

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
 Data File : BN028035.D
 Acq On : 04 Oct 2023 14:26
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4285

Quant Time: Oct 05 02:04:52 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 : Tue Oct 03 15:50:04 2023
 Response via : Initial Calibration

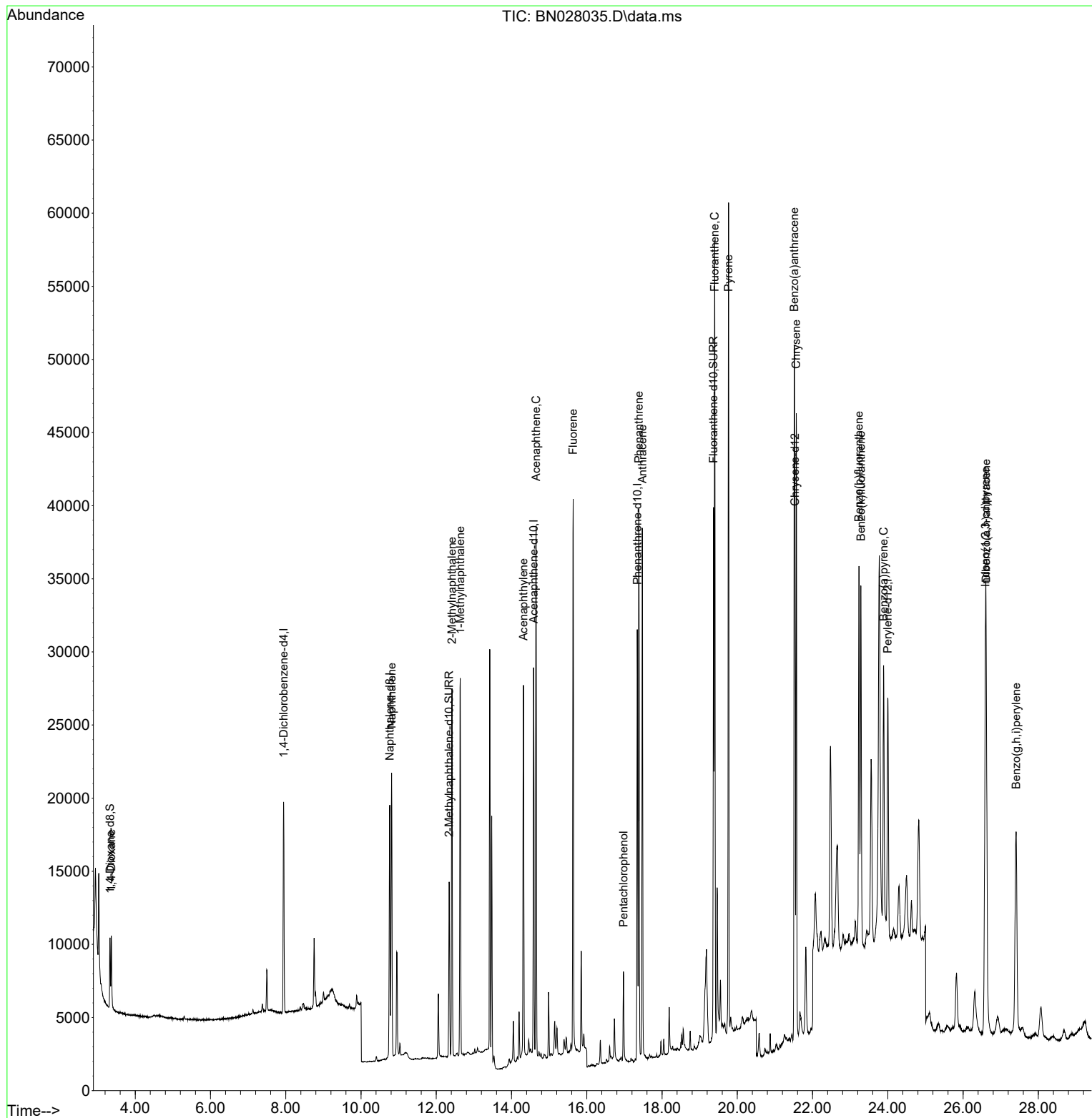
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	7037	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	22716	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.587	164	14750	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.341	188	32687	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	26558	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	23257	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	3354	0.379	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	15359	0.420	ng/ul	-0.01
18) Fluoranthene-d10	19.366	212	37195	0.442	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	3493	0.373	ng/ul#	30
5) Naphthalene	10.812	128	25650	0.398	ng/ul	100
7) 2-Methylnaphthalene	12.418	142	16990	0.417	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	17340	0.412	ng/ul	99
10) Acenaphthylene	14.314	152	31585	0.472	ng/ul	100
11) Acenaphthene	14.652	153	20560	0.386	ng/ul	99
12) Fluorene	15.638	166	24374	0.411	ng/ul	98
14) Pentachlorophenol	16.974	266	4029	0.575	ng/ul	99
15) Phenanthrene	17.384	178	39307	0.403	ng/ul	99
16) Anthracene	17.476	178	39042	0.448	ng/ul	99
19) Fluoranthene	19.399	202	44520	0.439	ng/ul	97
20) Pyrene	19.766	202	45335	0.431	ng/ul	97
21) Benzo(a)anthracene	21.513	228	38050	0.392	ng/ul	97
22) Chrysene	21.568	228	35632	0.364	ng/ul	95
24) Benzo(b)fluoranthene	23.234	252	33209	0.385	ng/ul	88
25) Benzo(k)fluoranthene	23.284	252	33199	0.387	ng/ul#	88
26) Benzo(a)pyrene	23.889	252	28471	0.387	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.592	276	38600	0.434	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.612	278	31618	0.437	ng/ul#	86
29) Benzo(g,h,i)perylene	27.411	276	32320	0.444	ng/ul	94

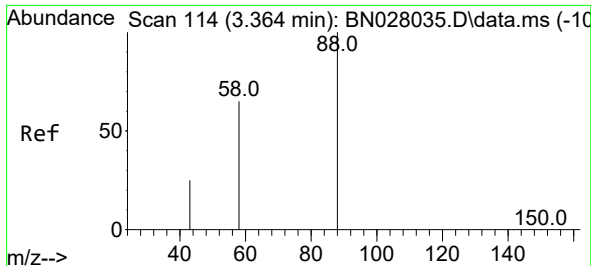
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100423\
Data File : BN028035.D
Acq On : 04 Oct 2023 14:26
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

