4-Dioxane
Concen: 1.990 ng/ul
RT: 3.296 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

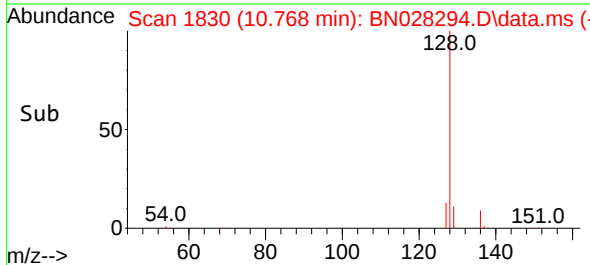
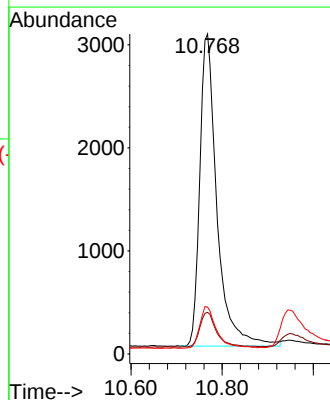
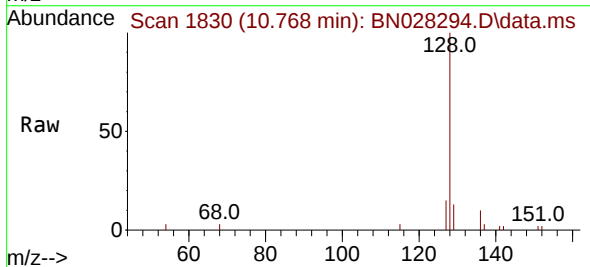
Instrument :
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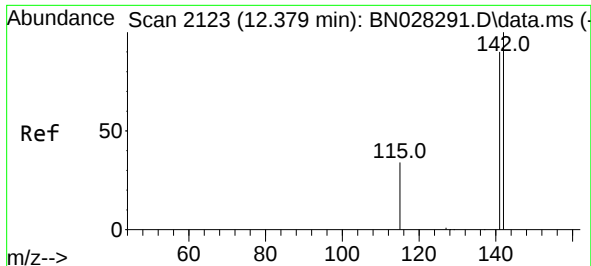
Tgt Ion: 88 Resp: 6710
Ion Ratio Lower Upper
88 100
43 32.9 33.4 50.2#
58 66.6 45.7 68.5



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.768 min Scan# 1830
Delta R.T. 0.005 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:128 Resp: 7912
Ion Ratio Lower Upper
128 100
129 13.0 9.4 14.0
127 14.6 11.0 16.4

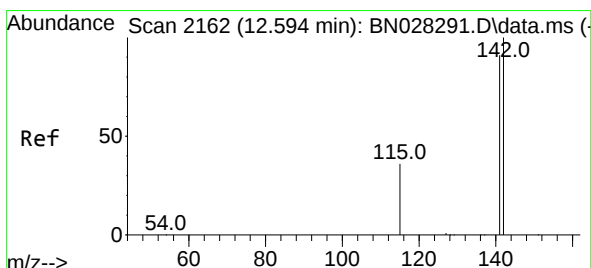
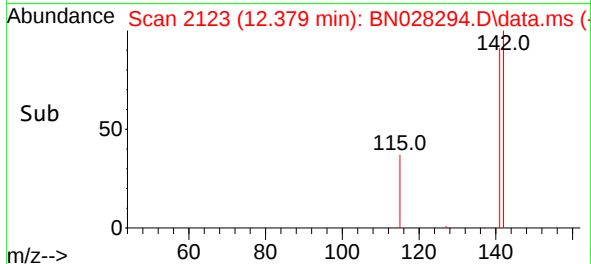
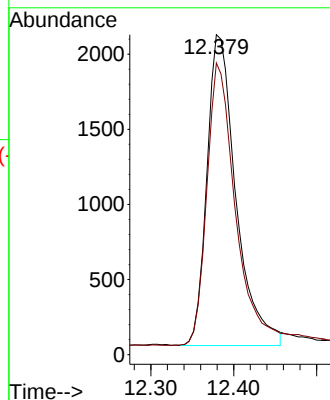
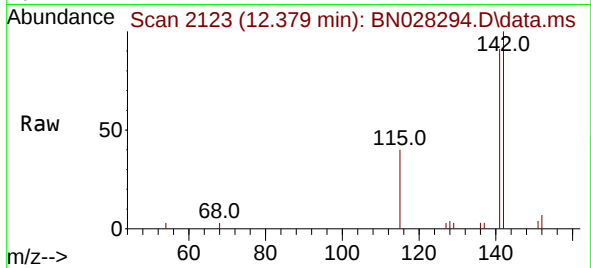




#7
2-Methylnaphthalene
Concen: 0.329 ng/ul
RT: 12.379 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

