

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027495.D
 Acq On : 09 Sep 2023 11:01
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4265

Quant Time: Sep 10 00:07:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

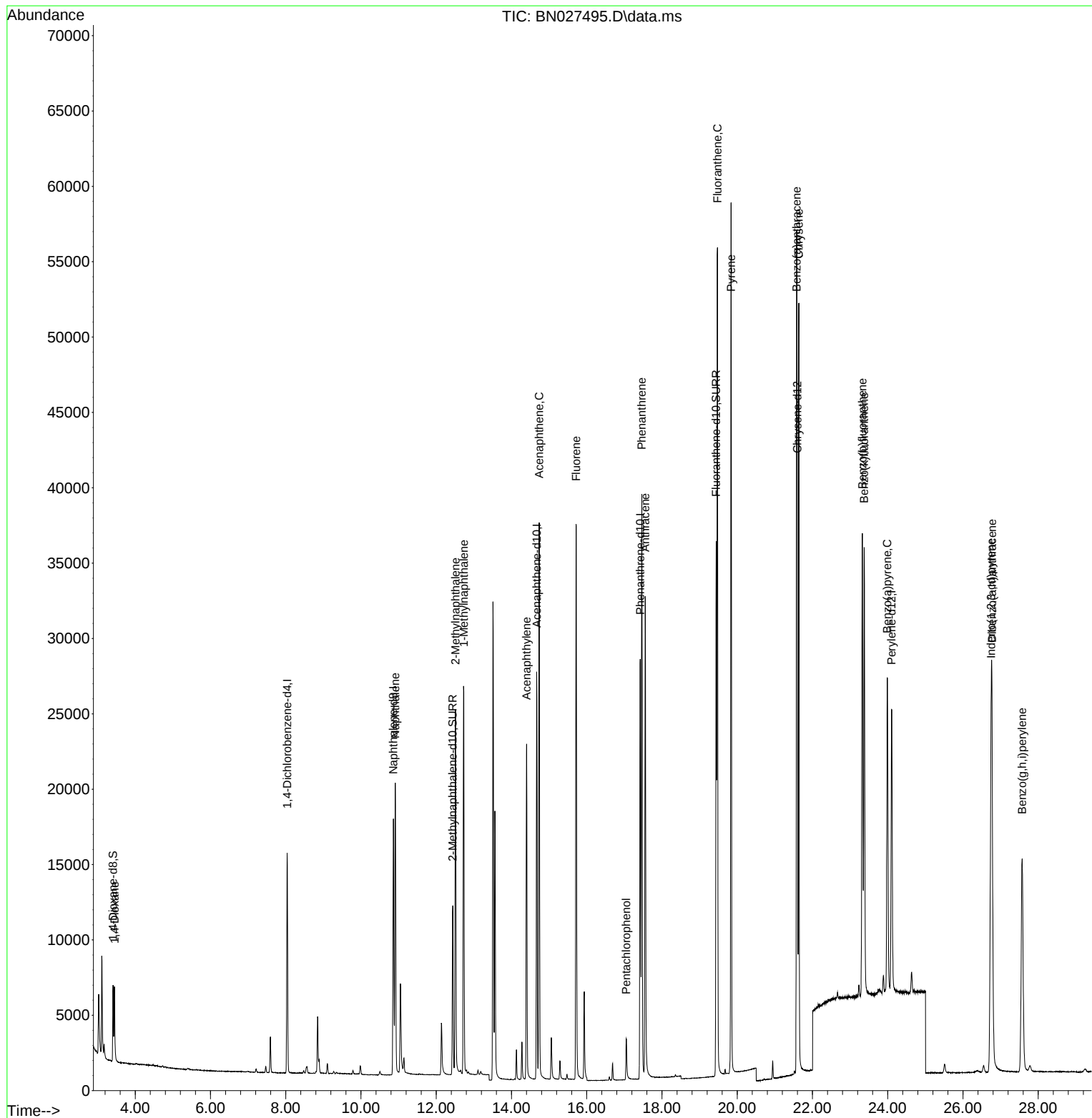
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	7662	0.400	ng/ul	0.00
4) Naphthalene-d8	10.861	136	23911	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.670	164	14910	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.422	188	35295	0.400	ng/ul	0.00
17) Chrysene-d12	21.597	240	29915	0.400	ng/ul	0.00
23) Perylene-d12	24.103	264	27683	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	3631	0.356	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.440	152	15099	0.416	ng/ul	0.00
18) Fluoranthene-d10	19.441	212	38126	0.372	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	3689	0.358	ng/ul	92
5) Naphthalene	10.911	128	26548	0.383	ng/ul	99
7) 2-Methylnaphthalene	12.511	142	17676	0.407	ng/ul	99
8) 1-Methylnaphthalene	12.731	142	18431	0.399	ng/ul	100
10) Acenaphthylene	14.402	152	26517	0.388	ng/ul	99
11) Acenaphthene	14.735	153	21533	0.367	ng/ul	96
12) Fluorene	15.721	166	25460	0.387	ng/ul	97
14) Pentachlorophenol	17.050	266	2214	0.322	ng/ul	99
15) Phenanthrene	17.464	178	42819	0.372	ng/ul	99
16) Anthracene	17.557	178	37243	0.407	ng/ul	98
19) Fluoranthene	19.473	202	48847	0.355	ng/ul	98
20) Pyrene	19.836	202	49953	0.357	ng/ul	97
21) Benzo(a)anthracene	21.580	228	45385	0.421	ng/ul	100
22) Chrysene	21.635	228	44719	0.355	ng/ul	99
24) Benzo(b)fluoranthene	23.325	252	43533	0.333	ng/ul	97
25) Benzo(k)fluoranthene	23.375	252	42263	0.331	ng/ul	97
26) Benzo(a)pyrene	23.989	252	36258	0.355	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.747	276	41729	0.368	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.770	278	33522	0.387	ng/ul	95
29) Benzo(g,h,i)perylene	27.572	276	34508	0.337	ng/ul	96

