

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028748.D
 Acq On : 18 Nov 2023 20:41
 Operator : MA/JU
 Sample : PB157220BS
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:04:47 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

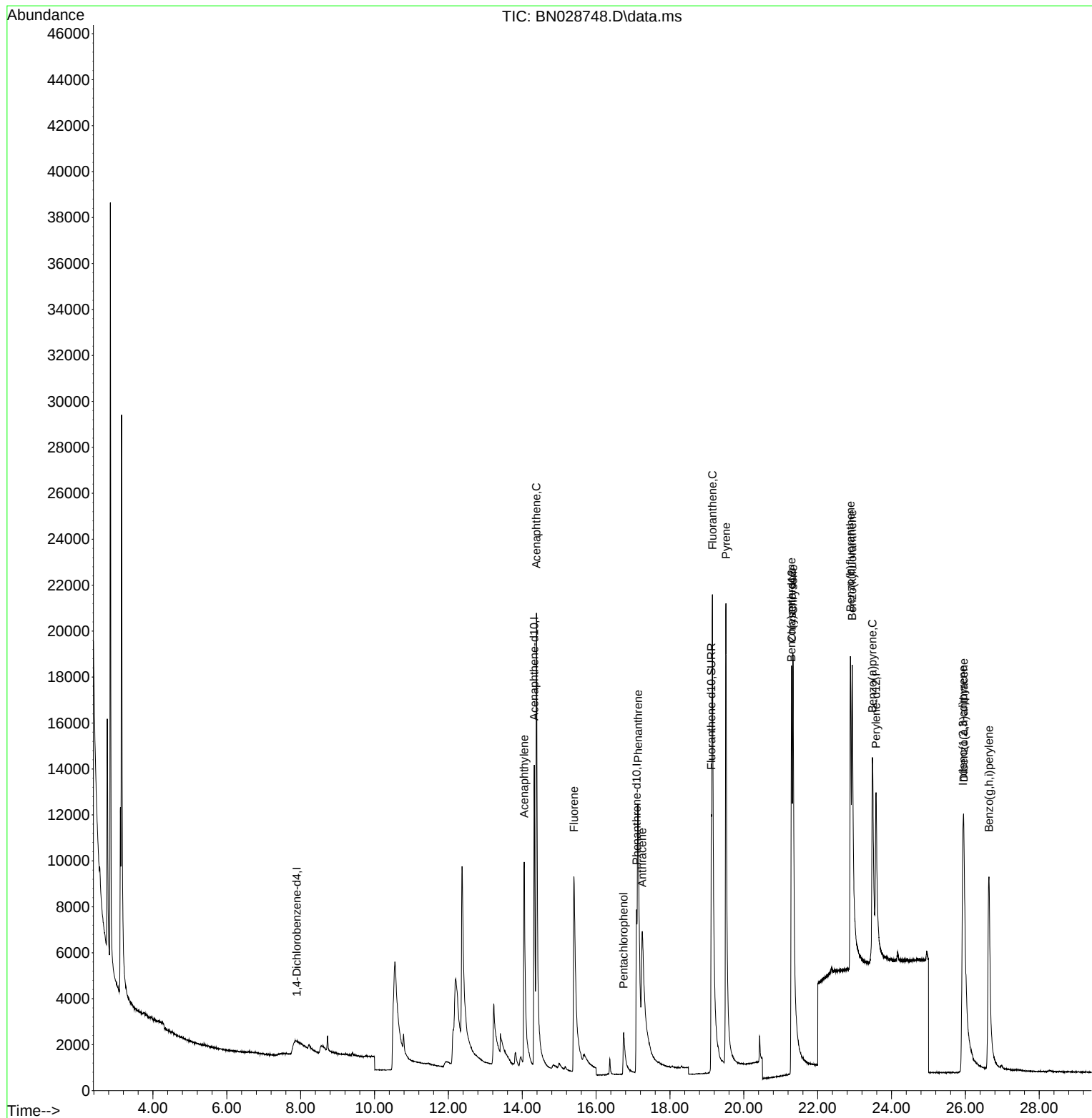
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	2155	0.400	ng/ul	# 0.10
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.325	164	11065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.098	188	15497	0.400	ng/ul	0.00
17) Chrysene-d12	21.298	240	13192	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	12735	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	12.129	152	5328	0.000	ng/ul	0.02
18) Fluoranthene-d10	19.122	212	21274	0.501	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.052	152	22487	0.407	ng/ul	97
11) Acenaphthene	14.385	153	18635	0.459	ng/ul	98
12) Fluorene	15.398	166	15846	0.335	ng/ul	99
14) Pentachlorophenol	16.743	266	3049	0.820	ng/ul	99
15) Phenanthrene	17.136	178	24280	0.510	ng/ul	98
16) Anthracene	17.250	178	13162	0.301	ng/ul	96
19) Fluoranthene	19.150	202	28194	0.503	ng/ul	98
20) Pyrene	19.517	202	32718	0.563	ng/ul	97
21) Benzo(a)anthracene	21.287	228	16629	0.319	ng/ul	98
22) Chrysene	21.333	228	23292	0.457	ng/ul	99
24) Benzo(b)fluoranthene	22.888	252	21062	0.441	ng/ul	89
25) Benzo(k)fluoranthene	22.935	252	26464	0.529	ng/ul	92
26) Benzo(a)pyrene	23.481	252	22594	0.501	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.934	276	27457	0.548	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.957	278	20808	0.520	ng/ul	95
29) Benzo(g,h,i)perylene	26.638	276	24852	0.605	ng/ul	97