Quant Time: Oct 05 02:04:52 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 : Tue Oct 03 15:50:04 2023
Response via : Initial Calibration

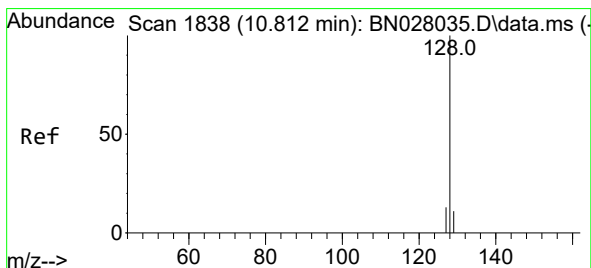
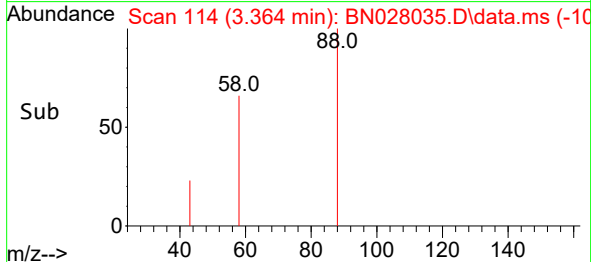
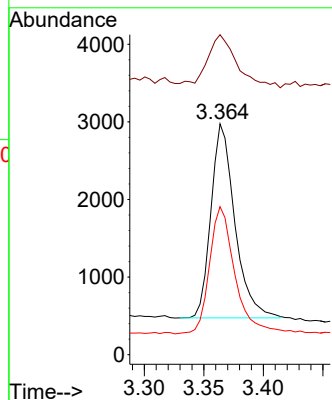
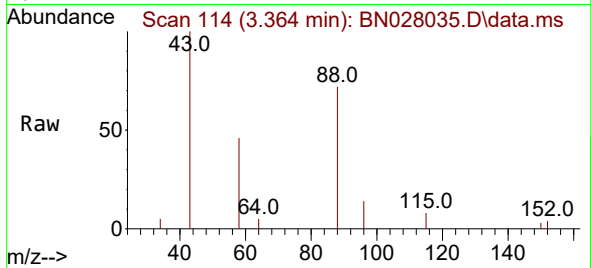




#2
1,4-Dioxane
Concen: 0.373 ng/ul
RT: 3.364 min Scan# 114
Delta R.T. -0.000 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

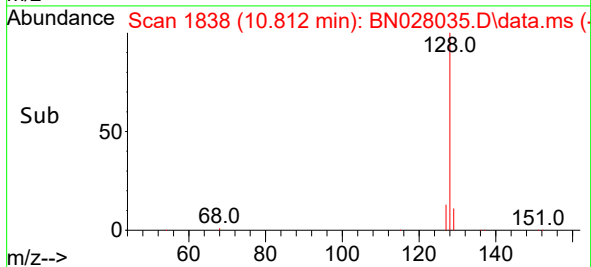
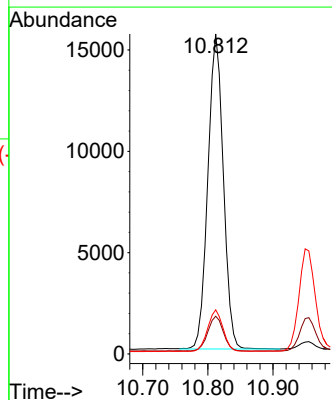
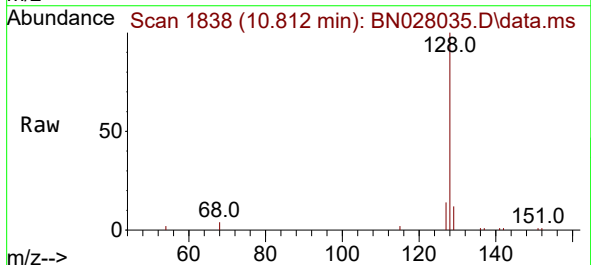
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

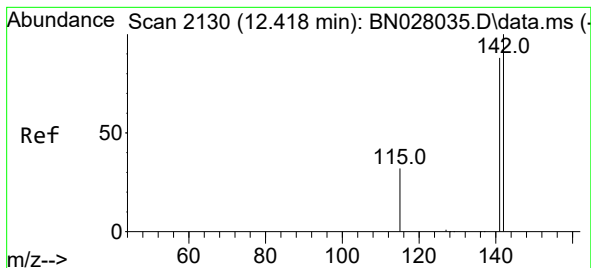
Tgt Ion: 88 Resp: 3493
Ion Ratio Lower Upper
88 100
43 138.6 33.4 50.2#
58 64.1 45.7 68.5



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.812 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion: 128 Resp: 25650
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 11.0 16.4

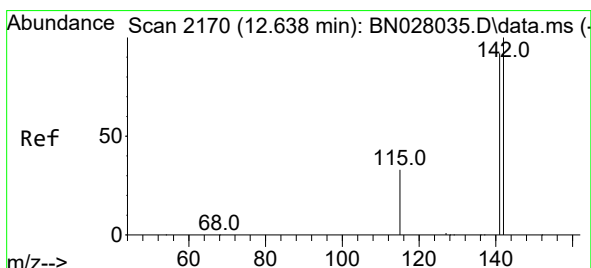
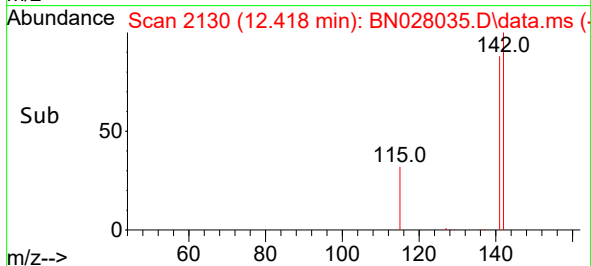
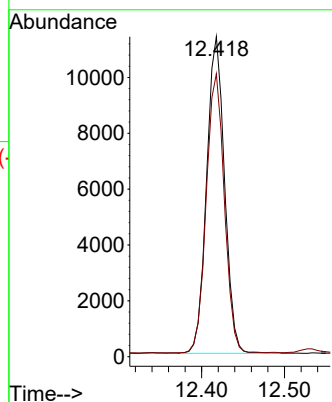
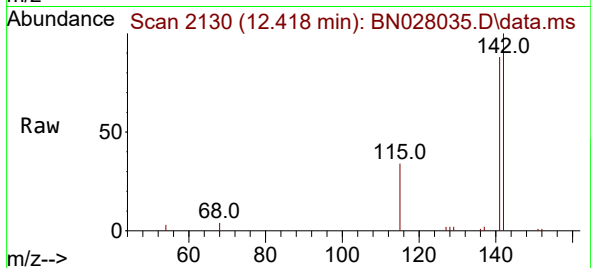