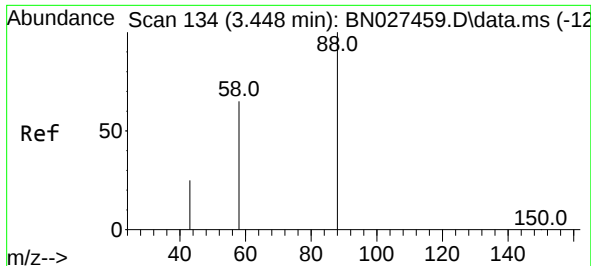
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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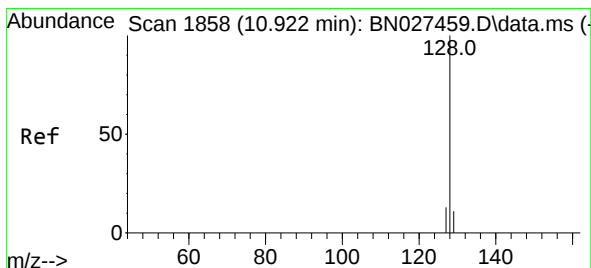
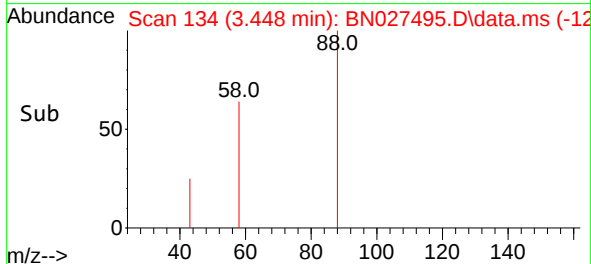
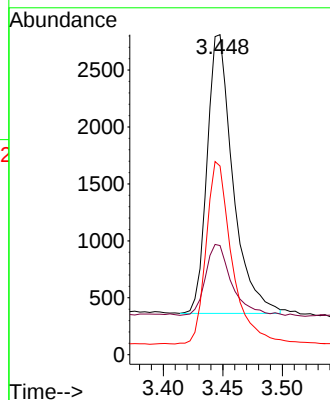
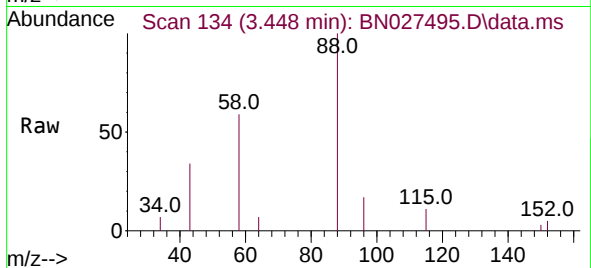




#2
1,4-Dioxane
Concen: 0.358 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

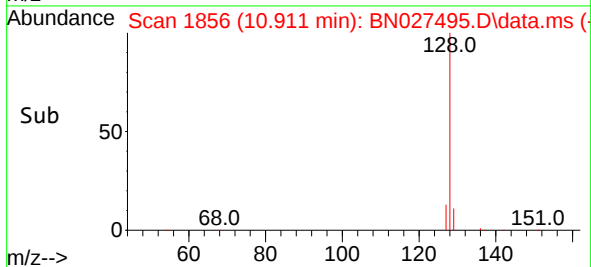
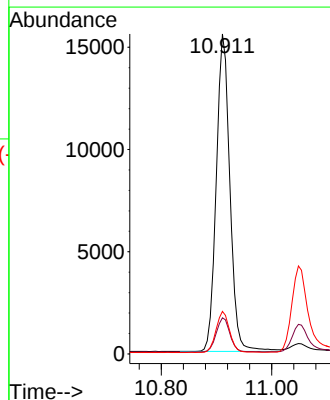
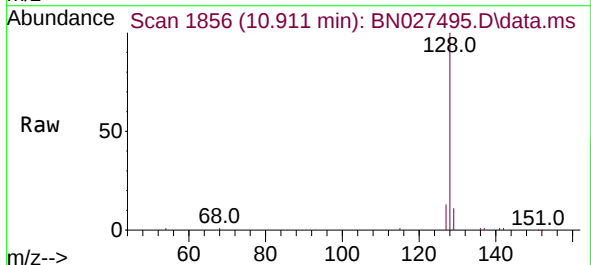
Instrument :
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ClientSampleId :
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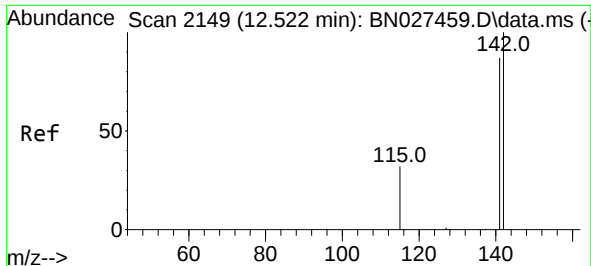
Tgt Ion: 88 Resp: 3689
Ion Ratio Lower Upper
88 100
43 34.1 26.8 40.2
58 58.9 39.9 59.9



#5
Naphthalene
Concen: 0.383 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

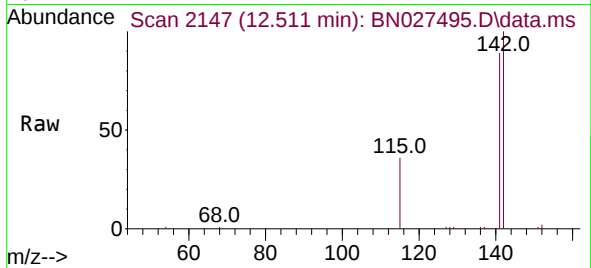
Tgt Ion: 128 Resp: 26548
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.3 10.6 16.0



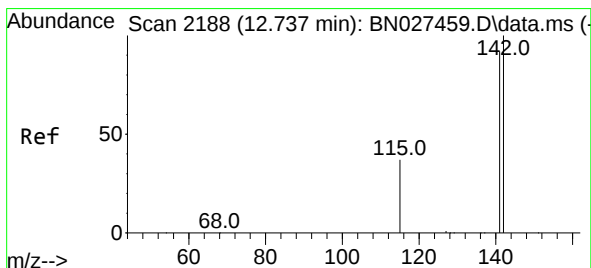
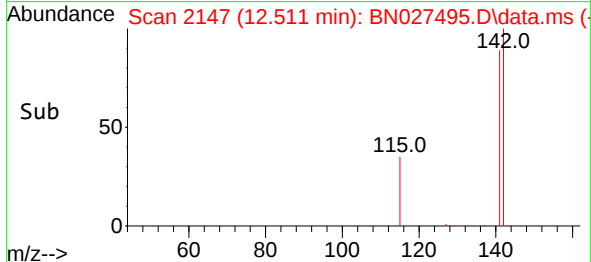
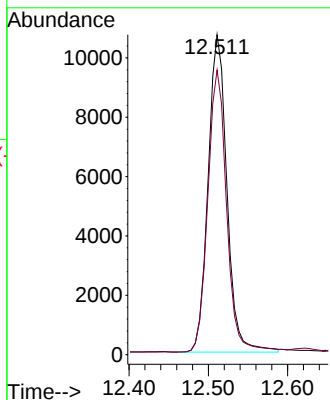