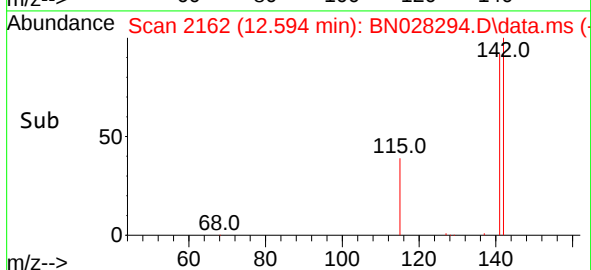
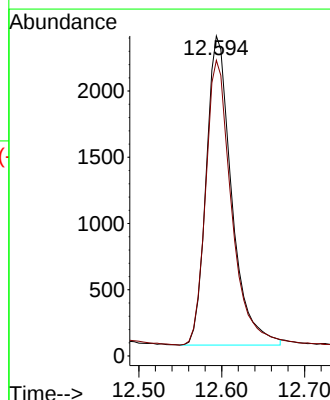
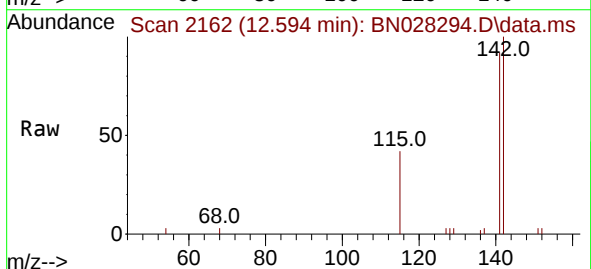
Instrument :
BNA_N
ClientSampleId :
SLCS403

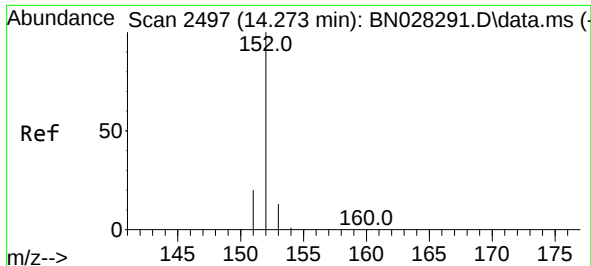
Tgt Ion:142 Resp: 5046
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:142 Resp: 4986
Ion Ratio Lower Upper
142 100
141 93.5 74.4 111.6

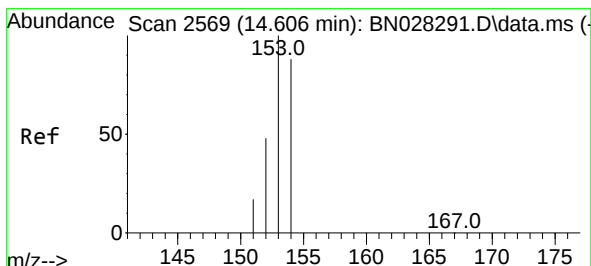
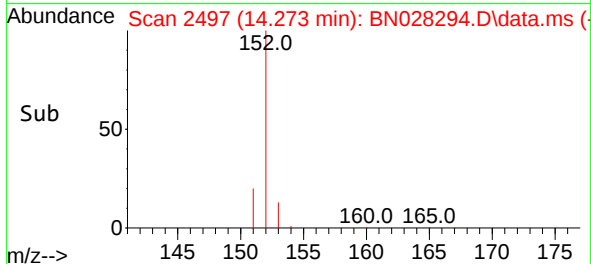
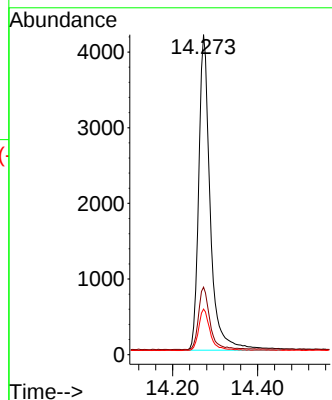
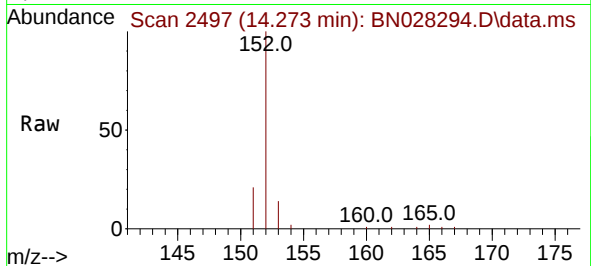




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.273 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

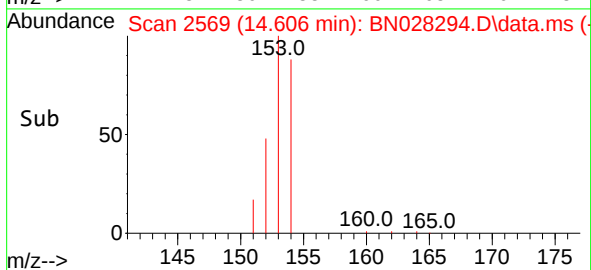
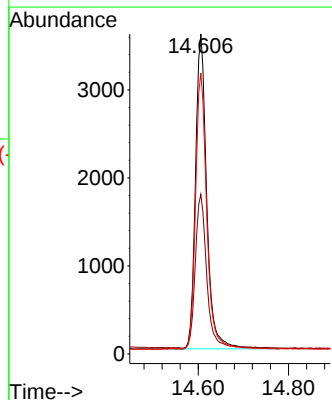
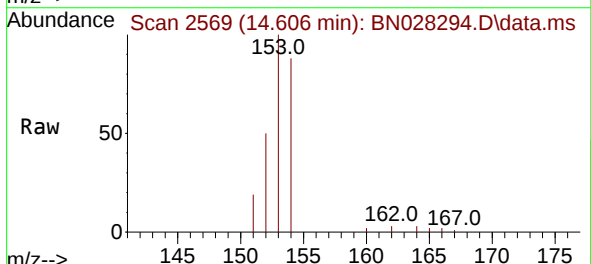
Instrument :
BNA_N
ClientSampleId :
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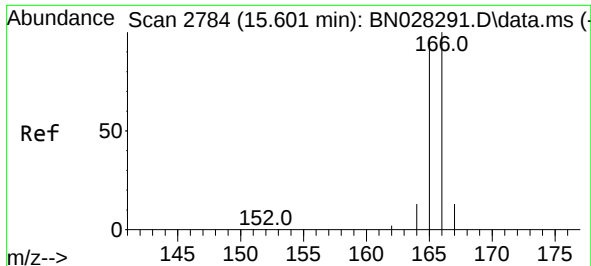
Tgt Ion:152 Resp: 7839
Ion Ratio Lower Upper
152 100
151 21.1 16.4 24.6
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.330 ng/ul
RT: 14.606 min Scan# 2569
Delta R.T. -0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:153 Resp: 6194
Ion Ratio Lower Upper
153 100
152 49.9 39.4 59.0
154 87.8 70.2 105.4

