

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033196.D
 Acq On : 02 Aug 2024 09:22
 Operator : MA/JU
 Sample : PB162327BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS327

Quant Time: Aug 02 10:37:53 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 : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

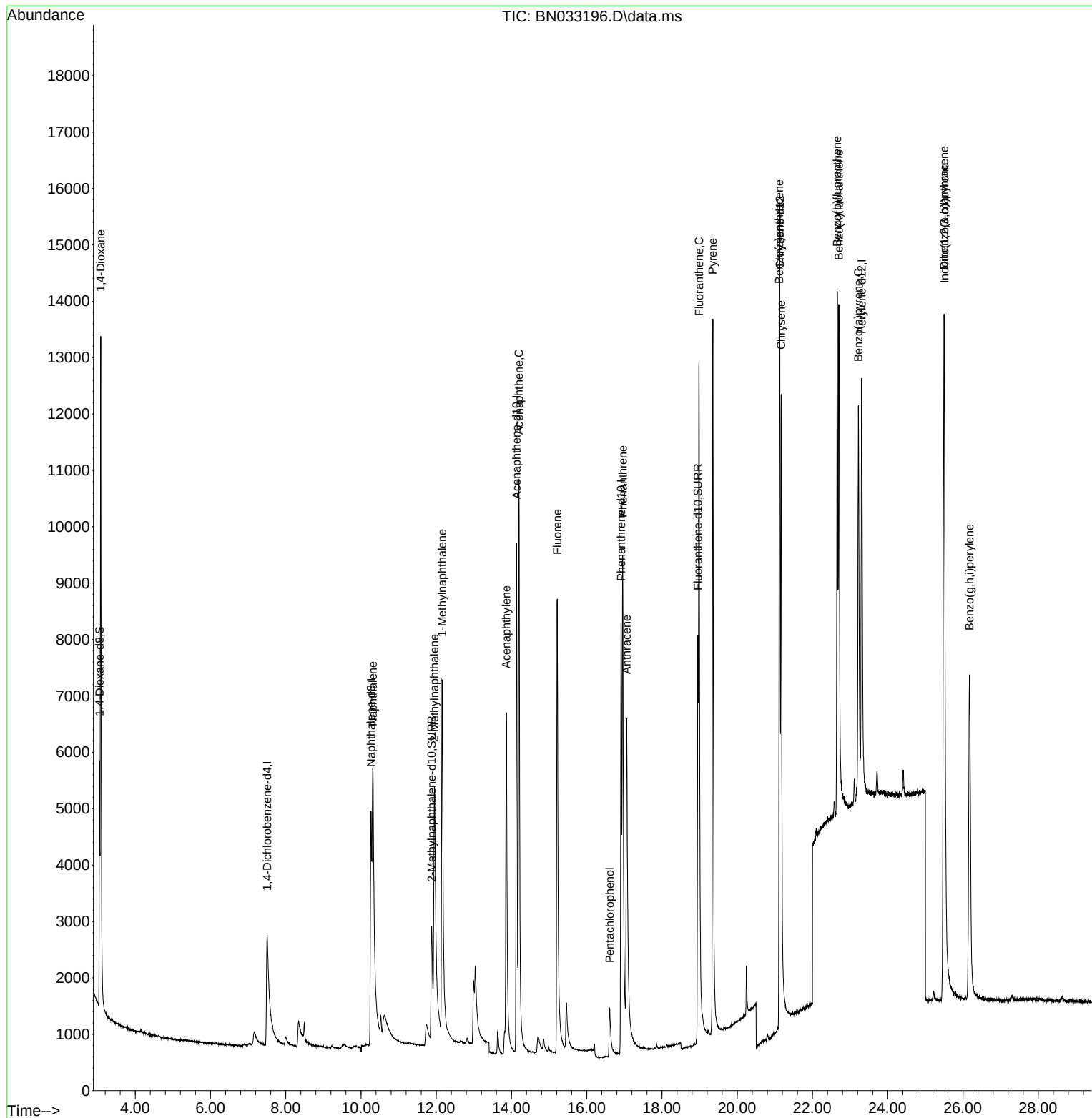
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.507	152	3414	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.267	136	12191	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.133	164	7019	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.915	188	14219	0.400	ng/ul	-0.03
17) Chrysene-d12	21.133	240	9662	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	11575	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	3004	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.878	152	5926	0.298	ng/ul	-0.05
18) Fluoranthene-d10	18.953	212	11652	0.426	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.081	88	9022	1.832	ng/ul#	66
5) Naphthalene	10.317	128	12070	0.386	ng/ul	96
7) 2-Methylnaphthalene	11.950	142	6864	0.324	ng/ul	99
8) 1-Methylnaphthalene	12.159	142	7112	0.310	ng/ul	98
10) Acenaphthylene	13.861	152	10978	0.382	ng/ul	99
11) Acenaphthene	14.198	153	8561	0.396	ng/ul	99
12) Fluorene	15.216	166	8965	0.356	ng/ul	99
14) Pentachlorophenol	16.607	266	1285	0.444	ng/ul	99
15) Phenanthrene	16.958	178	13028	0.342	ng/ul	100
16) Anthracene	17.059	178	11515	0.336	ng/ul	99
19) Fluoranthene	18.986	202	14763	0.464	ng/ul	99
20) Pyrene	19.353	202	15307	0.449	ng/ul	99
21) Benzo(a)anthracene	21.119	228	11528	0.350	ng/ul	98
22) Chrysene	21.168	228	13916	0.362	ng/ul	100
24) Benzo(b)fluoranthene	22.659	252	12424	0.367	ng/ul	95
25) Benzo(k)fluoranthene	22.700	252	14732	0.364	ng/ul	95
26) Benzo(a)pyrene	23.220	252	12865	0.404	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.503	276	17276	0.357	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.496	278	13428	0.350	ng/ul	99
29) Benzo(g,h,i)perylene	26.174	276	13720	0.357	ng/ul	97