#7
2-Methylnaphthalene
Concen: 0.407 ng/ul
RT: 12.511 min Scan# 2147
Delta R.T. -0.011 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

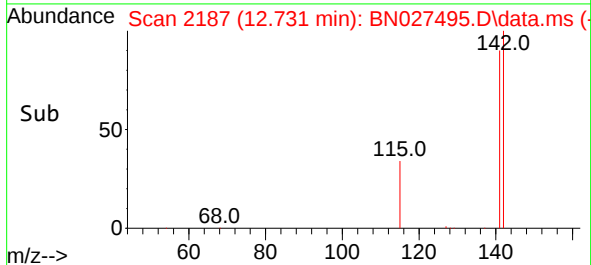
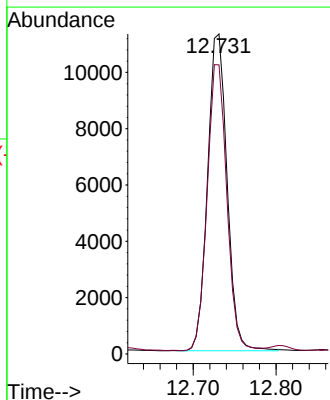
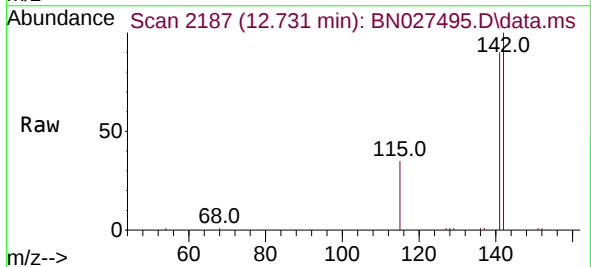


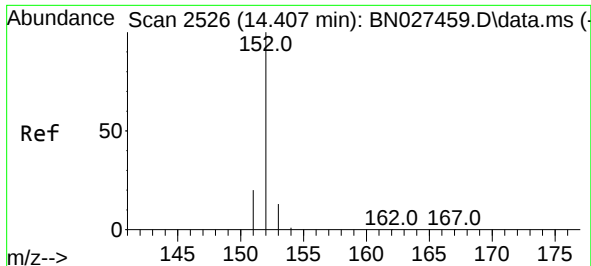
Tgt Ion:142 Resp: 17676
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.731 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:142 Resp: 18431
Ion Ratio Lower Upper
142 100
141 91.0 73.0 109.4

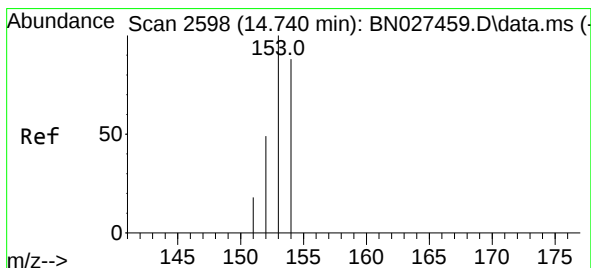
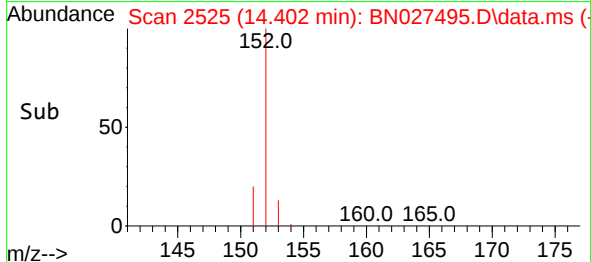
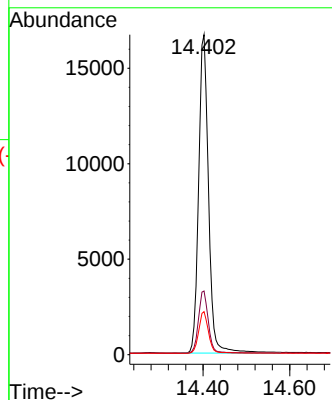
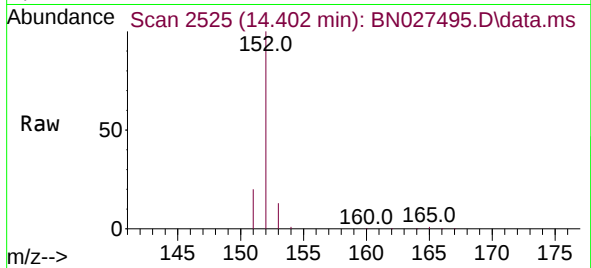




#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.402 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

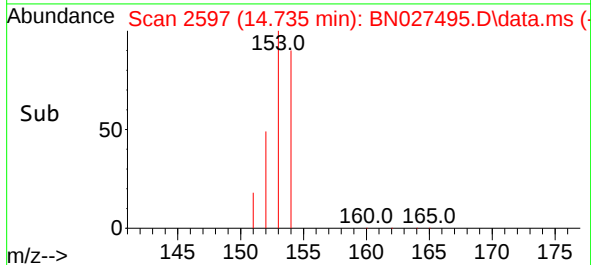
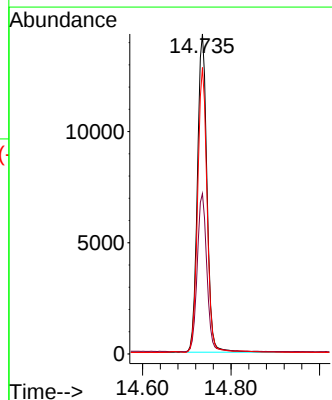
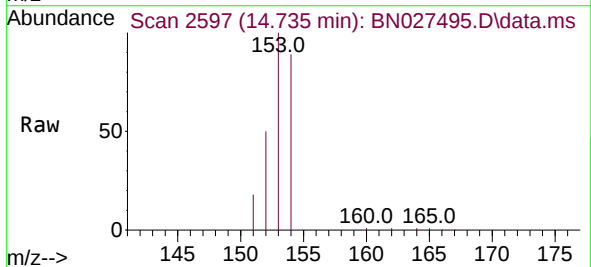
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