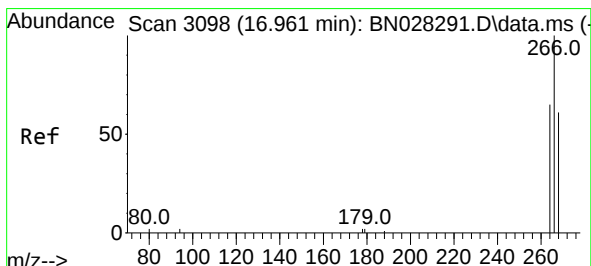
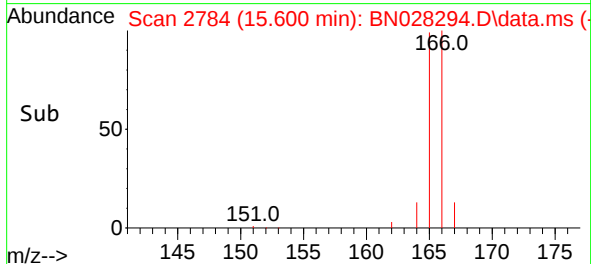
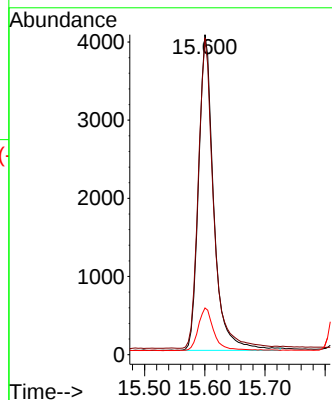
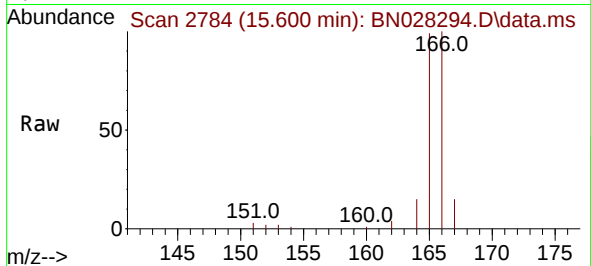




#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.600 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

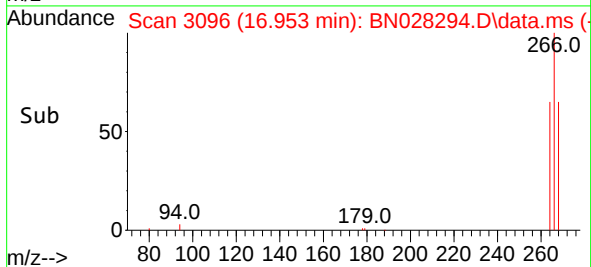
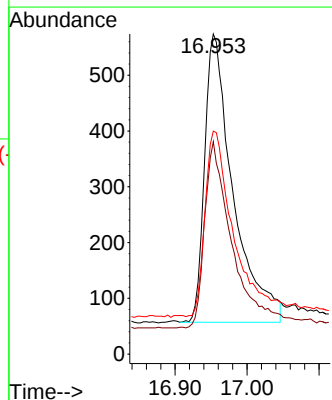
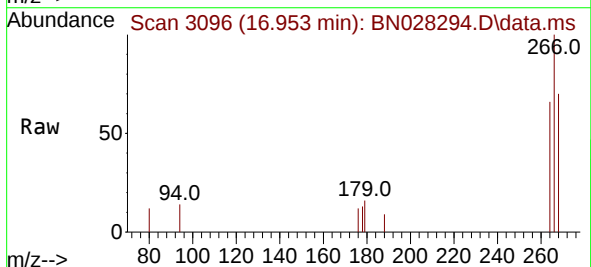
Instrument :
BNA_N
ClientSampleId :
SLCS403

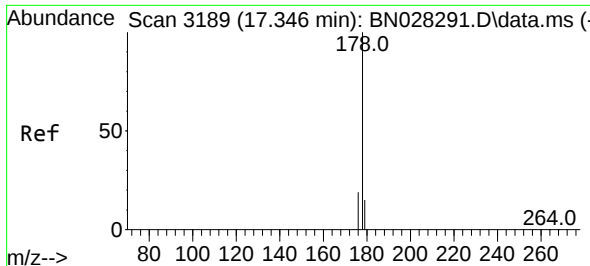
Tgt Ion:166 Resp: 7074
Ion Ratio Lower Upper
166 100
165 99.0 78.5 117.7
167 14.6 11.2 16.8



