

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028110.D
 Acq On : 07 Oct 2023 08:06
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4292

Quant Time: Oct 08 00:50:29 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 : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

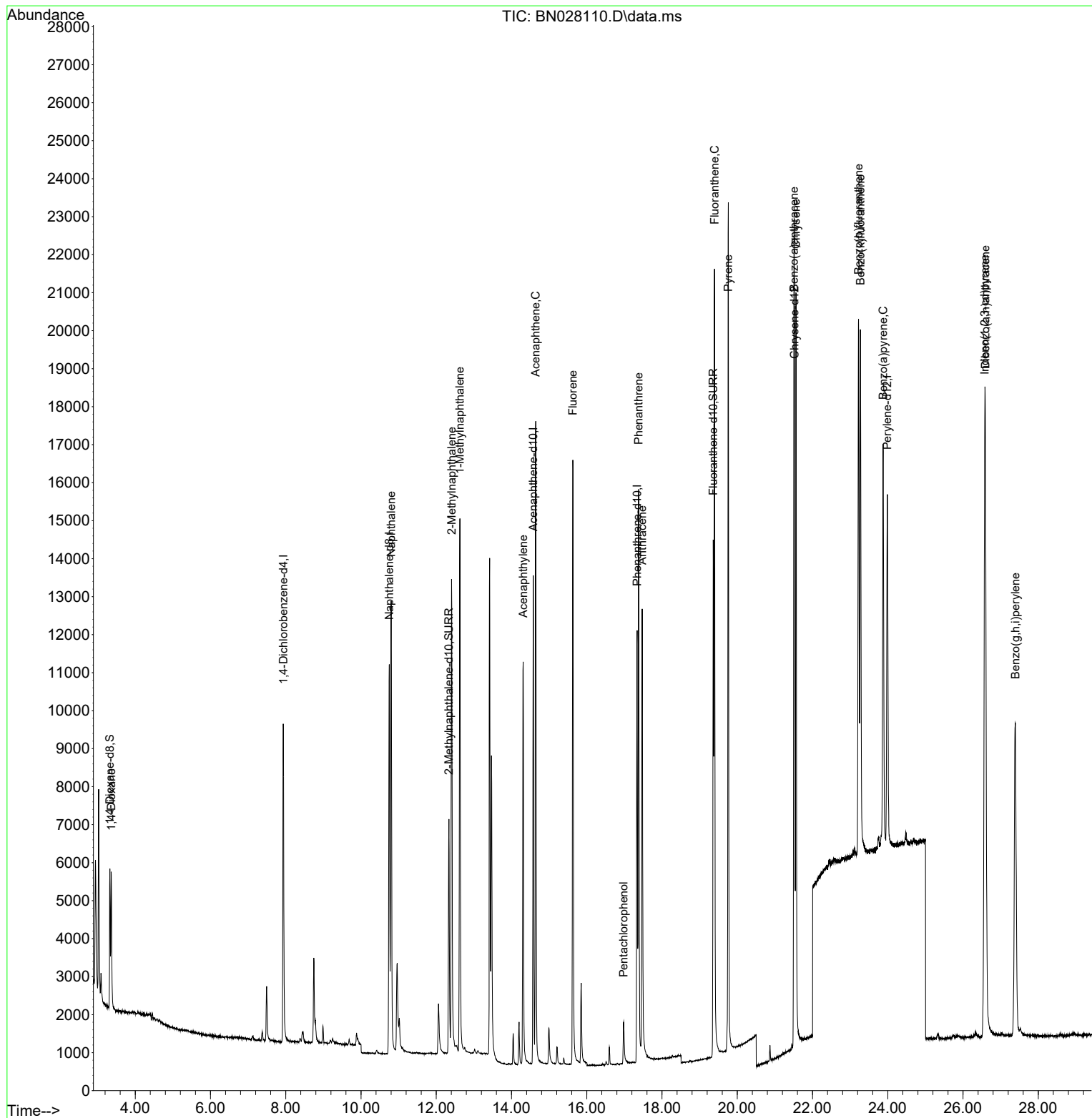
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	4914	0.400	ng/ul	0.00
4) Naphthalene-d8	10.751	136	14980	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.578	164	7444	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.337	188	14033	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	12350	0.400	ng/ul	0.00
23) Perylene-d12	23.989	264	13893	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	2628	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.335	152	8964	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	15748	0.402	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.363	88	2714	0.415	ng/ul	98
5) Naphthalene	10.801	128	17101	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	10037	0.374	ng/ul	100
8) 1-Methylnaphthalene	12.627	142	10254	0.369	ng/ul	99
10) Acenaphthylene	14.310	152	13642	0.404	ng/ul	100
11) Acenaphthene	14.643	153	10668	0.397	ng/ul	100
12) Fluorene	15.628	166	11410	0.382	ng/ul	98
14) Pentachlorophenol	16.978	266	1028	0.342	ng/ul	99
15) Phenanthrene	17.380	178	17088	0.409	ng/ul	99
16) Anthracene	17.472	178	15263	0.408	ng/ul	100
19) Fluoranthene	19.394	202	18845	0.400	ng/ul	99
20) Pyrene	19.762	202	19637	0.402	ng/ul	99
21) Benzo(a)anthracene	21.507	228	18210	0.404	ng/ul	99
22) Chrysene	21.562	228	18432	0.405	ng/ul	99
24) Benzo(b)fluoranthene	23.223	252	19769	0.384	ng/ul	95
25) Benzo(k)fluoranthene	23.272	252	20005	0.390	ng/ul	96
26) Benzo(a)pyrene	23.875	252	17681	0.403	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.576	276	24018	0.452	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.593	278	19484	0.451	ng/ul	98
29) Benzo(g,h,i)perylene	27.391	276	20188	0.465	ng/ul	99

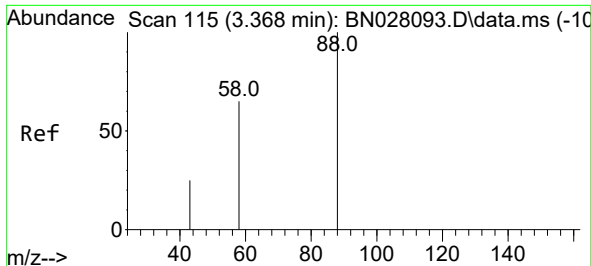
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028110.D
Acq On : 07 Oct 2023 08:06
Operator : MA/JU
Sample : SSTDC00.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4292