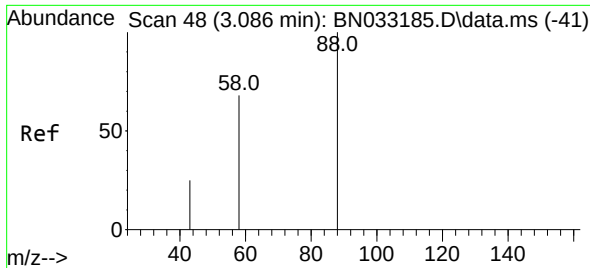
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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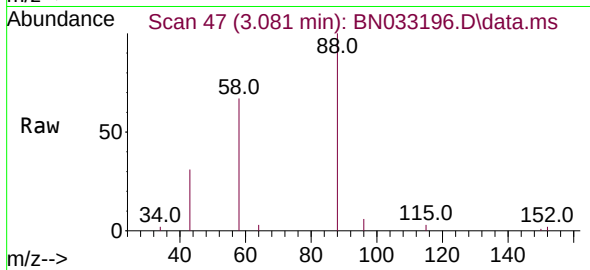
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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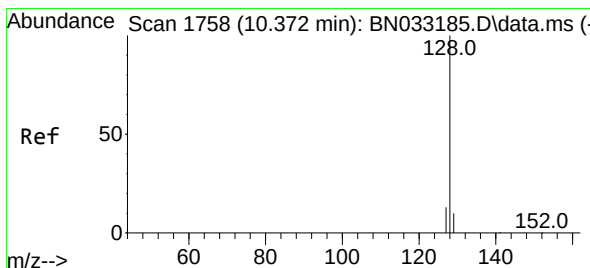
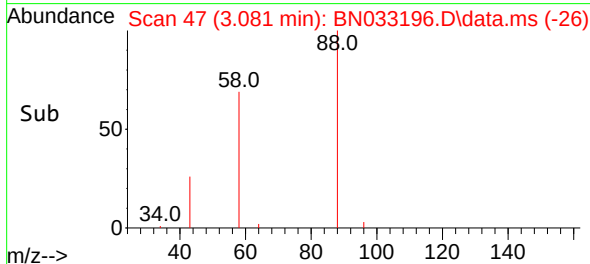
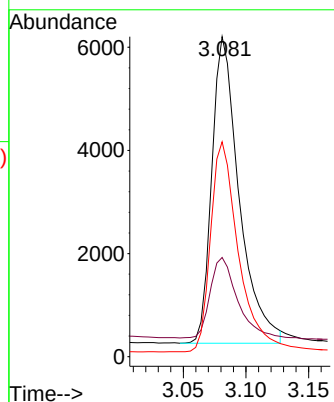


#2
1,4-Dioxane
Concen: 1.832 ng/ul
RT: 3.081 min Scan# 41
Delta R.T. -0.013 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

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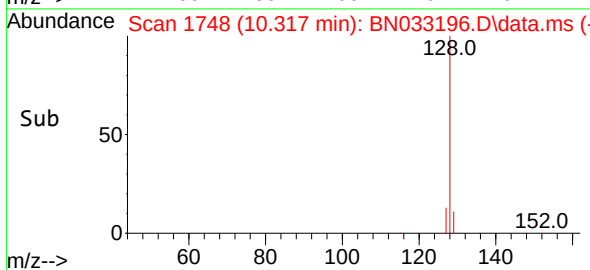
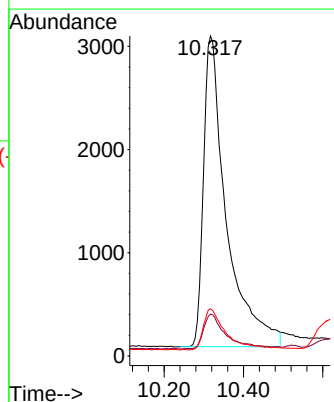
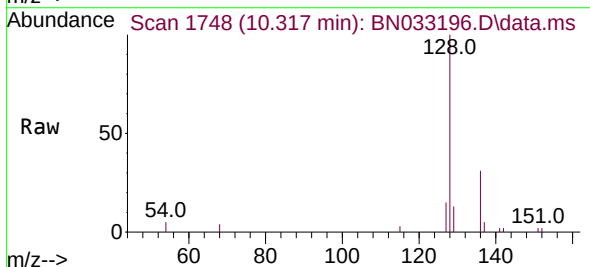


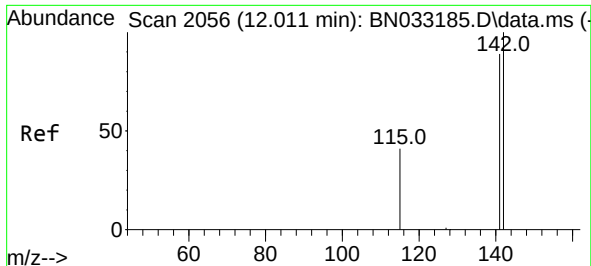
Tgt Ion: 88 Resp: 9022
Ion Ratio Lower Upper
88 100
43 31.0 63.4 95.2#
58 67.1 49.4 74.0



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.317 min Scan# 1748
Delta R.T. -0.061 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:128 Resp: 12070
Ion Ratio Lower Upper
128 100
129 13.1 12.0 18.0
127 14.7 12.7 19.1

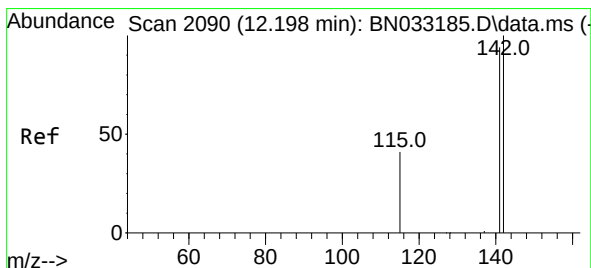
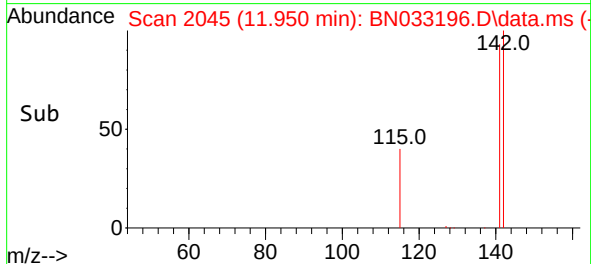
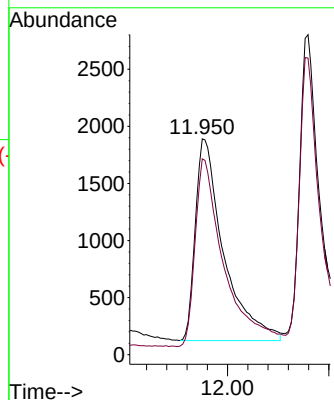
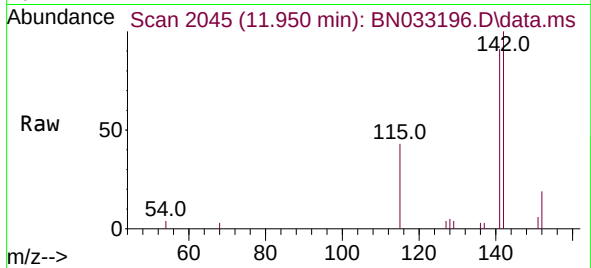