#14
Pentachlorophenol
Concen: 0.573 ng/ul
RT: 16.953 min Scan# 3096
Delta R.T. -0.008 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:266 Resp: 1420
Ion Ratio Lower Upper
266 100
264 62.0 49.6 74.4
268 64.7 52.2 78.4

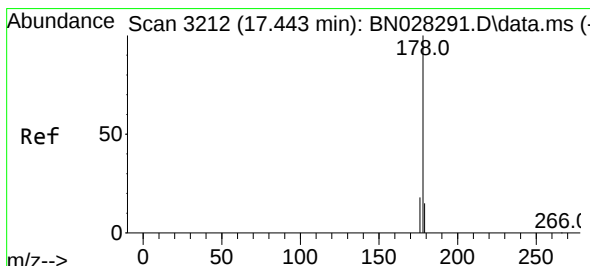
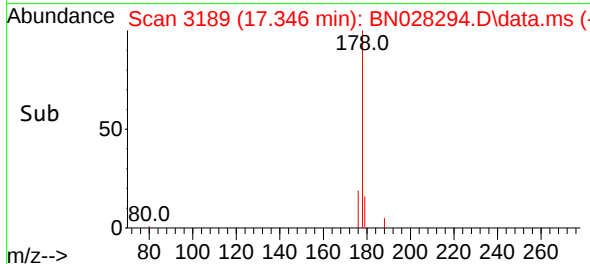
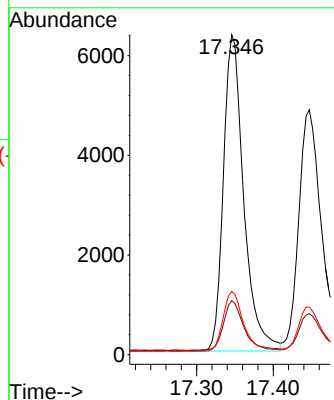
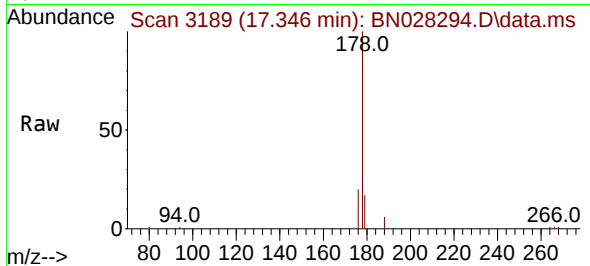




#15
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.346 min Scan# 3189
Delta R.T. 0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

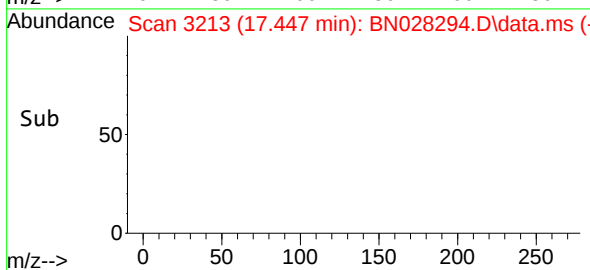
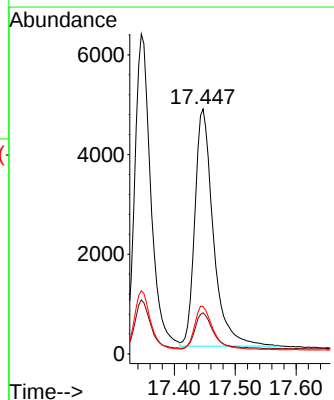
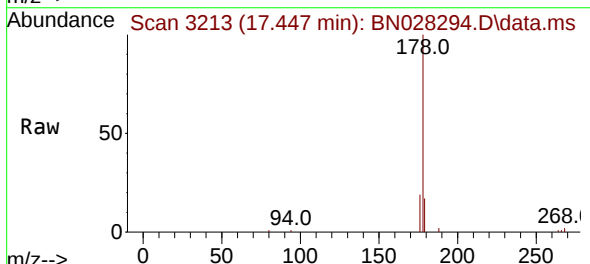
Instrument :
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ClientSampleId :
SLCS403

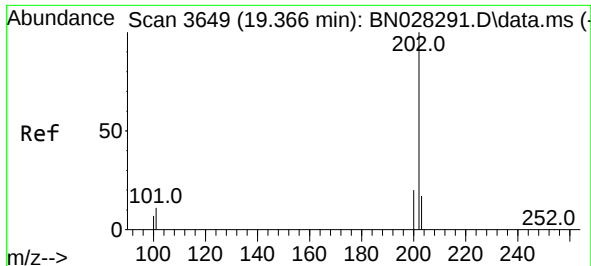
Tgt Ion:178	Resp:	11676
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.6 19.0
176	19.8	15.5 23.3



#16
Anthracene
Concen: 0.327 ng/ul
RT: 17.447 min Scan# 3213
Delta R.T. 0.004 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:178	Resp:	10076
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.8 19.2
176	19.3	15.0 22.6

