

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033026.D
 Acq On : 27 Jul 2024 09:53
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4285

Quant Time: Jul 28 22:57:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

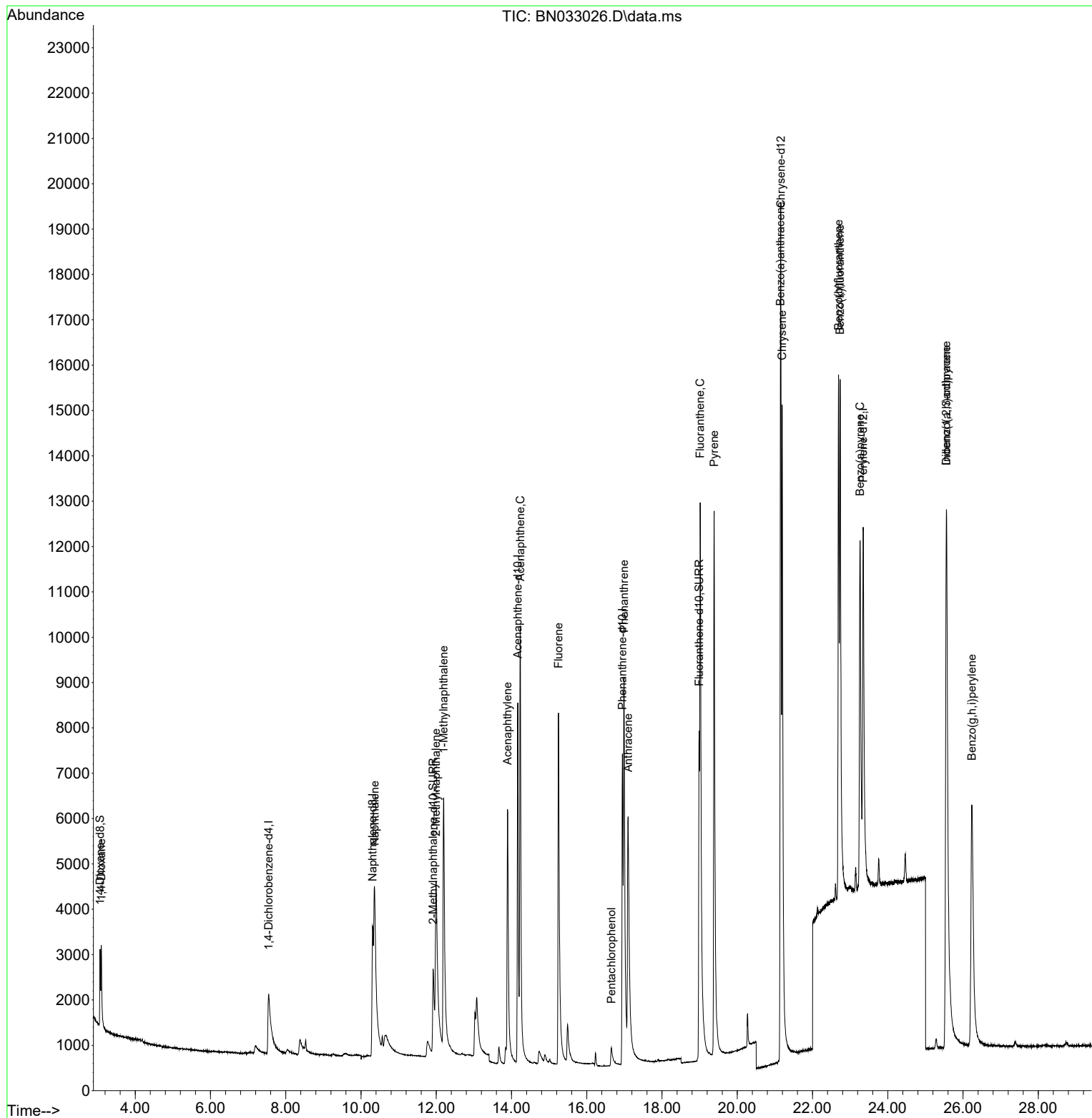
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	2291	0.400	ng/ul	0.02
4) Naphthalene-d8	10.306	136	9710	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.166	164	6370	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	13536	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	12286	0.400	ng/ul	# 0.00
23) Perylene-d12	23.346	264	14562	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.065	96	1312	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	5850	0.369	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	14071	0.405	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.098	88	1379	0.417	ng/ul#	77
5) Naphthalene	10.361	128	9795	0.393	ng/ul	97
7) 2-Methylnaphthalene	11.994	142	6258	0.370	ng/ul	100
8) 1-Methylnaphthalene	12.192	142	6739	0.369	ng/ul	99
10) Acenaphthylene	13.893	152	10601	0.407	ng/ul	99
11) Acenaphthene	14.231	153	8341	0.425	ng/ul	99
12) Fluorene	15.249	166	9031	0.395	ng/ul	99
14) Pentachlorophenol	16.654	266	690	0.250	ng/ul	99
15) Phenanthrene	16.988	178	13559	0.373	ng/ul	100
16) Anthracene	17.097	178	11774	0.361	ng/ul	99
19) Fluoranthene	19.014	202	16839	0.416	ng/ul	99
20) Pyrene	19.386	202	17391	0.401	ng/ul	98
21) Benzo(a)anthracene	21.145	228	14437	0.344	ng/ul	98
22) Chrysene	21.192	228	19549	0.400	ng/ul	99
24) Benzo(b)fluoranthene	22.691	252	16440	0.386	ng/ul	89
25) Benzo(k)fluoranthene	22.732	252	20435	0.401	ng/ul#	88
26) Benzo(a)pyrene	23.261	252	17035	0.426	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.557	276	19621	0.322	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.557	278	15727	0.326	ng/ul#	93
29) Benzo(g,h,i)perylene	26.231	276	16433	0.340	ng/ul	96

