

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028734.D
 Acq On : 18 Nov 2023 12:19
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:01:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 09:39:27 2023
 Response via : Initial Calibration

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

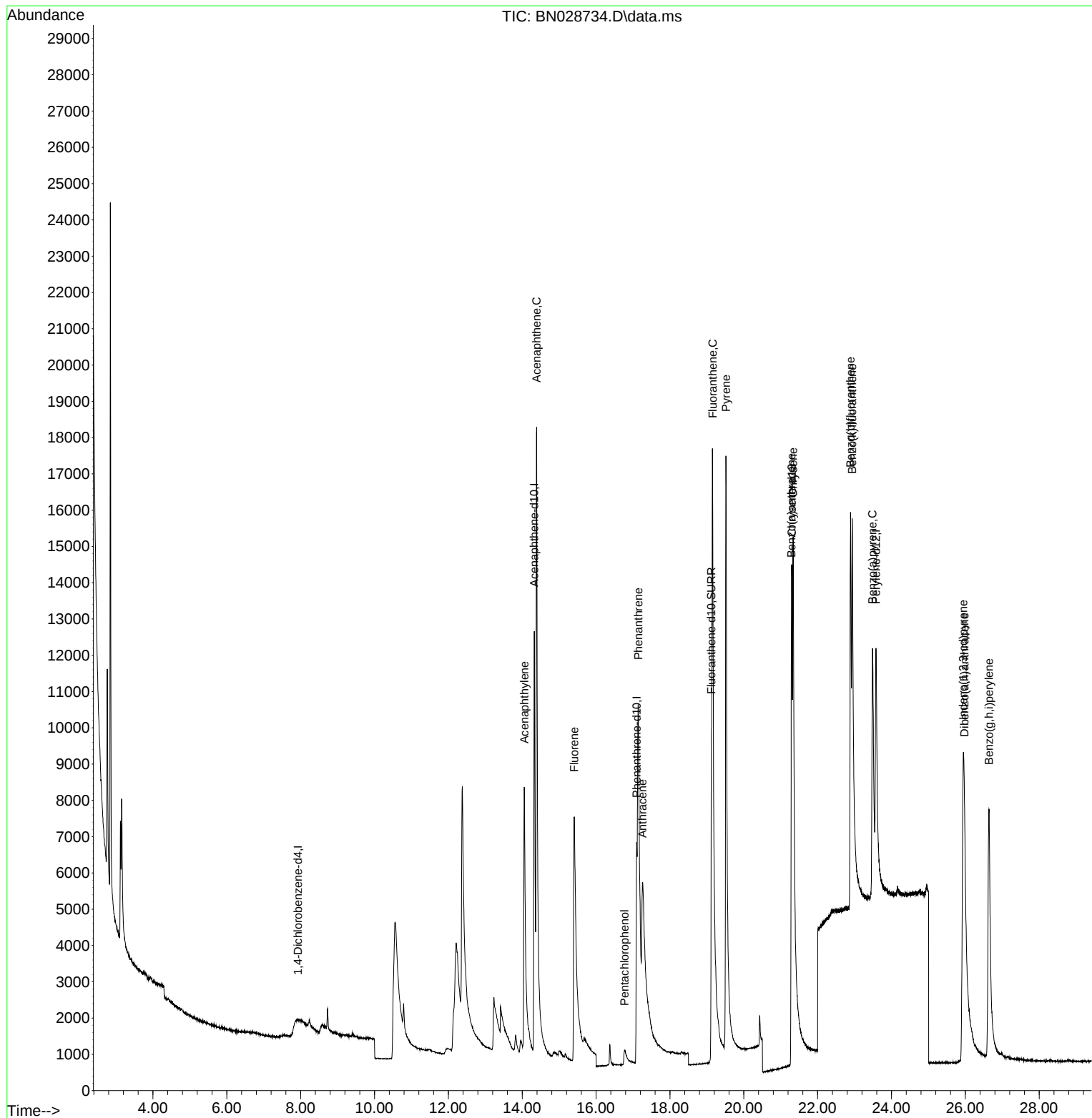
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	1565	0.400	ng/ul	# 0.13
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.326	164	10311	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.099	188	13501	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.302	240	12283	0.400	ng/ul	# 0.00
23) Perylene-d12	23.582	264	12457	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.145	152	3605	0.000	ng/ul	0.03
18) Fluoranthene-d10	19.123	212	18379	0.465	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.058	152	19648	0.382	ng/ul	98
11) Acenaphthene	14.391	153	16614	0.439	ng/ul	99
12) Fluorene	15.408	166	13611	0.309	ng/ul	98
14) Pentachlorophenol	16.774	266	773	0.239	ng/ul	99
15) Phenanthrene	17.141	178	21264	0.513	ng/ul	97
16) Anthracene	17.255	178	9580	0.252	ng/ul	94
19) Fluoranthene	19.155	202	24562	0.470	ng/ul	98
20) Pyrene	19.518	202	28979	0.535	ng/ul	95
21) Benzo(a)anthracene	21.290	228	12031	0.248	ng/ul	98
22) Chrysene	21.337	228	19505	0.411	ng/ul	100
24) Benzo(b)fluoranthene	22.892	252	17354	0.371	ng/ul	86
25) Benzo(k)fluoranthene	22.936	252	21313	0.435	ng/ul#	89
26) Benzo(a)pyrene	23.485	252	18444	0.418	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.941	276	22385	0.457	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.971	278	16522	0.422	ng/ul#	92
29) Benzo(g,h,i)perylene	26.639	276	21022	0.524	ng/ul	96

