

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023345.D
 Acq On : 22 Dec 2022 18:43
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4352

Quant Time: Dec 22 23:54:35 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

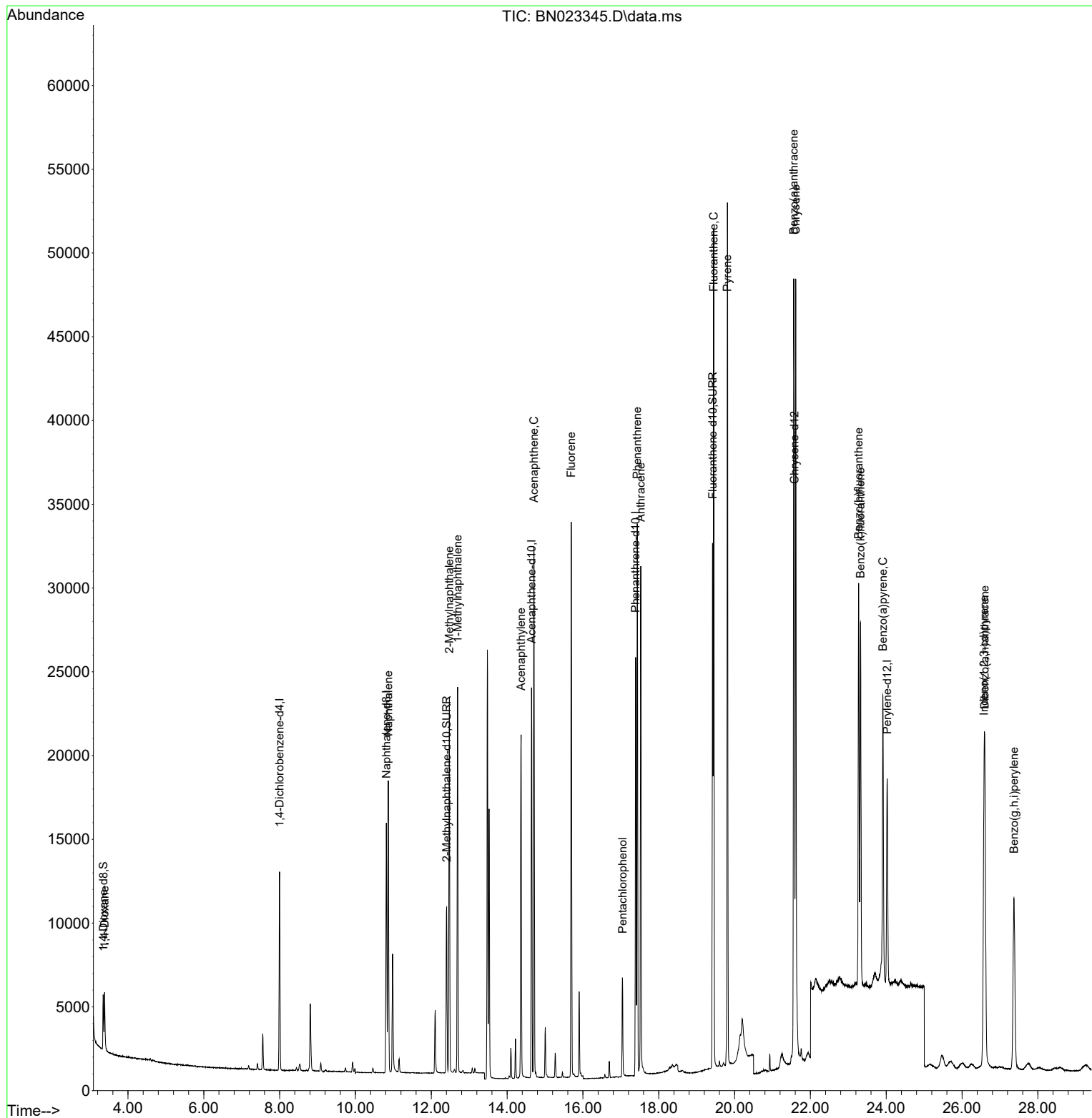
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5731	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	19516	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	12153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	27718	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	21915	0.400	ng/ul	# 0.00
23) Perylene-d12	24.025	264	16994	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.349	96	2280	0.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	12683	0.420	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	32034	0.404	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.382	88	2388	0.375	ng/ul#	92
5) Naphthalene	10.865	128	22676	0.396	ng/ul	99
7) 2-Methylnaphthalene	12.476	142	15093	0.412	ng/ul	99
8) 1-Methylnaphthalene	12.696	142	15641	0.414	ng/ul	100
10) Acenaphthylene	14.368	152	23465	0.436	ng/ul	100
11) Acenaphthene	14.705	153	17858	0.394	ng/ul	99
12) Fluorene	15.691	166	20415	0.400	ng/ul	99
14) Pentachlorophenol	17.044	266	3913	0.509	ng/ul	99
15) Phenanthrene	17.432	178	34158	0.378	ng/ul	100
16) Anthracene	17.525	178	31747	0.424	ng/ul	100
19) Fluoranthene	19.448	202	41022	0.386	ng/ul	100
20) Pyrene	19.811	202	42073	0.393	ng/ul	100
21) Benzo(a)anthracene	21.560	228	36898	0.432	ng/ul	97
22) Chrysene	21.613	228	35512	0.409	ng/ul#	94
24) Benzo(b)fluoranthene	23.273	252	30823	0.351	ng/ul	99
25) Benzo(k)fluoranthene	23.323	252	29798	0.361	ng/ul	98
26) Benzo(a)pyrene	23.911	252	25714	0.369	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.580	276	28583	0.352	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.600	278	22283	0.354	ng/ul	98
29) Benzo(g,h,i)perylene	27.369	276	23226	0.351	ng/ul	98

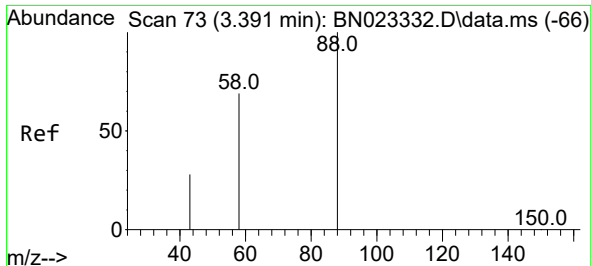
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 23:54:35 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 : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