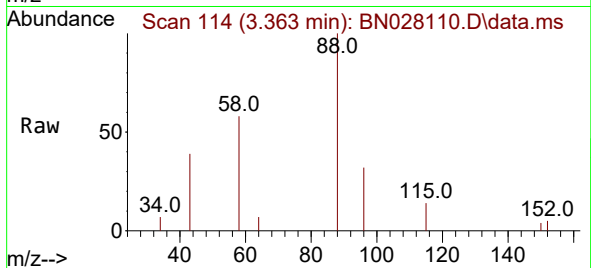
Quant Time: Oct 08 00:50:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
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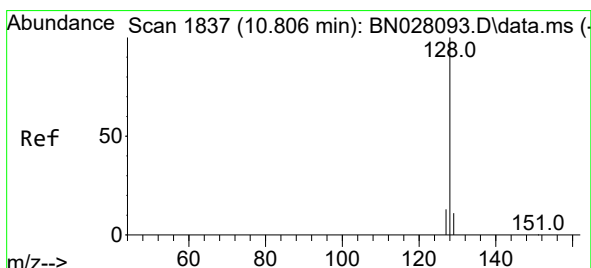
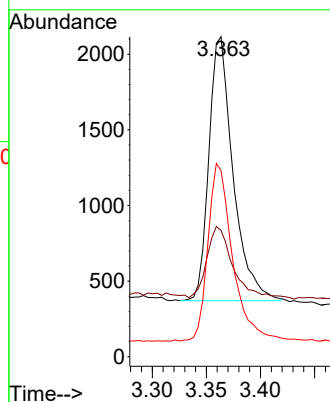
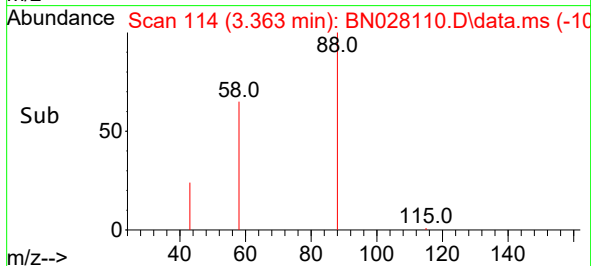


#2
1,4-Dioxane
Concen: 0.415 ng/ul
RT: 3.363 min Scan# 114
Delta R.T. -0.000 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

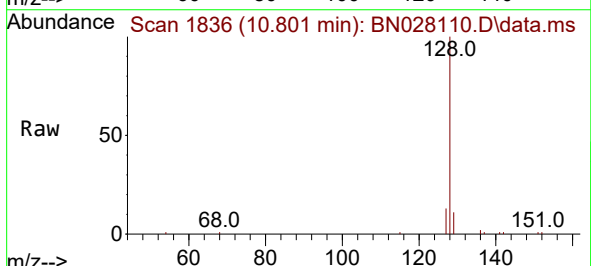
Instrument :
BNA_N
ClientSampleId :
SSTD0.4292



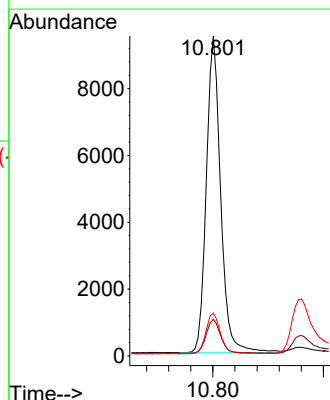
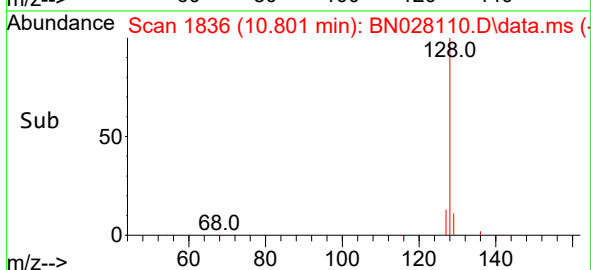
Tgt Ion: 88 Resp: 2714
Ion Ratio Lower Upper
88 100
43 39.5 33.4 50.2
58 58.2 45.7 68.5

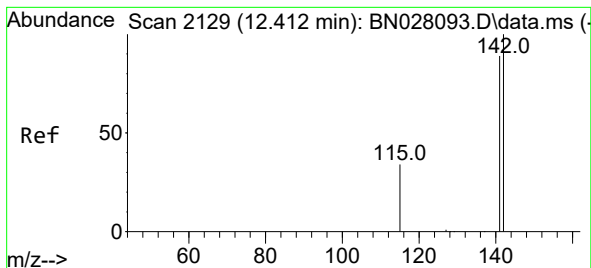


#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.801 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06



Tgt Ion: 128 Resp: 17101
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.4 11.0 16.4

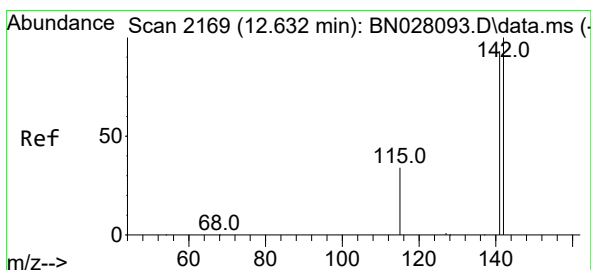
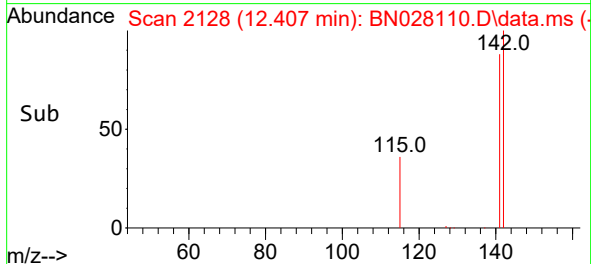
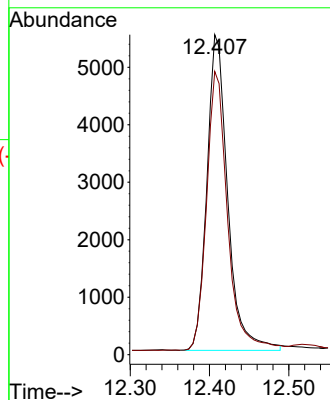
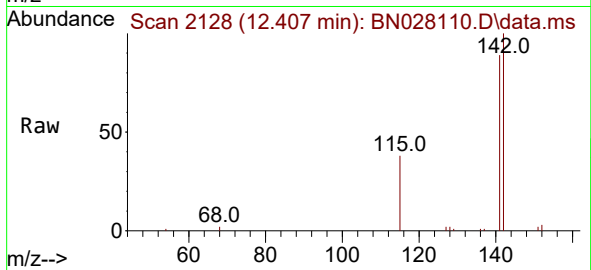