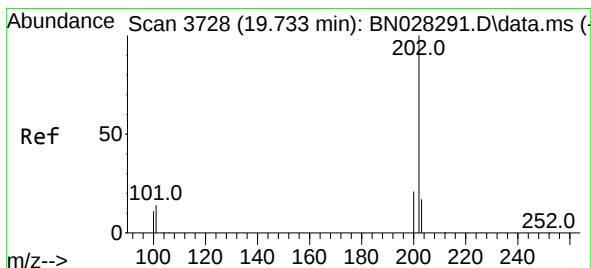
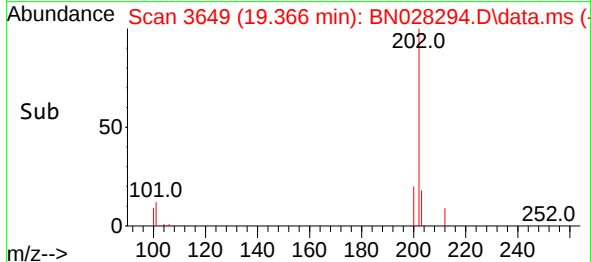
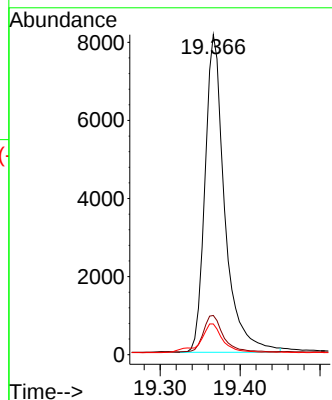
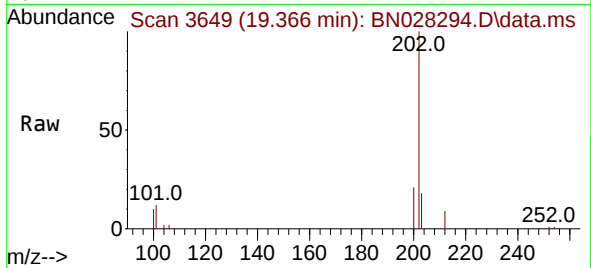




#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 19.366 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

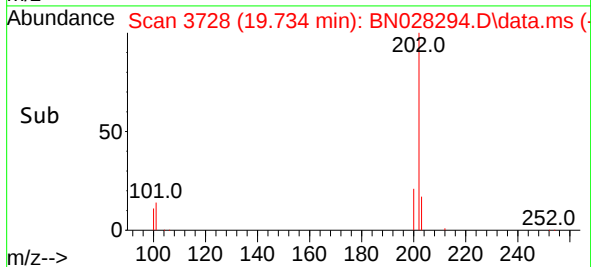
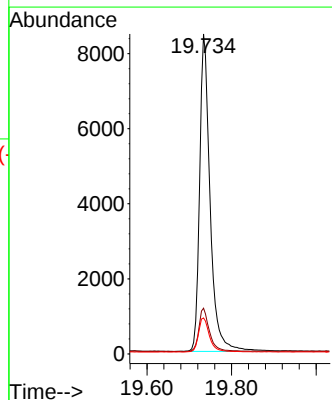
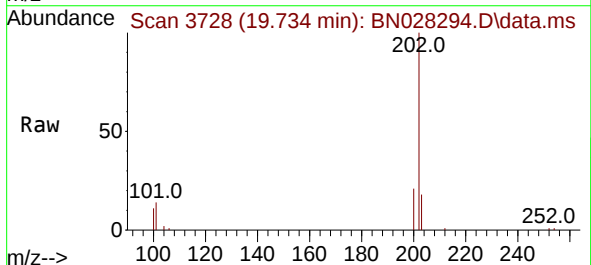
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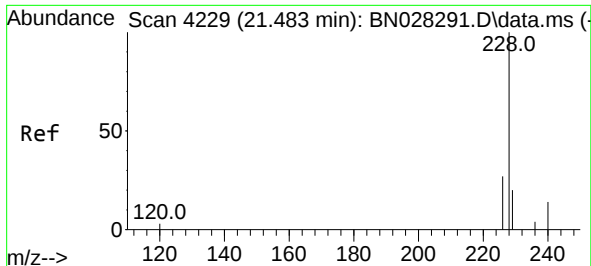
Tgt Ion:202 Resp: 13948
Ion Ratio Lower Upper
202 100
101 12.2 9.6 14.4
100 9.6 7.4 11.0



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.734 min Scan# 3728
Delta R.T. 0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:202 Resp: 14530
Ion Ratio Lower Upper
202 100
101 14.3 11.2 16.8
100 11.3 9.1 13.7

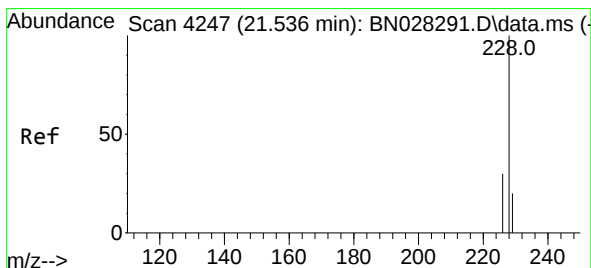
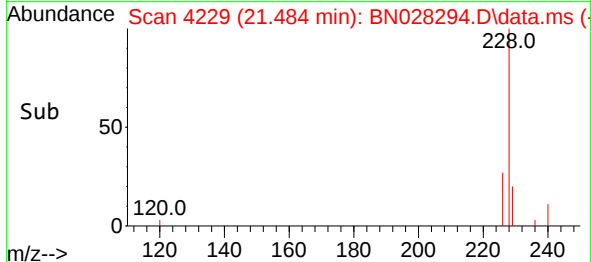
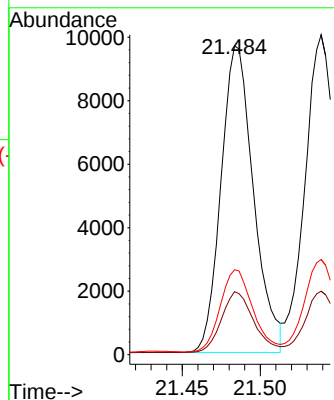
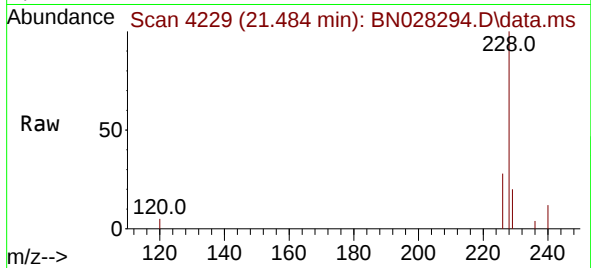