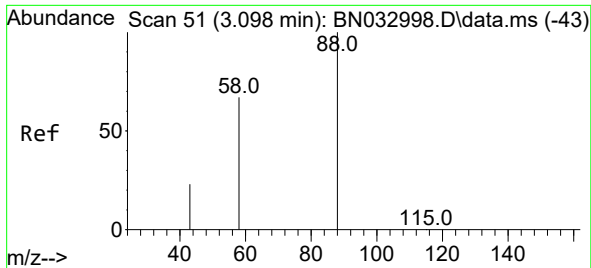
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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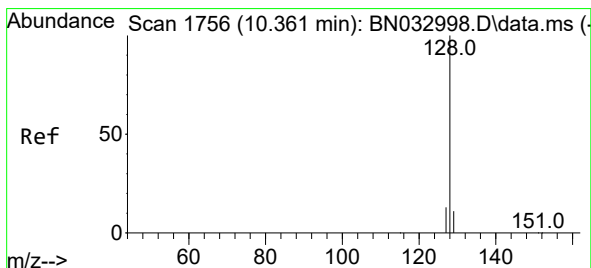
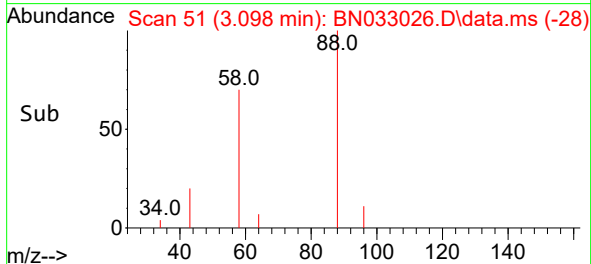
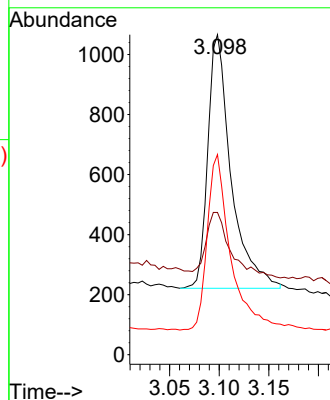
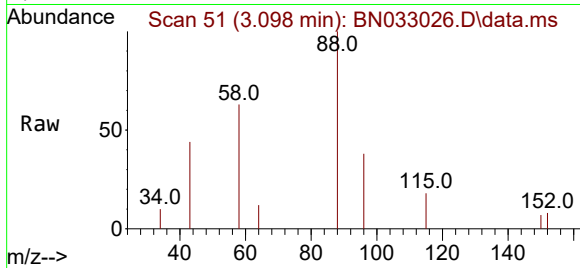




#2
1,4-Dioxane
Concen: 0.417 ng/ul
RT: 3.098 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

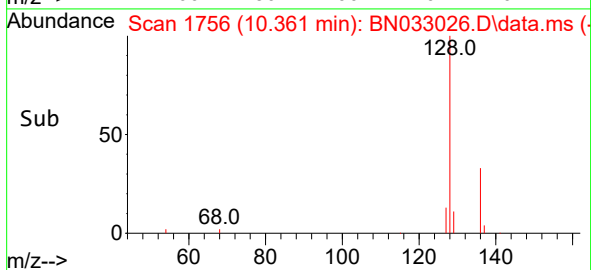
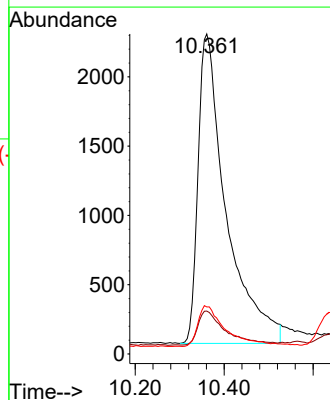
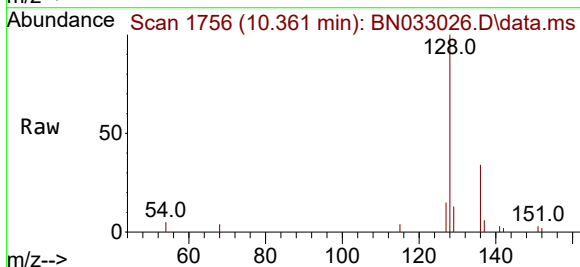
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

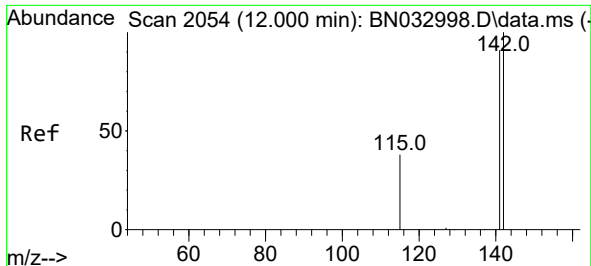
Tgt Ion: 88 Resp: 1379
Ion Ratio Lower Upper
88 100
43 44.5 63.4 95.2#
58 62.6 49.4 74.0



#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. 0.011 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion: 128 Resp: 9795
Ion Ratio Lower Upper
128 100
129 13.4 12.0 18.0
127 14.7 12.7 19.1

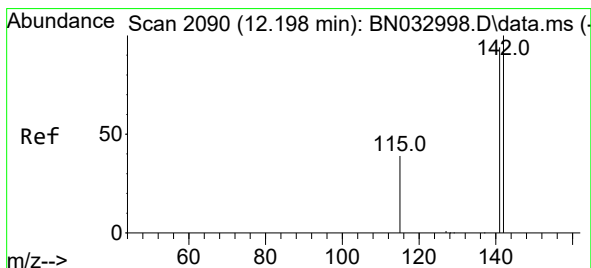
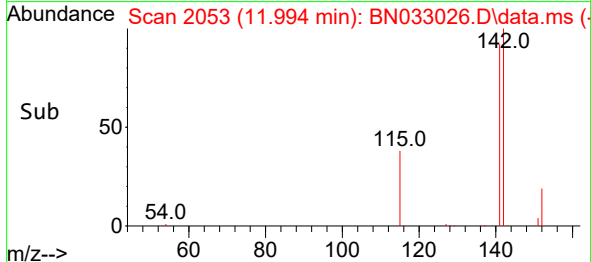
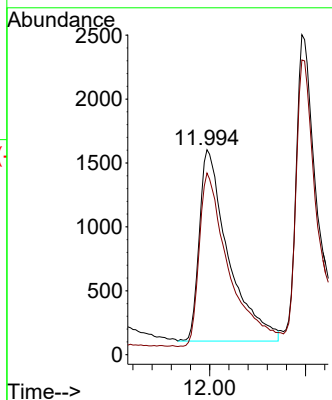
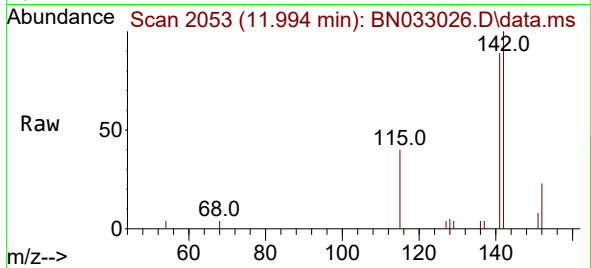