#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.407 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

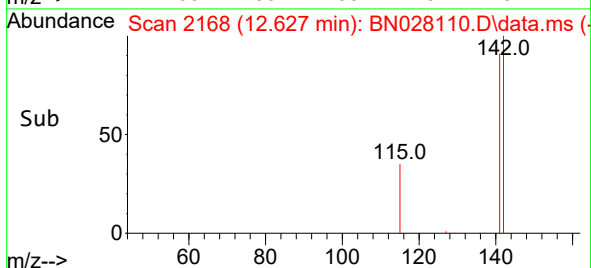
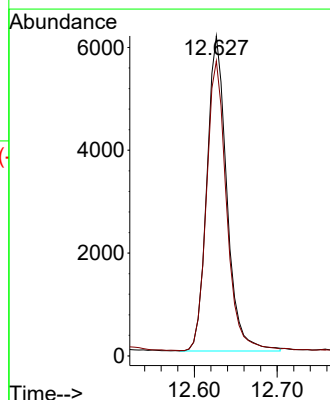
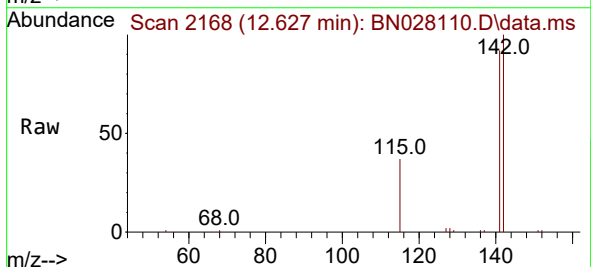
Instrument :
BNA_N
ClientSampleId :
SSTD0.4292

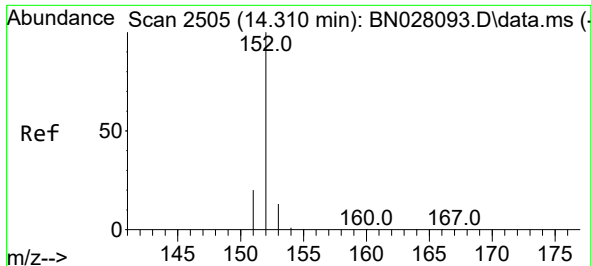
Tgt Ion:142 Resp: 10037
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.627 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Tgt Ion:142 Resp: 10254
Ion Ratio Lower Upper
142 100
141 92.1 74.4 111.6

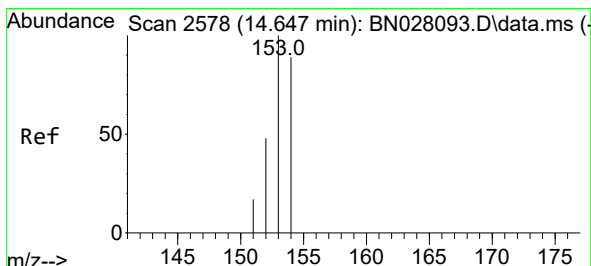
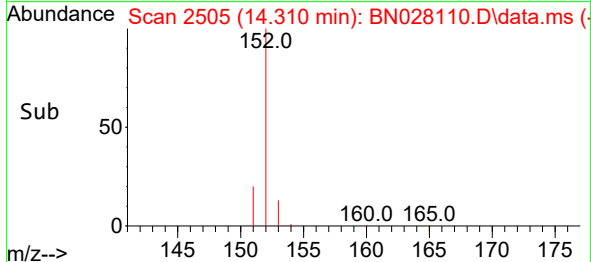
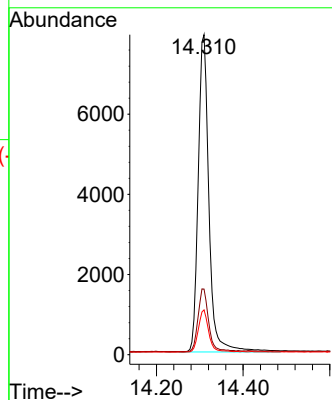
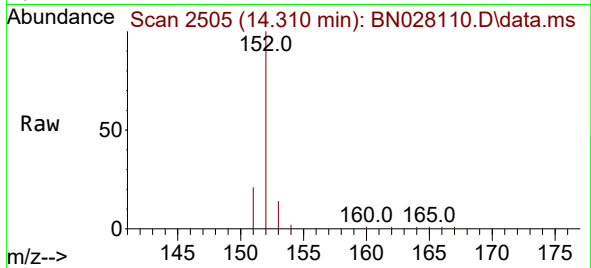




#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.310 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

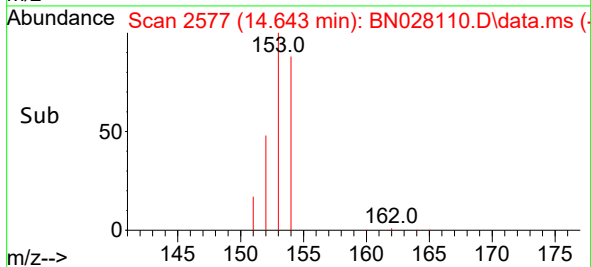
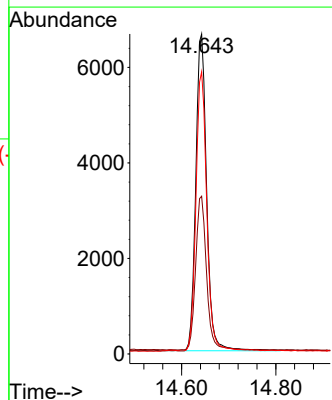
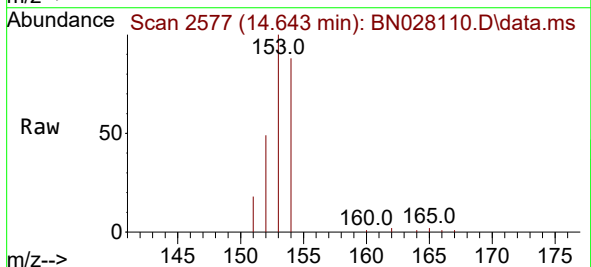
Instrument :
BNA_N
ClientSampleId :
SSTD0.4292