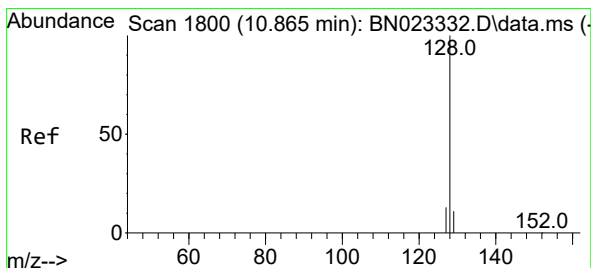
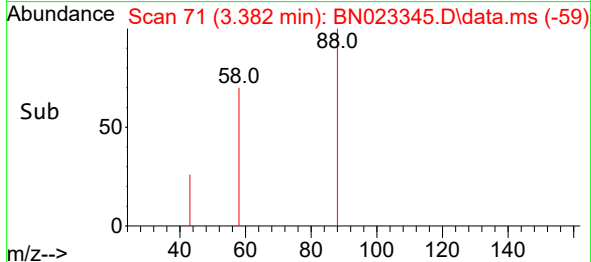
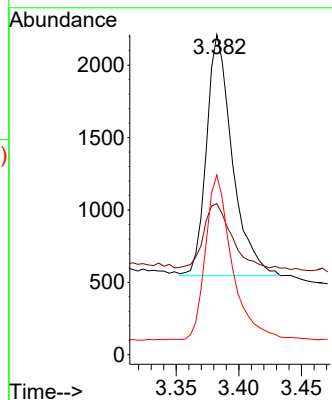
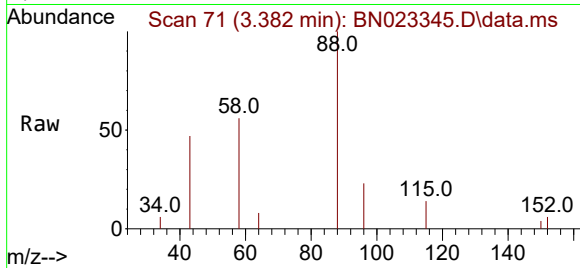




#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.382 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

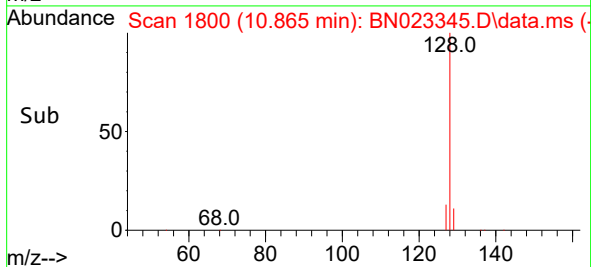
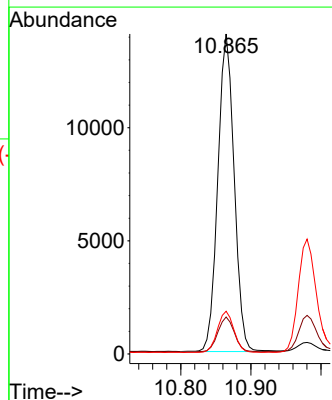
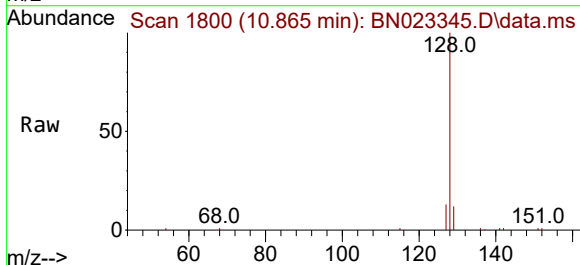
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

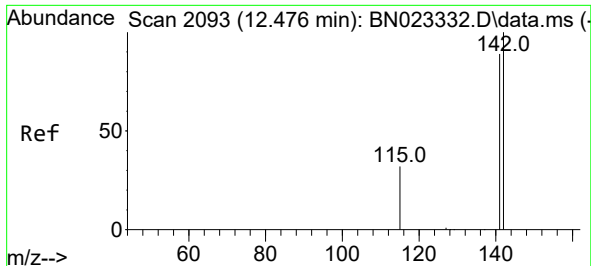
Tgt Ion: 88 Resp: 2388
Ion Ratio Lower Upper
88 100
43 47.2 28.4 42.6#
58 56.2 45.6 68.4



#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:128 Resp: 22676
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.3 10.7 16.1

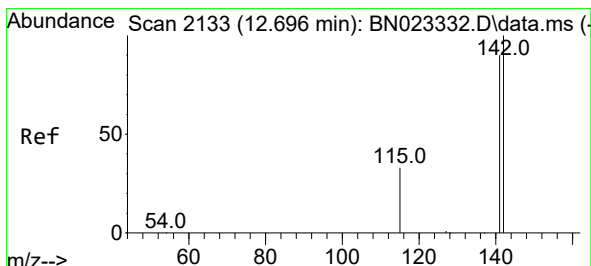
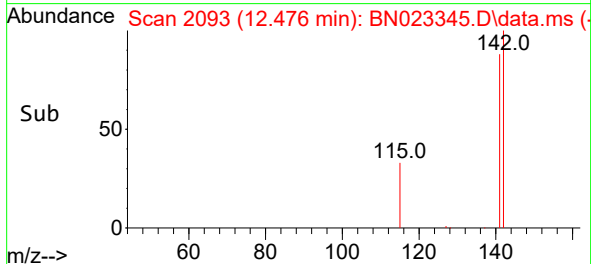
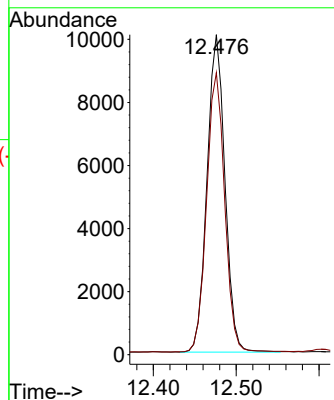
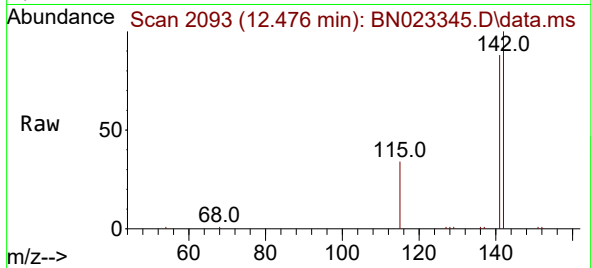