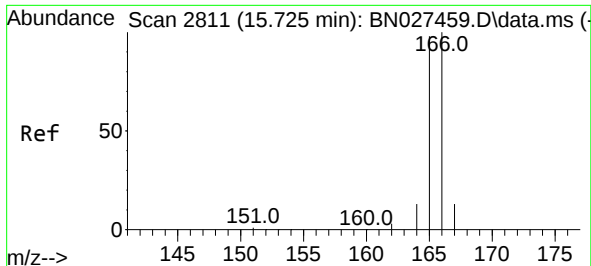
Tgt Ion:152 Resp: 26517
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.367 ng/ul
RT: 14.735 min Scan# 2597
Delta R.T. -0.005 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:153 Resp: 21533
Ion Ratio Lower Upper
153 100
152 50.1 42.9 64.3
154 89.5 69.4 104.0

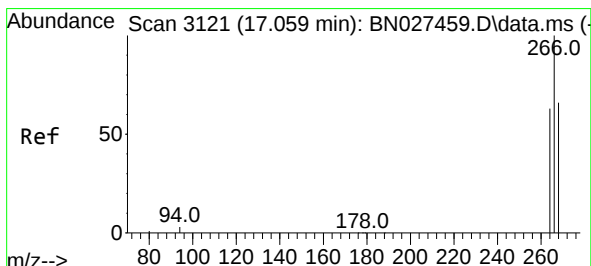
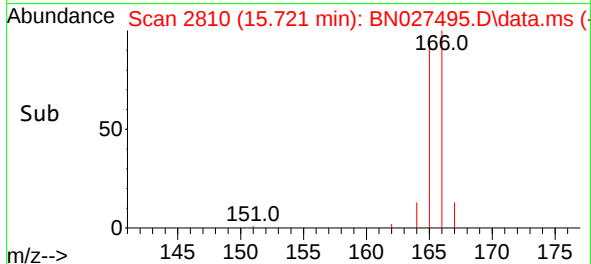
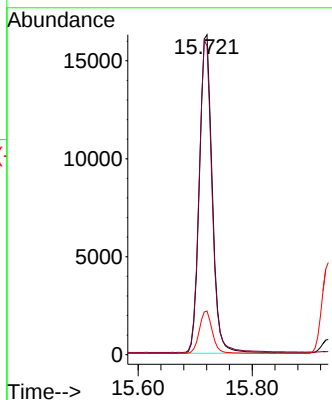
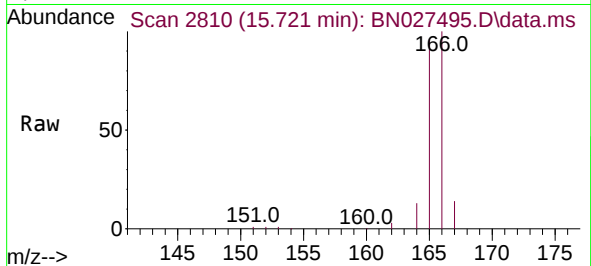




#12
 Fluorene
 Concen: 0.387 ng/ul
 RT: 15.721 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN027495.D
 Acq: 09 Sep 2023 11:01

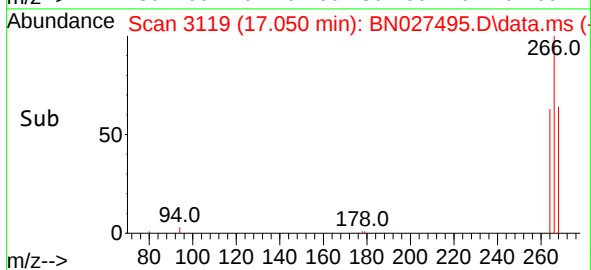
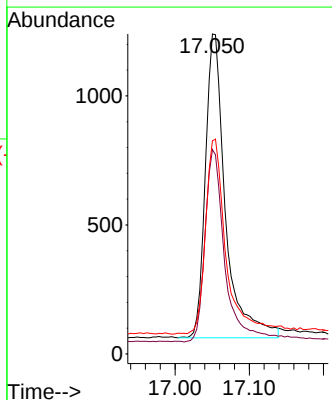
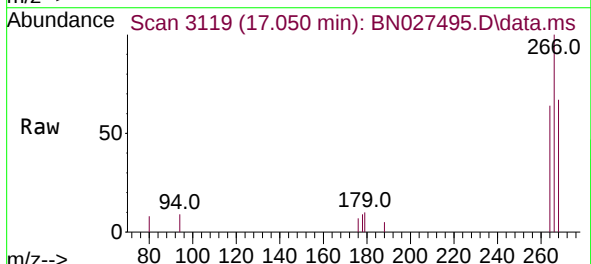
Instrument :
 BNA_N
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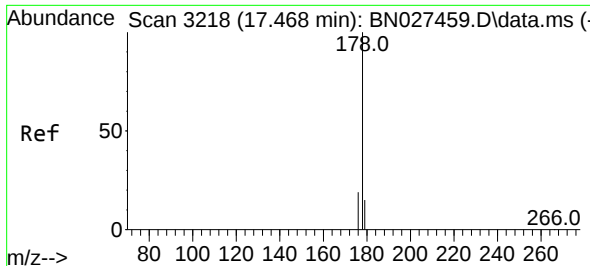
Tgt Ion:166 Resp: 25460
 Ion Ratio Lower Upper
 166 100
 165 96.5 79.6 119.4
 167 13.7 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.322 ng/ul
 RT: 17.050 min Scan# 3119
 Delta R.T. -0.009 min
 Lab File: BN027495.D
 Acq: 09 Sep 2023 11:01

Tgt Ion:266 Resp: 2214
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.4 75.6
 268 65.5 51.9 77.9