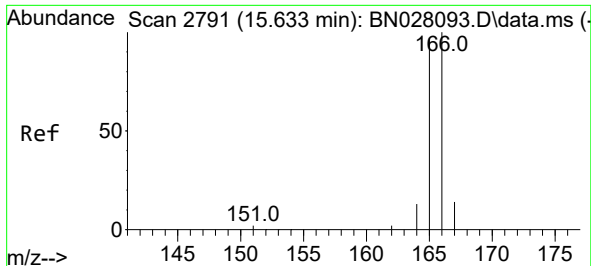
Tgt Ion:152 Resp: 13642
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.643 min Scan# 2577
Delta R.T. -0.000 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Tgt Ion:153 Resp: 10668
Ion Ratio Lower Upper
153 100
152 49.3 39.4 59.0
154 88.1 70.2 105.4

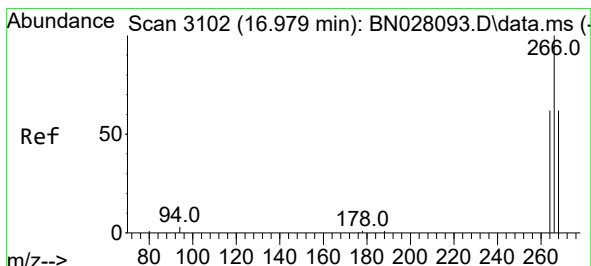
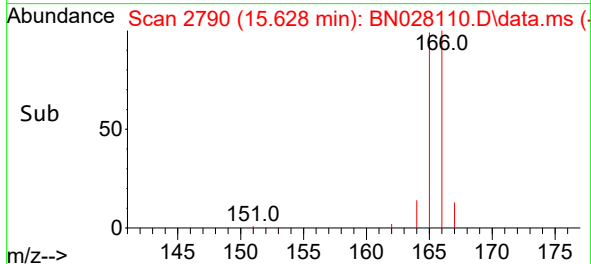
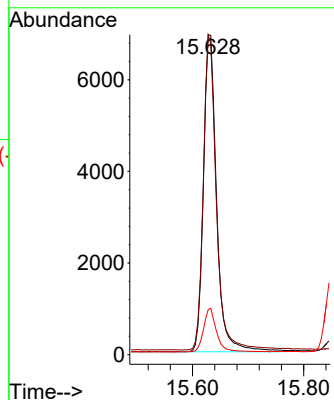
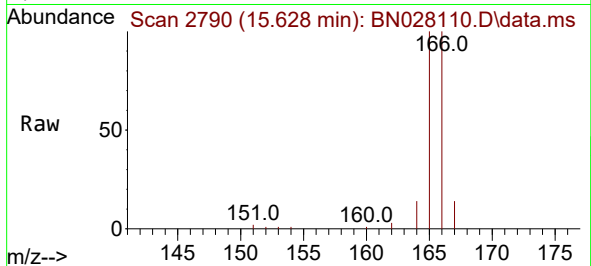




#12
Fluorene
Concen: 0.382 ng/ul
RT: 15.628 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

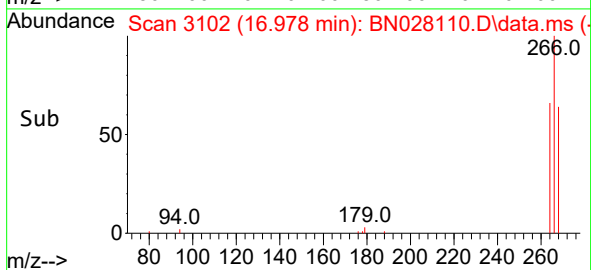
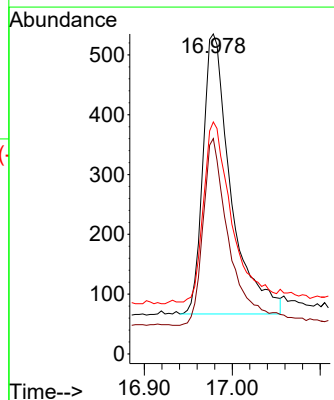
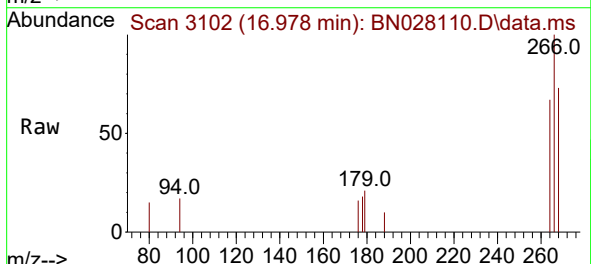
Instrument :
BNA_N
ClientSampleId :
SSTD0.4292

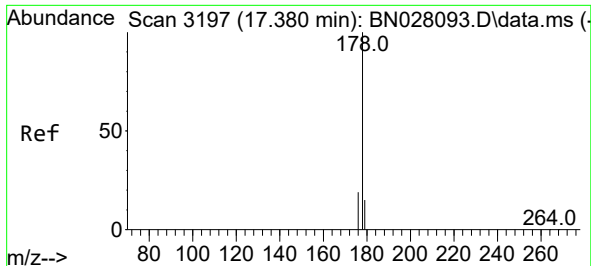
Tgt Ion:166 Resp: 11410
Ion Ratio Lower Upper
166 100
165 99.8 78.5 117.7
167 14.1 11.2 16.8



#14
Pentachlorophenol
Concen: 0.342 ng/ul
RT: 16.978 min Scan# 3102
Delta R.T. 0.008 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Tgt Ion:266 Resp: 1028
Ion Ratio Lower Upper
266 100
264 63.9 49.6 74.4
268 65.5 52.2 78.4