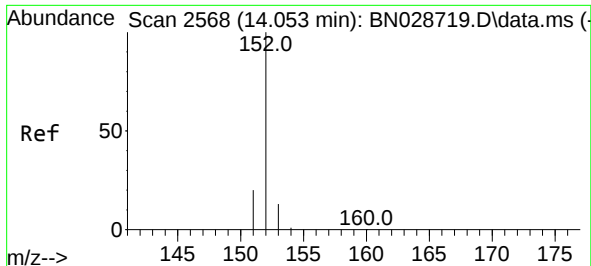
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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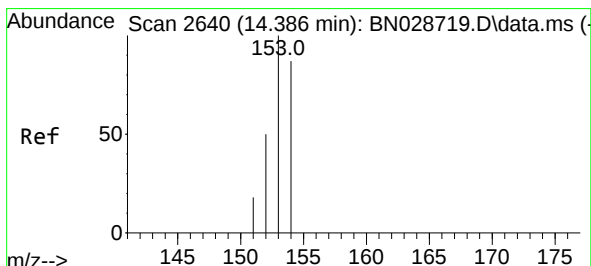
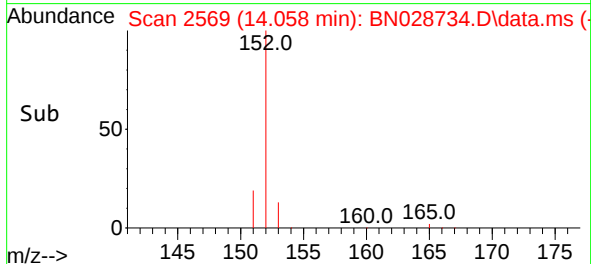
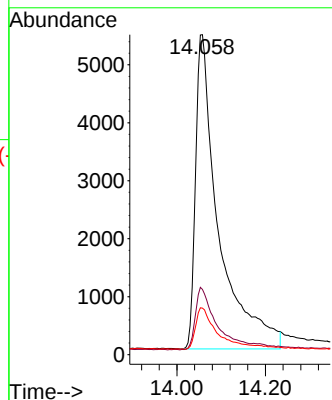
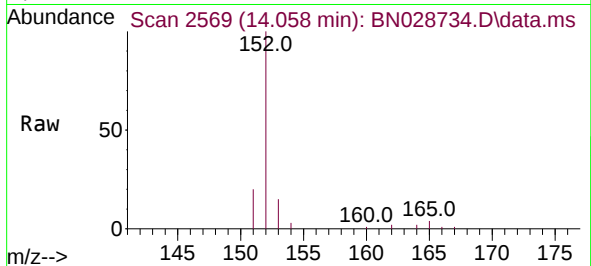




#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.058 min Scan# 2568
Delta R.T. 0.005 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

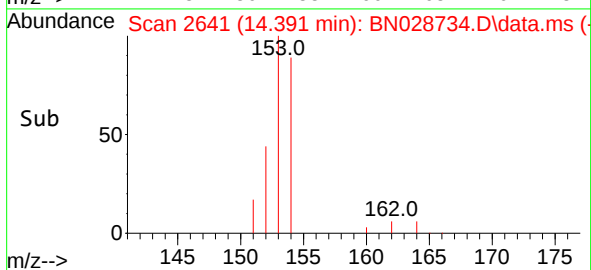
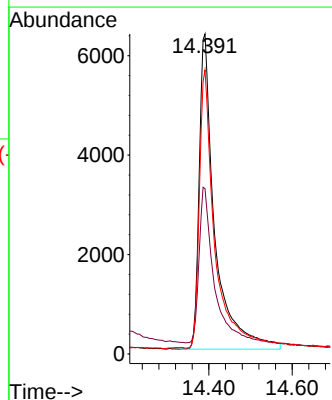
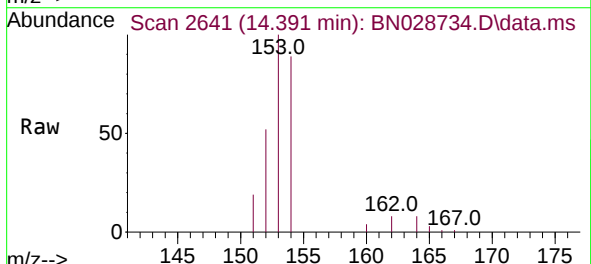
Instrument :
BNA_M
ClientSampleId :

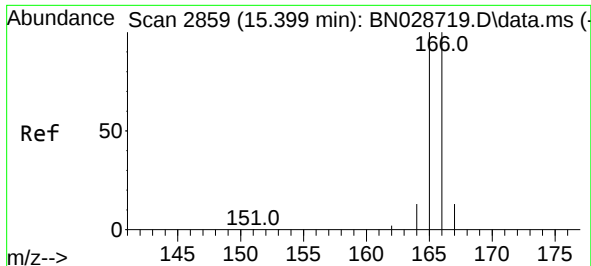
Tgt Ion:152 Resp: 19648
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 14.6 10.6 15.8