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

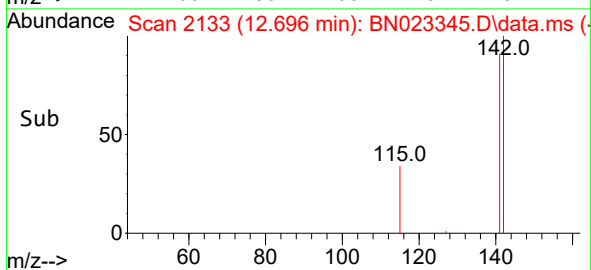
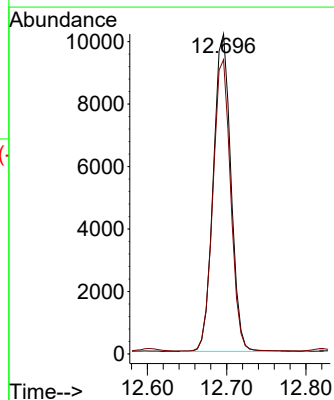
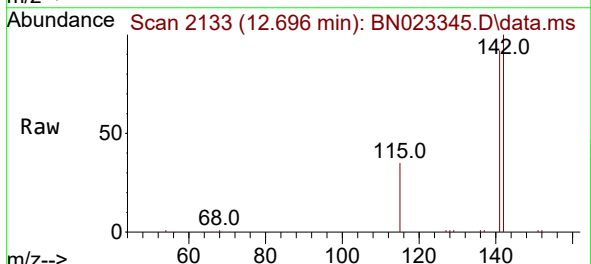
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

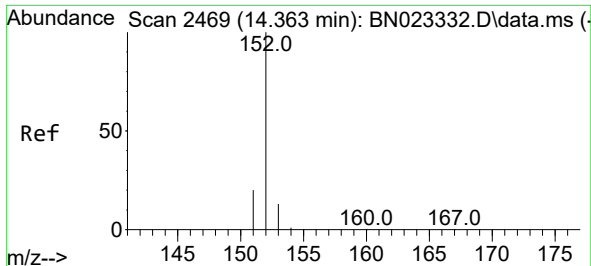
Tgt Ion:142 Resp: 15093
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.696 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:142 Resp: 15641
Ion Ratio Lower Upper
142 100
141 92.2 74.0 111.0

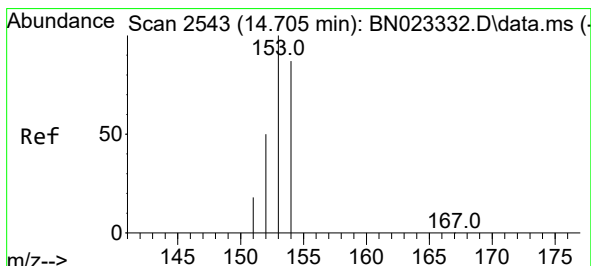
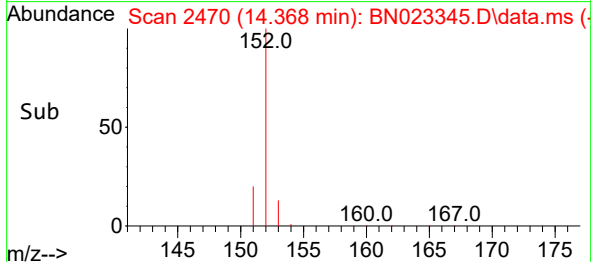
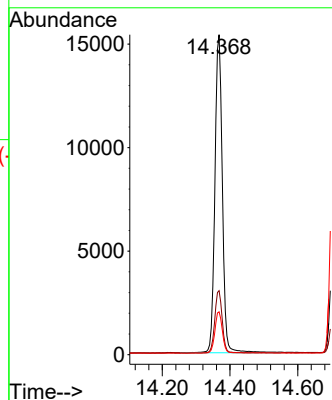
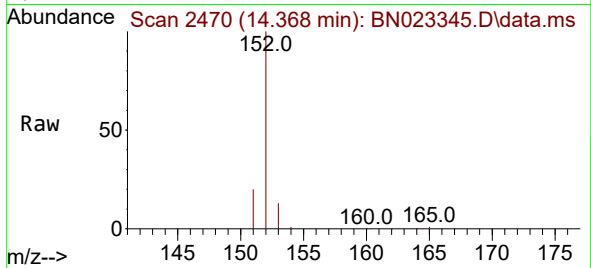




#10
Acenaphthylene
Concen: 0.436 ng/ul
RT: 14.368 min Scan# 2469
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

