

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
 Data File : BN023532.D
 Acq On : 30 Dec 2022 14:48
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4364

Quant Time: Dec 30 21:56:09 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 21:52:41 2022
 Response via : Initial Calibration

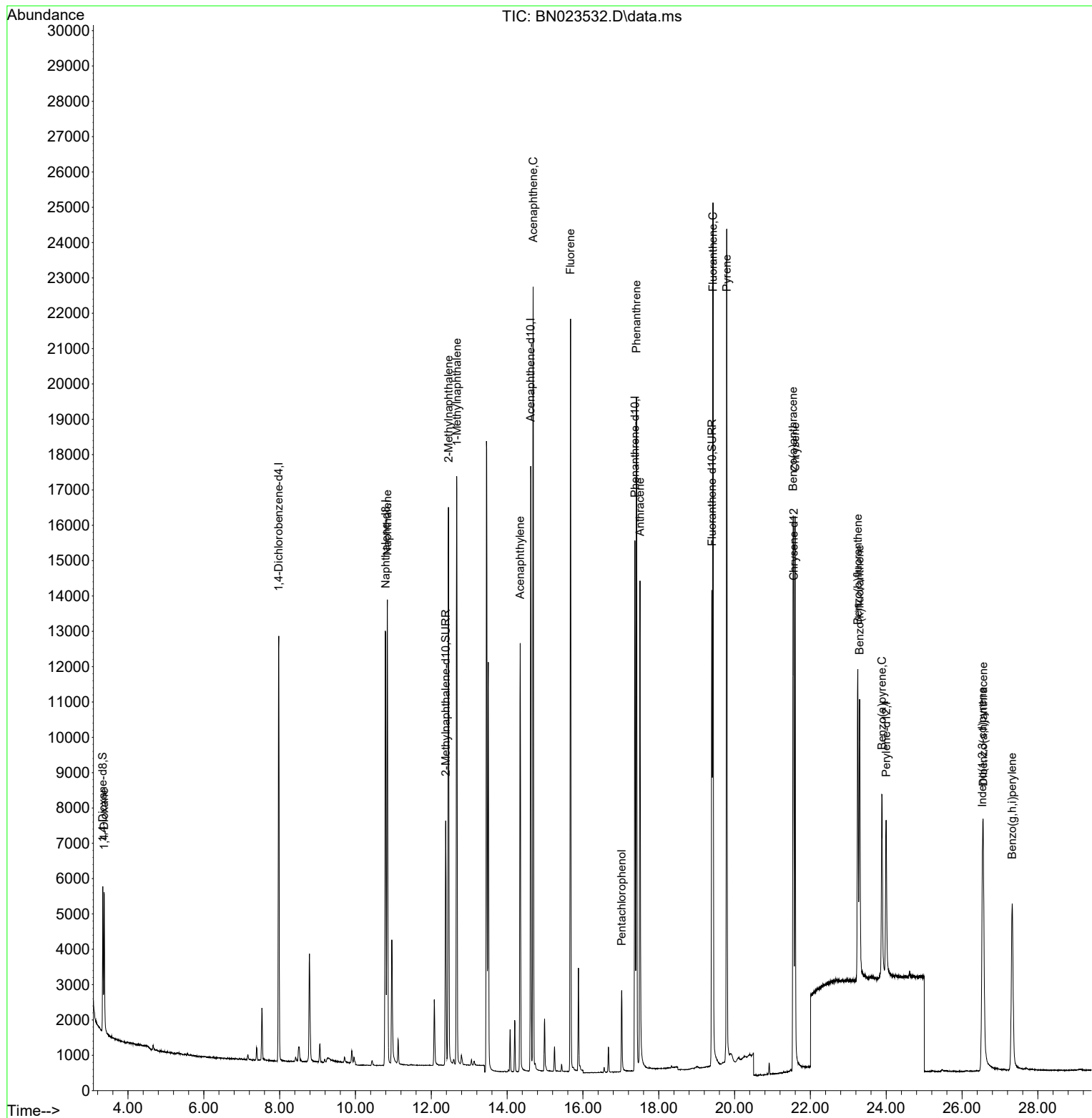
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.977	152	5998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.793	136	16918	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	9156	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	17613	0.400	ng/ul	0.00
17) Chrysene-d12	21.560	240	9781	0.400	ng/ul	0.00
23) Perylene-d12	23.998	264	6670	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	2500	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.383	152	8933	0.341	ng/ul	0.00
18) Fluoranthene-d10	19.402	212	15061	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	2666	0.400	ng/ul	95
5) Naphthalene	10.843	128	17726	0.357	ng/ul	100
7) 2-Methylnaphthalene	12.454	142	10897	0.343	ng/ul	100
8) 1-Methylnaphthalene	12.674	142	11243	0.344	ng/ul	100
10) Acenaphthylene	14.345	152	13703	0.338	ng/ul	100
11) Acenaphthene	14.687	153	12002	0.351	ng/ul	100
12) Fluorene	15.672	166	12934	0.336	ng/ul	98
14) Pentachlorophenol	17.023	266	1614	0.330	ng/ul	100
15) Phenanthrene	17.411	178	20115	0.351	ng/ul	100
16) Anthracene	17.504	178	15861	0.333	ng/ul	99
19) Fluoranthene	19.430	202	20425	0.430	ng/ul	100
20) Pyrene	19.792	202	20070	0.420	ng/ul	100
21) Benzo(a)anthracene	21.543	228	12318	0.323	ng/ul	100
22) Chrysene	21.596	228	13603	0.351	ng/ul	99
24) Benzo(b)fluoranthene	23.250	252	11868	0.344	ng/ul	96
25) Benzo(k)fluoranthene	23.297	252	11485	0.355	ng/ul	95
26) Benzo(a)pyrene	23.887	252	9002	0.330	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.537	276	11541	0.362	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.560	278	8383	0.339	ng/ul	96
29) Benzo(g,h,i)perylene	27.322	276	11071	0.426	ng/ul	97

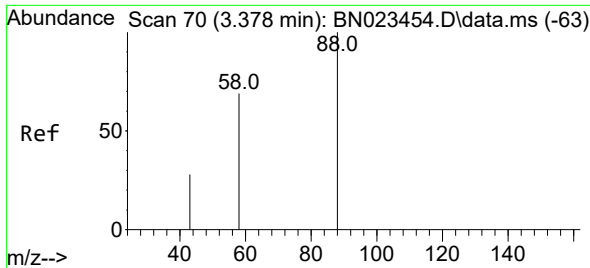
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
Data File : BN023532.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