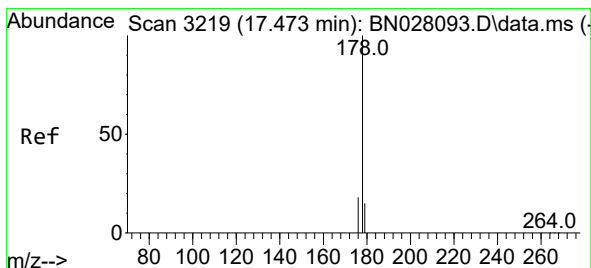
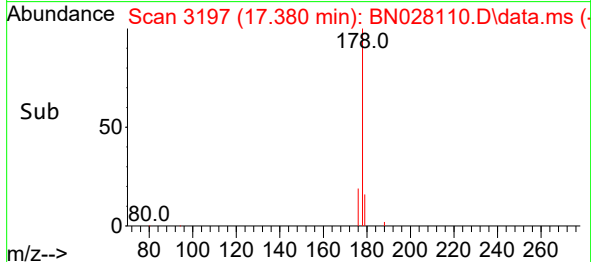
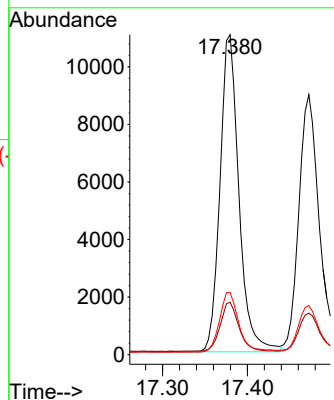
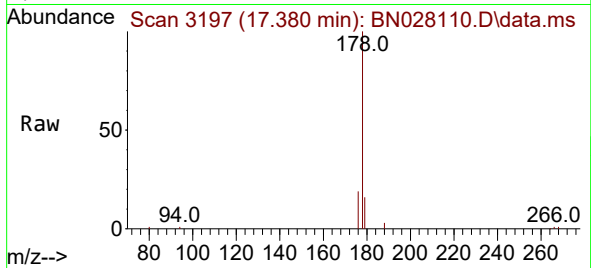




#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.380 min Scan# 3197
Delta R.T. 0.004 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

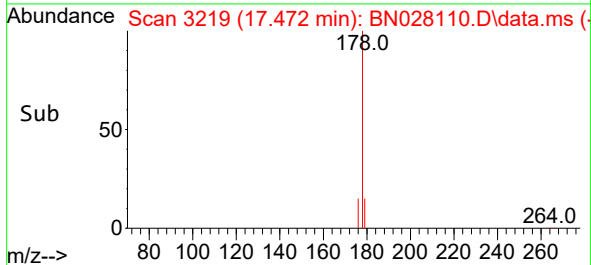
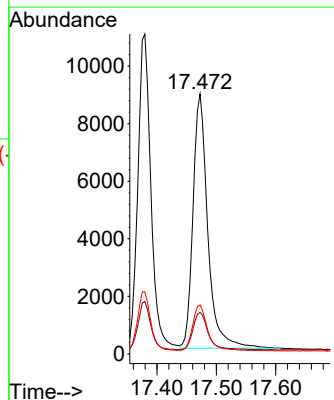
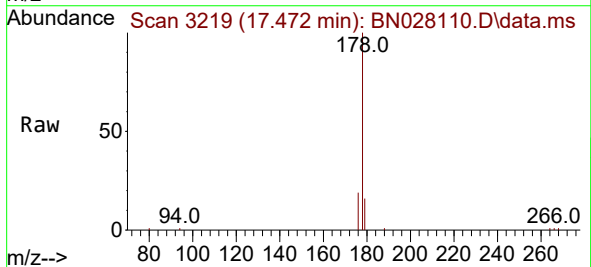
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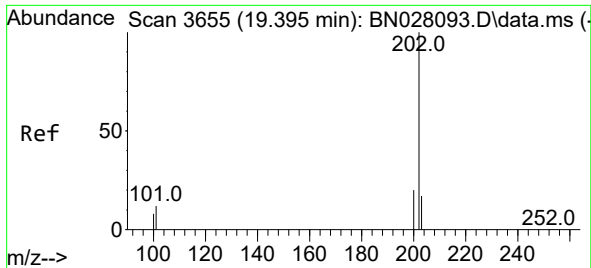
Tgt Ion:178 Resp: 17088
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.5 15.5 23.3



#16
Anthracene
Concen: 0.408 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Tgt Ion:178 Resp: 15263
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 18.9 15.0 22.6

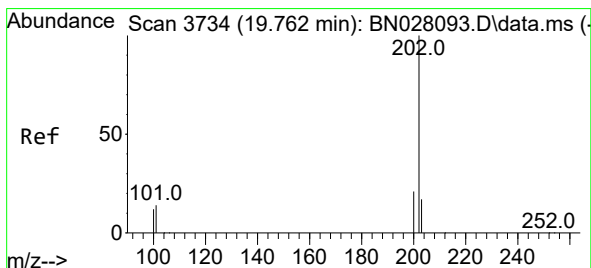
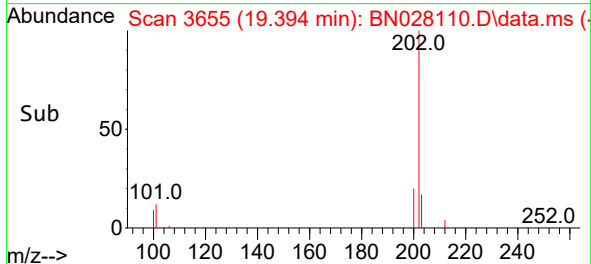
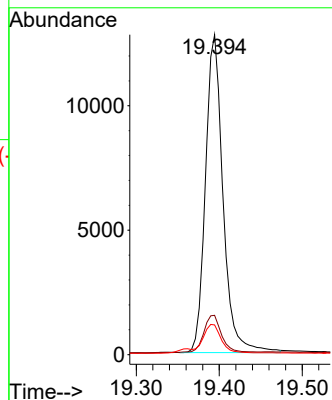
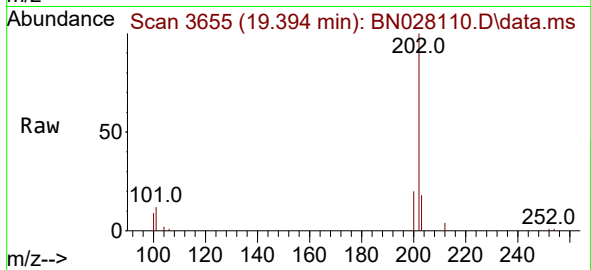




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.394 min Scan# 3655
Delta R.T. 0.005 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