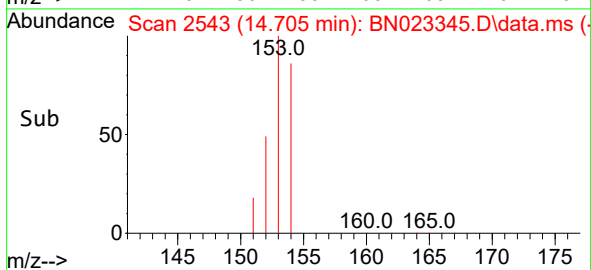
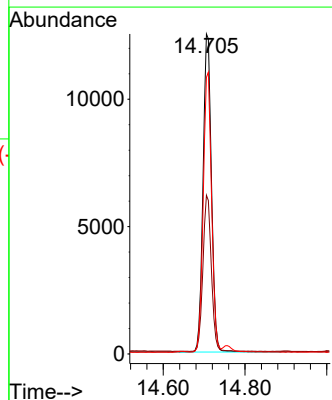
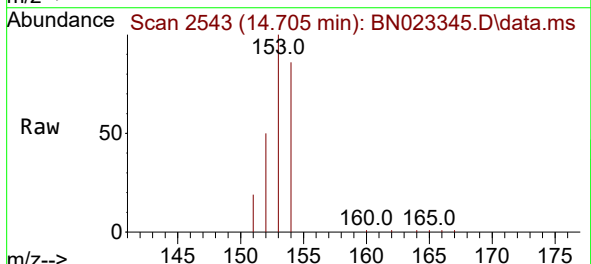
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ClientSampleId :
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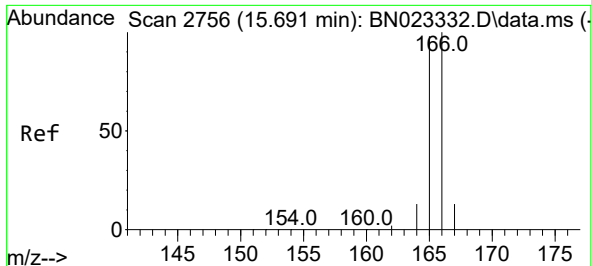
Tgt Ion:152 Resp: 23465
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.394 ng/ul
RT: 14.705 min Scan# 2543
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:153 Resp: 17858
Ion Ratio Lower Upper
153 100
152 49.6 41.0 61.4
154 86.4 69.5 104.3

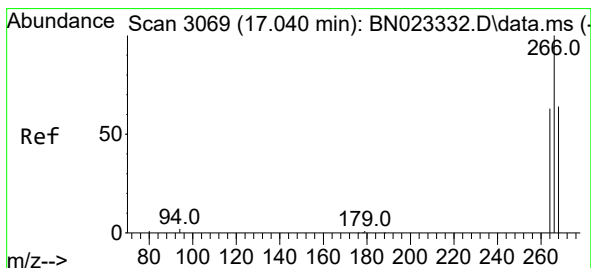
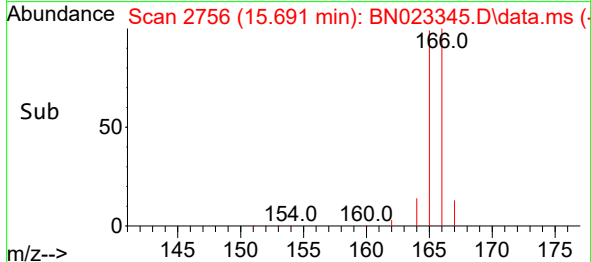
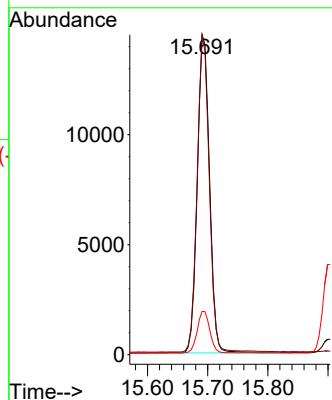
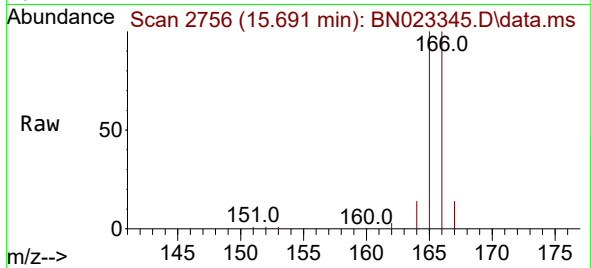




#12
Fluorene
Concen: 0.400 ng/ul
RT: 15.691 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

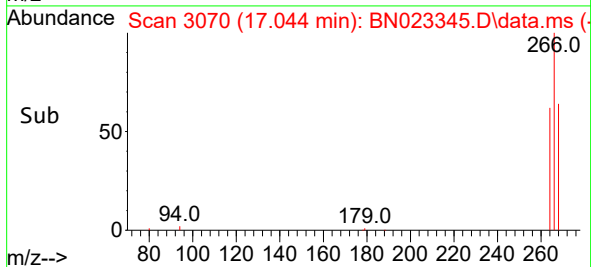
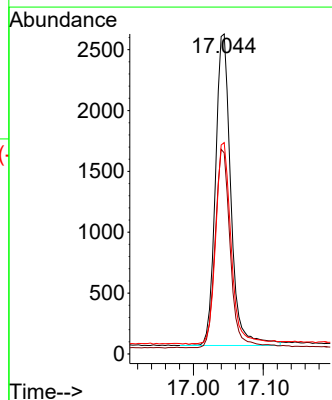
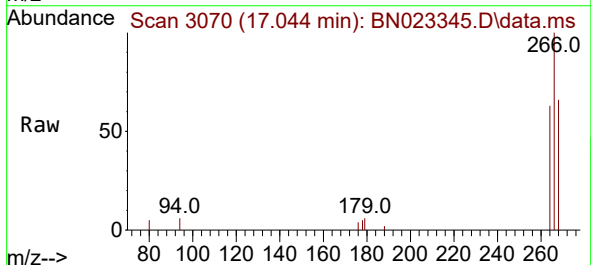
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ClientSampleId :
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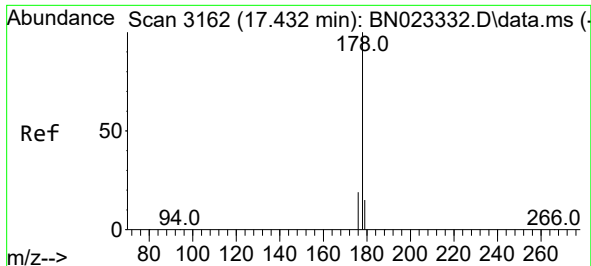
Tgt Ion:166 Resp: 20415
Ion Ratio Lower Upper
166 100
165 99.6 79.1 118.7
167 13.6 11.0 16.4



#14
Pentachlorophenol
Concen: 0.509 ng/ul
RT: 17.044 min Scan# 3070
Delta R.T. 0.003 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:266 Resp: 3913
Ion Ratio Lower Upper
266 100
264 62.8 49.8 74.6
268 64.9 51.4 77.0