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. 0.011 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

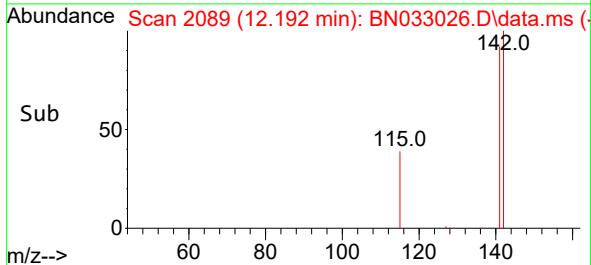
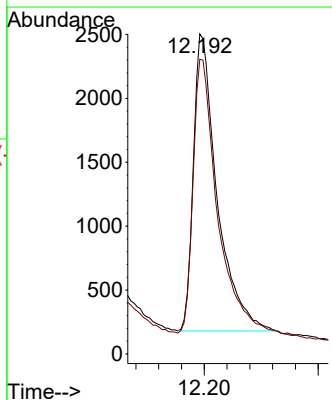
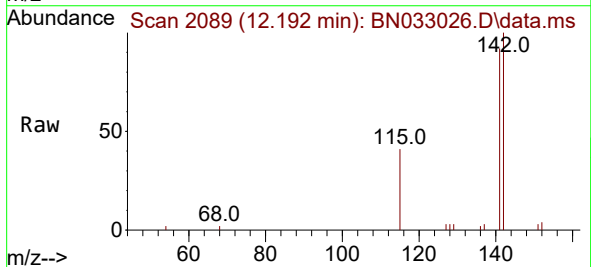
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

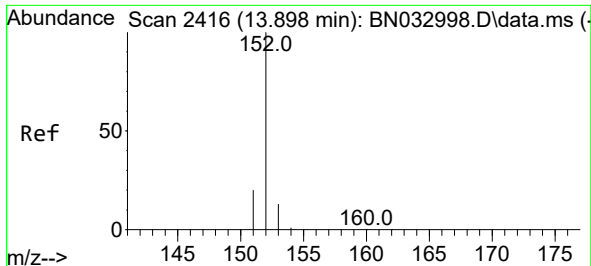
Tgt Ion:142 Resp: 6258
Ion Ratio Lower Upper
142 100
141 94.3 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.192 min Scan# 2089
Delta R.T. -0.005 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:142 Resp: 6739
Ion Ratio Lower Upper
142 100
141 94.1 74.3 111.5

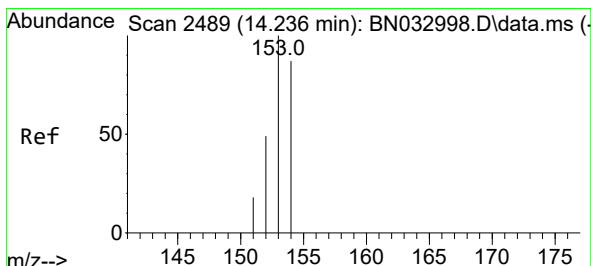
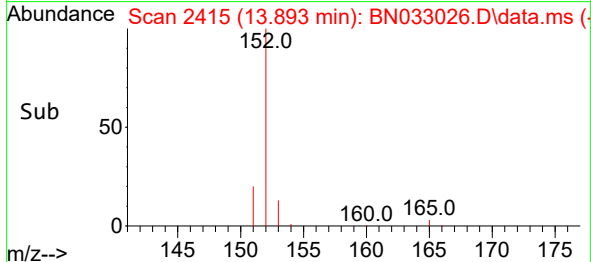
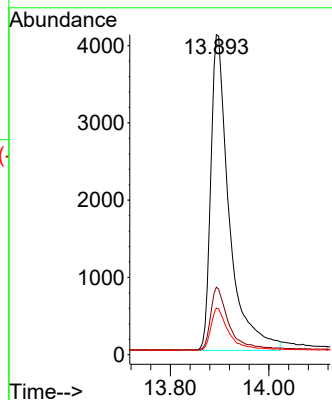
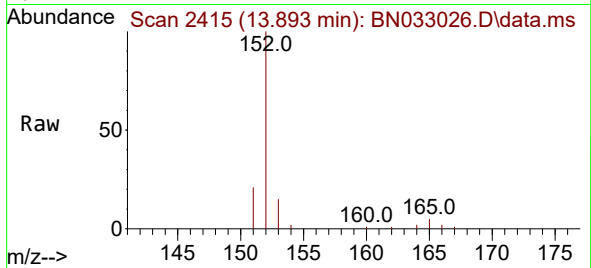




#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.893 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

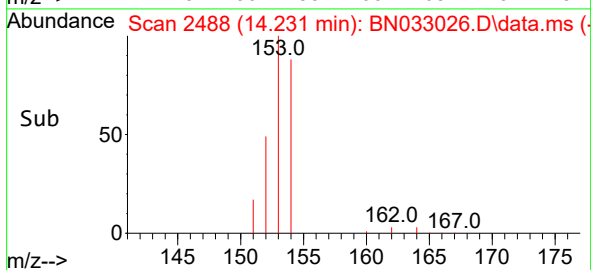
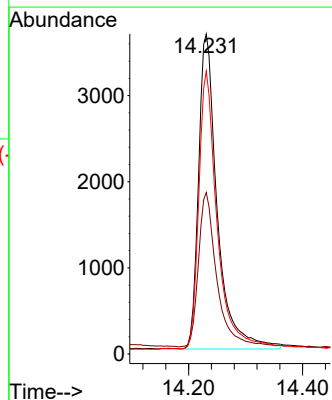
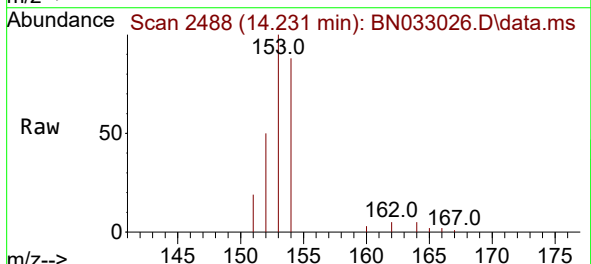
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