Quant Time: Dec 30 21:56:09 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 21:52:41 2022
Response via : Initial Calibration

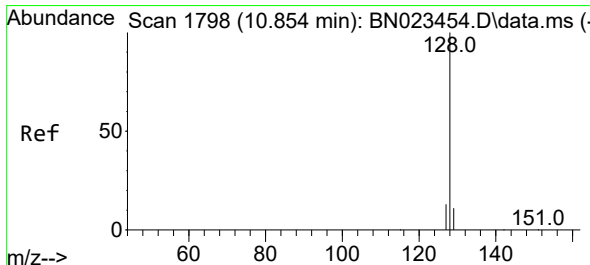
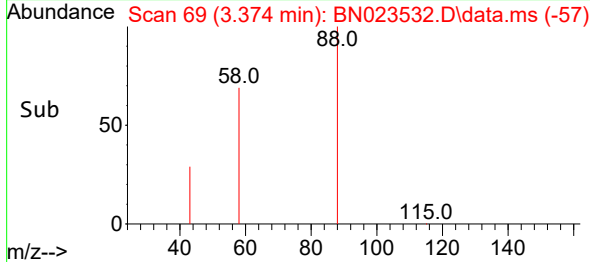
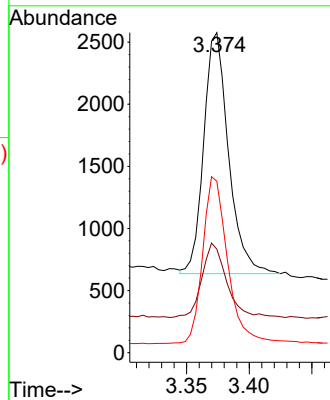
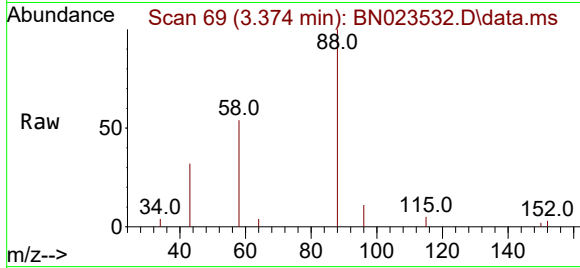




#2
1,4-Dioxane
Concen: 0.400 ng/ul
RT: 3.374 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

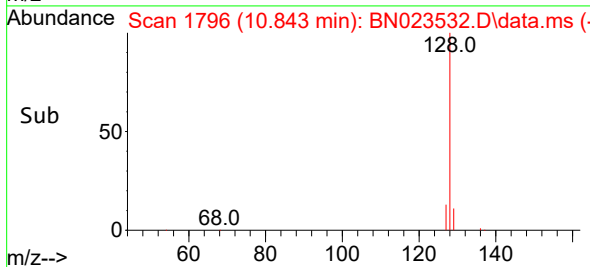
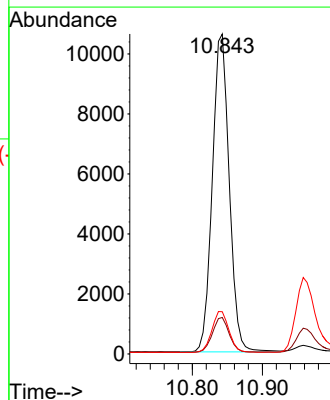
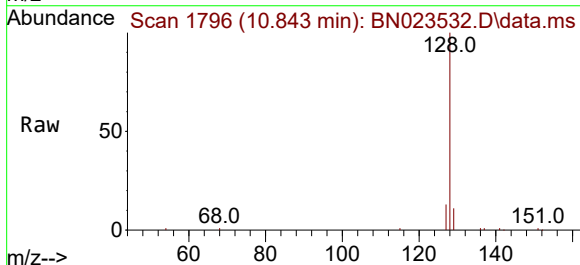
Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

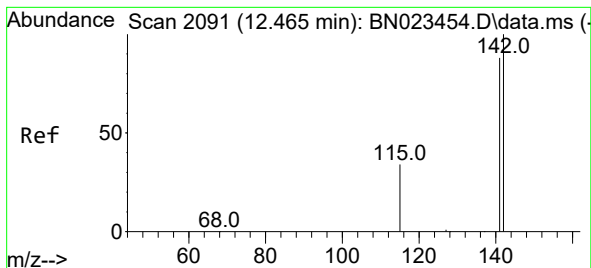
Tgt Ion: 88	Resp:	2666
Ion	Ratio	Lower Upper
88	100	
43	32.4	28.4 42.6
58	53.5	45.6 68.4



#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.843 min Scan# 1796
Delta R.T. 0.006 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion: 128	Resp:	17726
Ion	Ratio	Lower Upper
128	100	
129	11.4	9.0 13.4
127	13.2	10.7 16.1

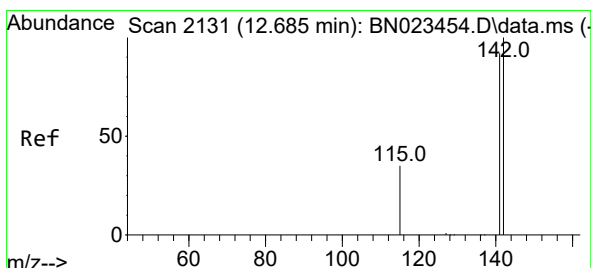
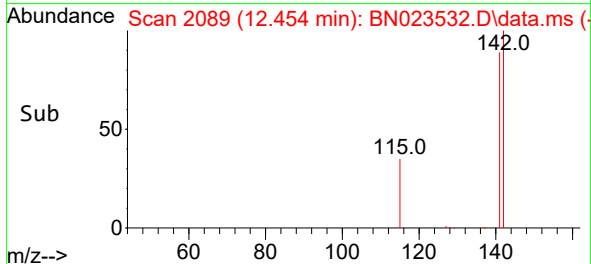
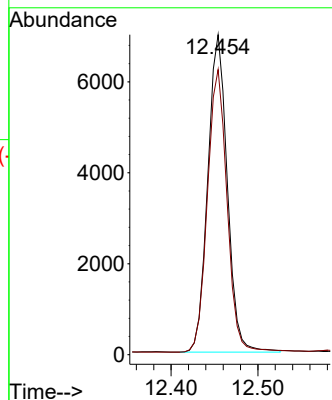
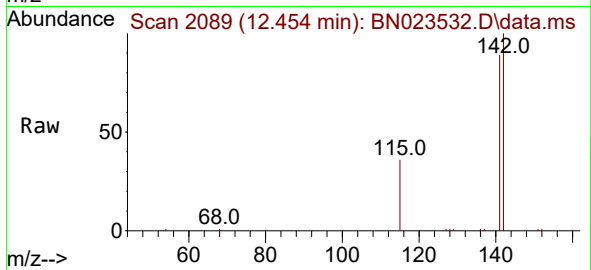