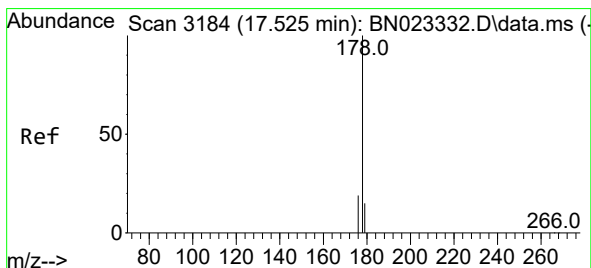
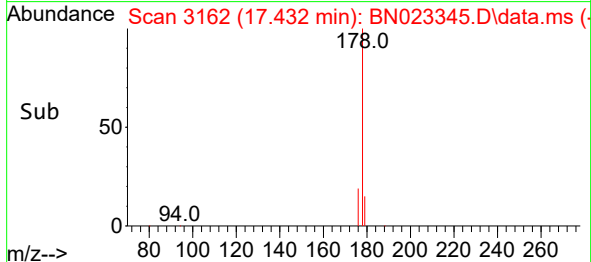
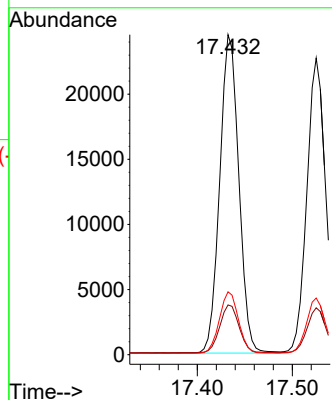
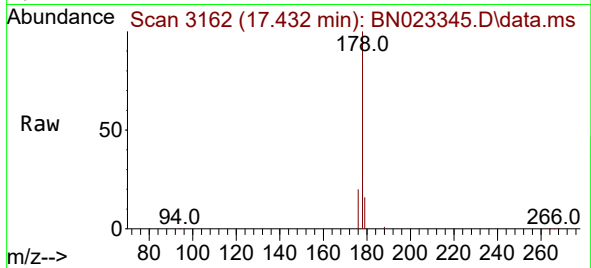




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

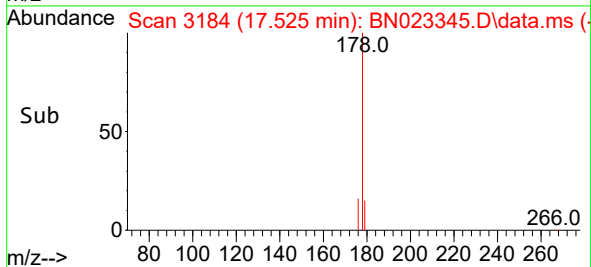
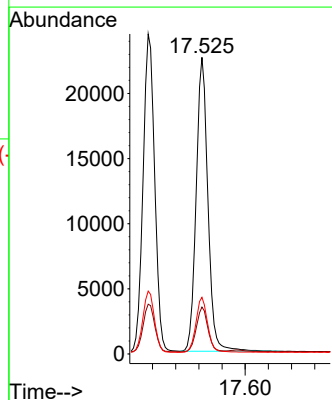
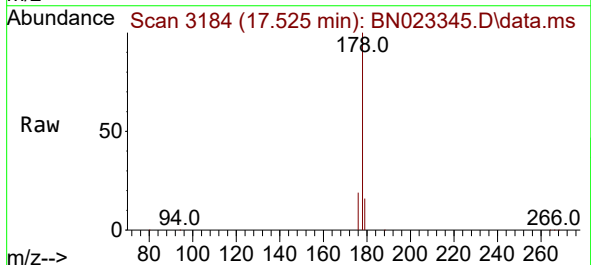
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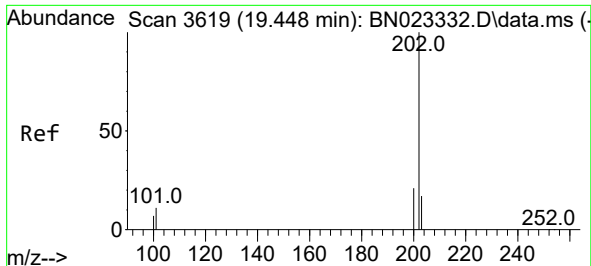
Tgt Ion:178 Resp: 34158
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.424 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:178 Resp: 31747
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 15.4 23.0

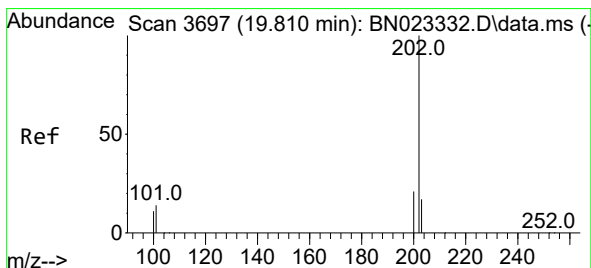
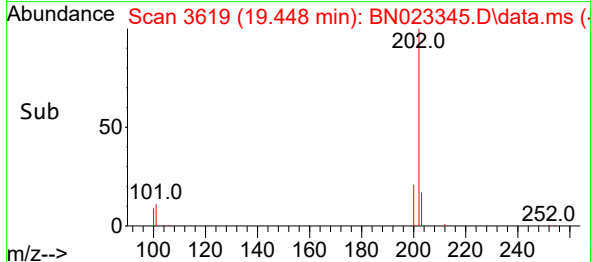
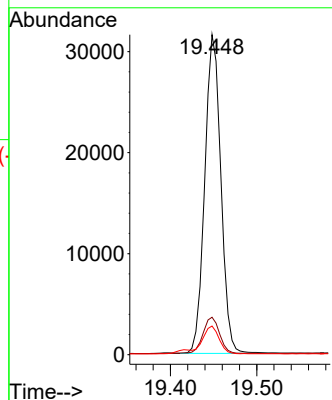
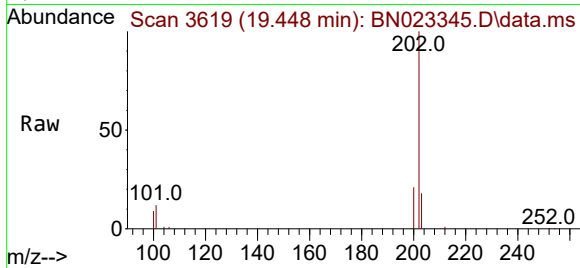