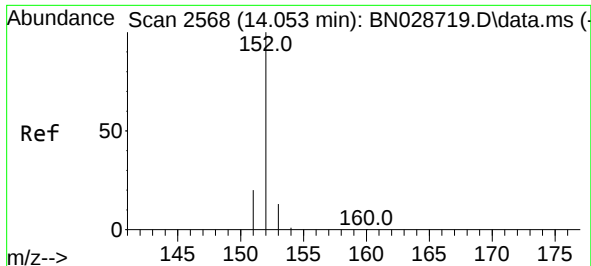
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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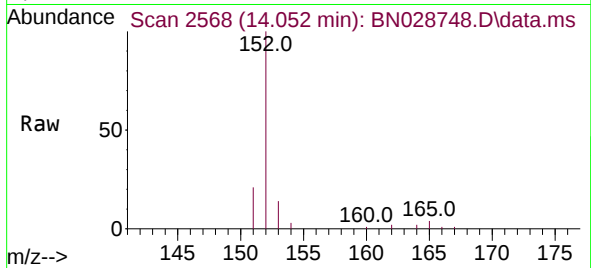
Quant Time: Nov 18 23:04:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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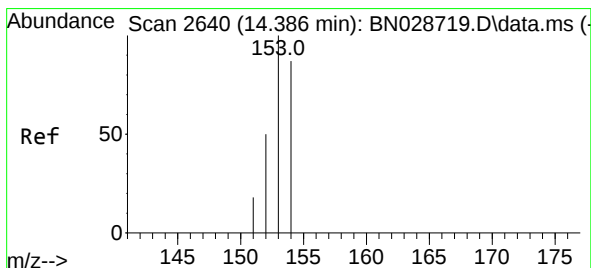
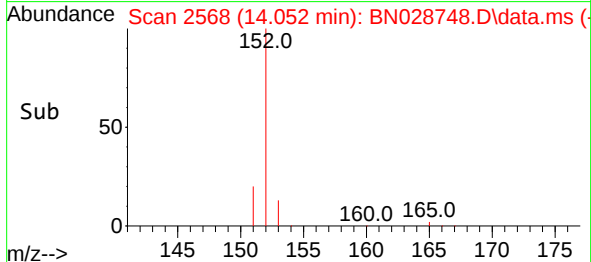
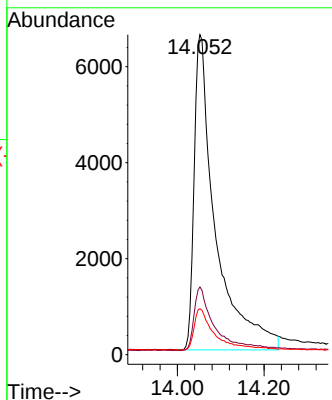