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.454 min Scan# 2091
Delta R.T. 0.006 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

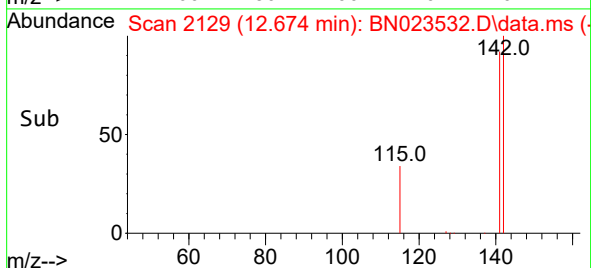
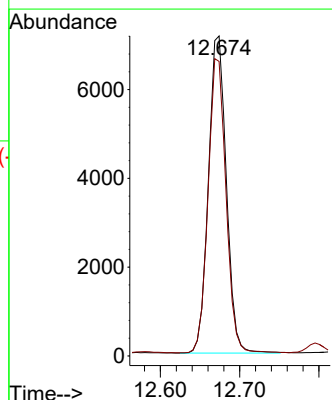
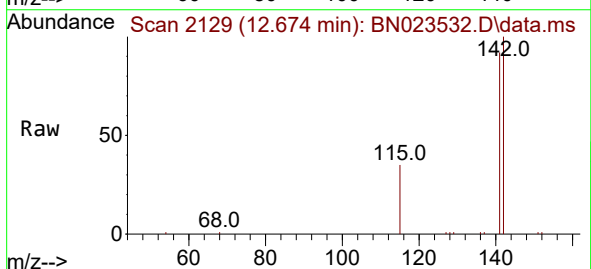
Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

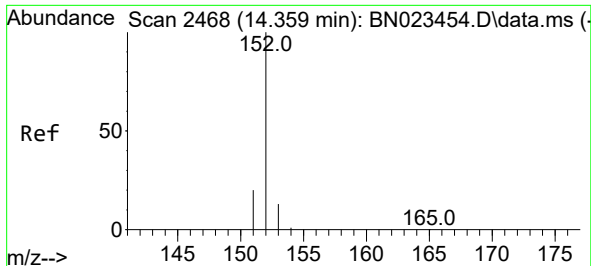
Tgt Ion:142 Resp: 10897
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.674 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:142 Resp: 11243
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

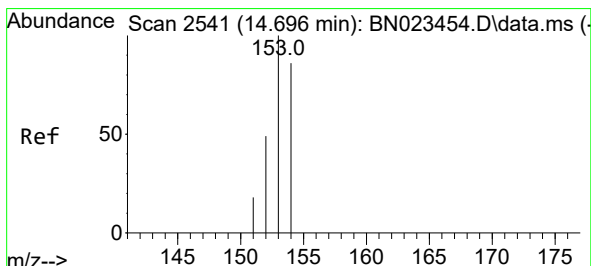
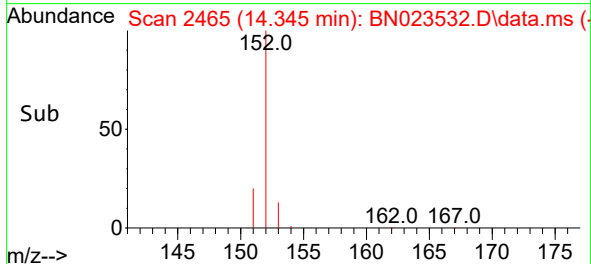
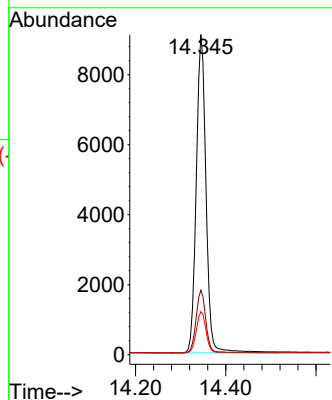
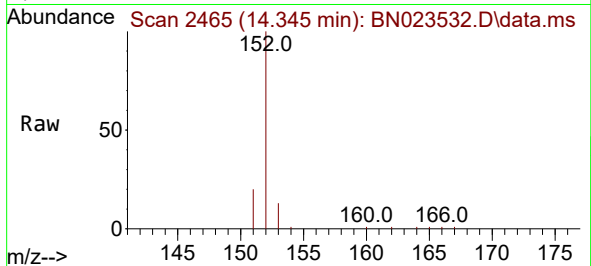




#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.345 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

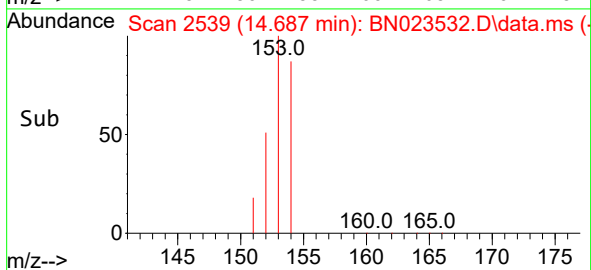
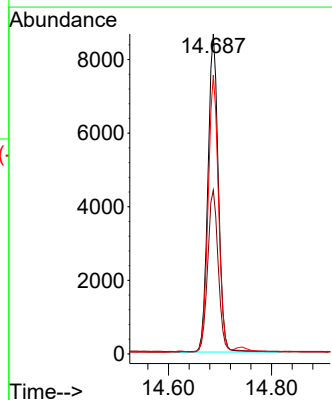
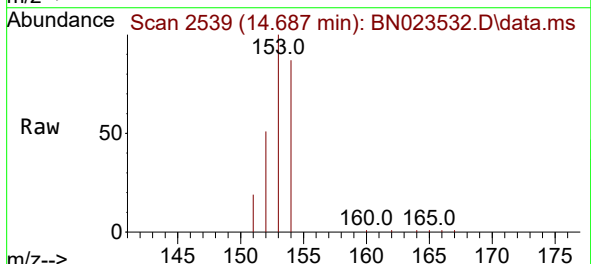
Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