#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.418 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

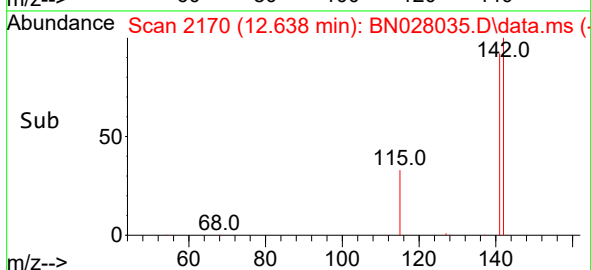
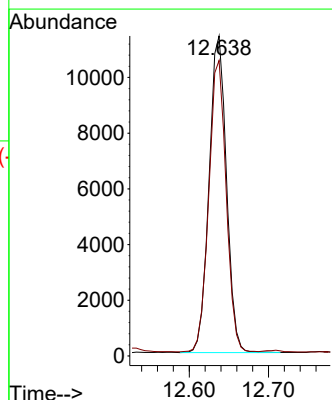
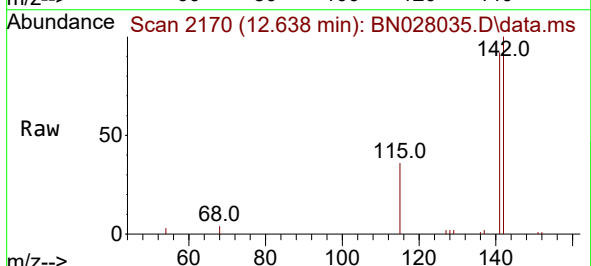
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

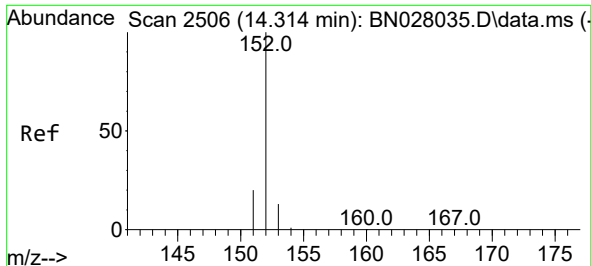
Tgt Ion:142 Resp: 16990
Ion Ratio Lower Upper
142 100
141 89.2 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.638 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:142 Resp: 17340
Ion Ratio Lower Upper
142 100
141 91.7 74.4 111.6

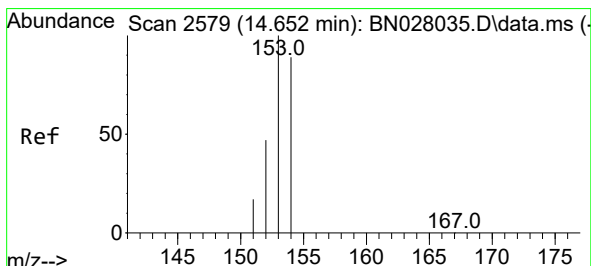
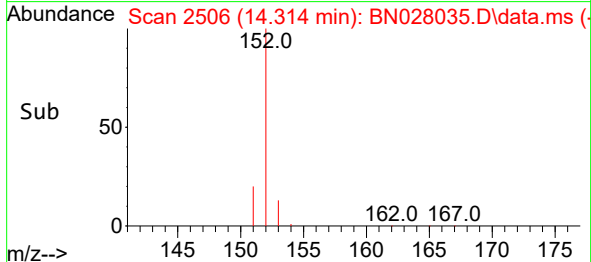
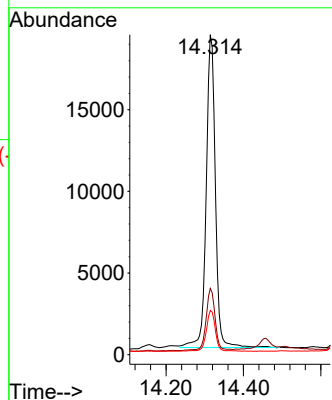
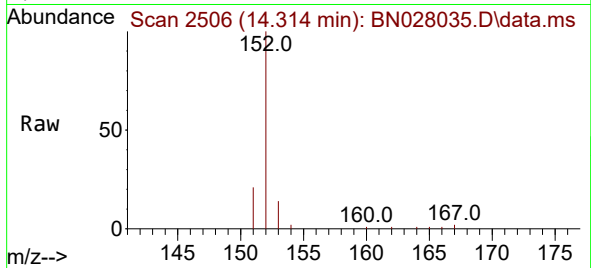




#10
Acenaphthylene
Concen: 0.472 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

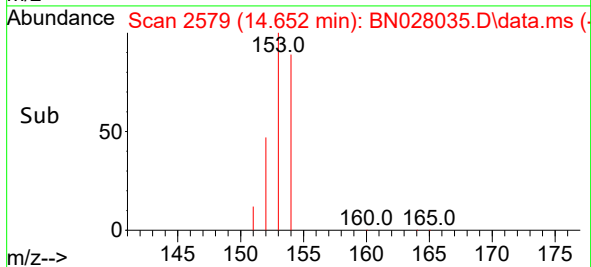
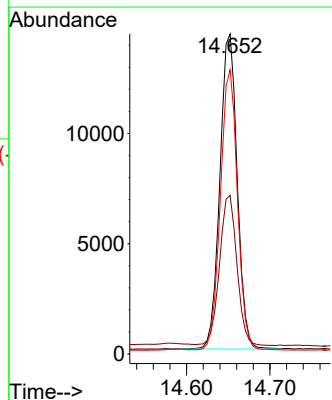
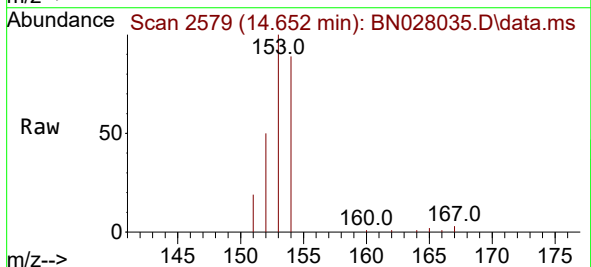
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