#7
2-Methylnaphthalene
Concen: 0.324 ng/ul
RT: 11.950 min Scan# 2045
Delta R.T. -0.055 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

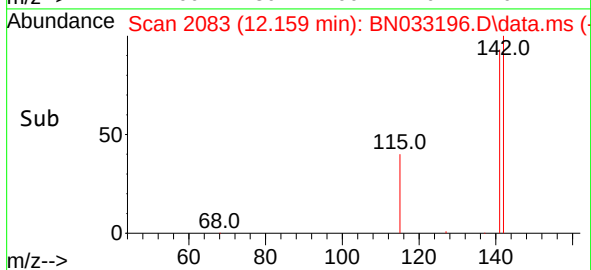
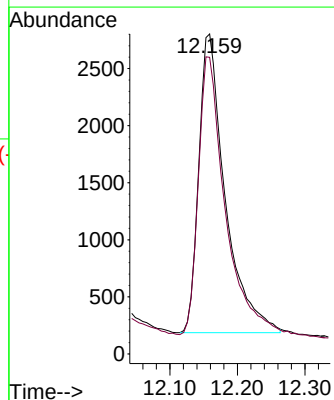
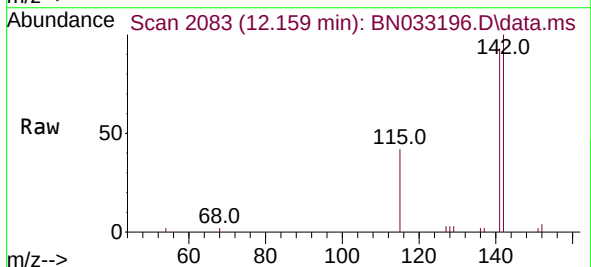
Instrument :
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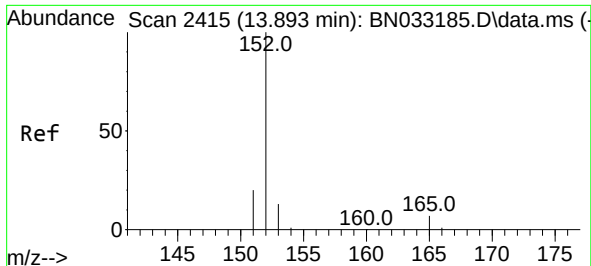
Tgt Ion:142 Resp: 6864
Ion Ratio Lower Upper
142 100
141 95.0 75.2 112.8



#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.159 min Scan# 2083
Delta R.T. -0.039 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:142 Resp: 7112
Ion Ratio Lower Upper
142 100
141 94.5 74.3 111.5

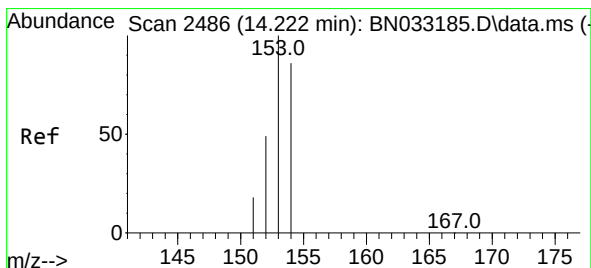
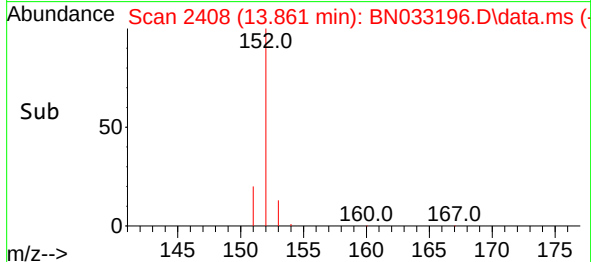
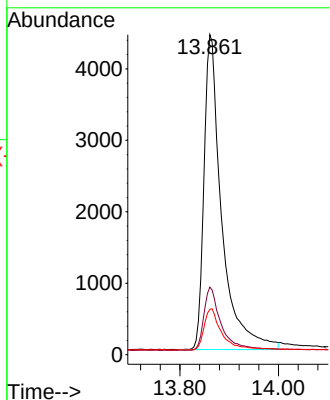
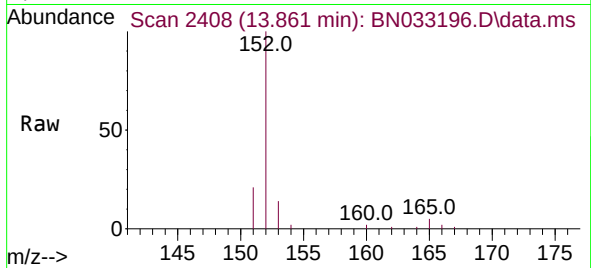




#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 13.861 min Scan# 2408
Delta R.T. -0.037 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

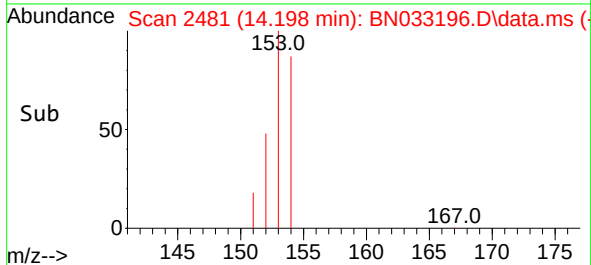
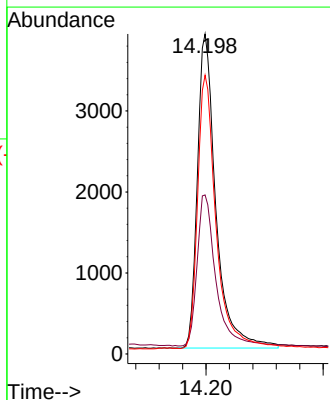
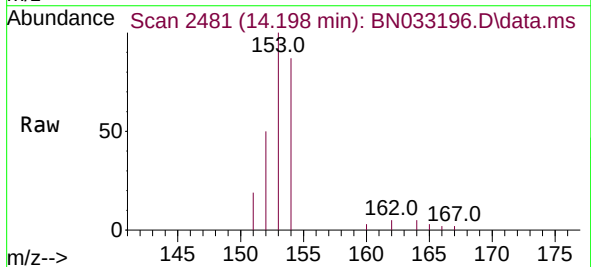
Instrument :
BNA_N
ClientSampleId :
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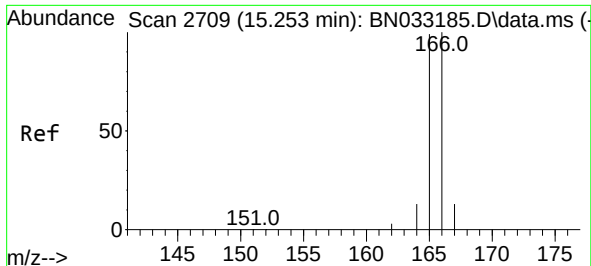
Tgt Ion:152 Resp: 10978
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.2 11.9 17.9