#11
Acenaphthene
Concen: 0.439 ng/ul
RT: 14.391 min Scan# 2641
Delta R.T. 0.001 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Tgt Ion:153 Resp: 16614
Ion Ratio Lower Upper
153 100
152 51.7 39.6 59.4
154 88.8 71.0 106.6

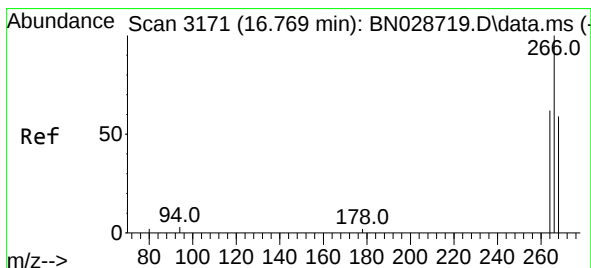
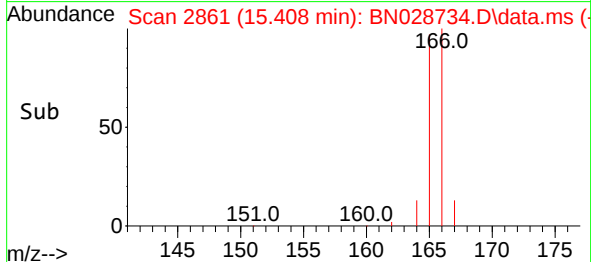
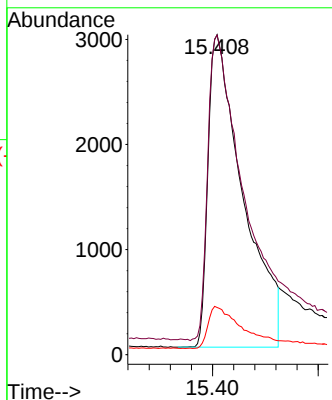
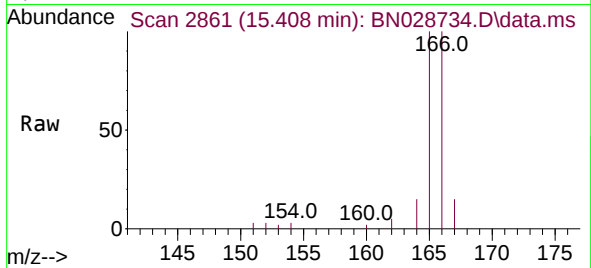




#12
Fluorene
Concen: 0.309 ng/ul
RT: 15.408 min Scan# 2861
Delta R.T. 0.015 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

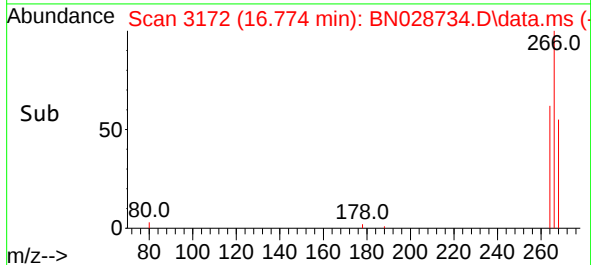
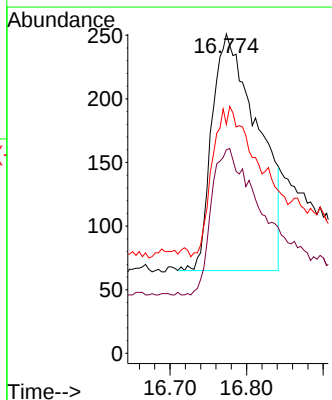
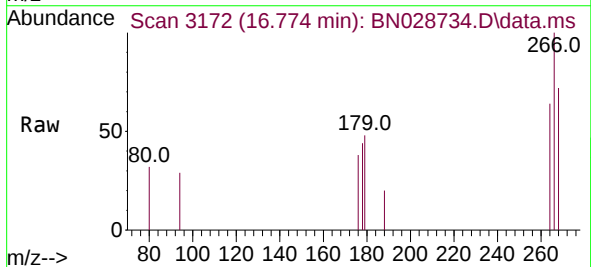
Instrument :
BNA_M
ClientSampleId :

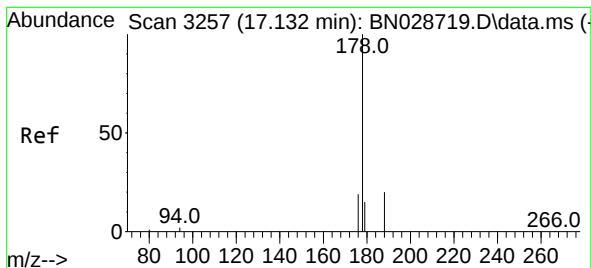
Tgt Ion:166 Resp: 13611
Ion Ratio Lower Upper
166 100
165 99.9 78.6 118.0
167 14.7 11.0 16.6



#14
Pentachlorophenol
Concen: 0.239 ng/ul
RT: 16.774 min Scan# 3172
Delta R.T. 0.026 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Tgt Ion:266 Resp: 773
Ion Ratio Lower Upper
266 100
264 63.1 50.1 75.1
268 64.2 50.6 75.8