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

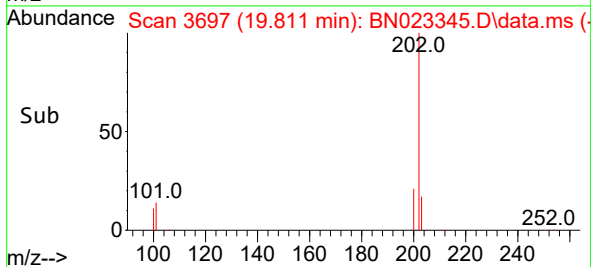
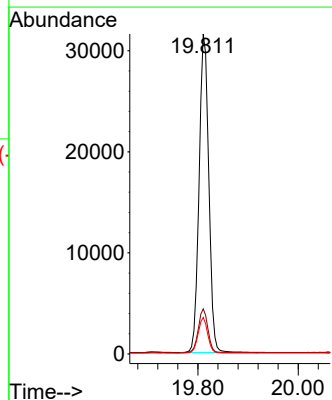
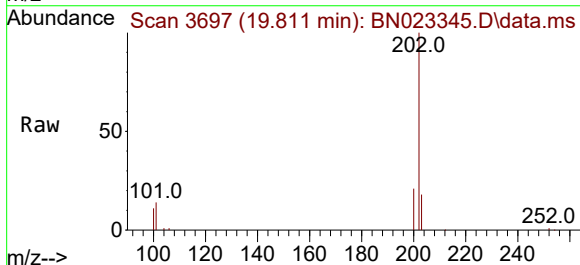
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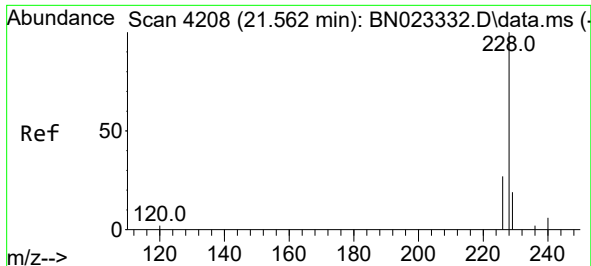
Tgt Ion:202 Resp: 41022
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.0 7.0 10.6



#20
Pyrene
Concen: 0.393 ng/ul
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:202 Resp: 42073
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.4 9.0 13.4

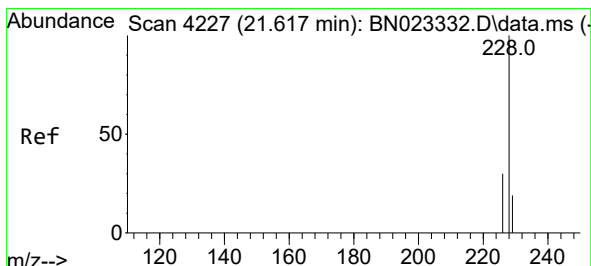
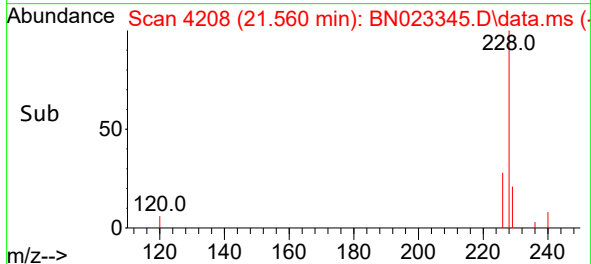
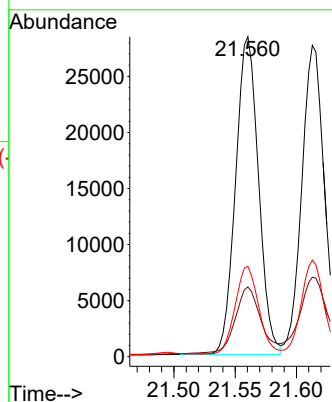
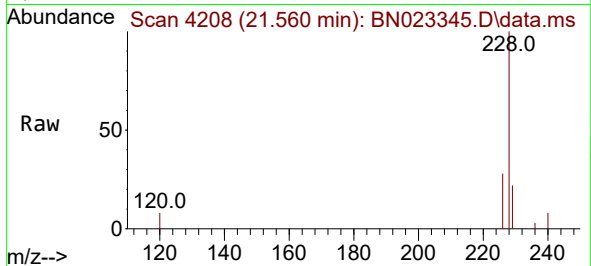




#21
Benzo(a)anthracene
Concen: 0.432 ng/ul
RT: 21.560 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

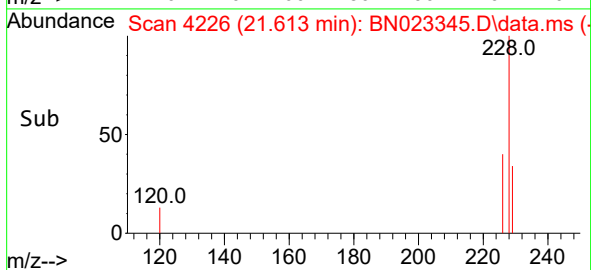
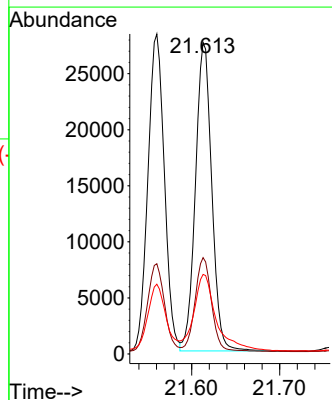
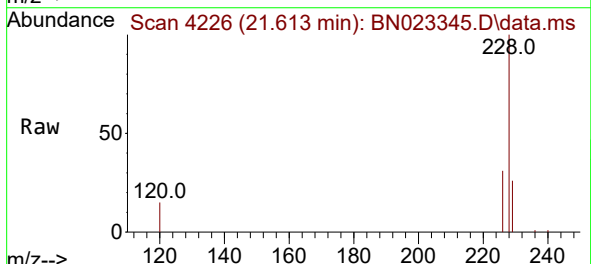
Instrument :
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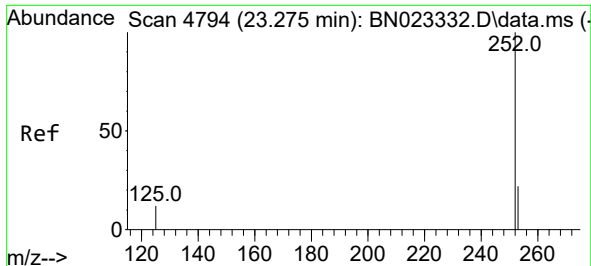
Tgt Ion:228 Resp: 36898
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.409 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:228 Resp: 35512
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 25.5 15.8 23.6#