#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.198 min Scan# 2481
Delta R.T. -0.028 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:153 Resp: 8561
Ion Ratio Lower Upper
153 100
152 49.7 40.0 60.0
154 87.1 70.1 105.1

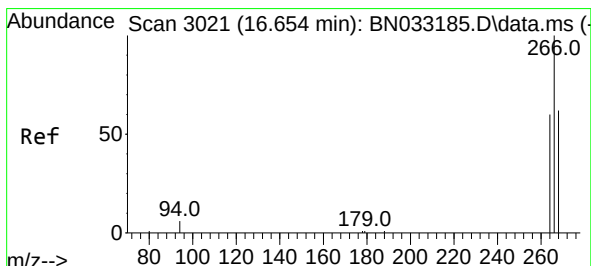
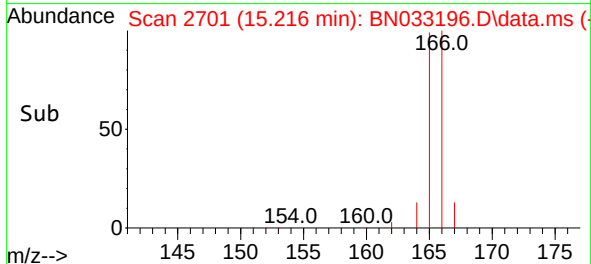
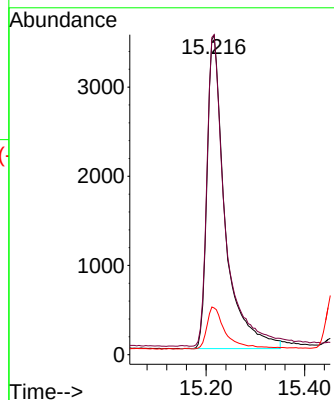
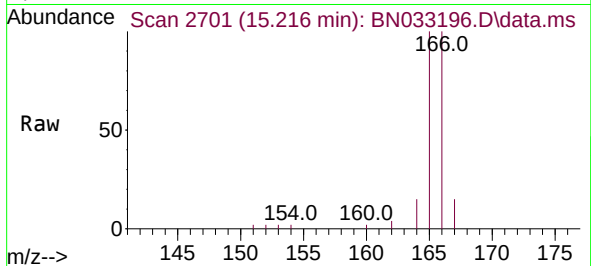




#12
Fluorene
Concen: 0.356 ng/ul
RT: 15.216 min Scan# 21
Delta R.T. -0.033 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

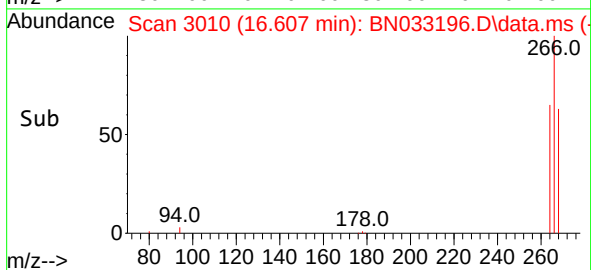
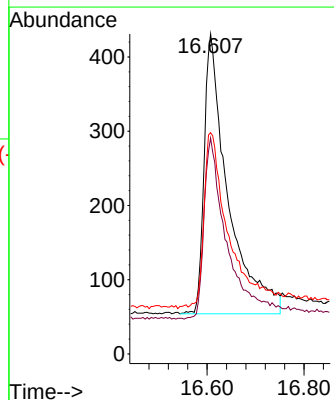
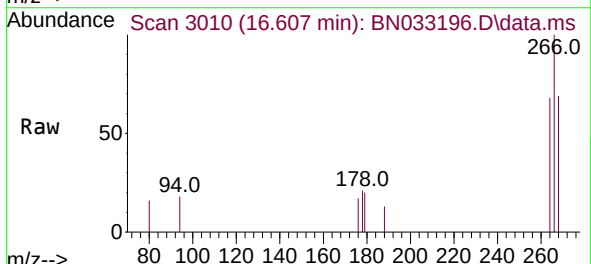
Instrument :
BNA_N
ClientSampleId :
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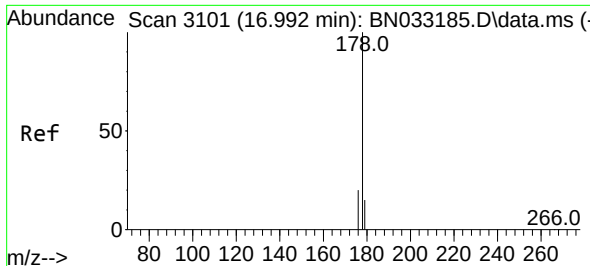
Tgt Ion:166 Resp: 8965
Ion Ratio Lower Upper
166 100
165 100.2 79.6 119.4
167 14.6 12.2 18.4



#14
Pentachlorophenol
Concen: 0.444 ng/ul
RT: 16.607 min Scan# 3010
Delta R.T. -0.034 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:266 Resp: 1285
Ion Ratio Lower Upper
266 100
264 63.4 49.3 73.9
268 64.8 51.8 77.8