#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 14.052 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Instrument :
BNA_M
ClientSampleId :

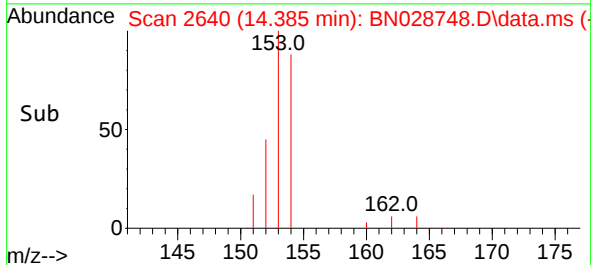
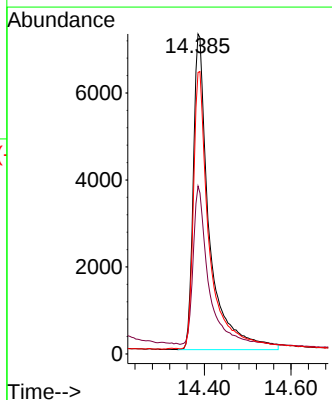
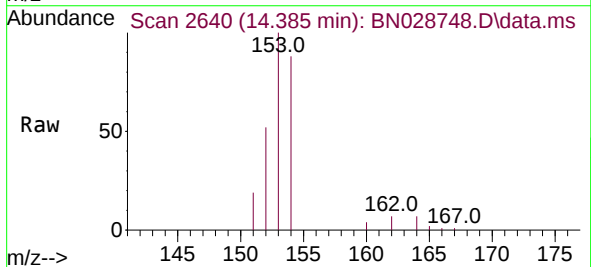


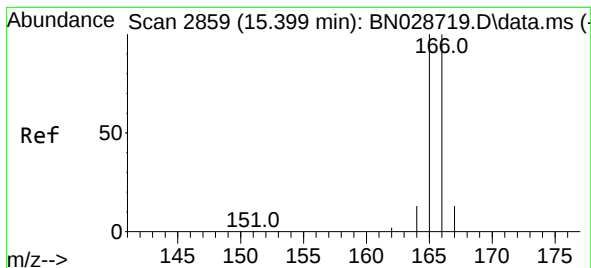
Tgt Ion:152 Resp: 22487
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 14.4 10.6 15.8



#11
Acenaphthene
Concen: 0.459 ng/ul
RT: 14.385 min Scan# 2640
Delta R.T. -0.005 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Tgt Ion:153 Resp: 18635
Ion Ratio Lower Upper
153 100
152 52.4 39.6 59.4
154 88.0 71.0 106.6





#12

Fluorene

Concen: 0.335 ng/ul

RT: 15.398 min Scan# 21

Delta R.T. 0.005 min

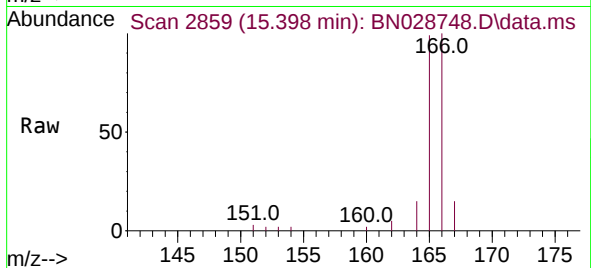
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Acq: 18 Nov 2023 20:41

Instrument :

BNA_M

ClientSampleId :