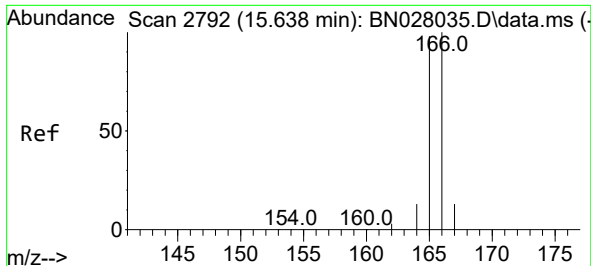
Tgt Ion:152 Resp: 31585
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.652 min Scan# 2579
Delta R.T. -0.005 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:153 Resp: 20560
Ion Ratio Lower Upper
153 100
152 49.5 39.4 59.0
154 88.8 70.2 105.4

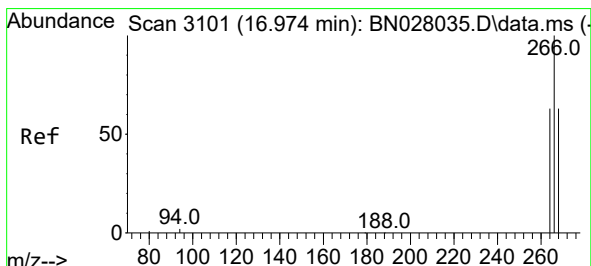
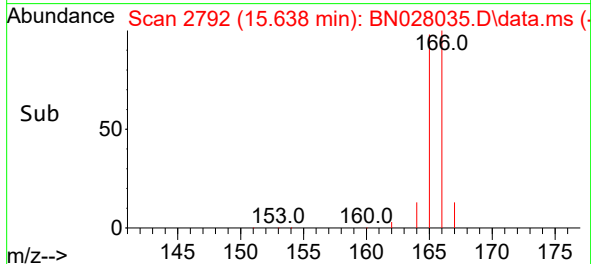
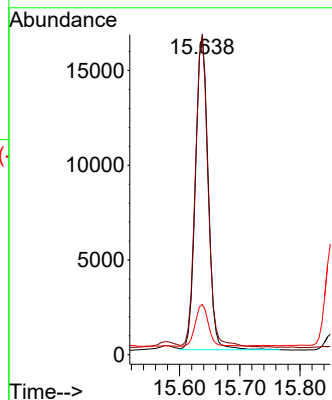
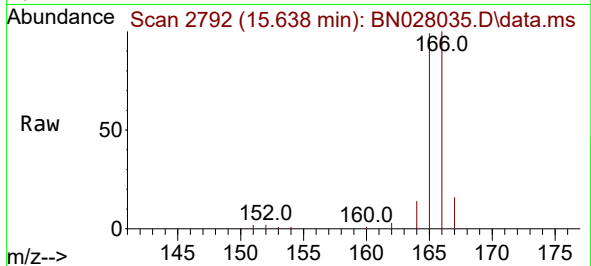




#12
Fluorene
Concen: 0.411 ng/ul
RT: 15.638 min Scan# 2792
Delta R.T. -0.005 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

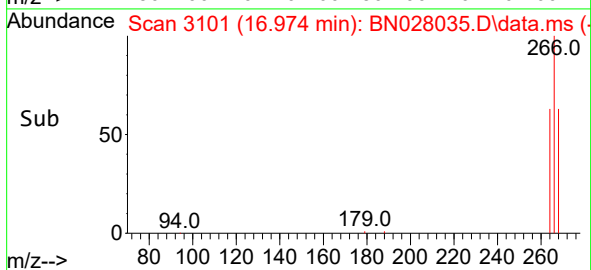
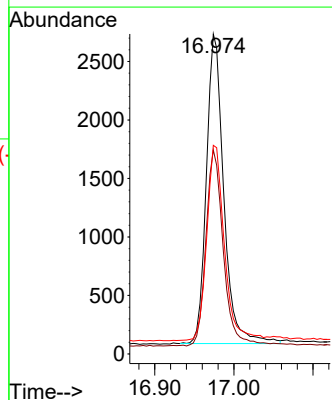
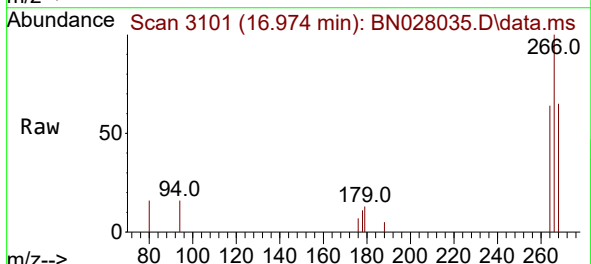
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

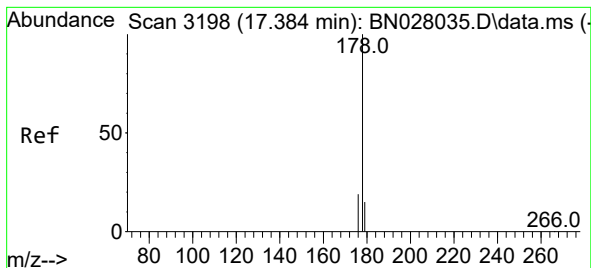
Tgt Ion:166 Resp: 24374
Ion Ratio Lower Upper
166 100
165 99.3 78.5 117.7
167 15.7 11.2 16.8



#14
Pentachlorophenol
Concen: 0.575 ng/ul
RT: 16.974 min Scan# 3101
Delta R.T. -0.013 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:266 Resp: 4029
Ion Ratio Lower Upper
266 100
264 63.8 49.6 74.4
268 65.2 52.2 78.4





#15

Phenanthrene

Concen: 0.403 ng/ul

RT: 17.384 min Scan# 3198

Delta R.T. -0.004 min

Lab File: BN028035.D

Acq: 04 Oct 2023 14:26

Instrument :

BNA_N

ClientSampleId :