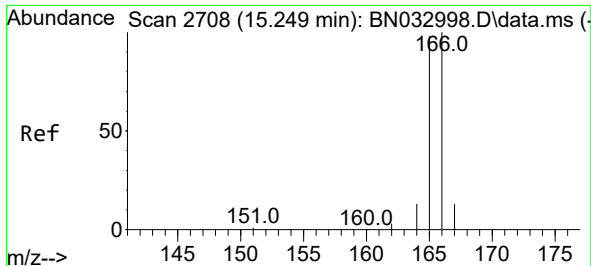
Tgt Ion:152 Resp: 10601
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.425 ng/ul
RT: 14.231 min Scan# 2488
Delta R.T. -0.004 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:153 Resp: 8341
Ion Ratio Lower Upper
153 100
152 50.5 40.0 60.0
154 88.4 70.1 105.1

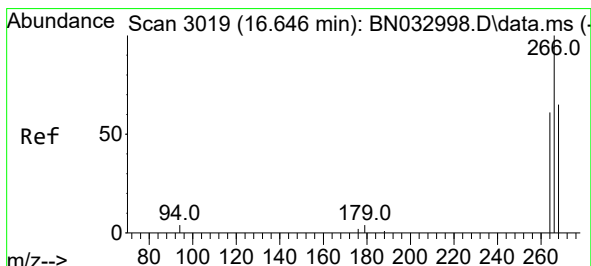
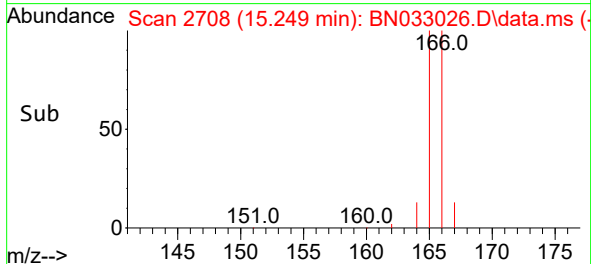
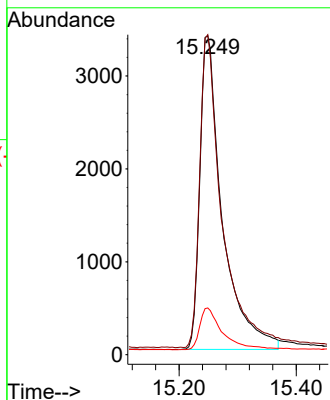
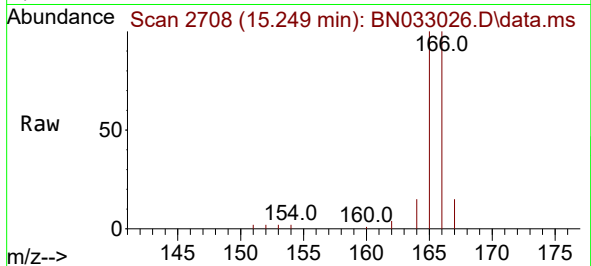




#12
Fluorene
Concen: 0.395 ng/ul
RT: 15.249 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

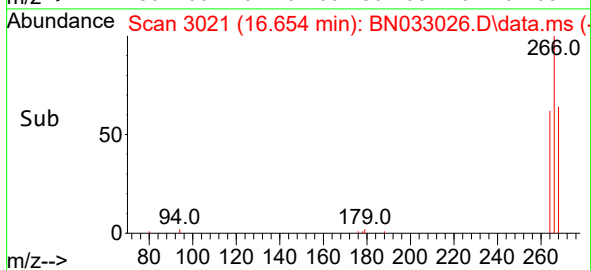
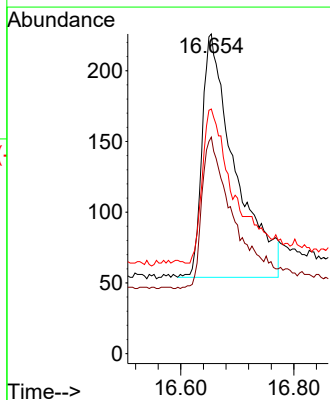
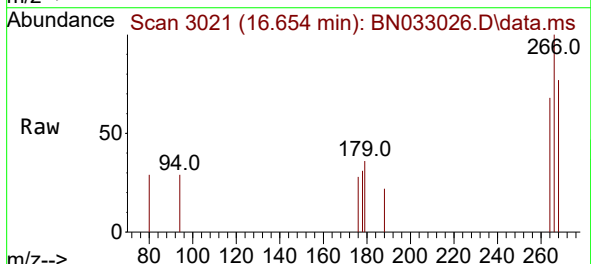
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

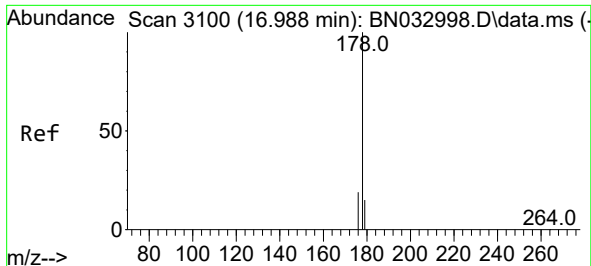
Tgt Ion:166 Resp: 9031
Ion Ratio Lower Upper
166 100
165 100.3 79.6 119.4
167 14.7 12.2 18.4



#14
Pentachlorophenol
Concen: 0.250 ng/ul
RT: 16.654 min Scan# 3021
Delta R.T. 0.017 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:266 Resp: 690
Ion Ratio Lower Upper
266 100
264 61.6 49.3 73.9
268 63.6 51.8 77.8