#15

Phenanthrene

Concen: 0.513 ng/ul

RT: 17.141 min Scan# 3257

Delta R.T. 0.009 min

Lab File: BN028734.D

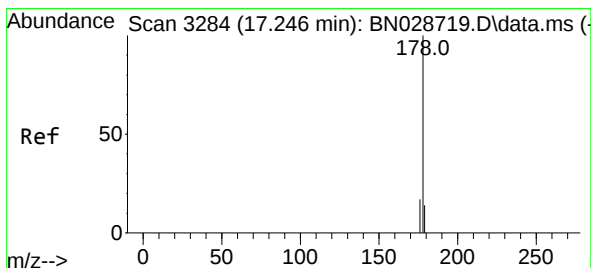
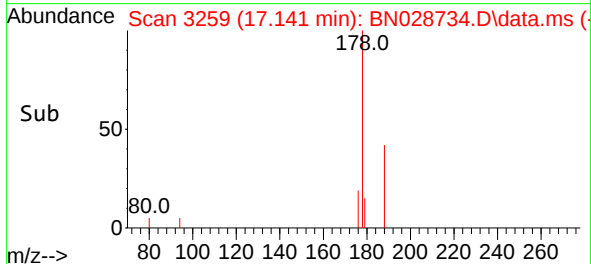
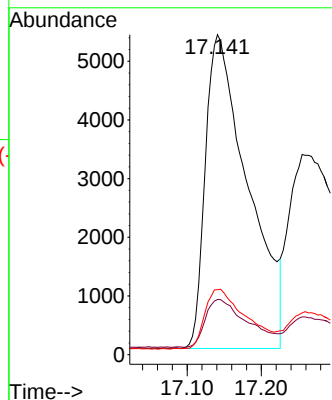
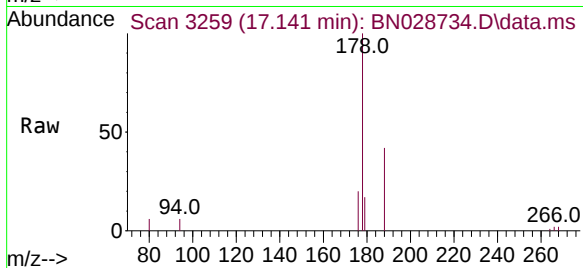
Acq: 18 Nov 2023 12:19

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:178	Resp:	21264
Ion Ratio	Lower	Upper
178	100	
179	17.3	12.4 18.6
176	20.3	15.4 23.2



#16

Anthracene

Concen: 0.252 ng/ul

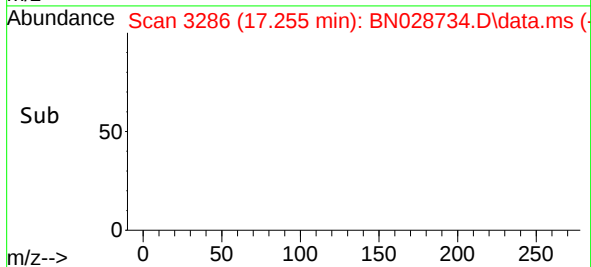
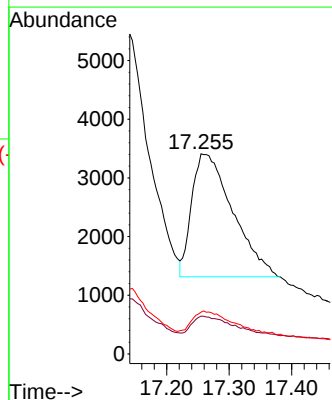
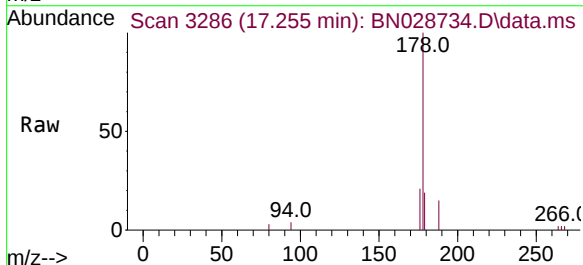
RT: 17.255 min Scan# 3286

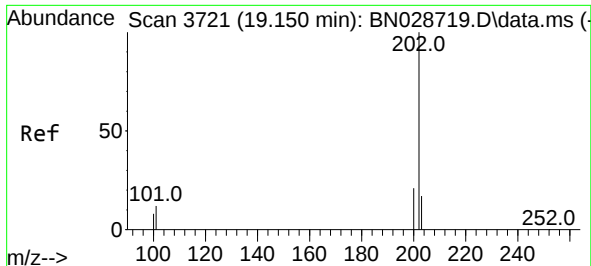
Delta R.T. 0.018 min

Lab File: BN028734.D

Acq: 18 Nov 2023 12:19

Tgt Ion:178	Resp:	9580
Ion Ratio	Lower	Upper
178	100	
179	18.8	12.6 18.8
176	20.9	14.9 22.3