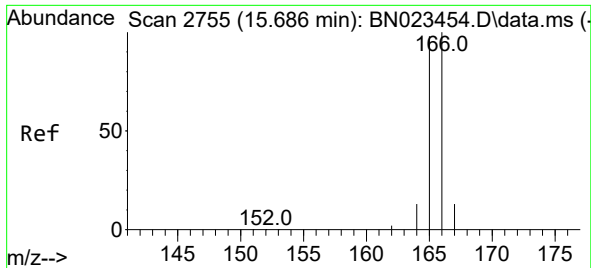
Tgt Ion:152 Resp: 13703
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.351 ng/ul
RT: 14.687 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:153 Resp: 12002
Ion Ratio Lower Upper
153 100
152 51.2 41.0 61.4
154 87.1 69.5 104.3

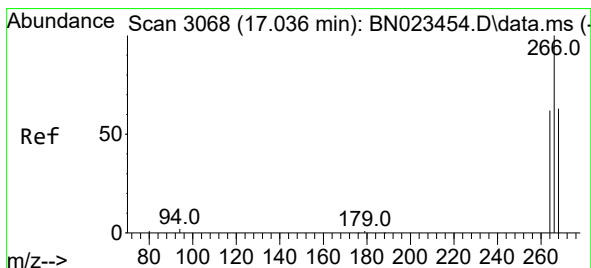
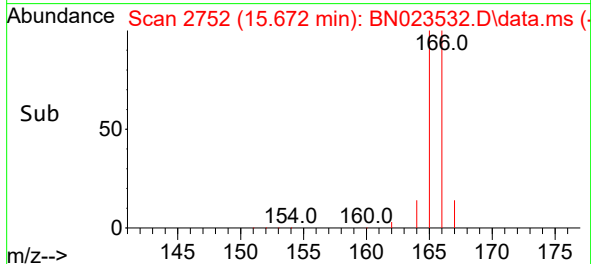
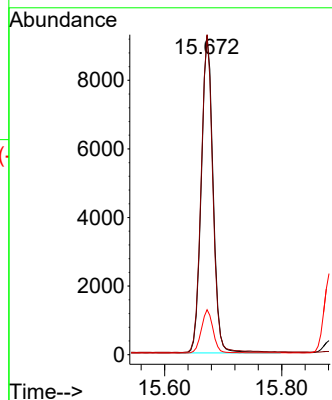
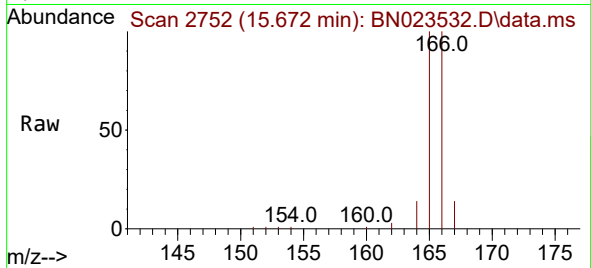




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

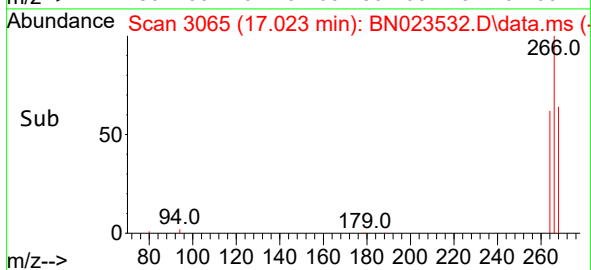
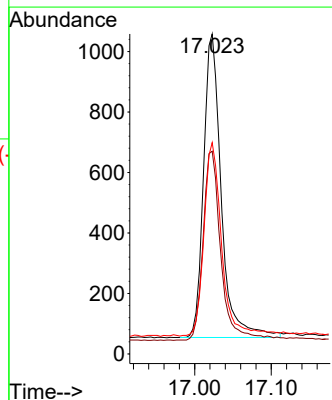
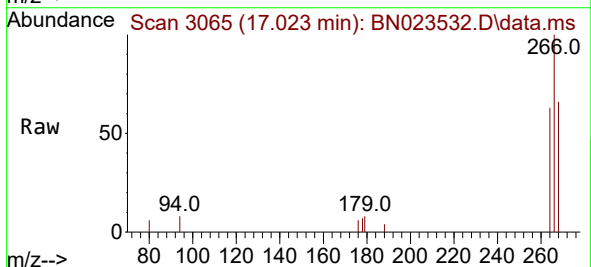
Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

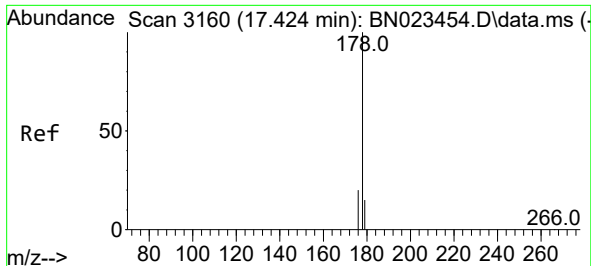
Tgt Ion:166 Resp: 12934
Ion Ratio Lower Upper
166 100
165 100.5 79.1 118.7
167 14.1 11.0 16.4



#14
Pentachlorophenol
Concen: 0.330 ng/ul
RT: 17.023 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:266 Resp: 1614
Ion Ratio Lower Upper
266 100
264 62.6 49.8 74.6
268 64.1 51.4 77.0