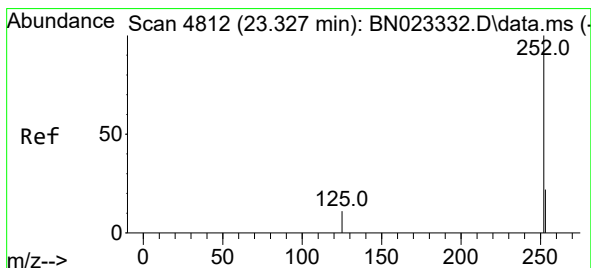
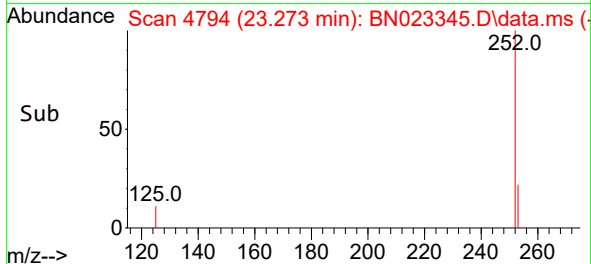
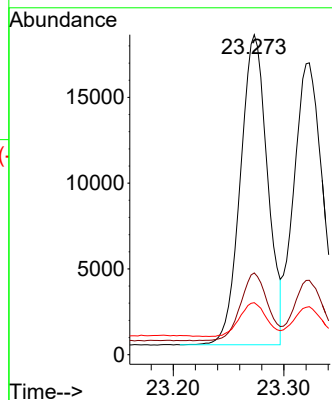
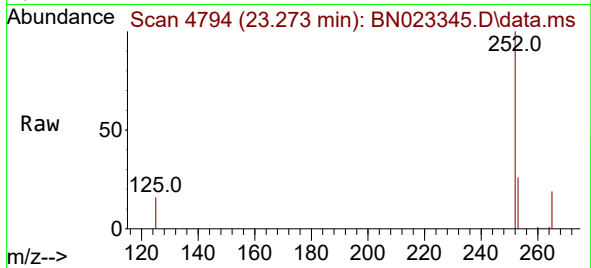




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 23.273 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

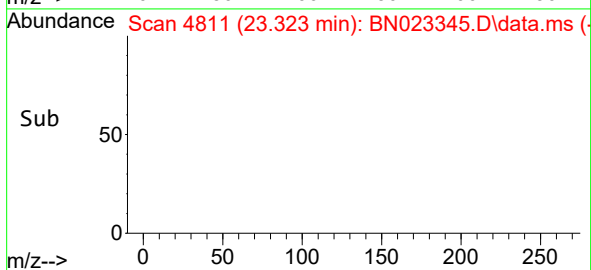
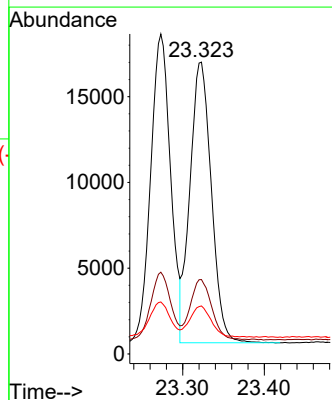
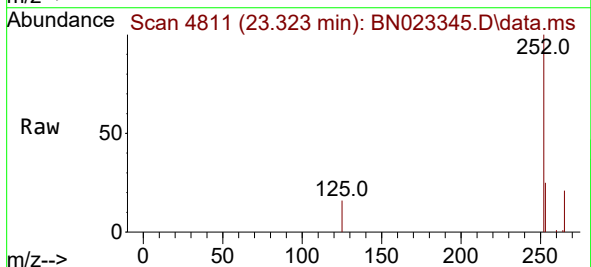
Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

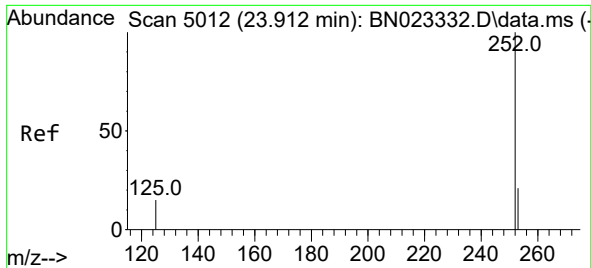
Tgt Ion:252 Resp: 30823
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.2
125 16.2 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

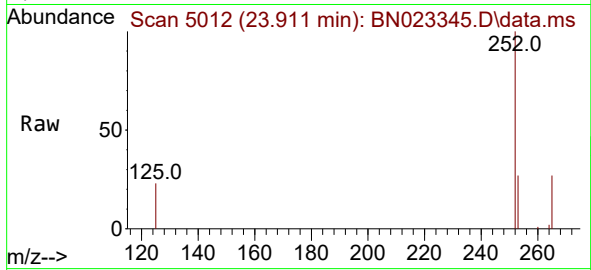
Tgt Ion:252 Resp: 29798
Ion Ratio Lower Upper
252 100
253 25.5 19.8 29.6
125 16.4 12.6 18.8