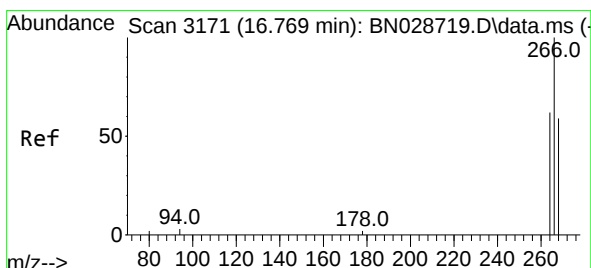
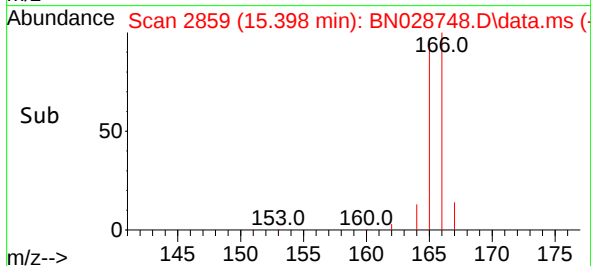
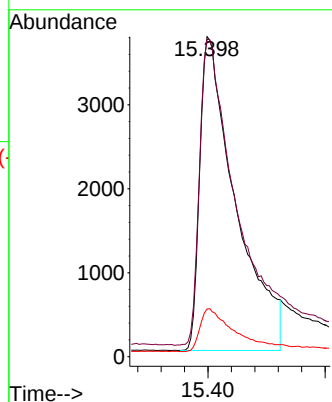
Tgt Ion:166 Resp: 15846

Ion Ratio Lower Upper

166 100

165 99.3 78.6 118.0

167 14.9 11.0 16.6



#14

Pentachlorophenol

Concen: 0.820 ng/ul

RT: 16.743 min Scan# 3165

Delta R.T. -0.004 min

Lab File: BN028748.D

Acq: 18 Nov 2023 20:41

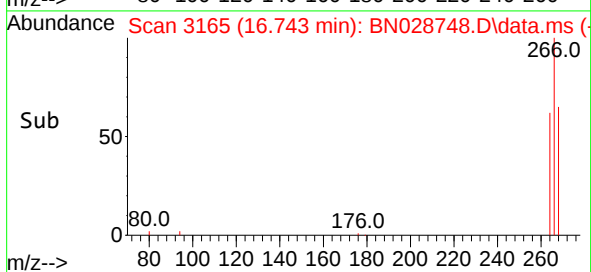
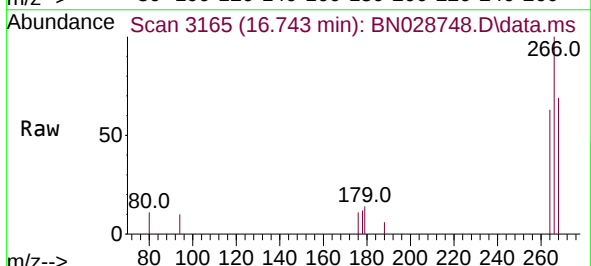
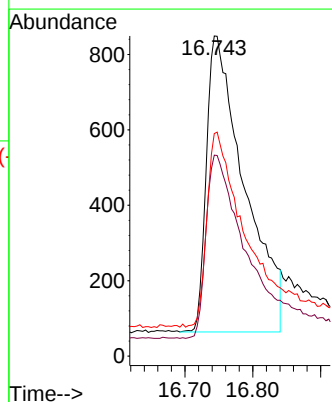
Tgt Ion:266 Resp: 3049

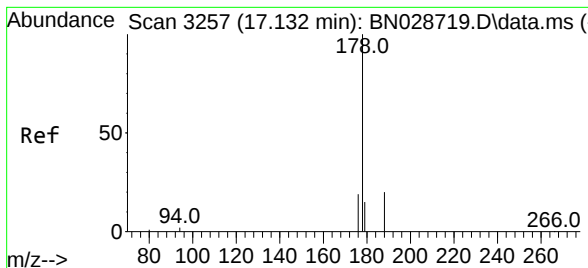
Ion Ratio Lower Upper

266 100

264 61.9 50.1 75.1

268 64.3 50.6 75.8





#15

Phenanthrene

Concen: 0.510 ng/u1

RT: 17.136 min Scan# 31

Delta R.T. 0.004 min

Lab File: BN028748.D

Acq: 18 Nov 2023 20:41

Instrument :