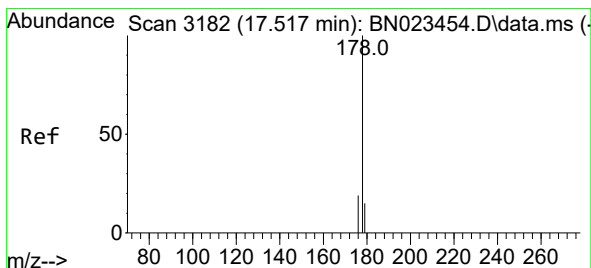
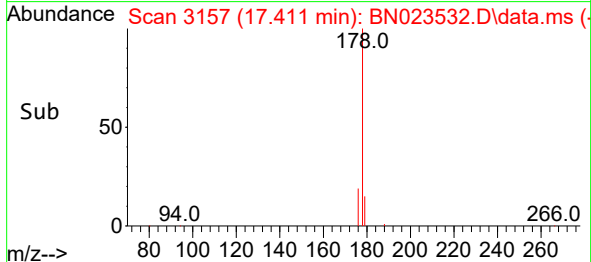
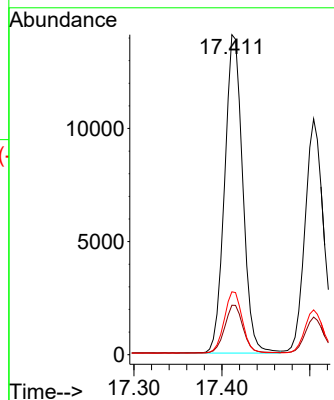
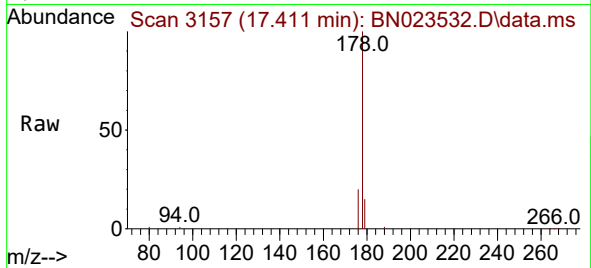




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.411 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

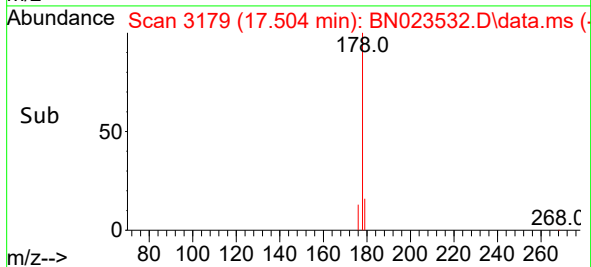
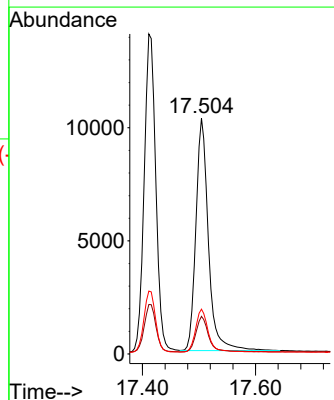
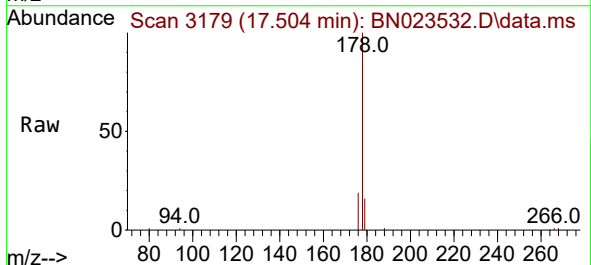
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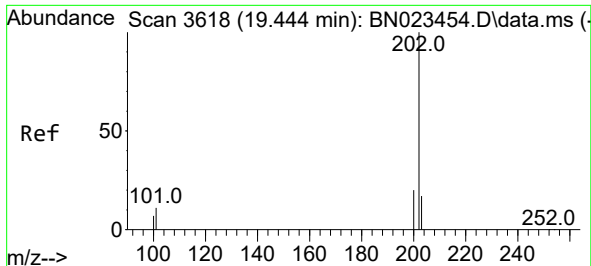
Tgt Ion:178 Resp: 20115
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.6 15.7 23.5



#16
Anthracene
Concen: 0.333 ng/ul
RT: 17.504 min Scan# 3179
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:178 Resp: 15861
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.0 15.4 23.0

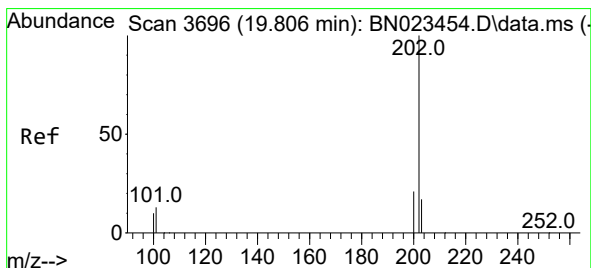
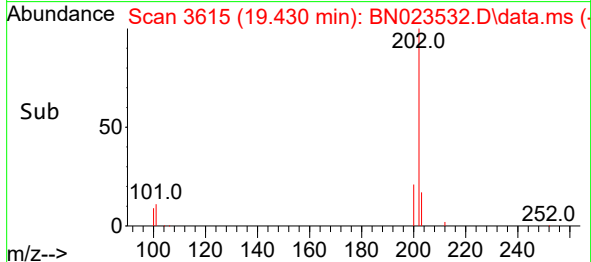
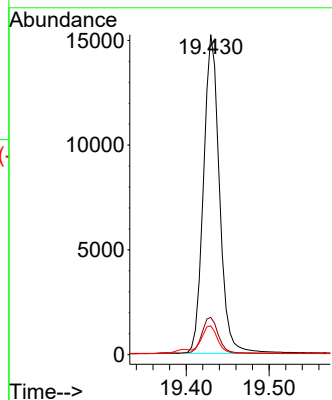
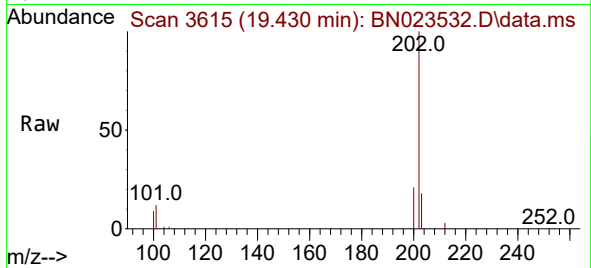




#19
Fluoranthene
Concen: 0.430 ng/ul
RT: 19.430 min Scan# 3615
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