#21
Benzo(a)anthracene
Concen: 0.346 ng/u1
RT: 21.484 min Scan# 4229
Delta R.T. 0.000 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

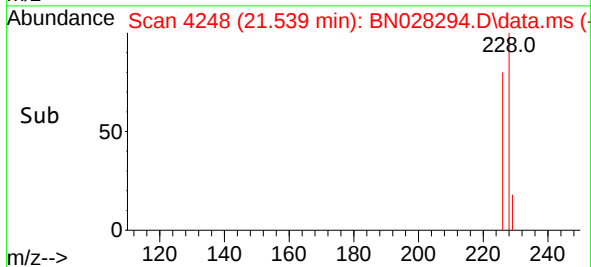
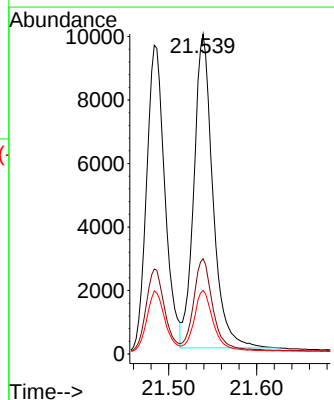
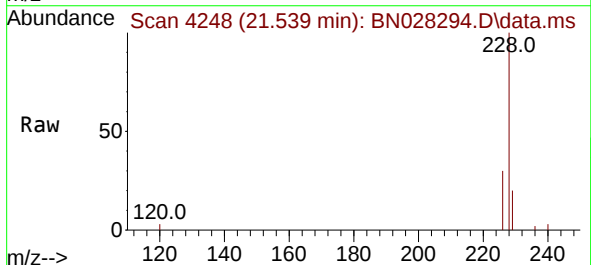
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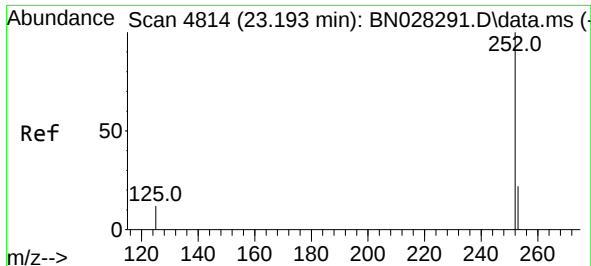
Tgt Ion:228 Resp: 14016
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.363 ng/u1
RT: 21.539 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

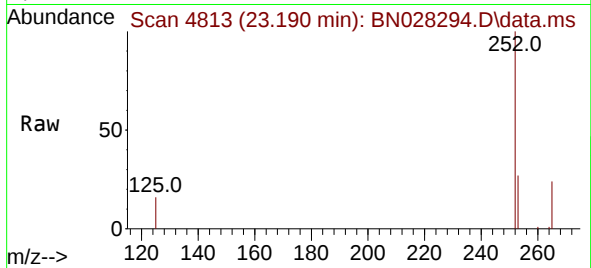
Tgt Ion:228 Resp: 14858
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.9 16.0 24.0



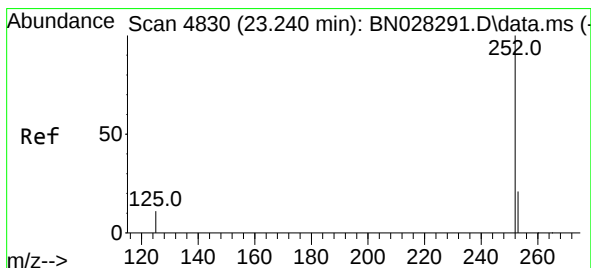
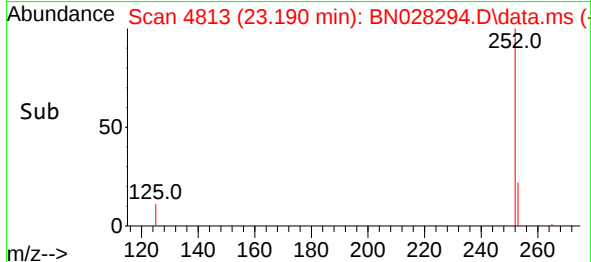
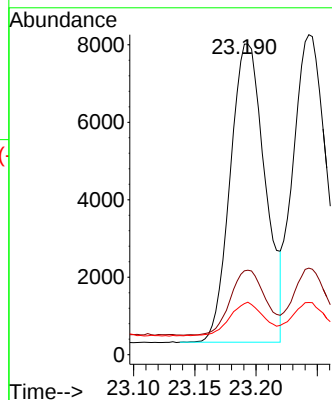