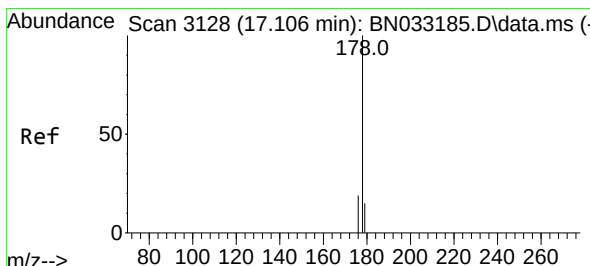
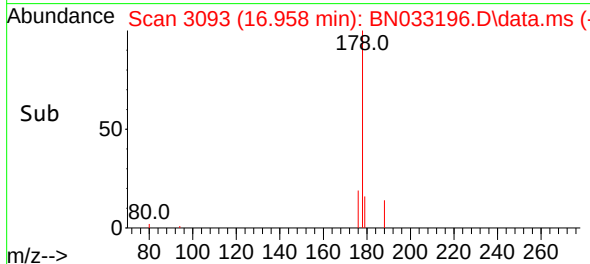
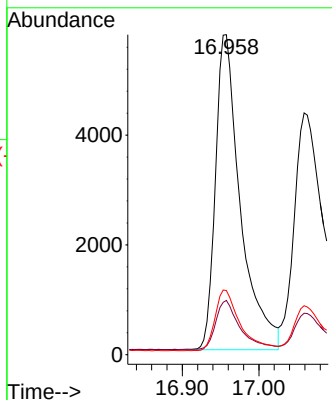
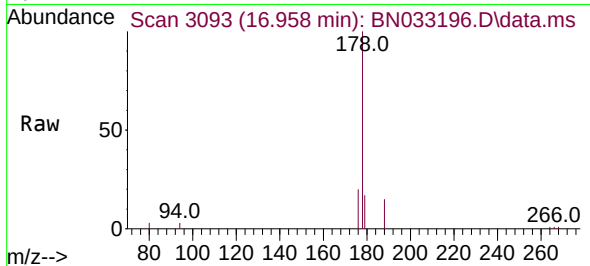




#15
Phenanthrene
Concen: 0.342 ng/ul
RT: 16.958 min Scan# 3109
Delta R.T. -0.026 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

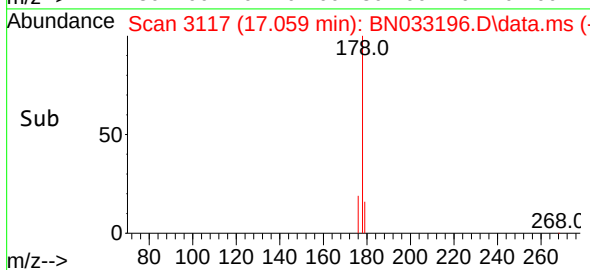
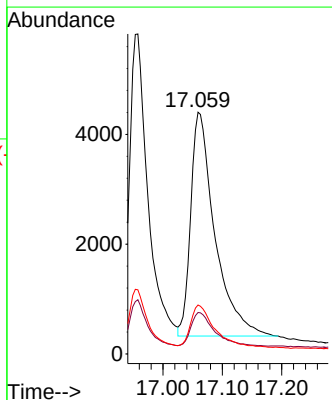
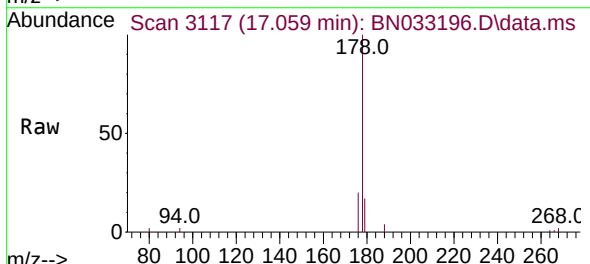
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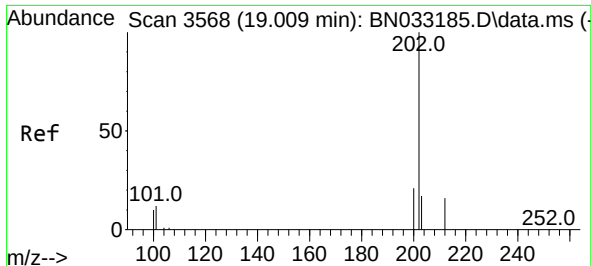
Tgt Ion:178 Resp: 13028
Ion Ratio Lower Upper
178 100
179 16.9 13.7 20.5
176 20.0 15.9 23.9



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.059 min Scan# 3117
Delta R.T. -0.030 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:178 Resp: 11515
Ion Ratio Lower Upper
178 100
179 17.2 14.3 21.5
176 20.3 15.8 23.8

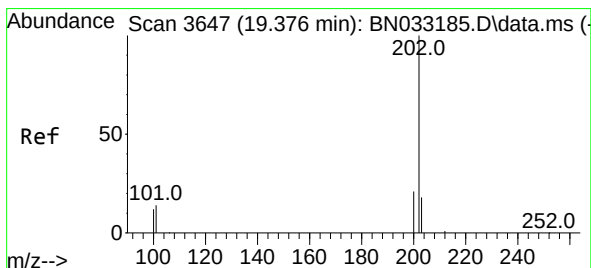
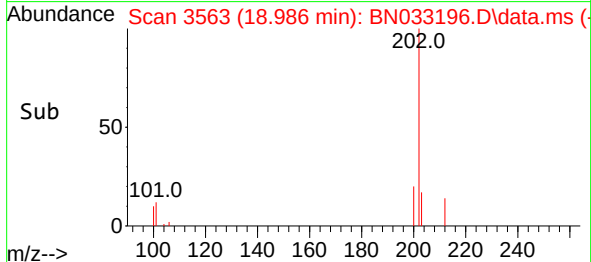
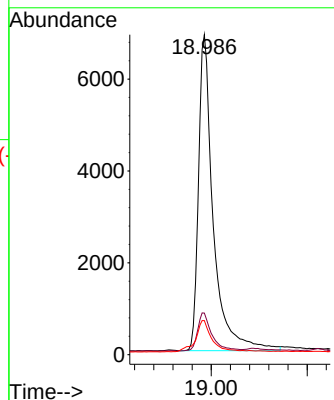
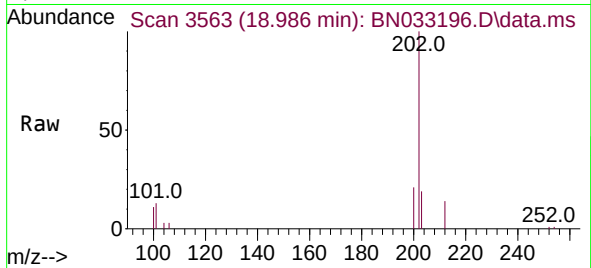