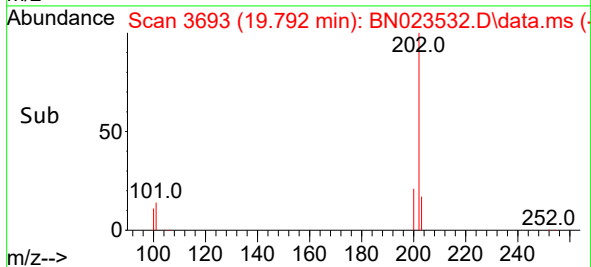
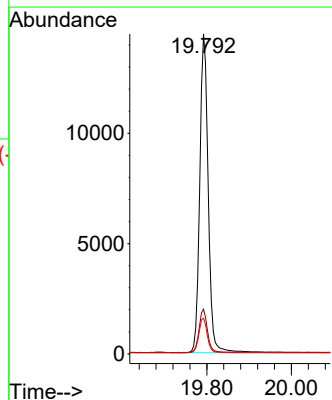
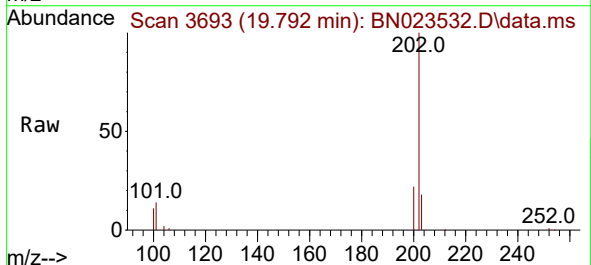
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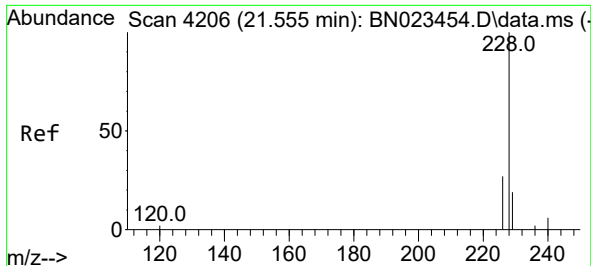
Tgt Ion:202 Resp: 20425
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.792 min Scan# 3693
Delta R.T. 0.000 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

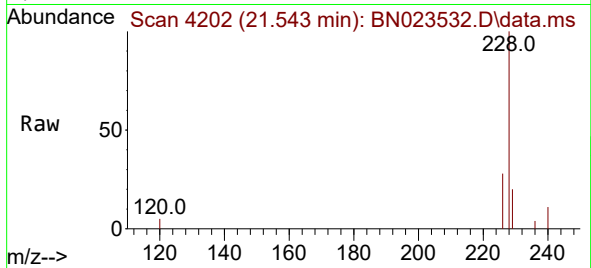
Tgt Ion:202 Resp: 20070
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.1 9.0 13.4



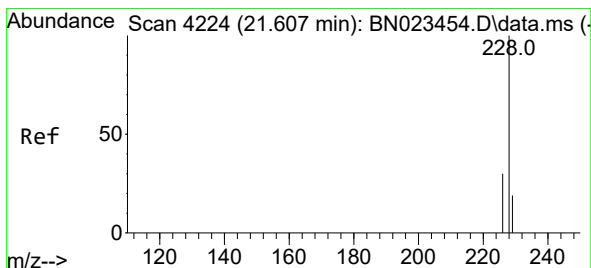
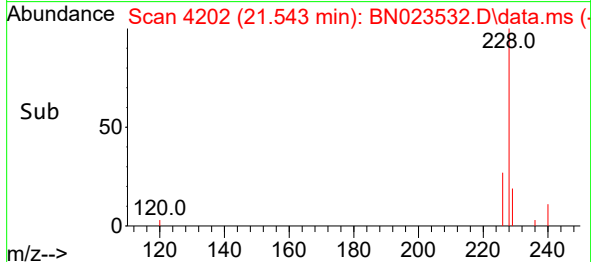
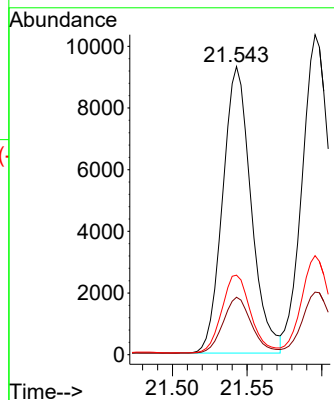


#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.543 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

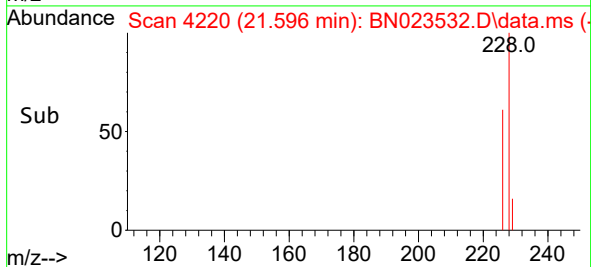
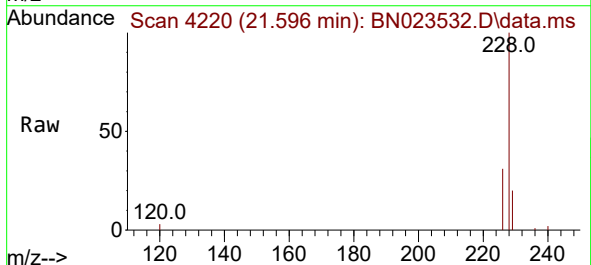
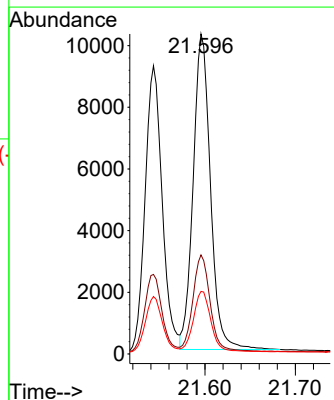