SSTD0.4285

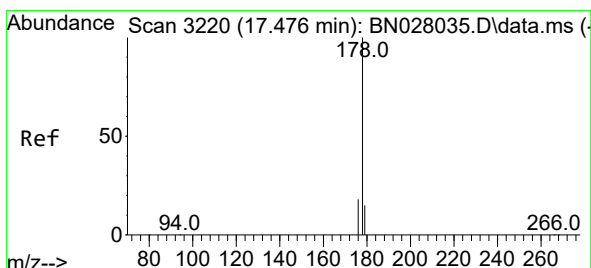
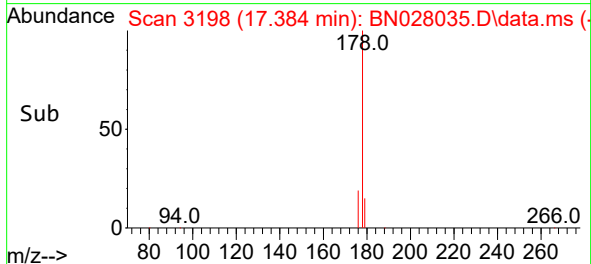
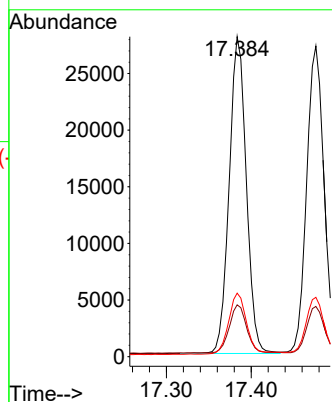
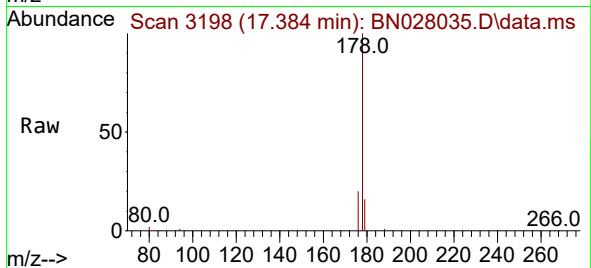
Tgt Ion:178 Resp: 39307

Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.9 15.5 23.3



#16

Anthracene

Concen: 0.448 ng/ul

RT: 17.476 min Scan# 3220

Delta R.T. -0.004 min

Lab File: BN028035.D

Acq: 04 Oct 2023 14:26

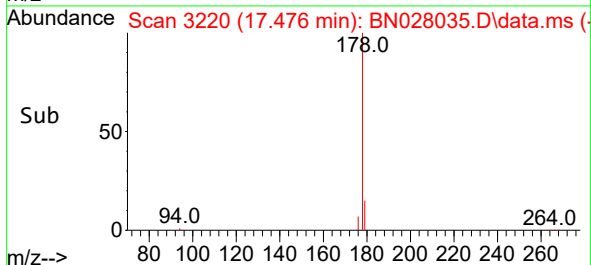
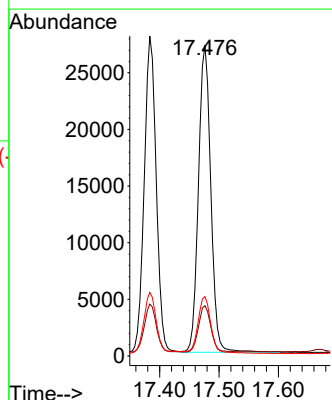
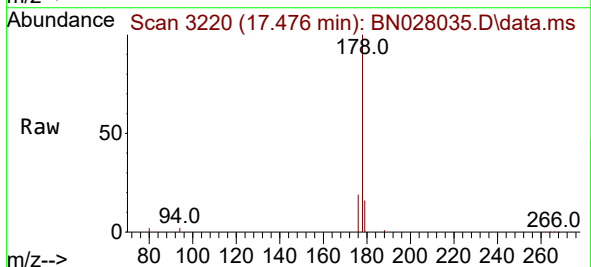
Tgt Ion:178 Resp: 39042

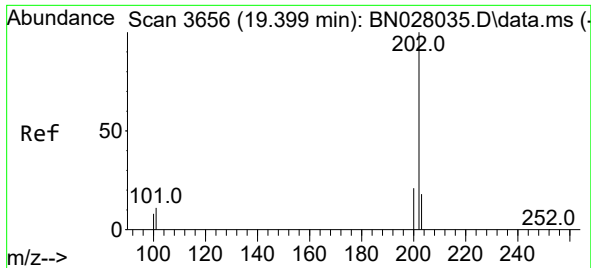
Ion Ratio Lower Upper

178 100

179 16.2 12.8 19.2

176 19.1 15.0 22.6

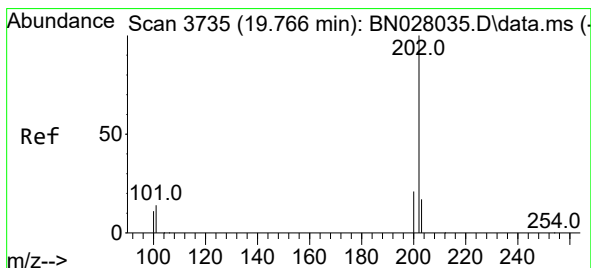
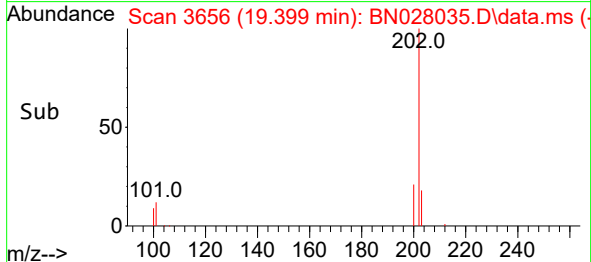
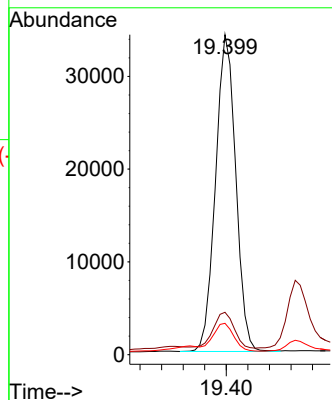
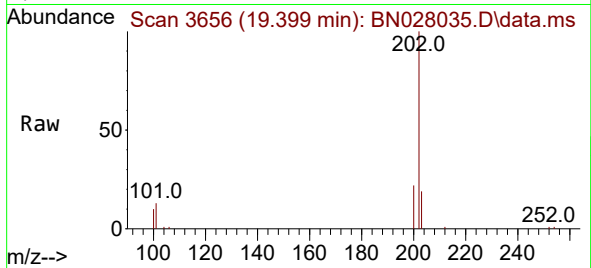