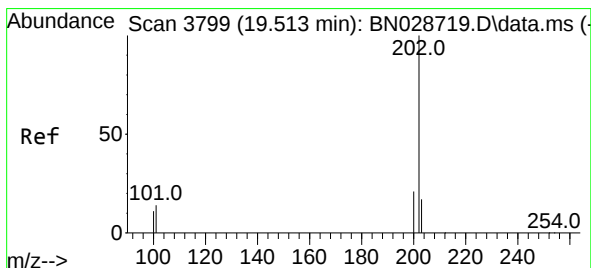
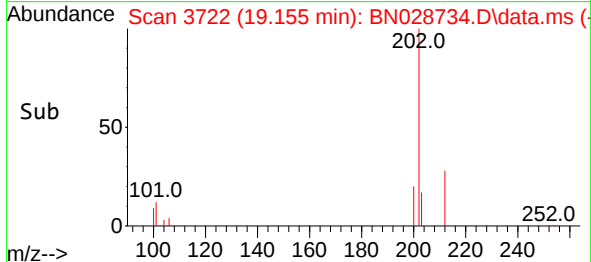
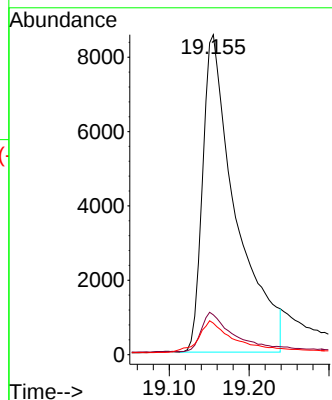
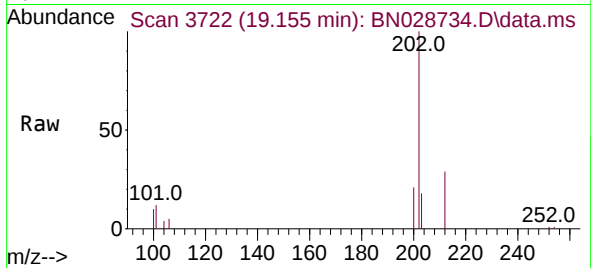




#19
Fluoranthene
Concen: 0.470 ng/u1
RT: 19.155 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

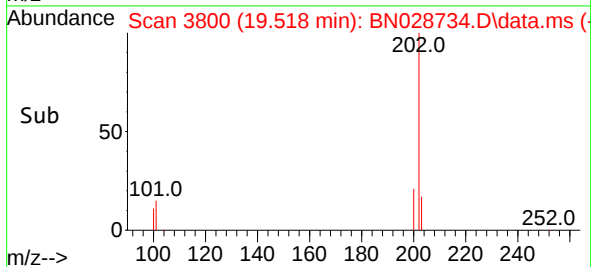
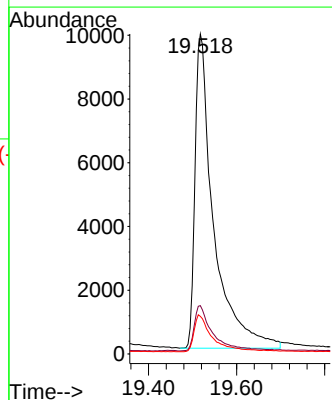
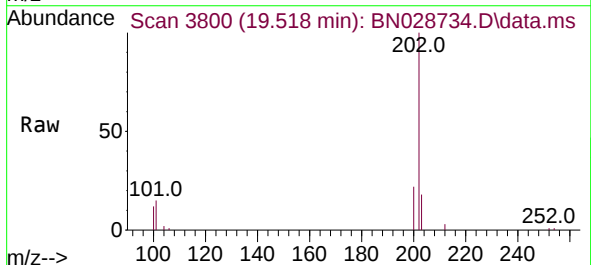
Instrument :
BNA_M
ClientSampleId :

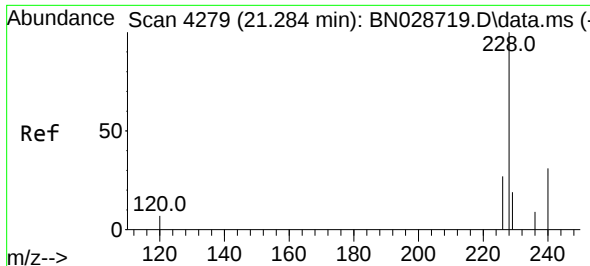
Tgt Ion:202 Resp: 24562
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 9.9 7.2 10.8



#20
Pyrene
Concen: 0.535 ng/u1
RT: 19.518 min Scan# 3800
Delta R.T. 0.005 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

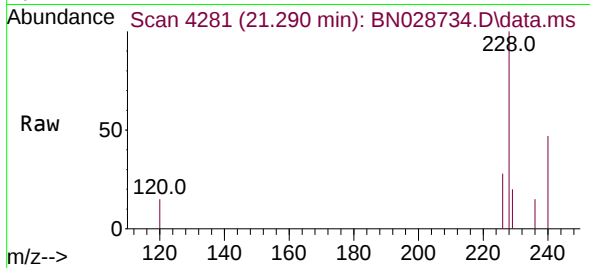
Tgt Ion:202 Resp: 28979
Ion Ratio Lower Upper
202 100
101 15.1 10.3 15.5
100 11.7 8.2 12.2