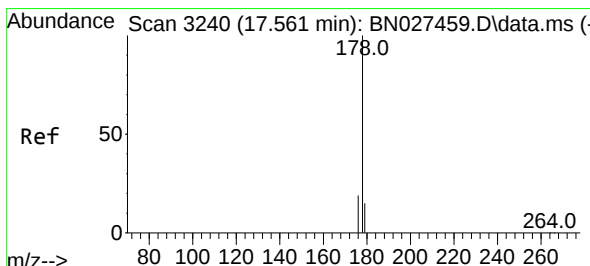
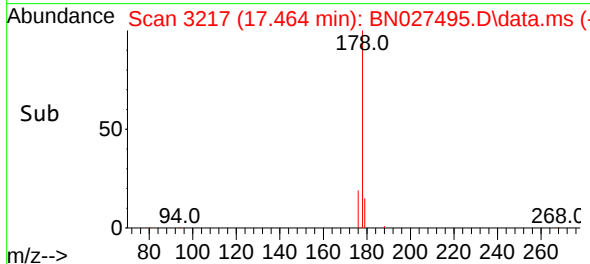
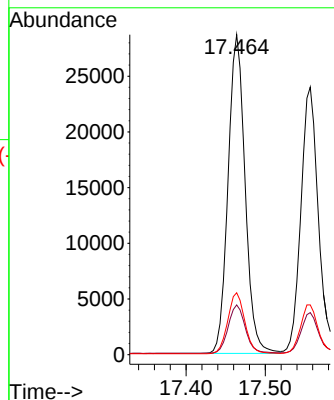
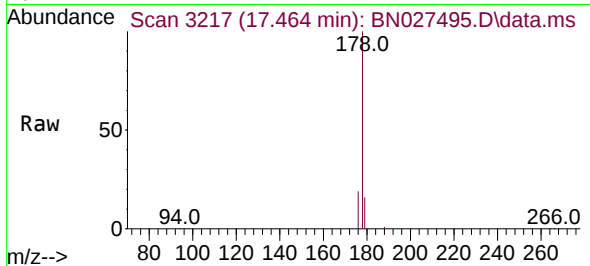




#15
Phenanthrene
Concen: 0.372 ng/ul
RT: 17.464 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

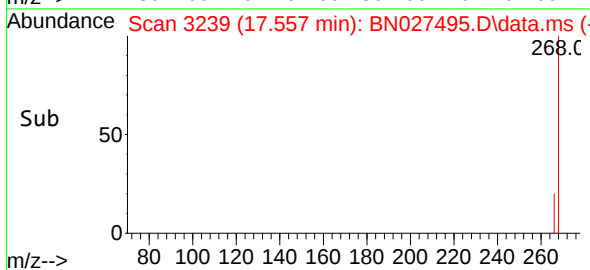
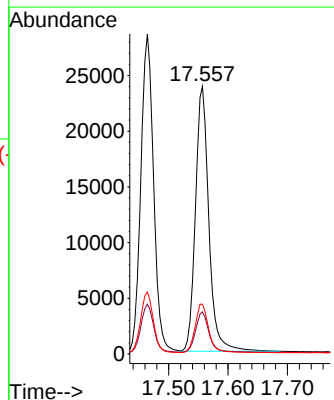
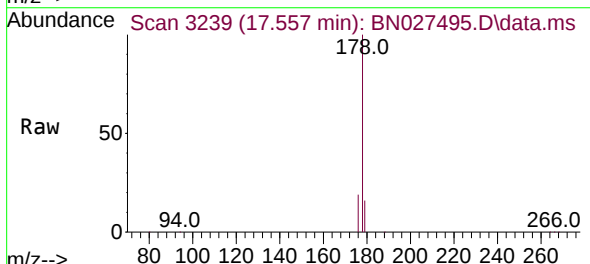
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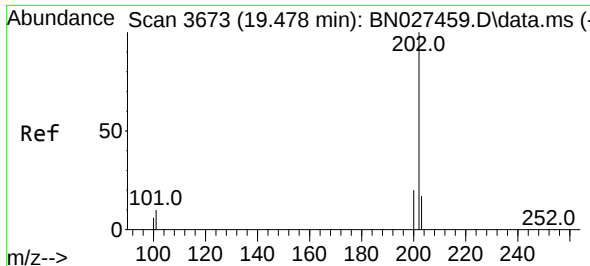
Tgt Ion:178 Resp: 42819
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.8 23.8



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.557 min Scan# 3239
Delta R.T. -0.004 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:178 Resp: 37243
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 18.6 15.6 23.4

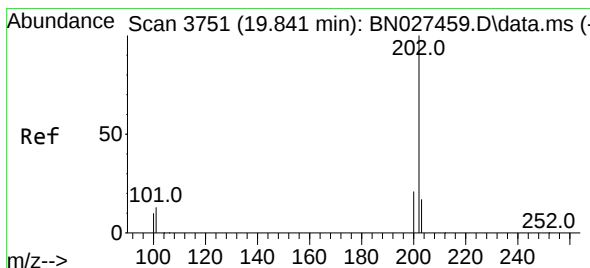
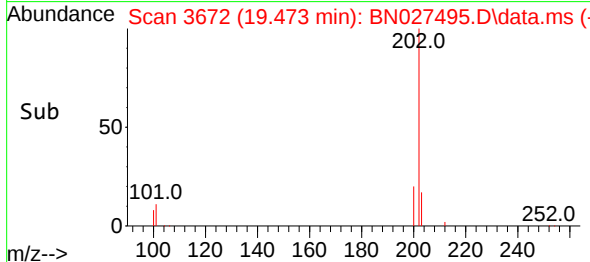
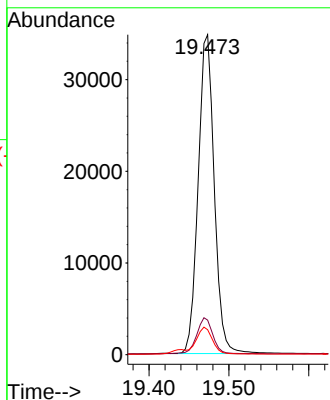
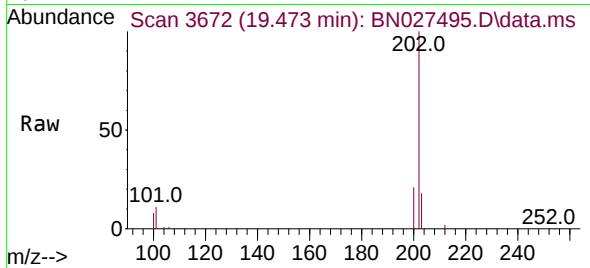