#24
Benzo(b)fluoranthene
Concen: 0.342 ng/ul
RT: 23.190 min Scan# 4813
Delta R.T. -0.003 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Instrument :
BNA_N
ClientSampleId :
SLCS403

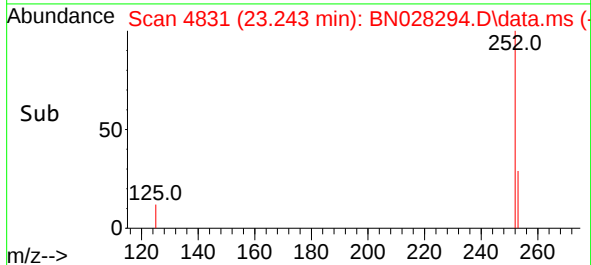
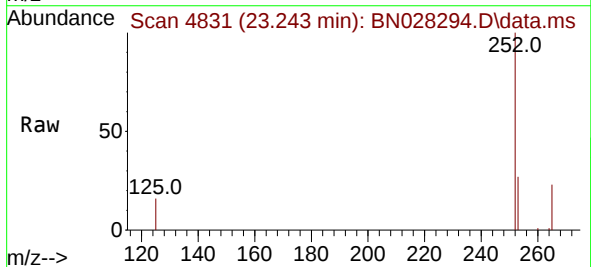
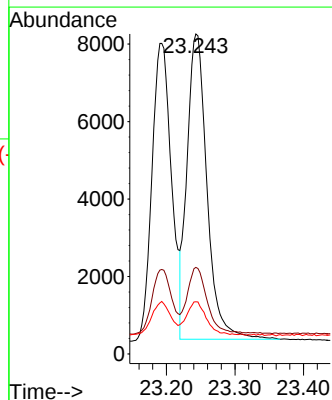


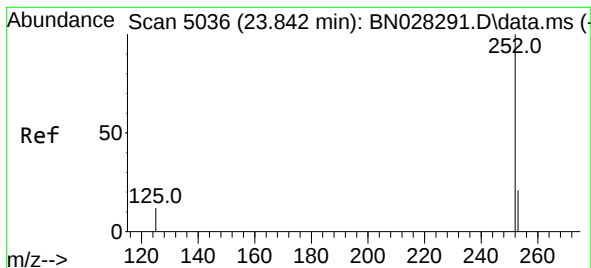
Tgt Ion:252 Resp: 15249
Ion Ratio Lower Upper
252 100
253 27.0 0.0 54.0
125 16.4 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.360 ng/ul
RT: 23.243 min Scan# 4831
Delta R.T. 0.003 min
Lab File: BN028294.D
Acq: 16 Oct 2023 17:26

Tgt Ion:252 Resp: 15943
Ion Ratio Lower Upper
252 100
253 27.1 21.8 32.8
125 16.3 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.376 ng/ul

RT: 23.845 min Scan# 5036

Delta R.T. 0.003 min

Lab File: BN028294.D

Acq: 16 Oct 2023 17:26

Instrument :

BNA_N

ClientSampleId :

SLCS403

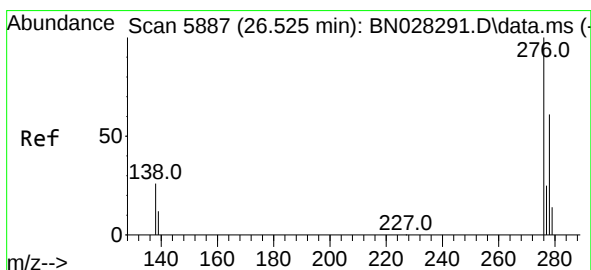
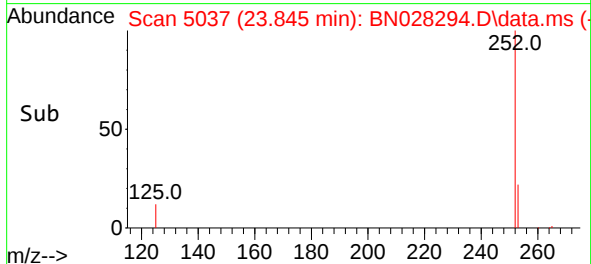
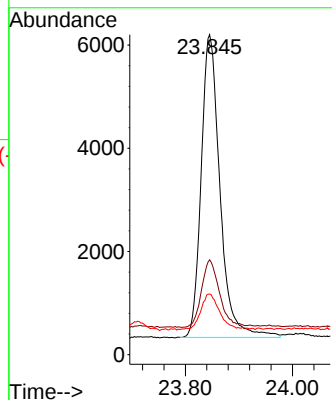
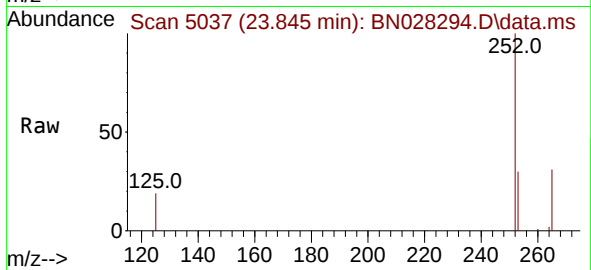
Tgt Ion:252 Resp: 14303