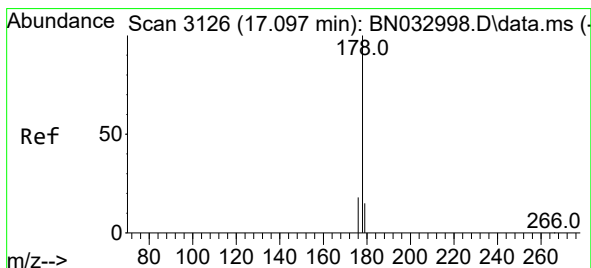
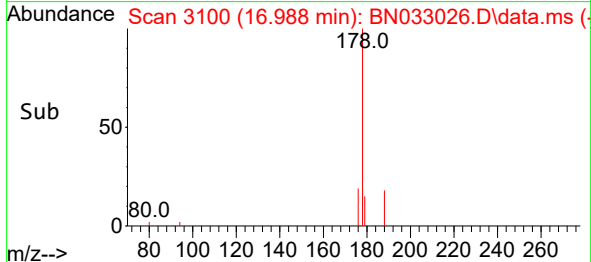
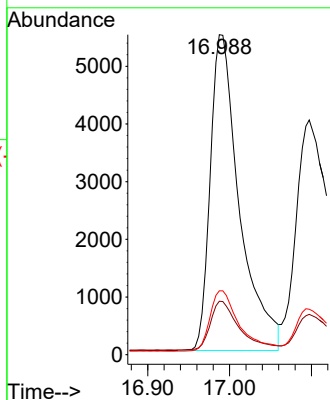
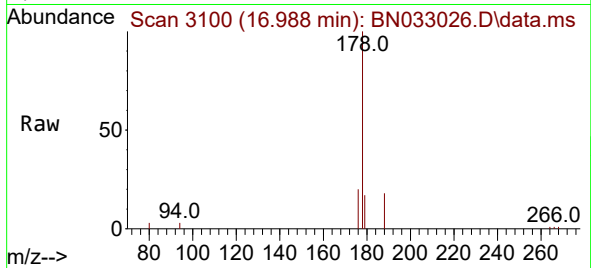




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

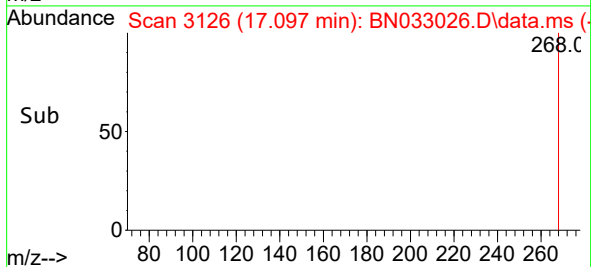
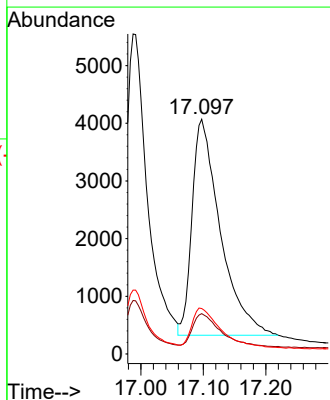
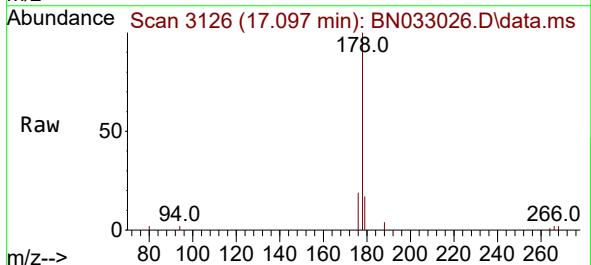
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ClientSampleId :
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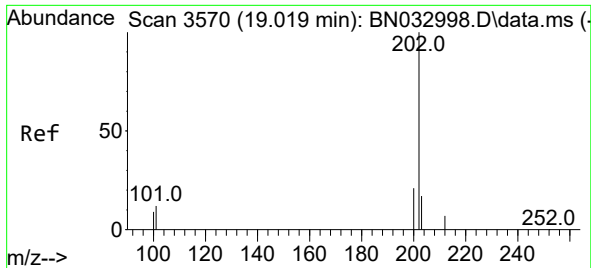
Tgt Ion:178 Resp: 13559
Ion Ratio Lower Upper
178 100
179 16.7 13.7 20.5
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.097 min Scan# 3126
Delta R.T. 0.013 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:178 Resp: 11774
Ion Ratio Lower Upper
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179 17.2 14.3 21.5
176 19.4 15.8 23.8

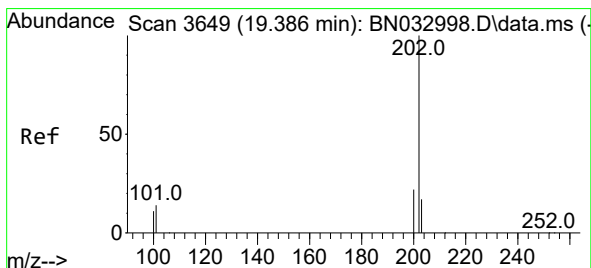
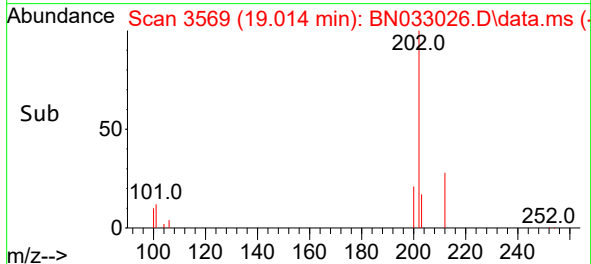
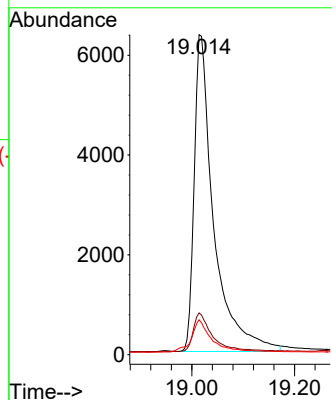
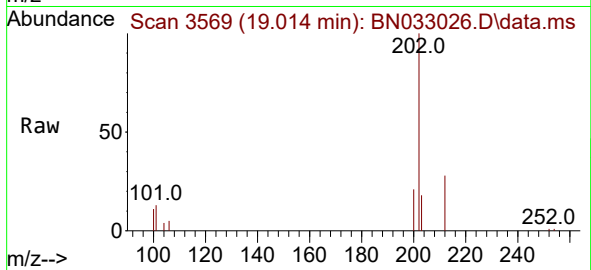