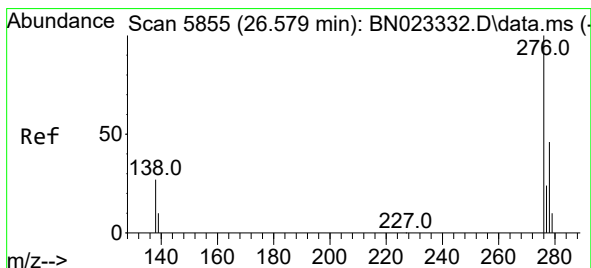
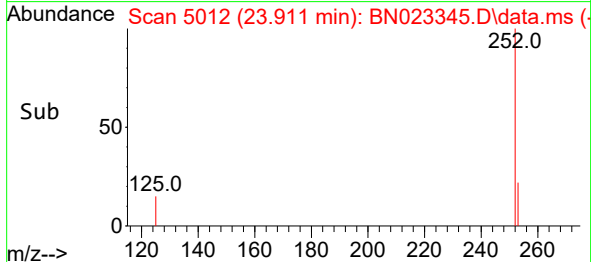
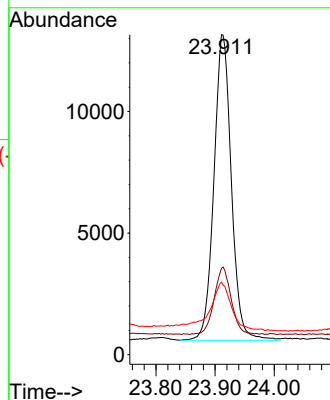


#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.911 min Scan# 5012
Delta R.T. -0.004 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

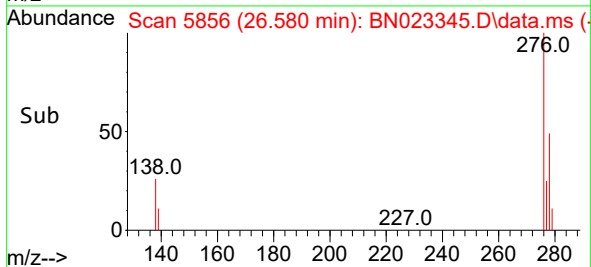
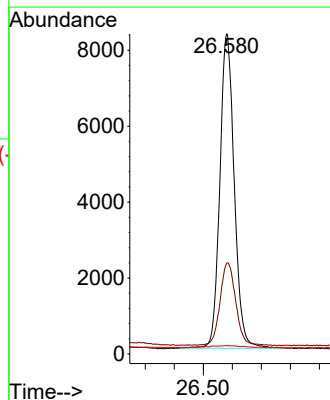
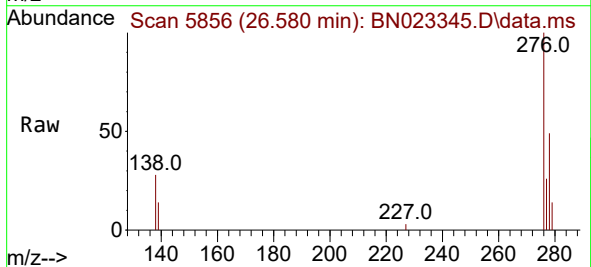


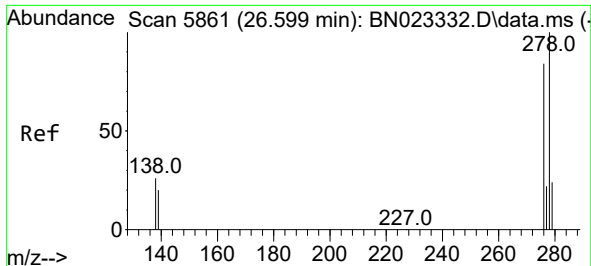
Tgt Ion:252 Resp: 25714
Ion Ratio Lower Upper
252 100
253 26.9 21.4 32.2
125 22.7 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:276 Resp: 28583
Ion Ratio Lower Upper
276 100
138 28.4 23.4 35.2
227 1.5 0.0 0.0#

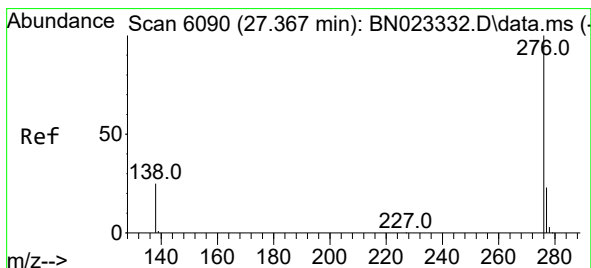
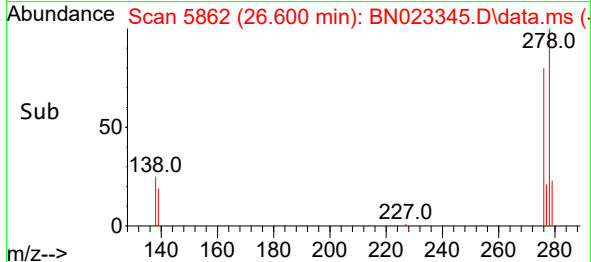
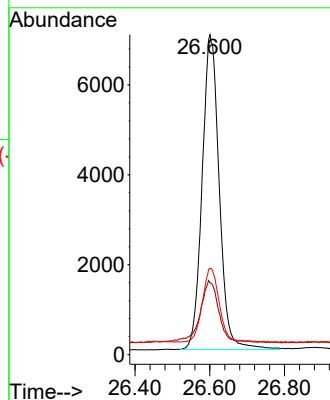
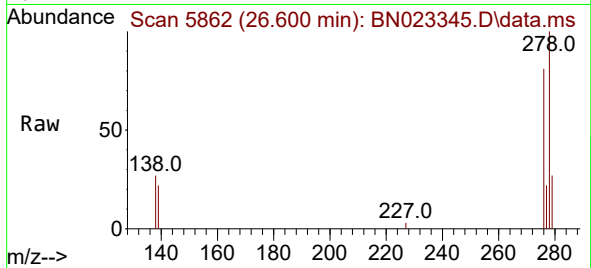




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.600 min Scan# 5862
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Instrument :
BNA_N
ClientSampleId :
SSTD0.4352

Tgt Ion:278 Resp: 22283
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 26.9 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.351 ng/ul
RT: 27.369 min Scan# 6091
Delta R.T. -0.001 min
Lab File: BN023345.D
Acq: 22 Dec 2022 18:43

Tgt Ion:276 Resp: 23226
Ion Ratio Lower Upper
276 100
138 27.5 20.3 30.5
277 25.0 19.7 29.5