#19
Fluoranthene
Concen: 0.439 ng/ul
RT: 19.399 min Scan# 3656
Delta R.T. -0.005 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

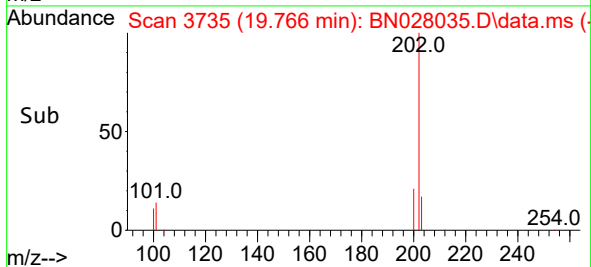
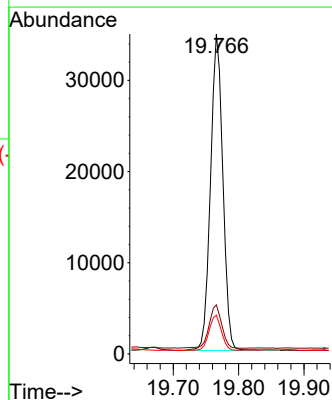
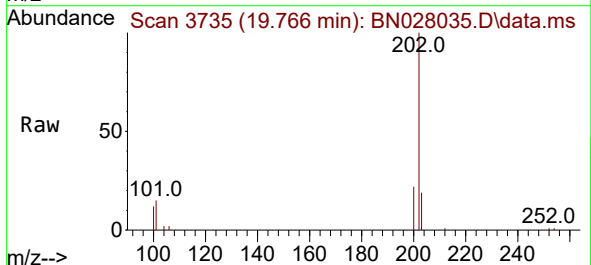
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

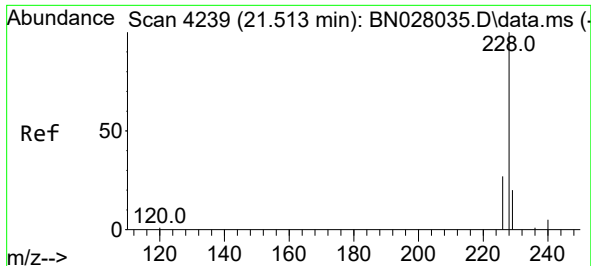
Tgt Ion:202 Resp: 44520
Ion Ratio Lower Upper
202 100
101 13.3 9.6 14.4
100 9.8 7.4 11.0



#20
Pyrene
Concen: 0.431 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. -0.005 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:202 Resp: 45335
Ion Ratio Lower Upper
202 100
101 15.4 11.2 16.8
100 12.1 9.1 13.7

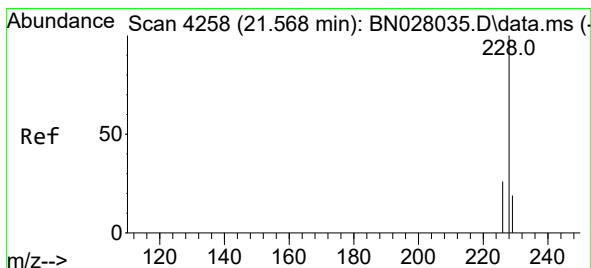
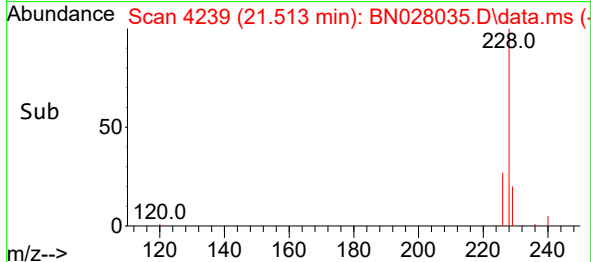
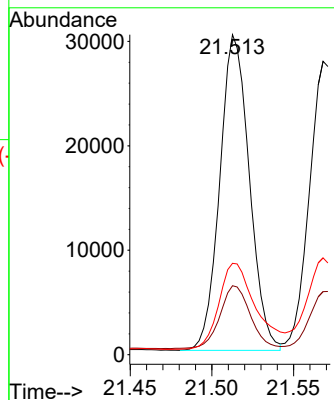
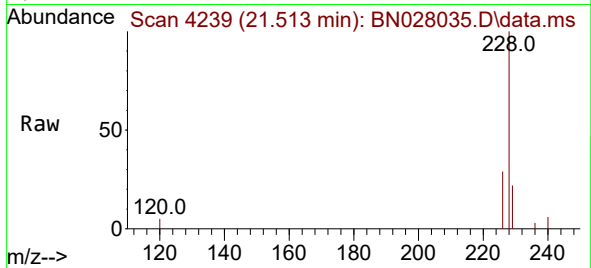




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

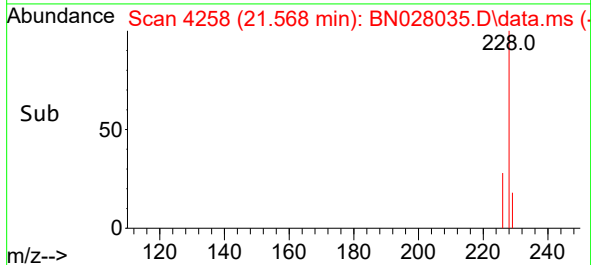
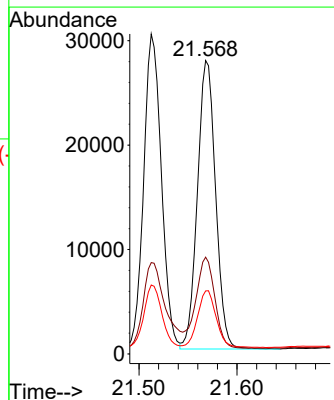
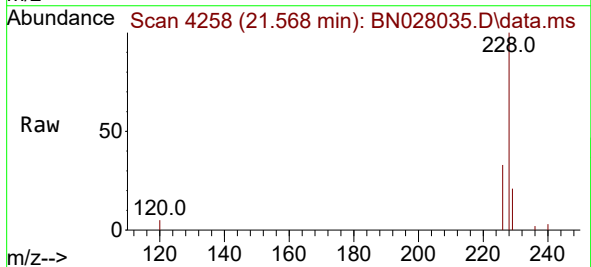
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