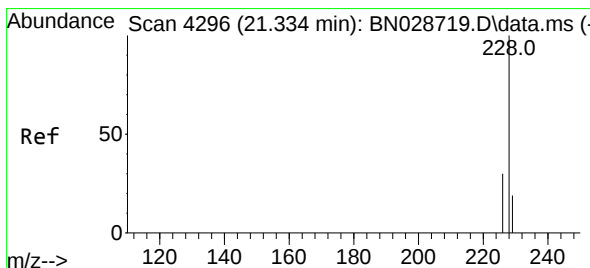
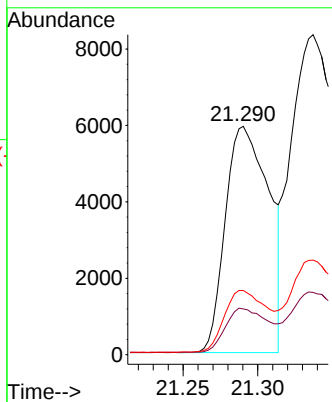
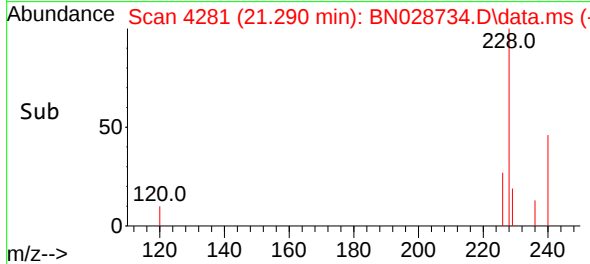


#21
Benzo(a)anthracene
Concen: 0.248 ng/ul
RT: 21.290 min Scan# 4281
Delta R.T. 0.010 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Instrument :
BNA_M
ClientSampleId :

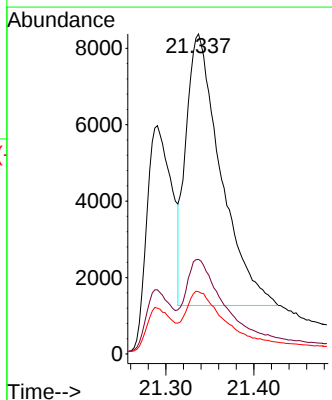
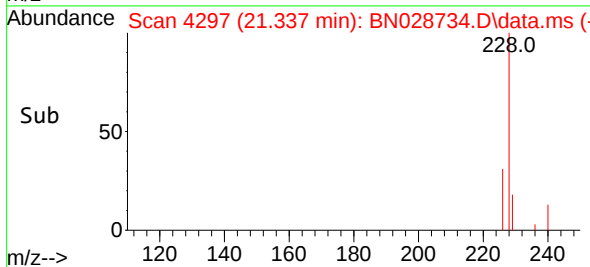
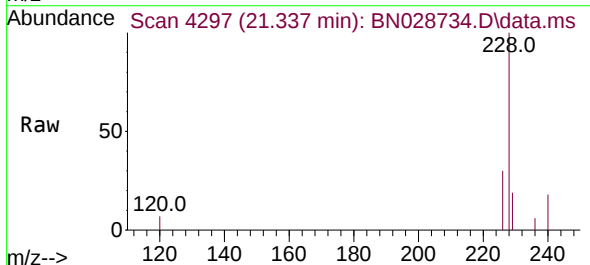


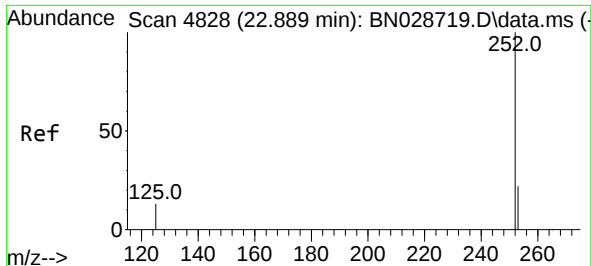
Tgt Ion:228 Resp: 12031
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 28.1 21.4 32.0



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.337 min Scan# 4297
Delta R.T. 0.004 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

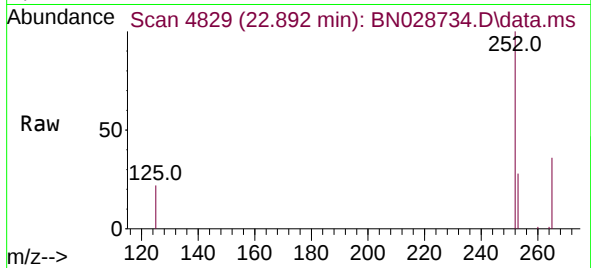
Tgt Ion:228 Resp: 19505
Ion Ratio Lower Upper
228 100
226 29.6 23.8 35.8
229 19.5 15.4 23.2



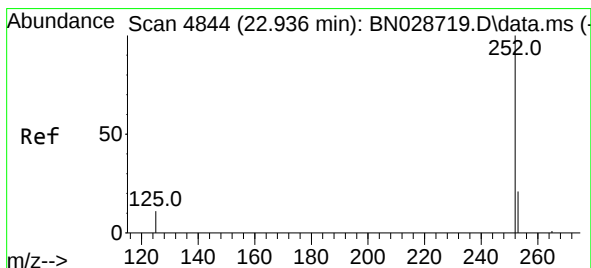
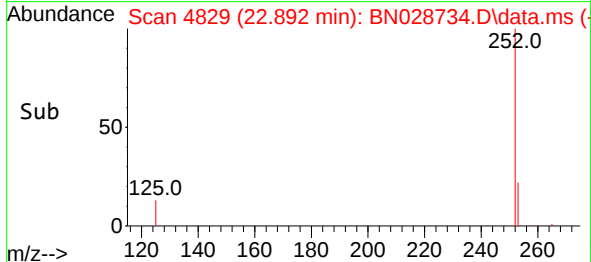
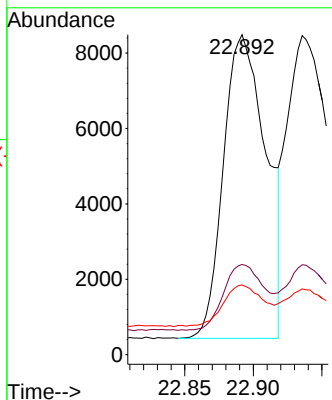