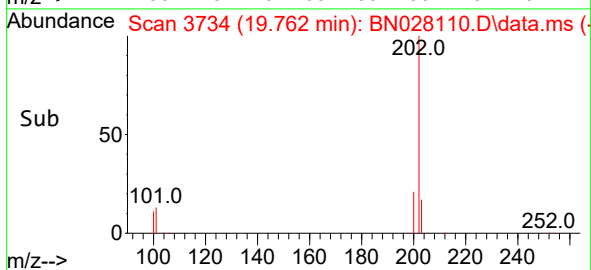
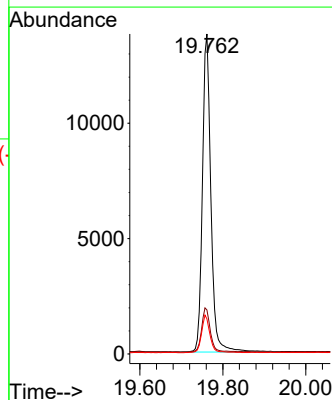
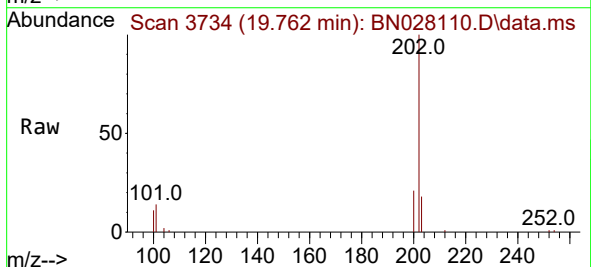
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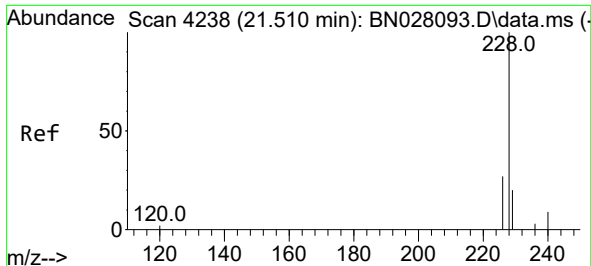
Tgt Ion:202 Resp: 18845
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
100 9.3 7.4 11.0



#20
Pyrene
Concen: 0.402 ng/ul
RT: 19.762 min Scan# 3734
Delta R.T. 0.005 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Tgt Ion:202 Resp: 19637
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 11.0 9.1 13.7

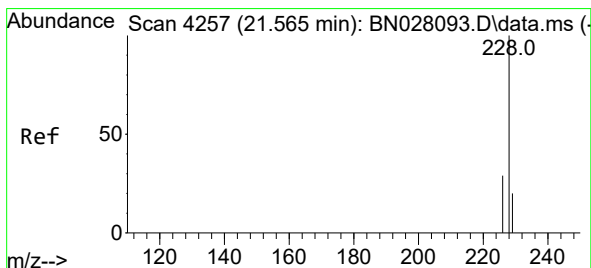
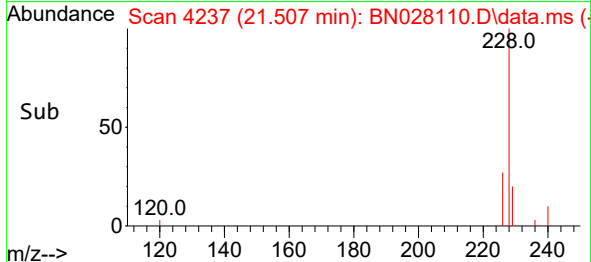
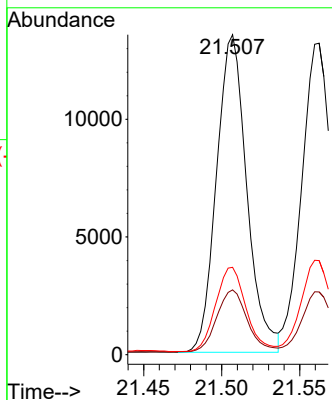
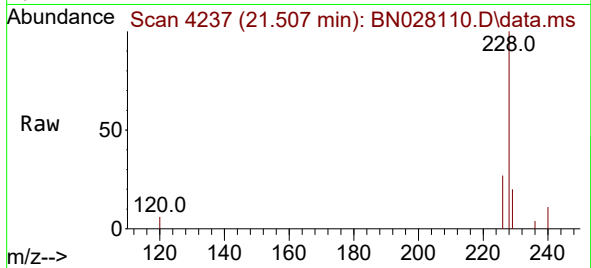




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

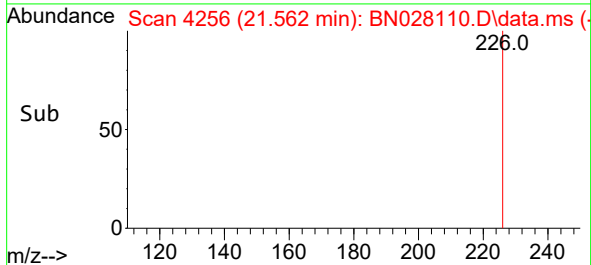
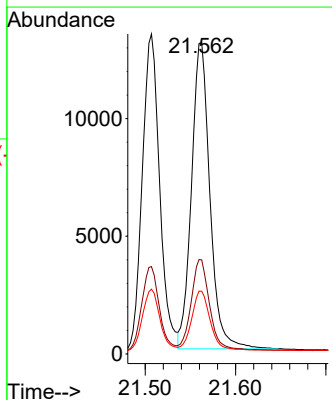
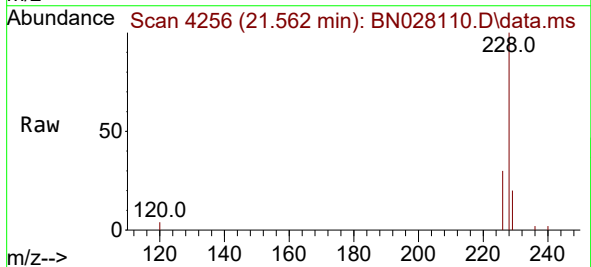
Instrument :
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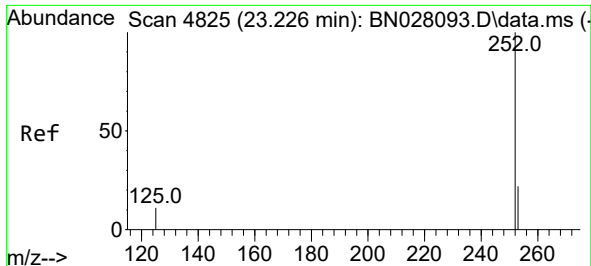
Tgt Ion:228 Resp: 18210
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 27.3 21.5 32.3