Ion Ratio Lower Upper

252 100

253 29.7 23.4 35.2

125 18.9 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng/ul

RT: 26.532 min Scan# 5889

Delta R.T. 0.007 min

Lab File: BN028294.D

Acq: 16 Oct 2023 17:26

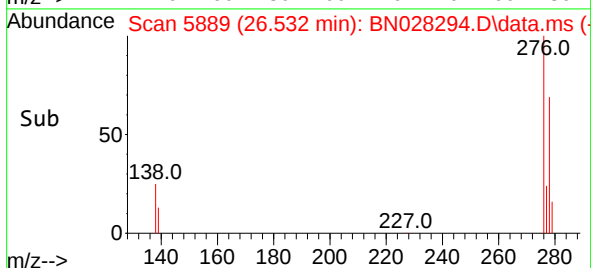
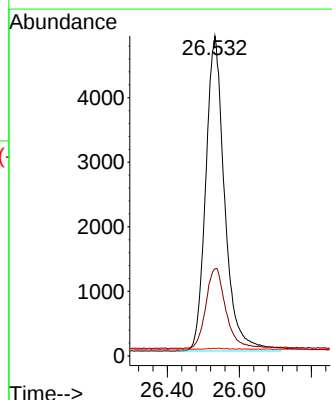
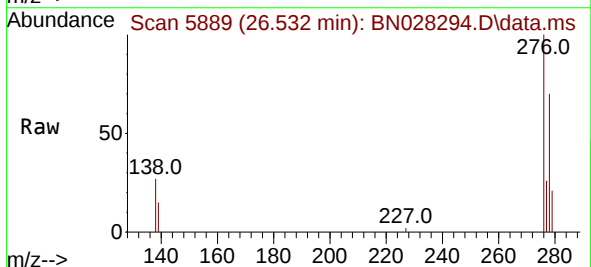
Tgt Ion:276 Resp: 17777

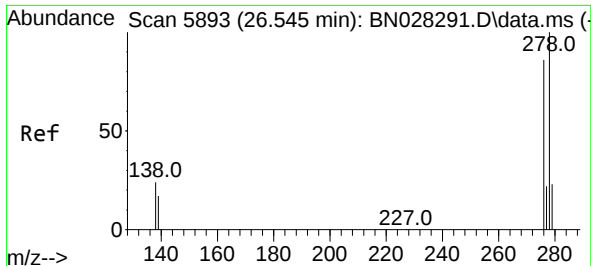
Ion Ratio Lower Upper

276 100

138 26.7 21.6 32.4

227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.387 ng/ul

RT: 26.545 min Scan# 5893

Delta R.T. 0.000 min

Lab File: BN028294.D

Acq: 16 Oct 2023 17:26

Instrument :

BNA_N

ClientSampleId :

SLCS403

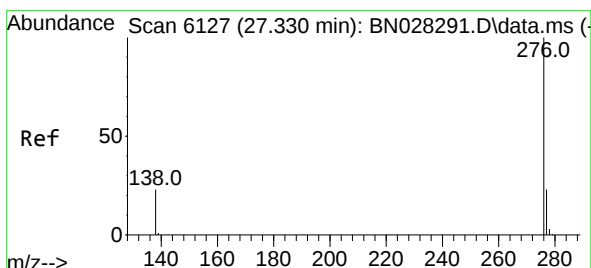
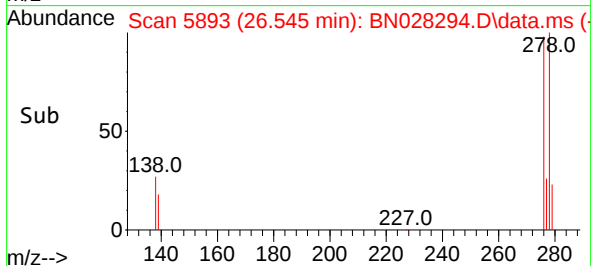
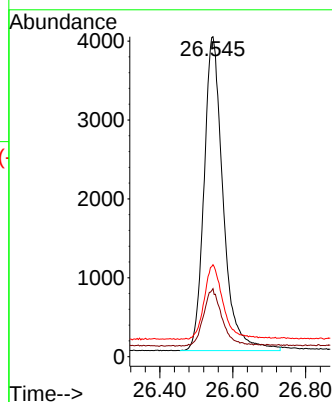
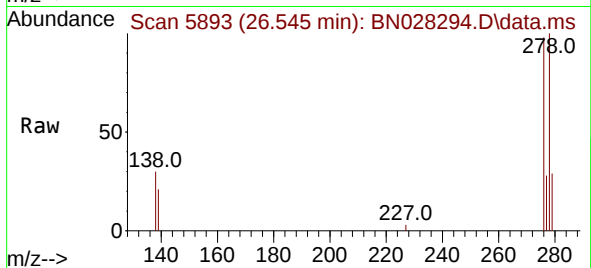
Tgt Ion:278 Resp: 14476

Ion Ratio Lower Upper

278 100

139 21.3 15.9 23.9

279 28.7 22.8 34.2



#29

Benzo(g,h,i)perylene

Concen: 0.392 ng/ul

RT: 27.334 min Scan# 6128

Delta R.T. 0.004 min

Lab File: BN028294.D

Acq: 16 Oct 2023 17:26

Tgt Ion:276 Resp: 14734

Ion Ratio Lower Upper

276 100

138 26.3 19.8 29.6

277 26.0 20.6 31.0