#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 22.892 min Scan# 4829
Delta R.T. 0.004 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Instrument :
BNA_M
ClientSampleId :

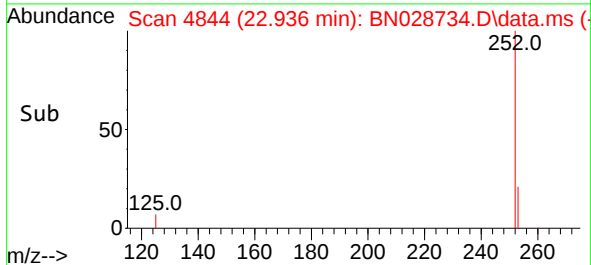
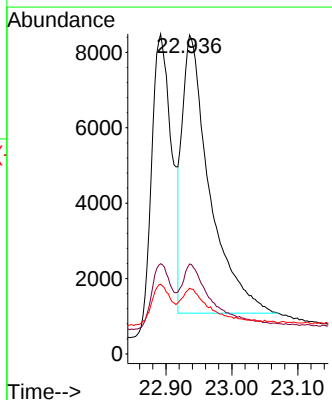
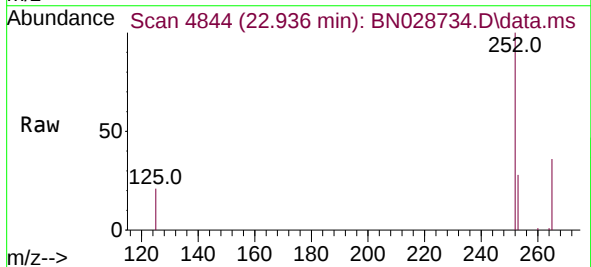


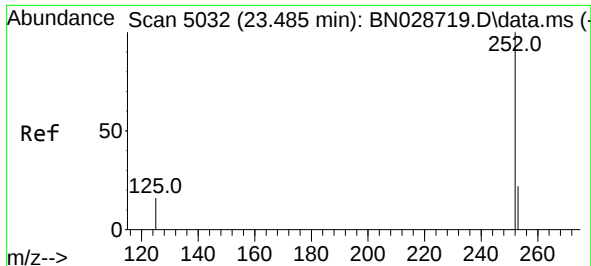
Tgt Ion:252 Resp: 17354
Ion Ratio Lower Upper
252 100
253 28.2 0.0 46.6
125 21.8 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.435 ng/ul
RT: 22.936 min Scan# 4844
Delta R.T. 0.004 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Tgt Ion:252 Resp: 21313
Ion Ratio Lower Upper
252 100
253 28.2 18.6 28.0#
125 20.6 12.7 19.1#

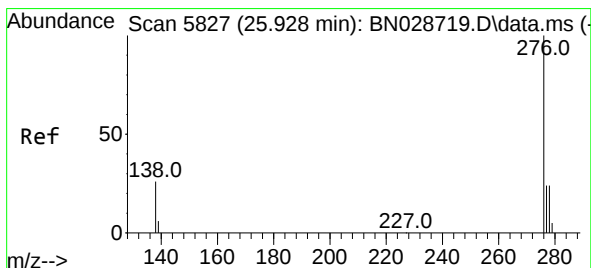
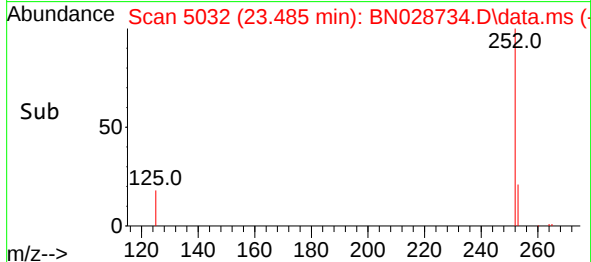
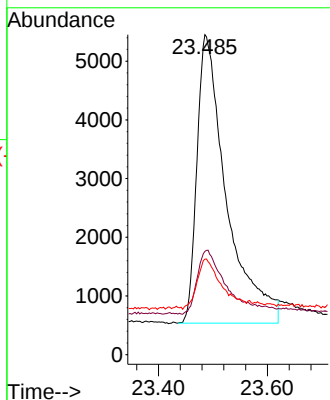
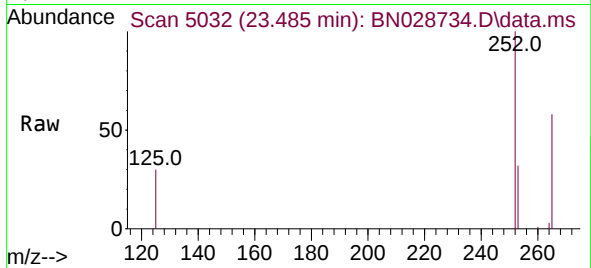