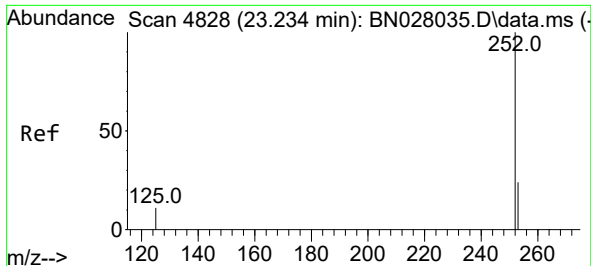
Tgt Ion:228 Resp: 38050
Ion Ratio Lower Upper
228 100
229 21.5 16.0 24.0
226 28.6 21.5 32.3



#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:228 Resp: 35632
Ion Ratio Lower Upper
228 100
226 33.0 23.8 35.8
229 21.5 16.0 24.0

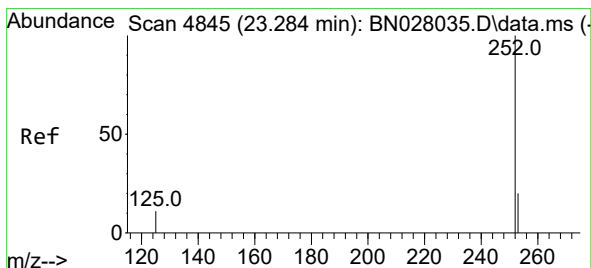
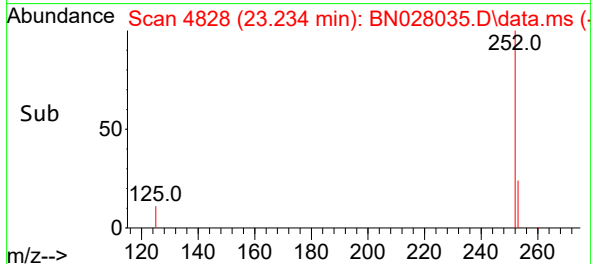
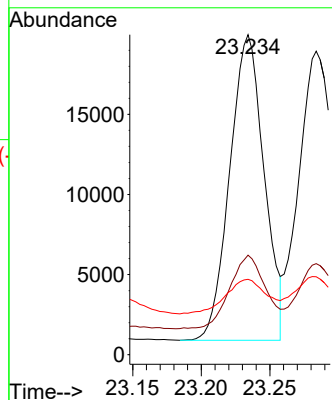
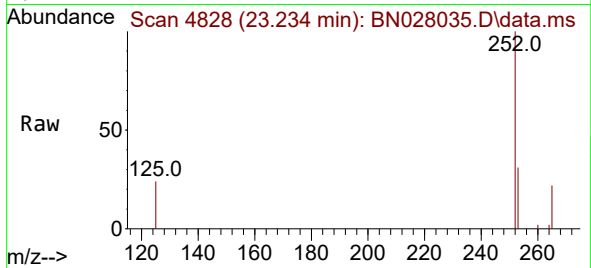




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.234 min Scan# 4828
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

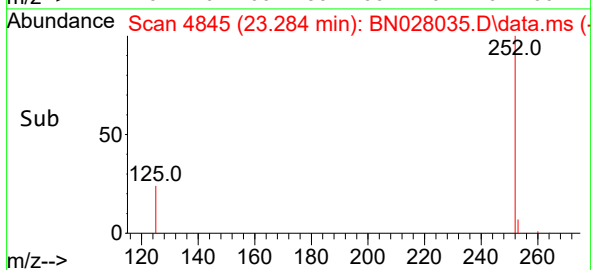
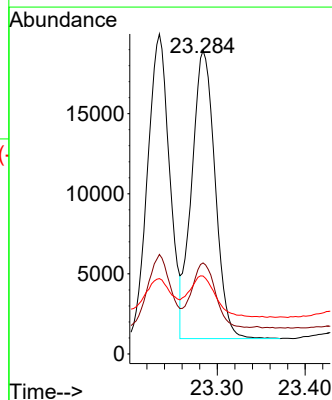
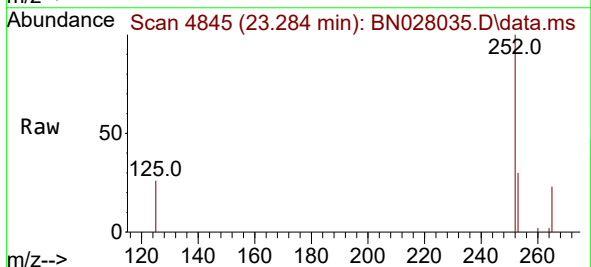
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

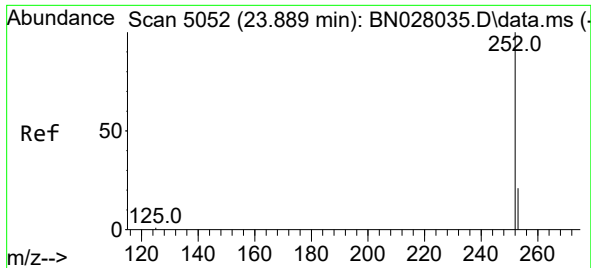
Tgt Ion:252 Resp: 33209
Ion Ratio Lower Upper
252 100
253 31.1 0.0 54.0
125 23.5 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.387 ng/ul
RT: 23.284 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:252 Resp: 33199
Ion Ratio Lower Upper
252 100
253 30.0 21.8 32.8
125 25.7 12.8 19.2#