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.562 min Scan# 4256
Delta R.T. 0.006 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

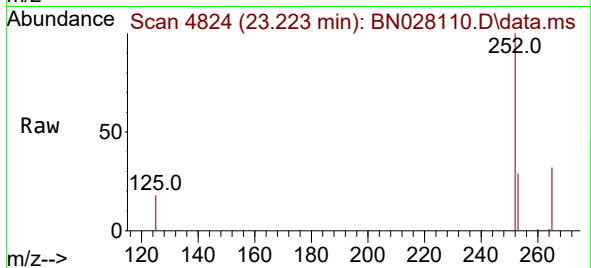
Tgt Ion:228 Resp: 18432
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.8
229 20.1 16.0 24.0



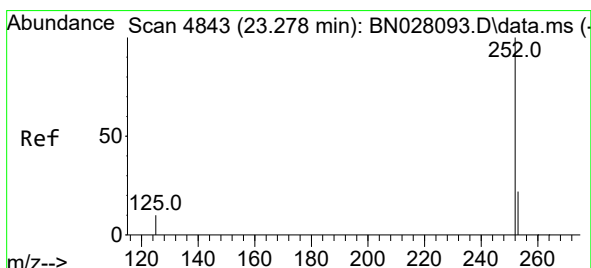
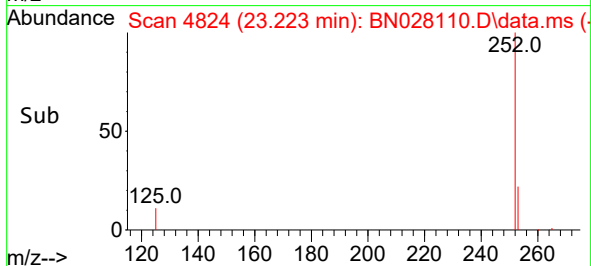
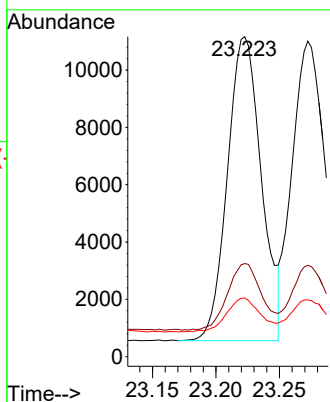


#24
Benzo(b)fluoranthene
Concen: 0.384 ng/ul
RT: 23.223 min Scan# 4824
Delta R.T. 0.006 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Instrument :
BNA_N
ClientSampleId :
SSTD0.4292

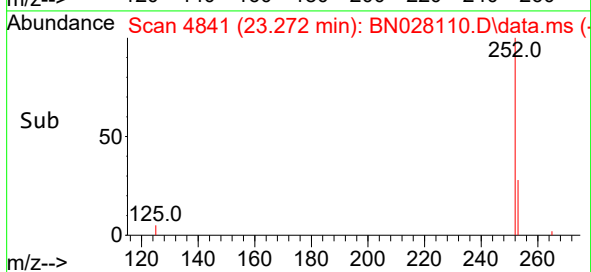
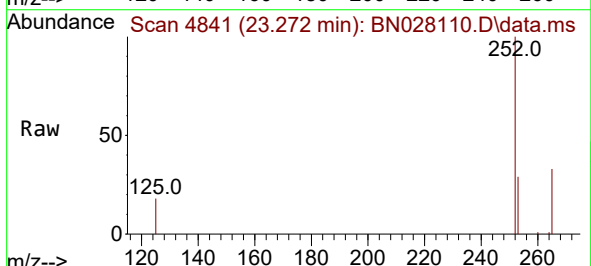
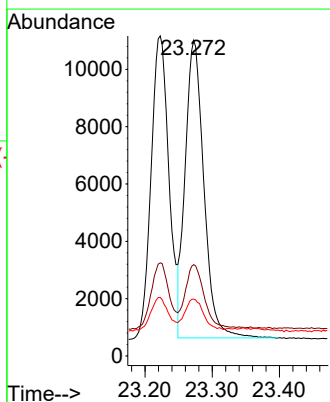


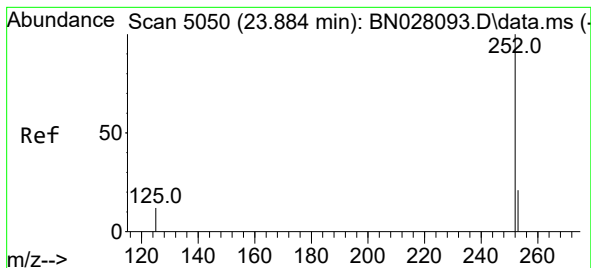
Tgt Ion:252 Resp: 19769
Ion Ratio Lower Upper
252 100
253 29.1 0.0 54.0
125 18.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.390 ng/ul
RT: 23.272 min Scan# 4841
Delta R.T. 0.006 min
Lab File: BN028110.D
Acq: 07 Oct 2023 08:06

Tgt Ion:252 Resp: 20005
Ion Ratio Lower Upper
252 100
253 29.0 21.8 32.8
125 18.0 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.875 min Scan# 5050

Delta R.T. 0.006 min

Lab File: BN028110.D

Acq: 07 Oct 2023 08:06

Instrument :

BNA_N

ClientSampleId :