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.473 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

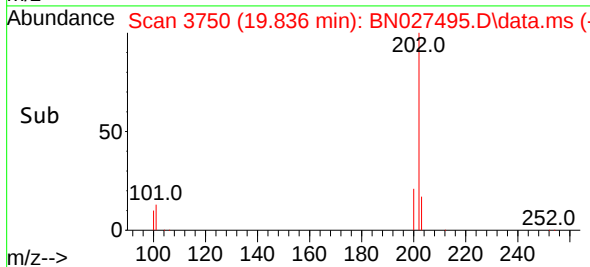
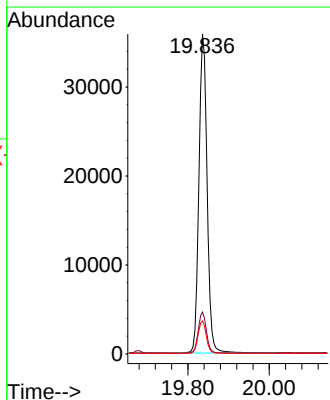
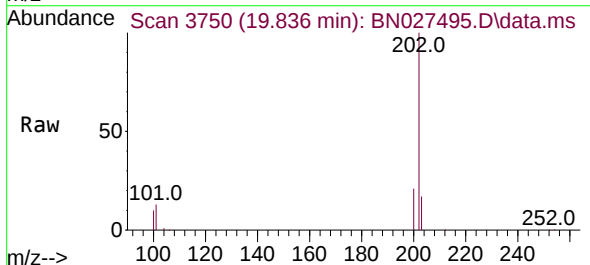
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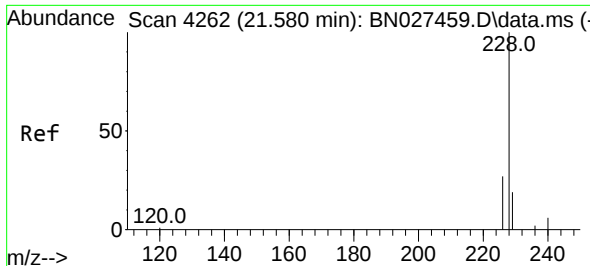
Tgt Ion:202 Resp: 48847
Ion Ratio Lower Upper
202 100
101 10.8 9.4 14.0
100 7.8 6.9 10.3



#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.836 min Scan# 3750
Delta R.T. -0.005 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:202 Resp: 49953
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.2
100 10.3 9.4 14.2

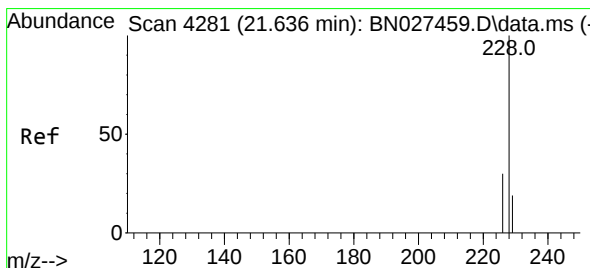
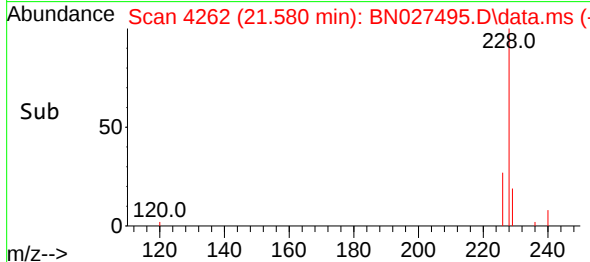
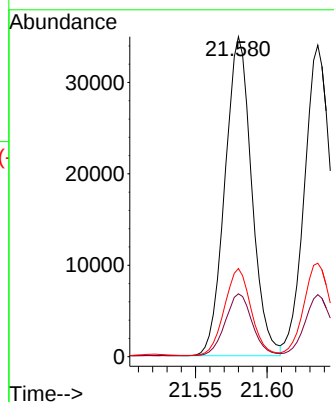
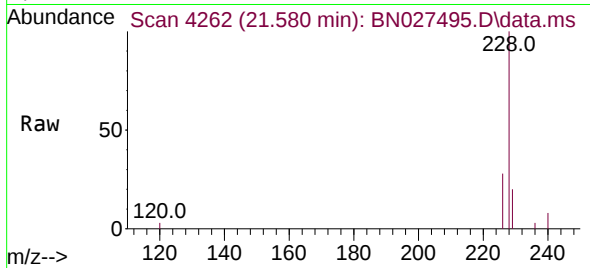




#21
Benzo(a)anthracene
Concen: 0.421 ng/ul
RT: 21.580 min Scan# 4262
Delta R.T. -0.000 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

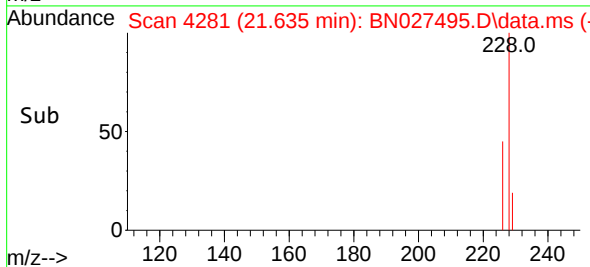
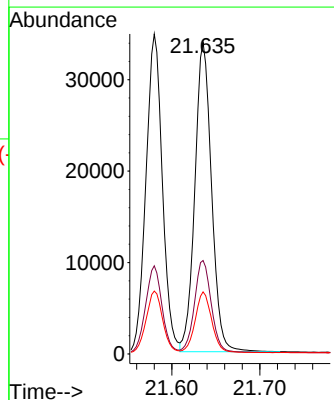
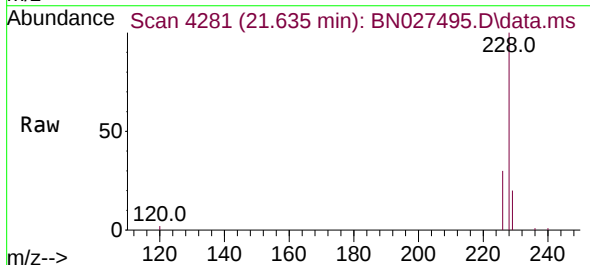
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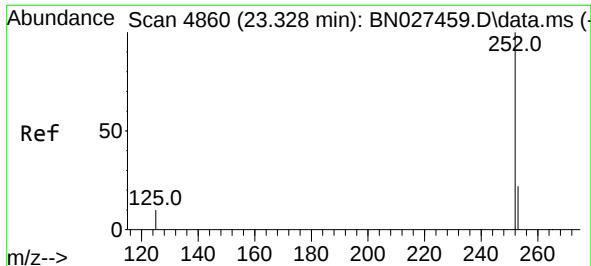
Tgt Ion:228 Resp: 45385
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.6 22.0 33.0