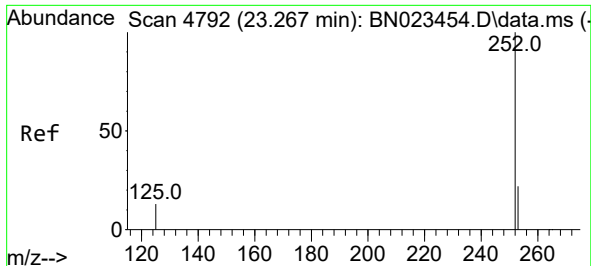
Tgt Ion:228 Resp: 12318
Ion Ratio Lower Upper
228 100
229 19.9 15.6 23.4
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.351 ng/ul
RT: 21.596 min Scan# 4220
Delta R.T. 0.003 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:228 Resp: 13603
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 19.6 15.8 23.6

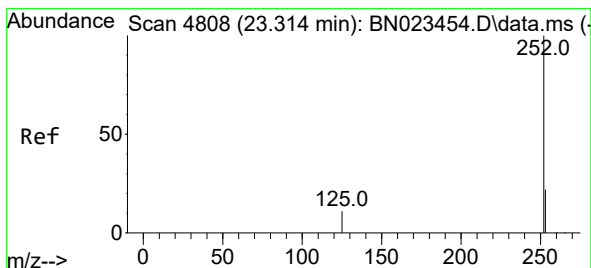
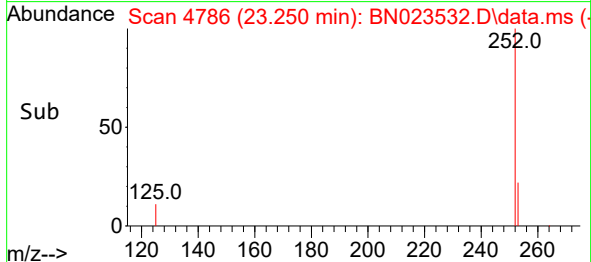
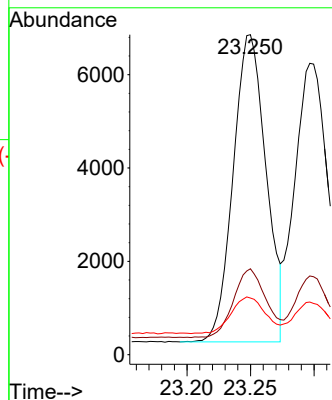
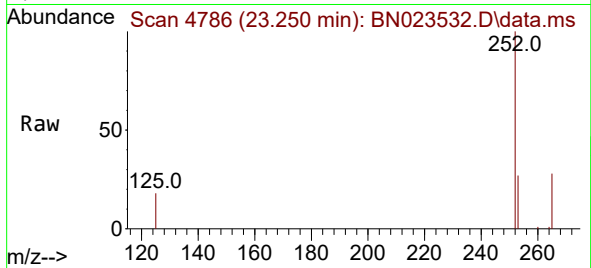




#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.250 min Scan# 4792
Delta R.T. 0.006 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

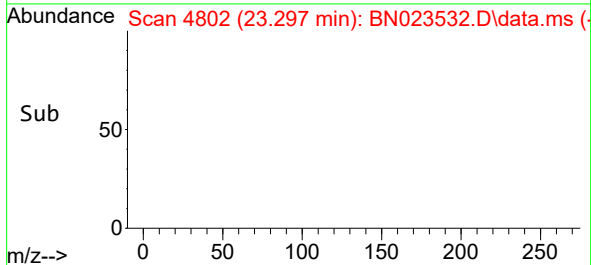
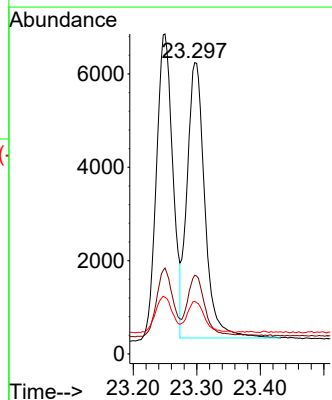
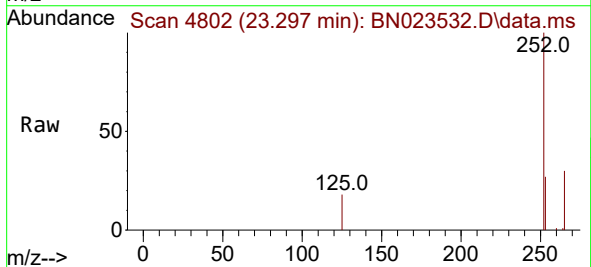
Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

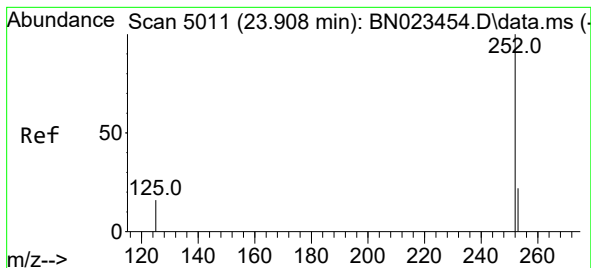
Tgt Ion:252 Resp: 11868
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.2
125 17.7 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.355 ng/ul
RT: 23.297 min Scan# 4802
Delta R.T. 0.003 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:252 Resp: 11485
Ion Ratio Lower Upper
252 100
253 27.0 19.8 29.6
125 18.0 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.330 ng/ul

RT: 23.887 min Scan# 5011

Delta R.T. 0.006 min

Lab File: BN023532.D

Acq: 30 Dec 2022 14:48

Instrument :

BNA_N

ClientSampleId :