#19
Fluoranthene
Concen: 0.464 ng/u1
RT: 18.986 min Scan# 3563
Delta R.T. -0.019 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

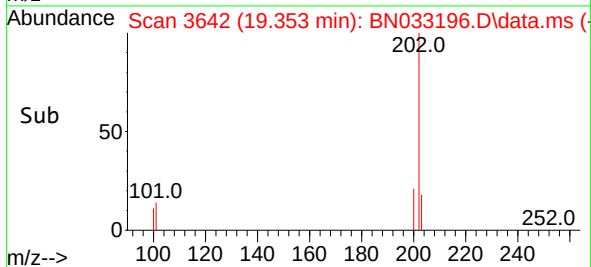
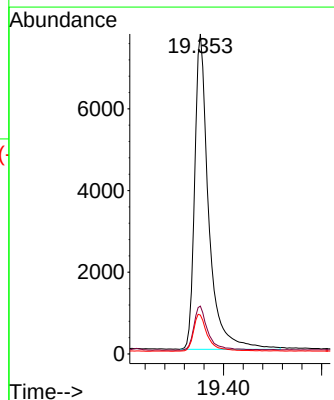
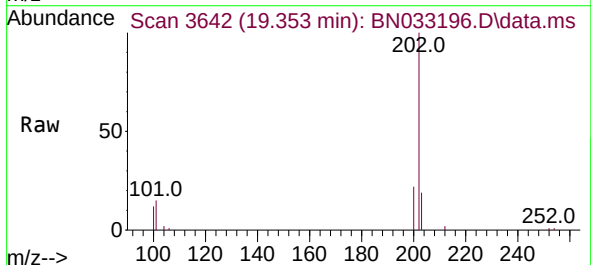
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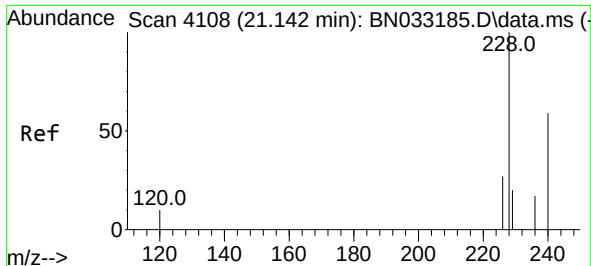
Tgt Ion:202 Resp: 14763
Ion Ratio Lower Upper
202 100
101 13.0 10.7 16.1
100 10.7 8.3 12.5



#20
Pyrene
Concen: 0.449 ng/u1
RT: 19.353 min Scan# 3642
Delta R.T. -0.019 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:202 Resp: 15307
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.1 9.9 14.9

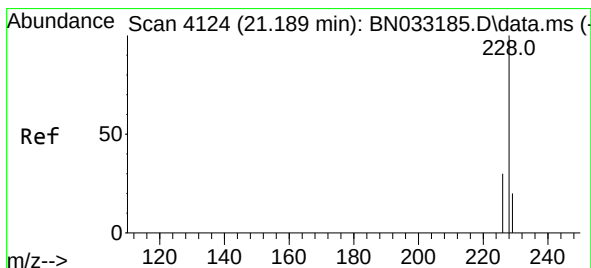
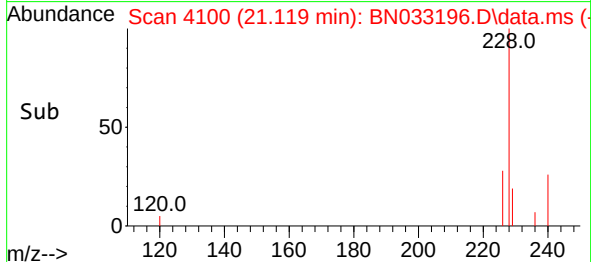
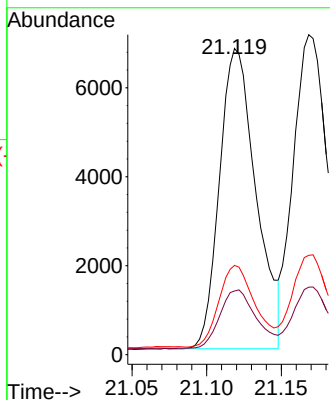
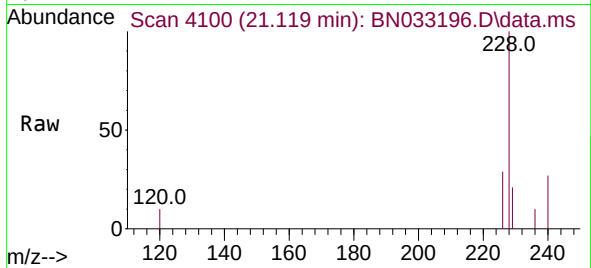




#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.119 min Scan# 4110
Delta R.T. -0.018 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

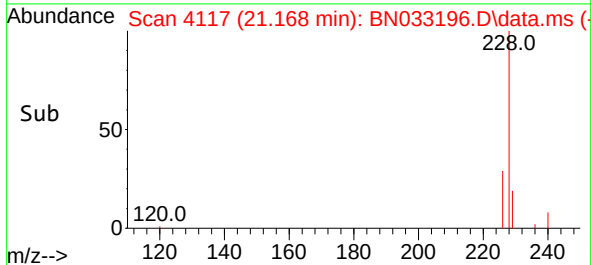
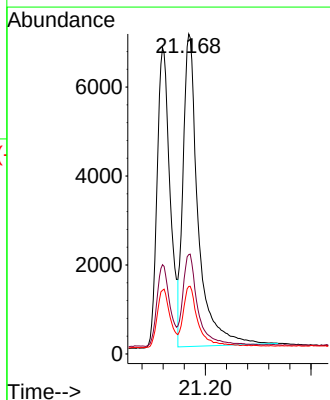
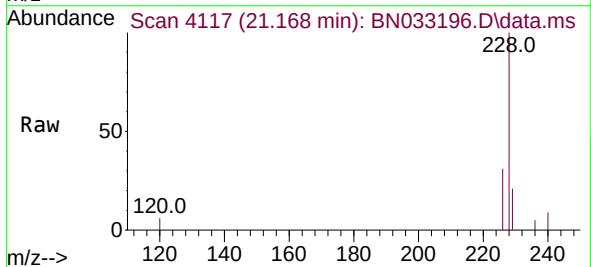
Instrument :
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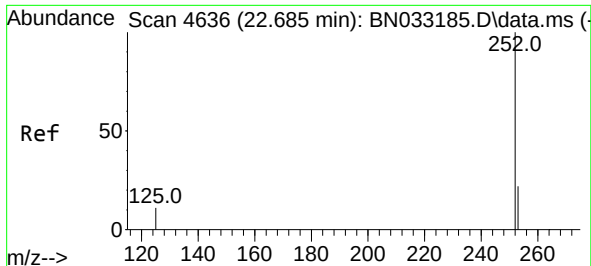
Tgt Ion:228 Resp: 11528
Ion Ratio Lower Upper
228 100
229 20.8 17.1 25.7
226 29.1 22.4 33.6