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. 0.000 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

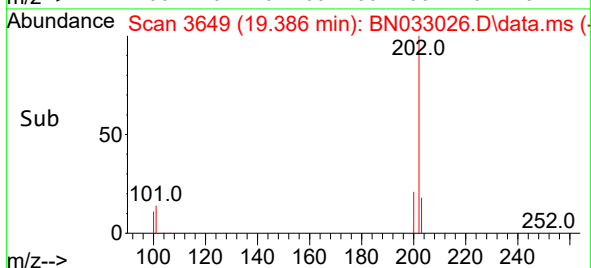
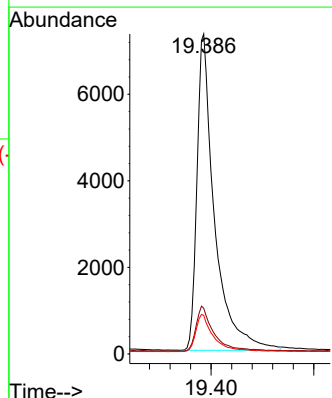
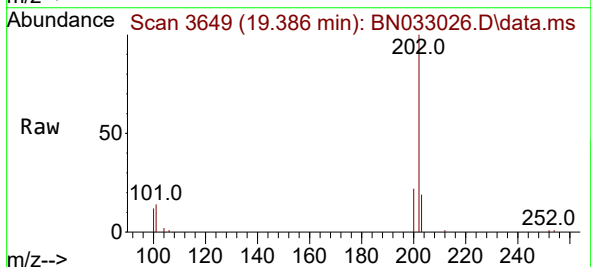
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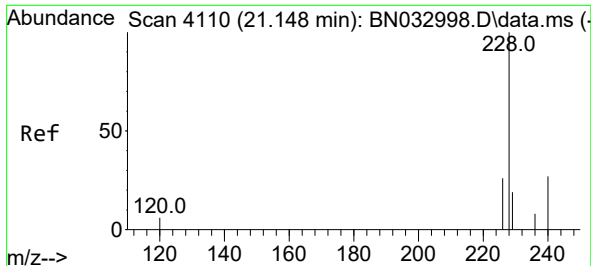
Tgt Ion:202 Resp: 16839
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.9 8.3 12.5



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.386 min Scan# 3649
Delta R.T. 0.005 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:202 Resp: 17391
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 12.0 9.9 14.9

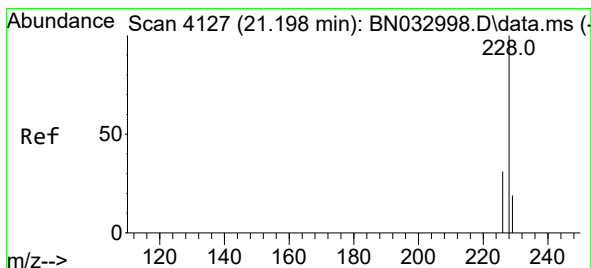
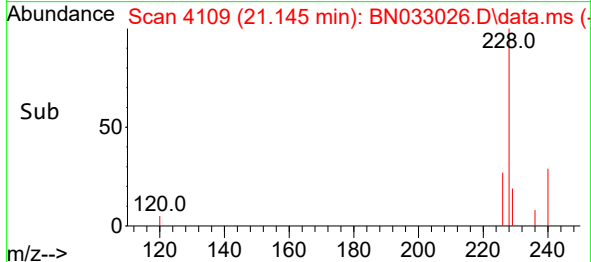
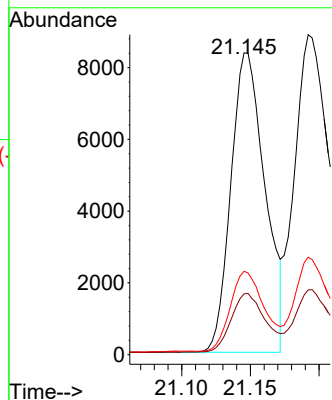
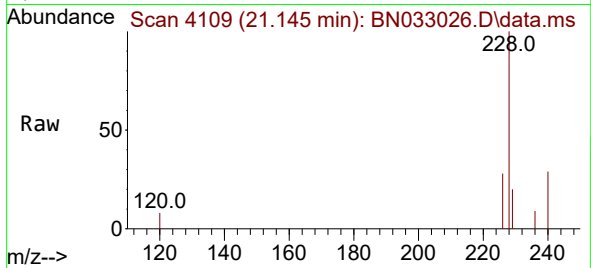




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.145 min Scan# 4110
Delta R.T. 0.000 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

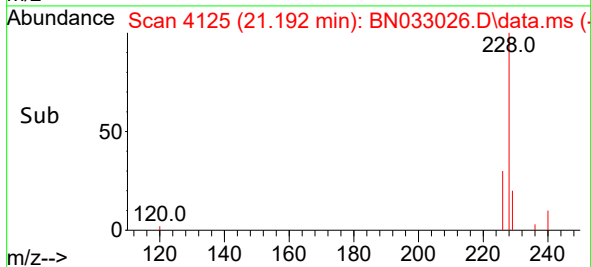
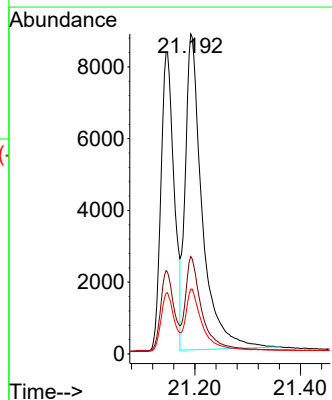
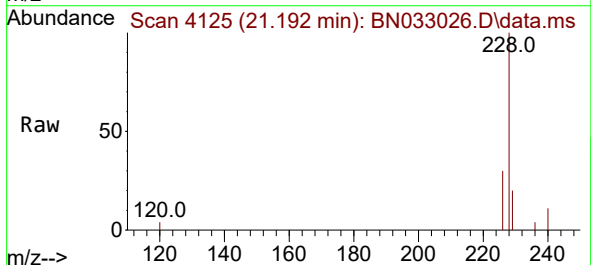
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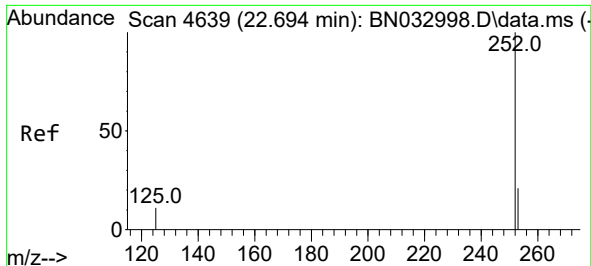
Tgt Ion:228 Resp: 14437
Ion Ratio Lower Upper
228 100
229 20.1 17.1 25.7
226 27.6 22.4 33.6