SSTD0.4364

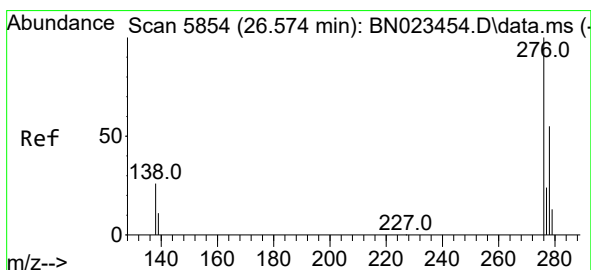
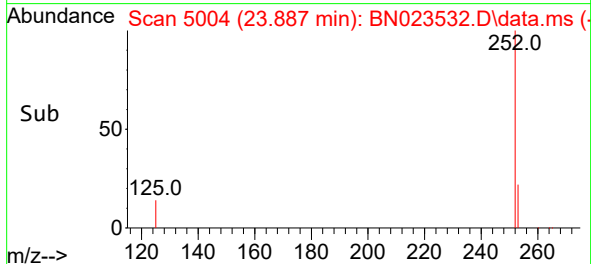
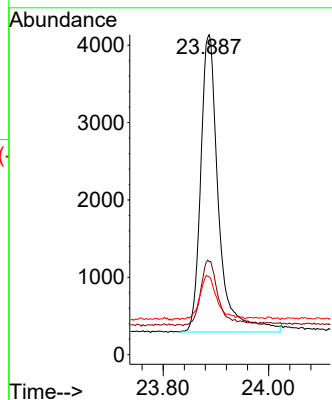
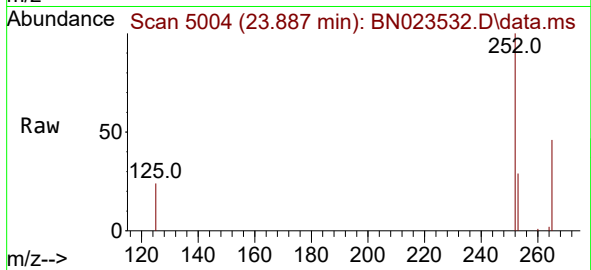
Tgt Ion:252 Resp: 9002

Ion Ratio Lower Upper

252 100

253 29.1 21.4 32.2

125 24.4 16.2 24.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng/ul

RT: 26.537 min Scan# 5843

Delta R.T. 0.003 min

Lab File: BN023532.D

Acq: 30 Dec 2022 14:48

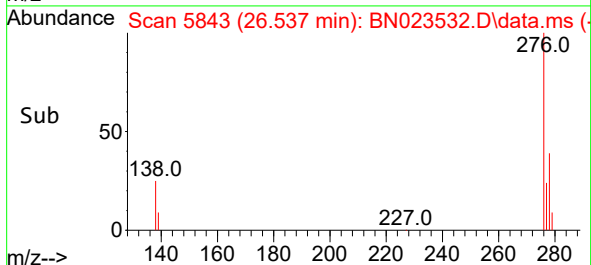
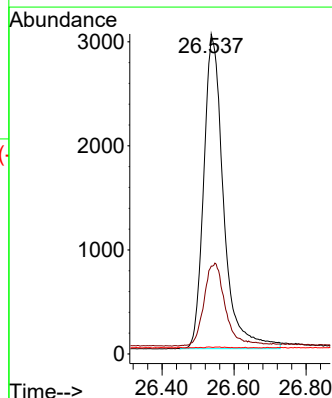
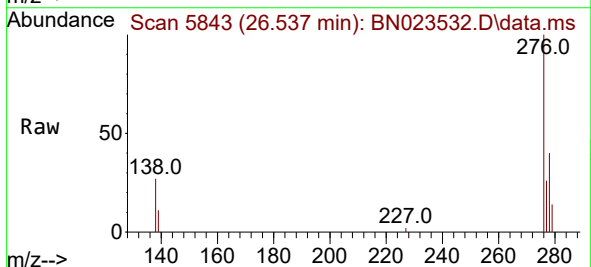
Tgt Ion:276 Resp: 11541

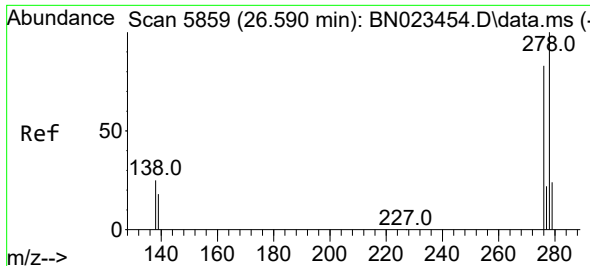
Ion Ratio Lower Upper

276 100

138 0.0 23.4 35.2#

227 0.1 0.0 0.0#

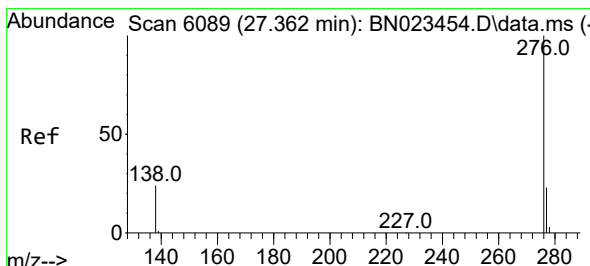
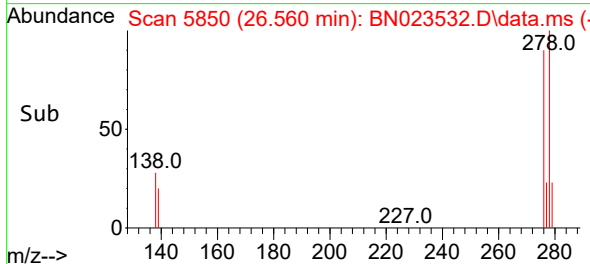
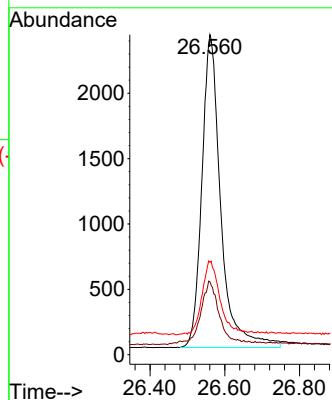
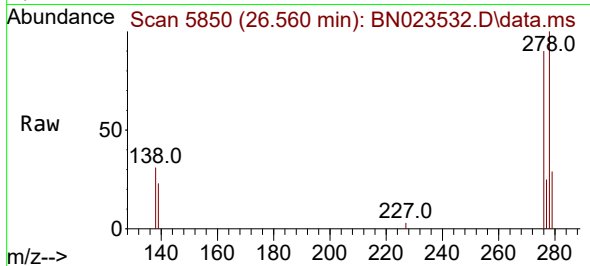




#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.560 min Scan# 51
Delta R.T. 0.003 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4364

Tgt Ion:278 Resp: 8383
Ion Ratio Lower Upper
278 100
139 22.8 16.6 24.8
279 28.9 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.426 ng/ul
RT: 27.322 min Scan# 6077
Delta R.T. 0.007 min
Lab File: BN023532.D
Acq: 30 Dec 2022 14:48

Tgt Ion:276 Resp: 11071
Ion Ratio Lower Upper
276 100
138 27.1 20.3 30.5
277 25.4 19.7 29.5