#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.485 min Scan# 5032
Delta R.T. 0.004 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

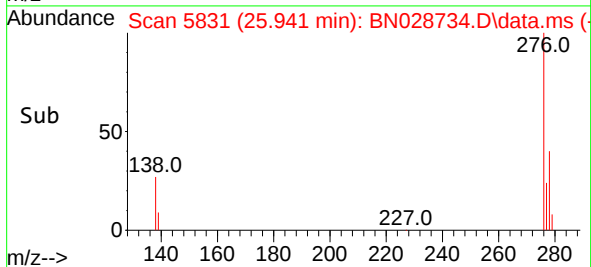
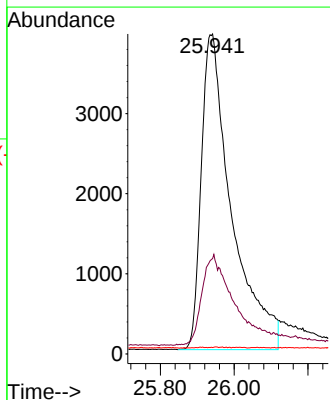
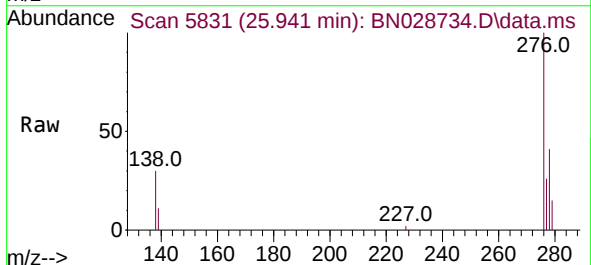
Instrument :
BNA_M
ClientSampleId :

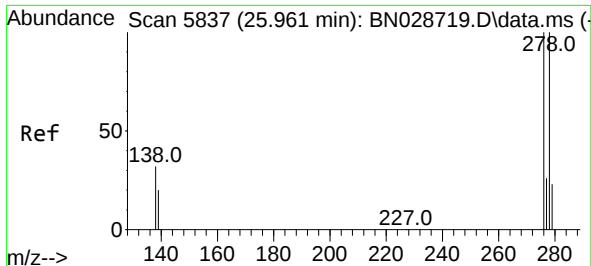
Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.3	19.0	28.6#
125	29.8	13.2	19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 25.941 min Scan# 5831
Delta R.T. 0.011 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

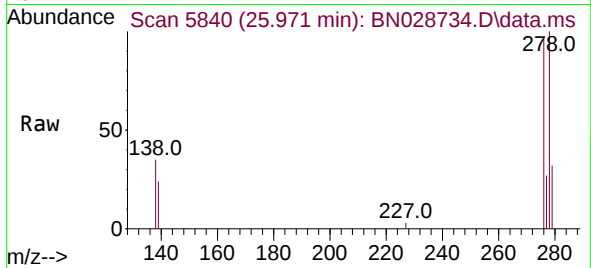
Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.8	35.6
227	0.0	0.1	0.1#



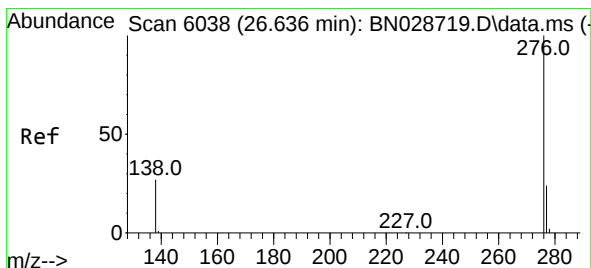
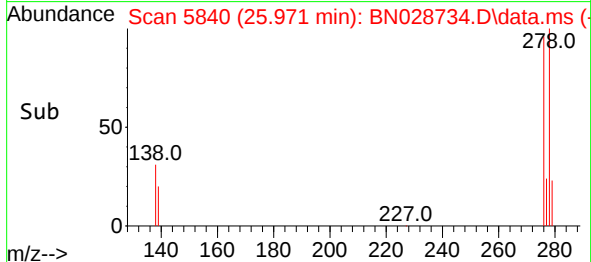
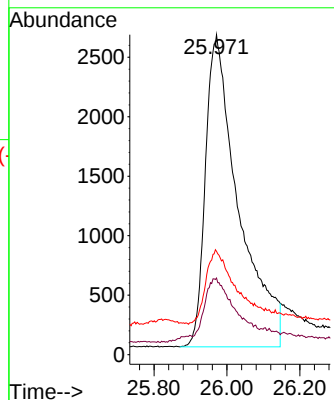


#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 25.971 min Scan# 5840
Delta R.T. 0.014 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 278 Resp: 16522
Ion Ratio Lower Upper
278 100
139 23.9 18.2 27.4
279 32.3 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.524 ng/ul
RT: 26.639 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BN028734.D
Acq: 18 Nov 2023 12:19

Tgt Ion: 276 Resp: 21022
Ion Ratio Lower Upper
276 100
138 29.1 20.5 30.7
277 25.1 19.4 29.0