SSTD0.4292

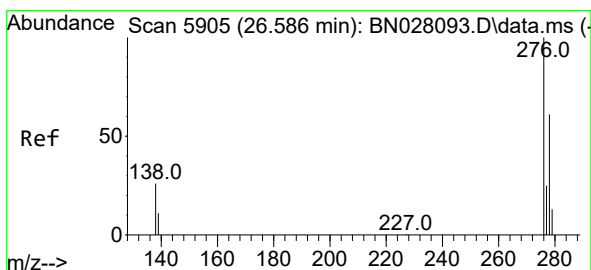
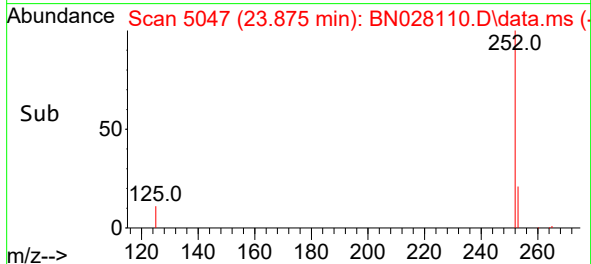
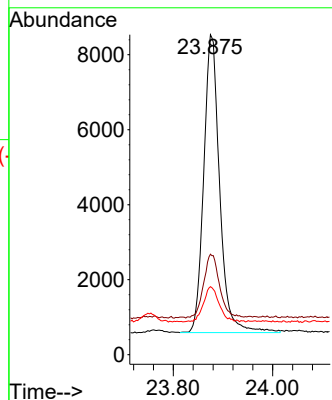
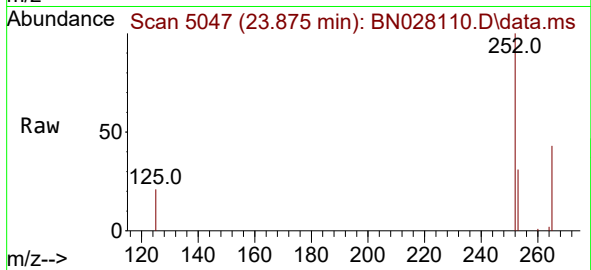
Tgt Ion:252 Resp: 17681

Ion Ratio Lower Upper

252 100

253 31.4 23.4 35.2

125 21.2 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng/ul

RT: 26.576 min Scan# 5902

Delta R.T. 0.010 min

Lab File: BN028110.D

Acq: 07 Oct 2023 08:06

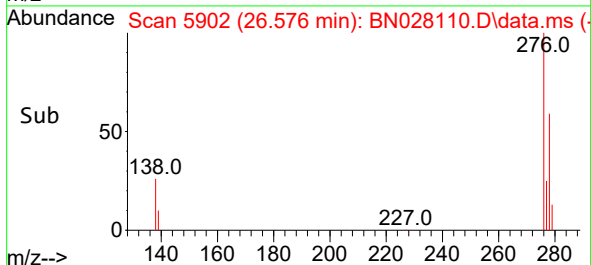
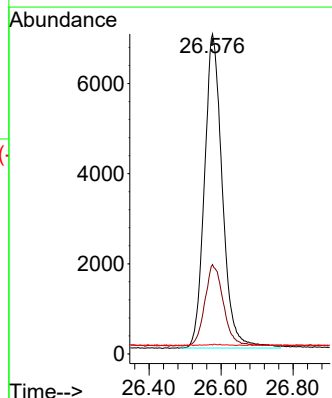
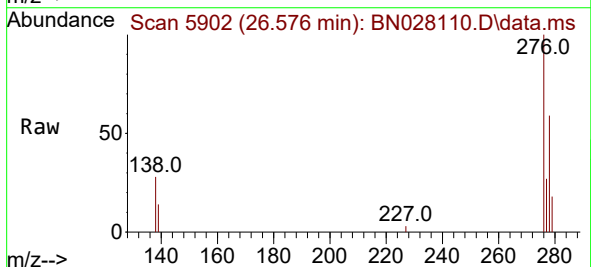
Tgt Ion:276 Resp: 24018

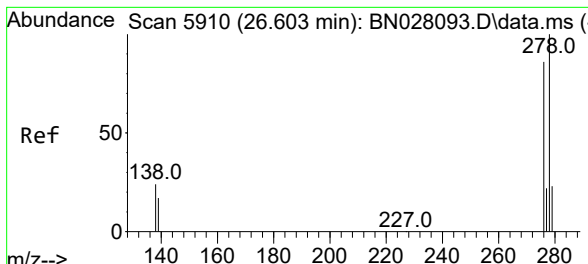
Ion Ratio Lower Upper

276 100

138 27.0 21.6 32.4

227 0.3 0.2 0.2#

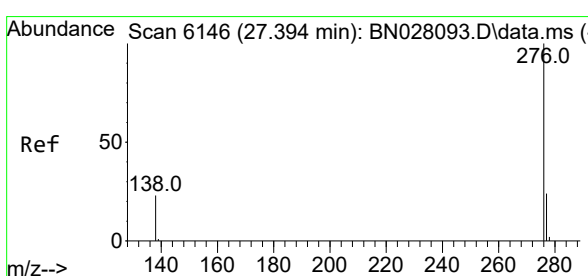
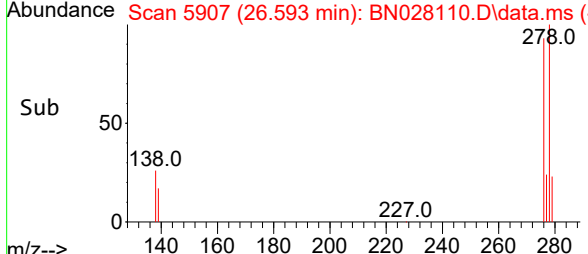
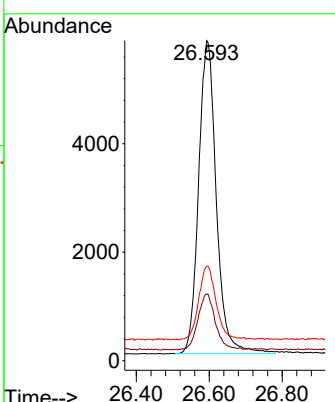
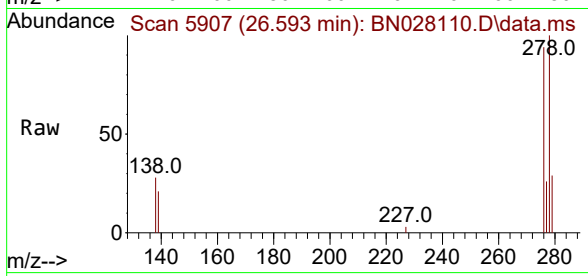




#28
 Dibenzo(a,h)anthracene
 Concen: 0.451 ng/ul
 RT: 26.593 min Scan# 5907
 Delta R.T. 0.010 min
 Lab File: BN028110.D
 Acq: 07 Oct 2023 08:06

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4292

Tgt Ion:	278	Resp:	19484
Ion Ratio	Lower	Upper	
278	100		
139	20.7	15.9	23.9
279	29.5	22.8	34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.465 ng/ul
 RT: 27.391 min Scan# 6145
 Delta R.T. 0.014 min
 Lab File: BN028110.D
 Acq: 07 Oct 2023 08:06

Tgt Ion:	276	Resp:	20188
Ion Ratio	Lower	Upper	
276	100		
138	25.1	19.8	29.6
277	26.4	20.6	31.0