#22
Chrysene
Concen: 0.362 ng/ul
RT: 21.168 min Scan# 4117
Delta R.T. -0.021 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

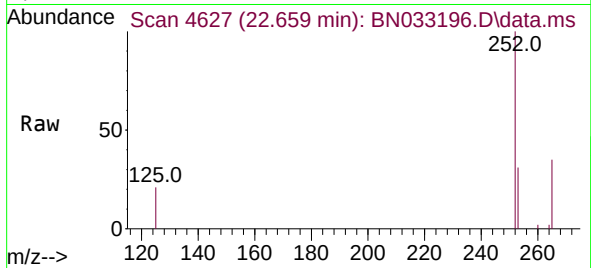
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Ion Ratio Lower Upper
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226 31.0 24.7 37.1
229 21.1 17.0 25.6



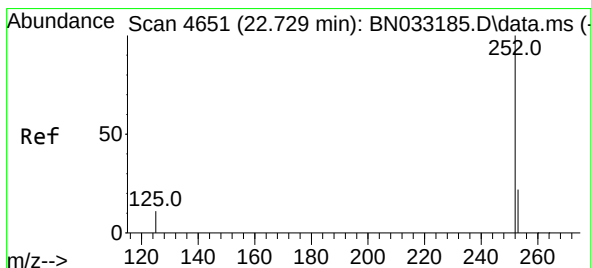
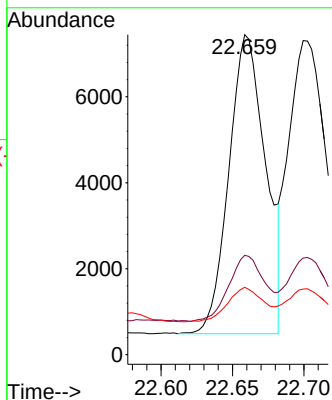


#24
Benzo(b)fluoranthene
Concen: 0.367 ng/ul
RT: 22.659 min Scan# 4627
Delta R.T. -0.024 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Instrument :
BNA_N
ClientSampleId :
SLCS327

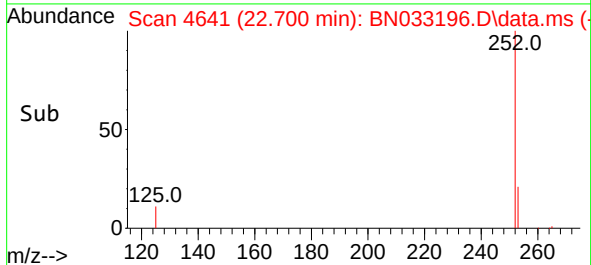
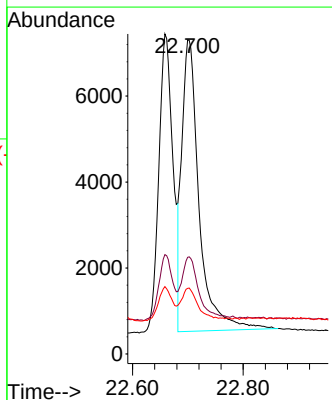
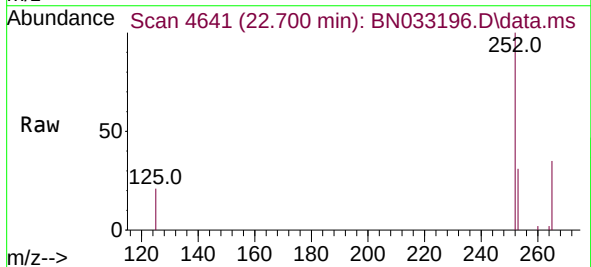


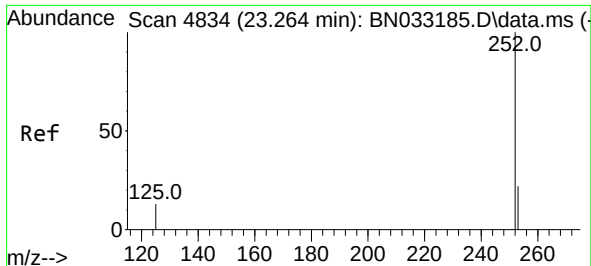
Tgt Ion:252 Resp: 12424
Ion Ratio Lower Upper
252 100
253 31.1 0.0 60.6
125 21.0 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. -0.026 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

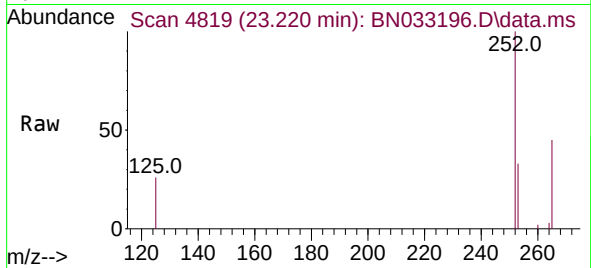
Tgt Ion:252 Resp: 14732
Ion Ratio Lower Upper
252 100
253 30.8 24.9 37.3
125 20.9 20.9 31.3