#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. -0.000 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:228 Resp: 44719
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.9 15.6 23.4

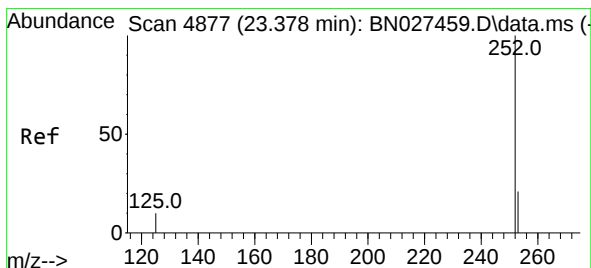
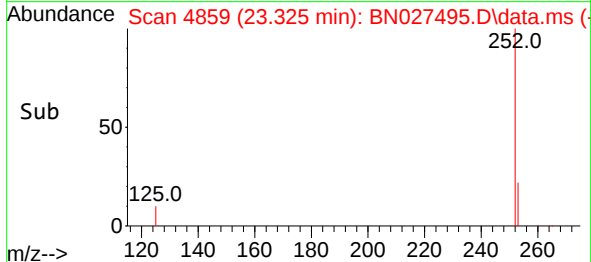
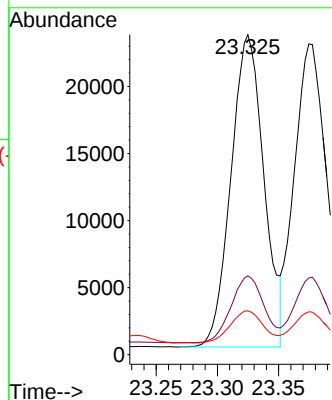
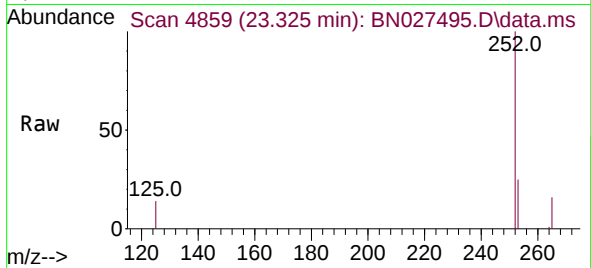




#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.325 min Scan# 4859
Delta R.T. -0.003 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

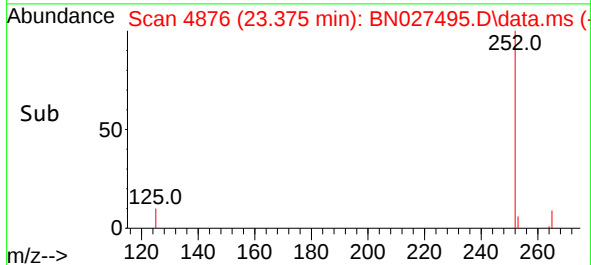
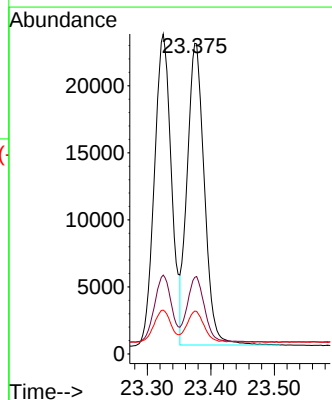
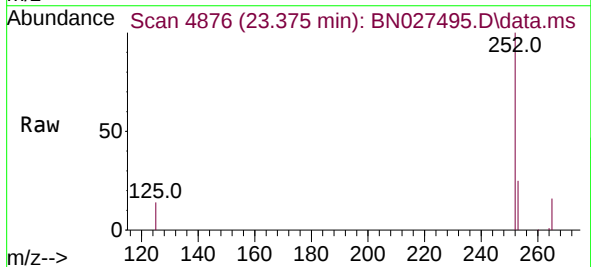
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

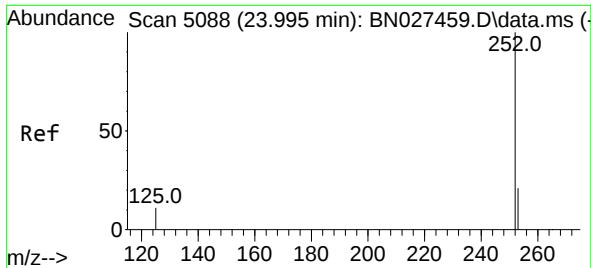
Tgt Ion:252 Resp: 43533
Ion Ratio Lower Upper
252 100
253 24.6 0.0 49.6
125 13.7 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.375 min Scan# 4876
Delta R.T. -0.003 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:252 Resp: 42263
Ion Ratio Lower Upper
252 100
253 24.7 19.9 29.9
125 13.8 13.6 20.4