#22
Chrysene
Concen: 0.400 ng/ul
RT: 21.192 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

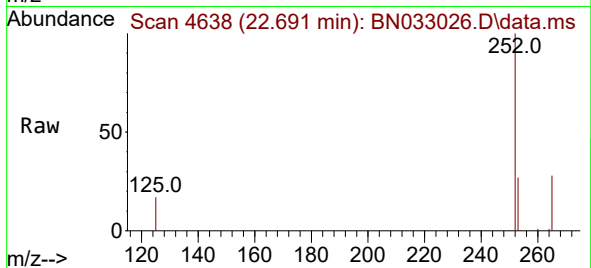
Tgt Ion:228 Resp: 19549
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 20.3 17.0 25.6



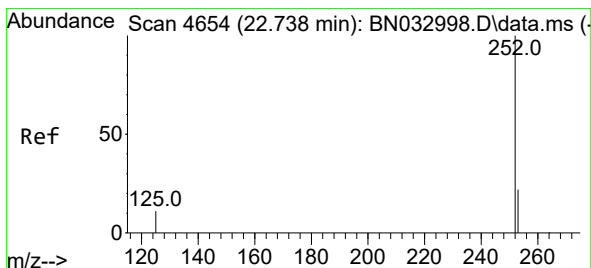
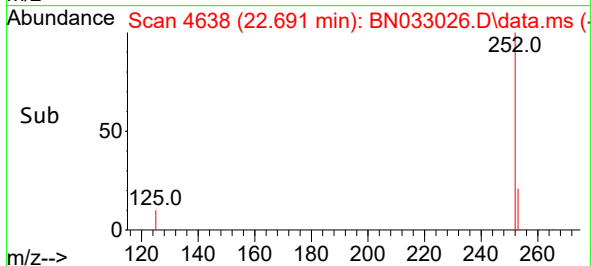
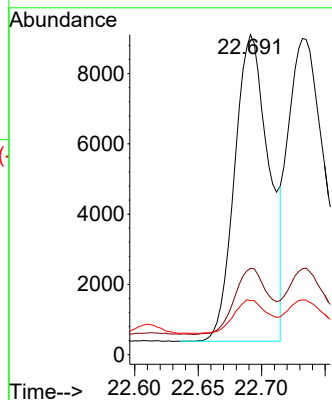


#24
Benzo(b)fluoranthene
Concen: 0.386 ng/ul
RT: 22.691 min Scan# 4638
Delta R.T. -0.003 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

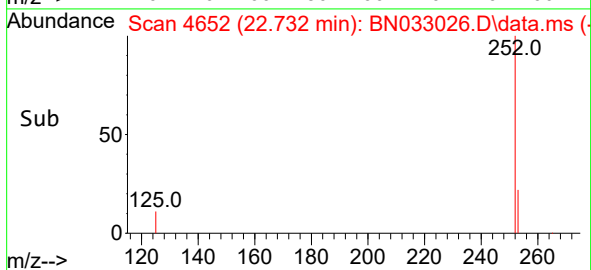
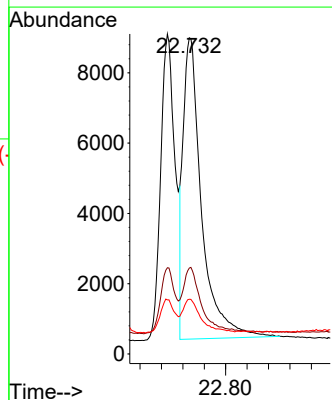
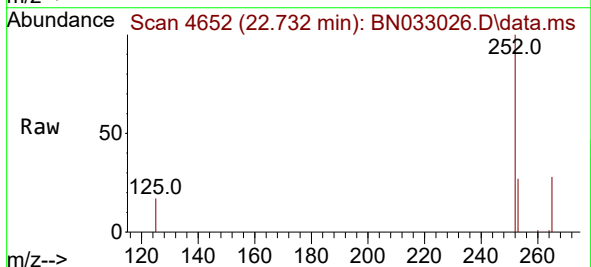


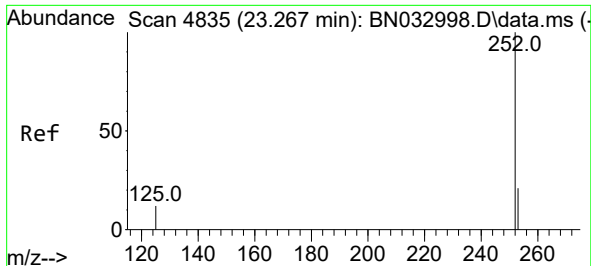
Tgt Ion:252 Resp: 16440
Ion Ratio Lower Upper
252 100
253 27.0 0.0 60.6
125 16.9 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:252 Resp: 20435
Ion Ratio Lower Upper
252 100
253 27.2 24.9 37.3
125 17.3 20.9 31.3#