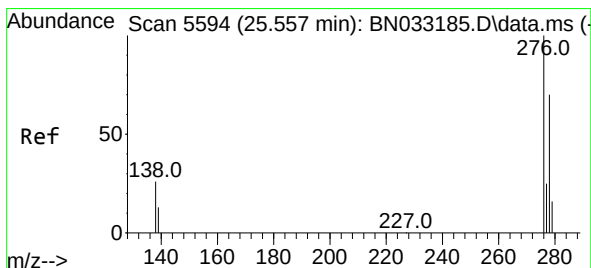
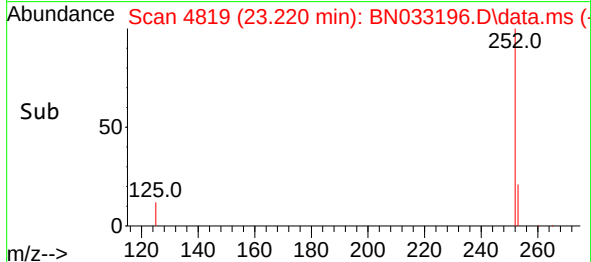
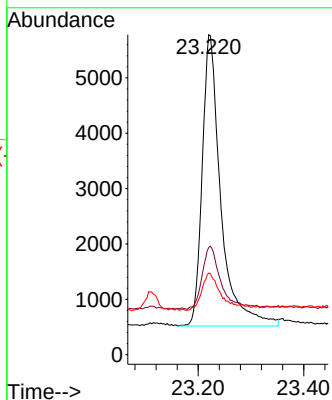


#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.220 min Scan# 4819
Delta R.T. -0.029 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Instrument :
BNA_N
ClientSampleId :
SLCS327

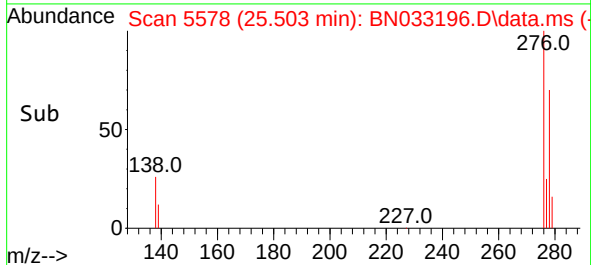
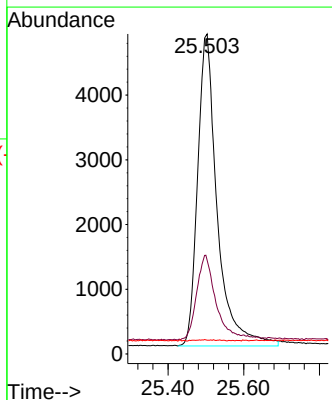
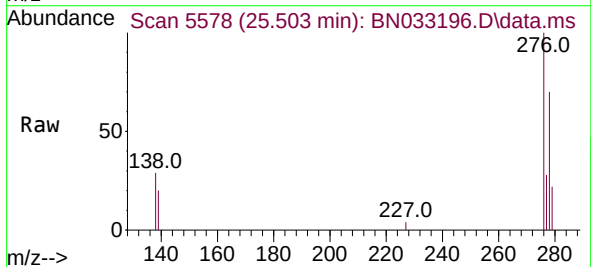


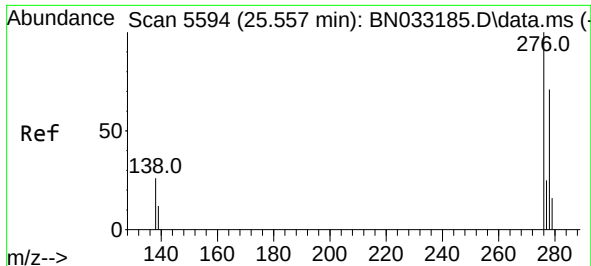
Tgt Ion:252 Resp: 12865
Ion Ratio Lower Upper
252 100
253 33.5 27.5 41.3
125 25.5 27.0 40.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.503 min Scan# 5578
Delta R.T. -0.037 min
Lab File: BN033196.D
Acq: 02 Aug 2024 09:22

Tgt Ion:276 Resp: 17276
Ion Ratio Lower Upper
276 100
138 27.3 21.8 32.8
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.350 ng/ul

RT: 25.496 min Scan# 51

Delta R.T. -0.044 min

Lab File: BN033196.D

Acq: 02 Aug 2024 09:22

Instrument :

BNA_N

ClientSampleId :

SLCS327

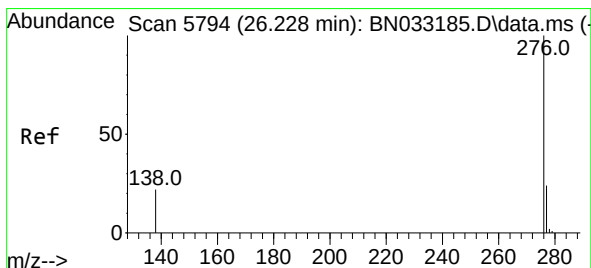
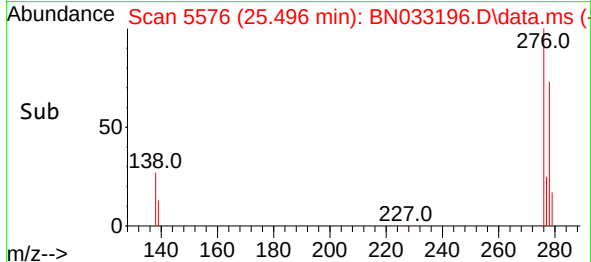
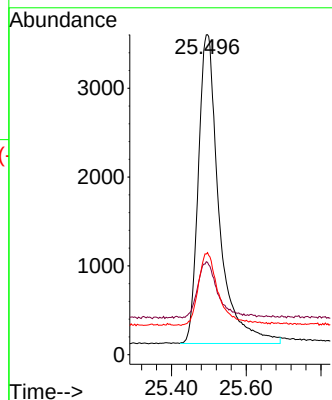
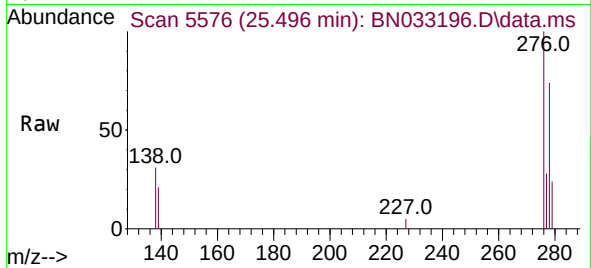
Tgt Ion:278 Resp: 13428

Ion Ratio Lower Upper

278 100

139 28.9 22.5 33.7

279 31.9 25.5 38.3



#29

Benzo(g,h,i)perylene

Concen: 0.357 ng/ul

RT: 26.174 min Scan# 5778

Delta R.T. -0.044 min

Lab File: BN033196.D

Acq: 02 Aug 2024 09:22

Tgt Ion:276 Resp: 13720

Ion Ratio Lower Upper

276 100

138 29.2 24.6 37.0

277 27.1 22.6 34.0