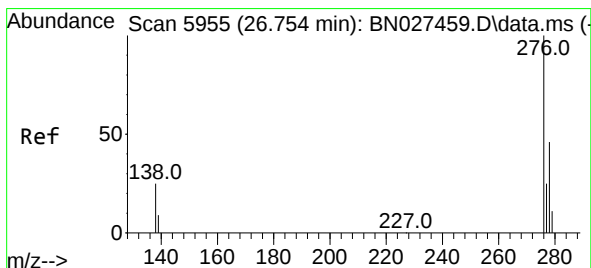
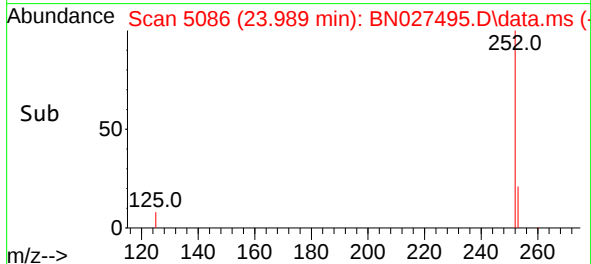
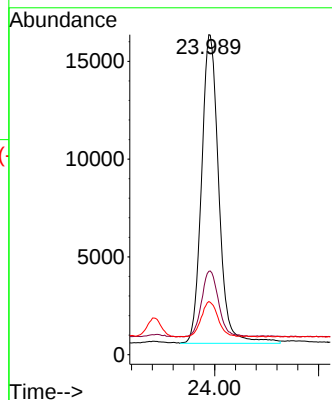
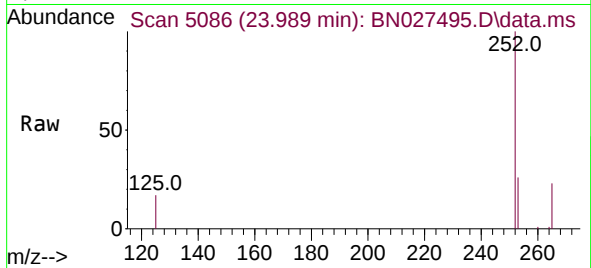




#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.989 min Scan# 5086
Delta R.T. -0.006 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

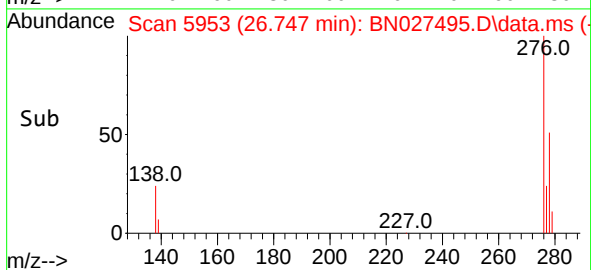
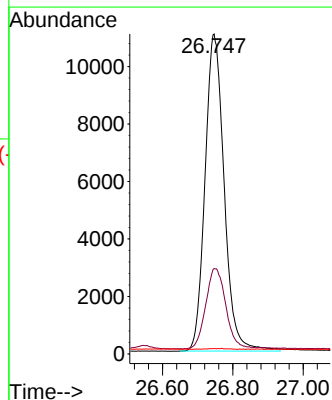
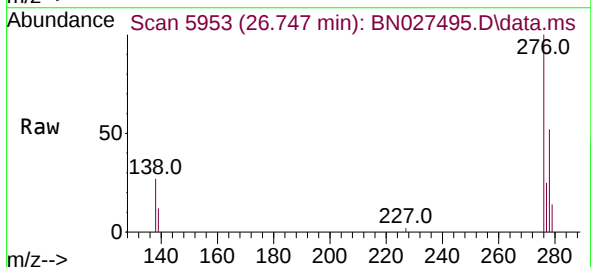
Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

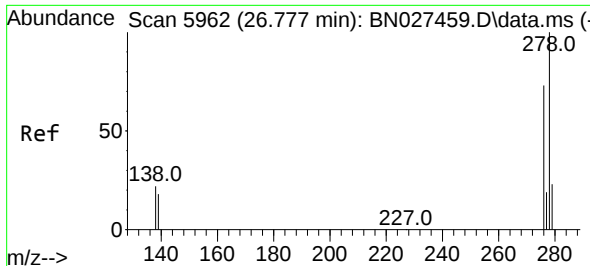
Tgt Ion:252 Resp: 36258
Ion Ratio Lower Upper
252 100
253 26.1 22.4 33.6
125 16.6 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.747 min Scan# 5953
Delta R.T. -0.007 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:276 Resp: 41729
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.1 0.1 0.1#

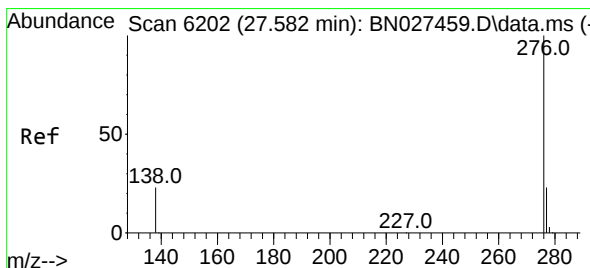
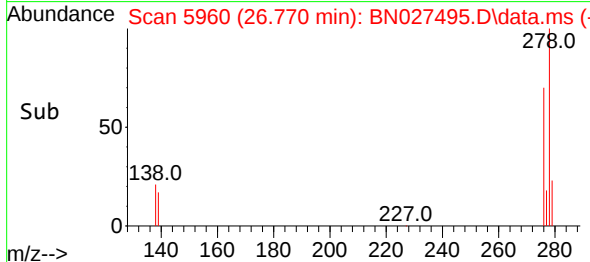
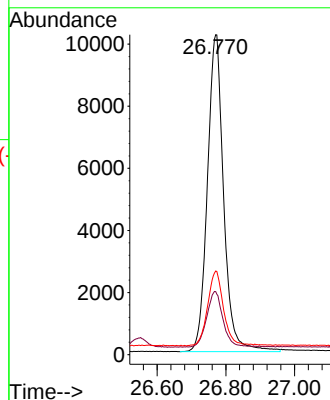
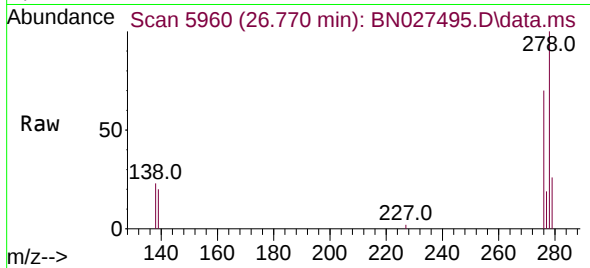




#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 26.770 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.4265

Tgt Ion:278 Resp: 33522
Ion Ratio Lower Upper
278 100
139 19.7 18.0 27.0
279 26.2 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.572 min Scan# 6199
Delta R.T. -0.011 min
Lab File: BN027495.D
Acq: 09 Sep 2023 11:01

Tgt Ion:276 Resp: 34508
Ion Ratio Lower Upper
276 100
138 24.1 22.1 33.1
277 24.6 20.2 30.4