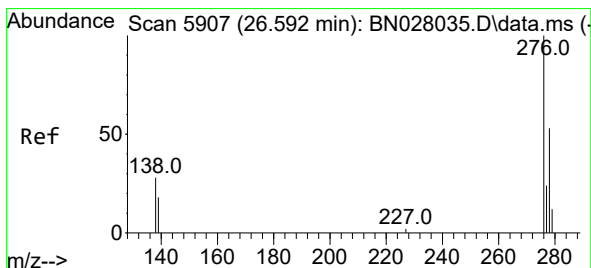
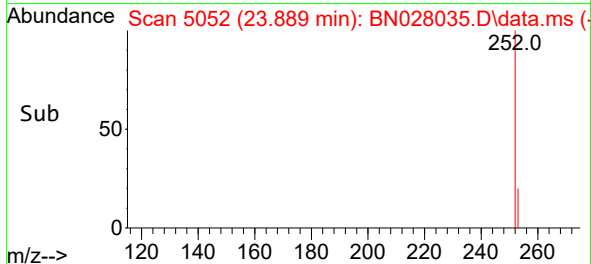
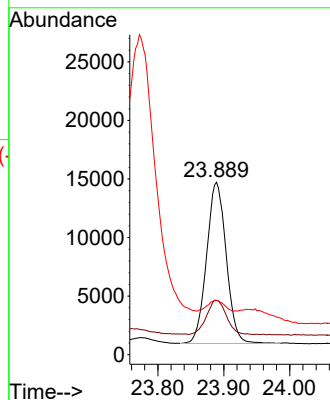
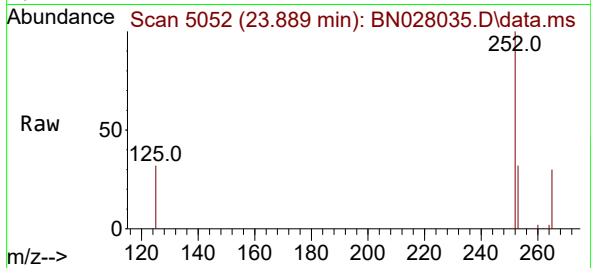




#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.889 min Scan# 5052
Delta R.T. -0.006 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

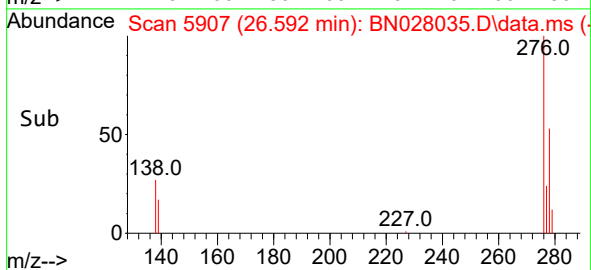
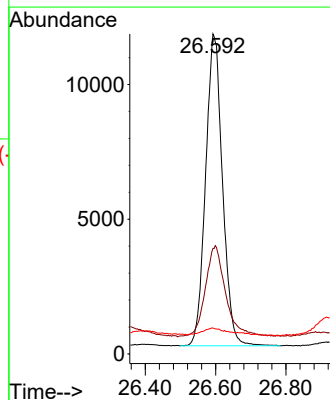
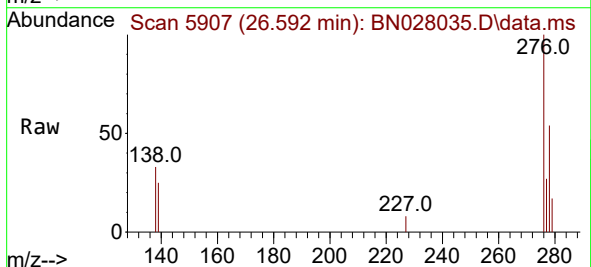
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

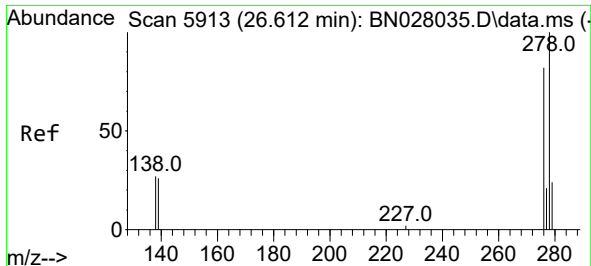
Tgt Ion:252 Resp: 28471
Ion Ratio Lower Upper
252 100
253 31.5 23.4 35.2
125 31.5 15.3 22.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.592 min Scan# 5907
Delta R.T. -0.010 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:276 Resp: 38600
Ion Ratio Lower Upper
276 100
138 35.3 21.6 32.4#
227 3.6 0.2 0.2#

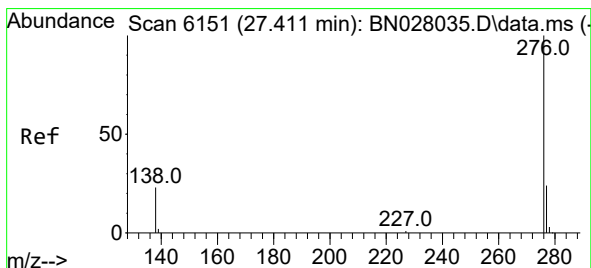
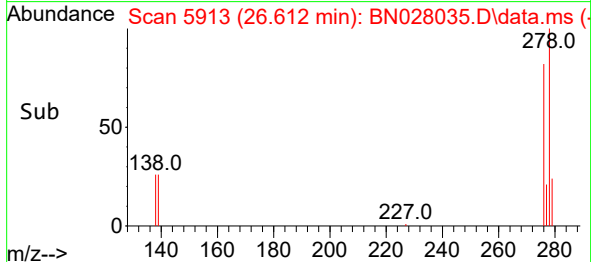
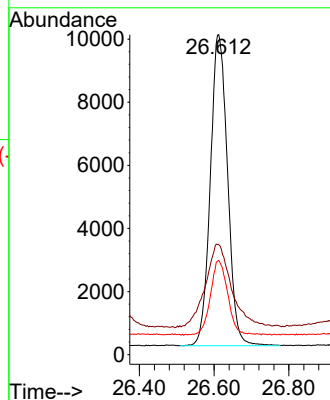
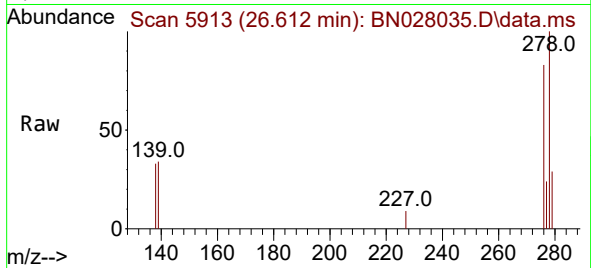




#28
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 26.612 min Scan# 5913
Delta R.T. -0.007 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

Tgt Ion:278 Resp: 31618
Ion Ratio Lower Upper
278 100
139 34.4 15.9 23.9#
279 29.5 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.444 ng/ul
RT: 27.411 min Scan# 6151
Delta R.T. -0.010 min
Lab File: BN028035.D
Acq: 04 Oct 2023 14:26

Tgt Ion:276 Resp: 32320
Ion Ratio Lower Upper
276 100
138 29.6 19.8 29.6
277 27.0 20.6 31.0