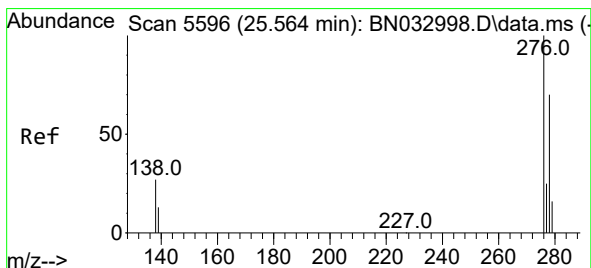
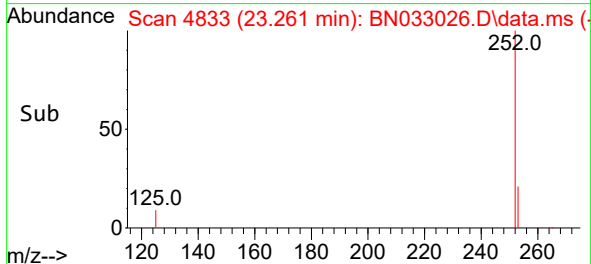
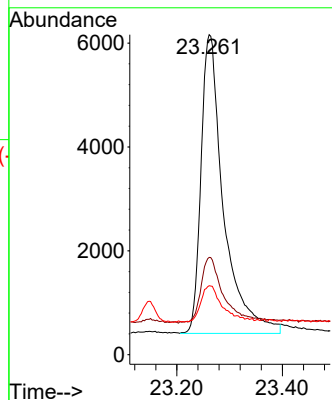
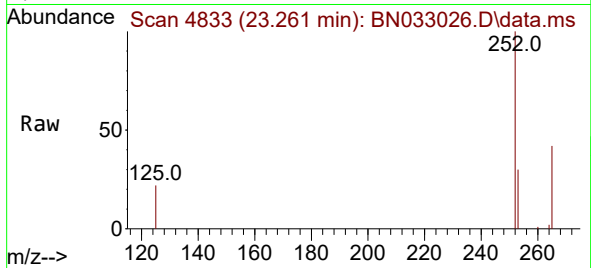




#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.261 min Scan# 4833
Delta R.T. 0.000 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

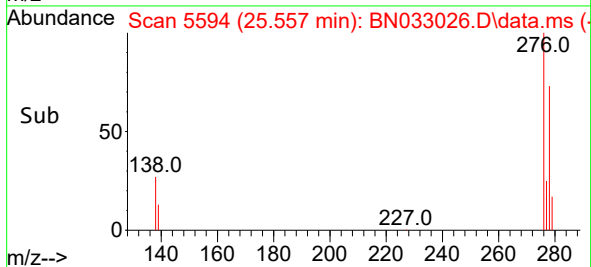
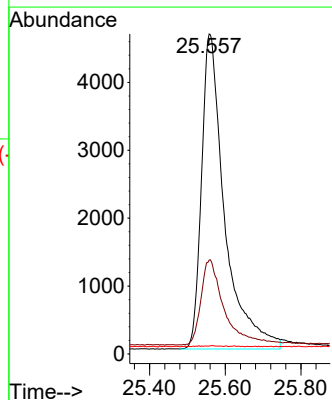
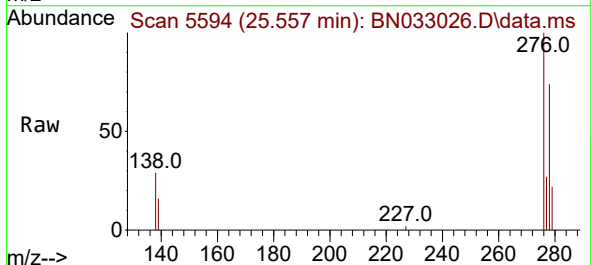
Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

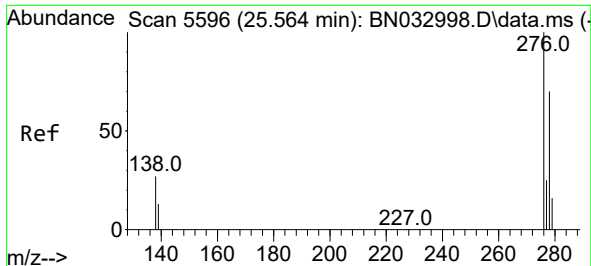
Tgt Ion:252 Resp: 17035
Ion Ratio Lower Upper
252 100
253 30.4 27.5 41.3
125 21.5 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul
RT: 25.557 min Scan# 5594
Delta R.T. -0.003 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:276 Resp: 19621
Ion Ratio Lower Upper
276 100
138 27.4 21.8 32.8
227 0.1 0.2 0.2#

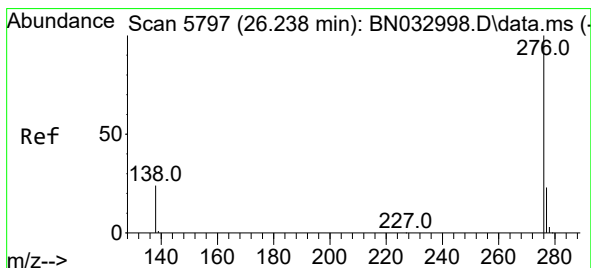
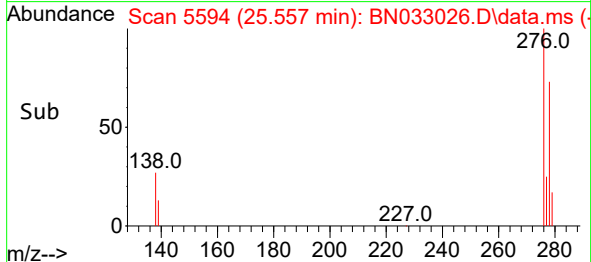
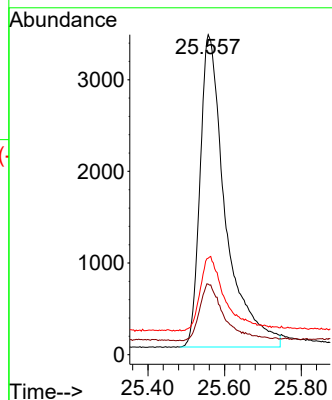
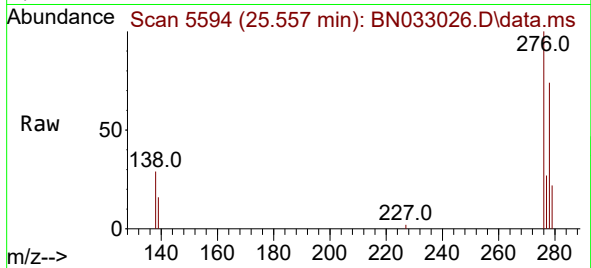




#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 25.557 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Instrument :
BNA_N
ClientSampleId :
SSTD0.4285

Tgt Ion:278 Resp: 15727
Ion Ratio Lower Upper
278 100
139 22.1 22.5 33.7#
279 30.2 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 26.231 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BN033026.D
Acq: 27 Jul 2024 09:53

Tgt Ion:276 Resp: 16433
Ion Ratio Lower Upper
276 100
138 27.5 24.6 37.0
277 27.0 22.6 34.0