BNA_M

ClientSampleId :

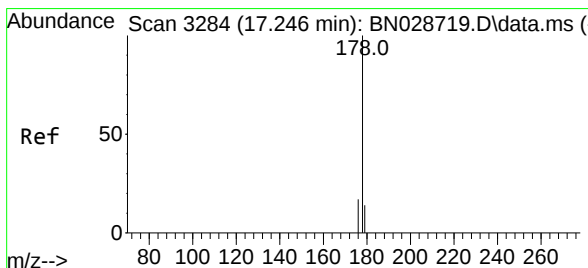
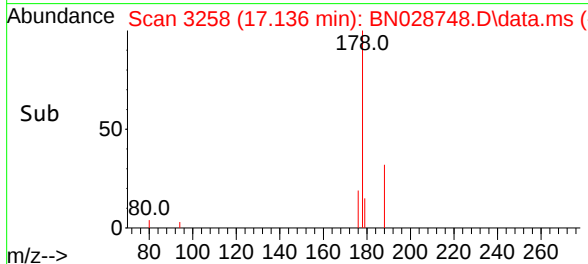
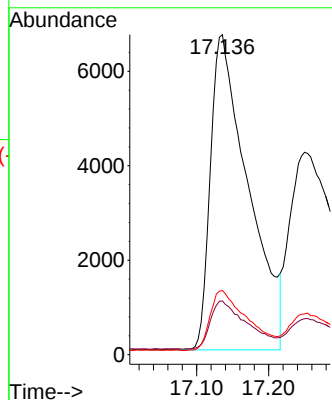
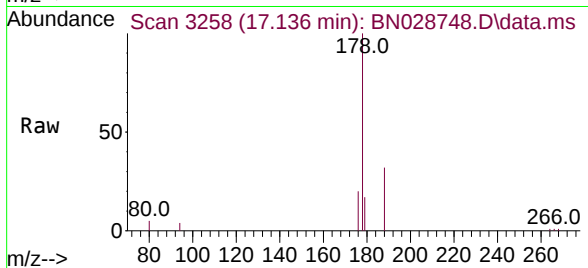
Tgt Ion:178 Resp: 24280

Ion Ratio Lower Upper

178 100

179 16.8 12.4 18.6

176 20.1 15.4 23.2



#16

Anthracene

Concen: 0.301 ng/u1

RT: 17.250 min Scan# 3285

Delta R.T. 0.013 min

Lab File: BN028748.D

Acq: 18 Nov 2023 20:41

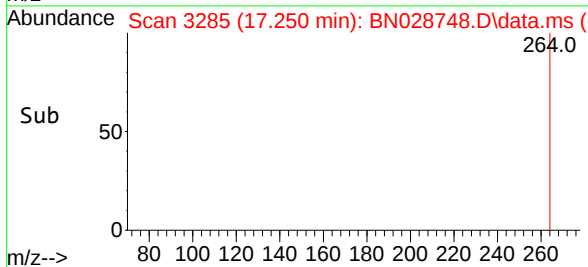
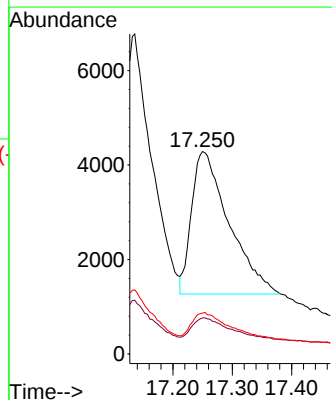
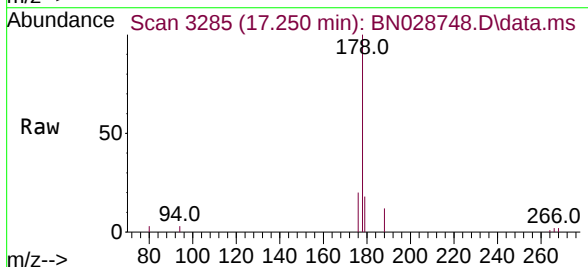
Tgt Ion:178 Resp: 13162

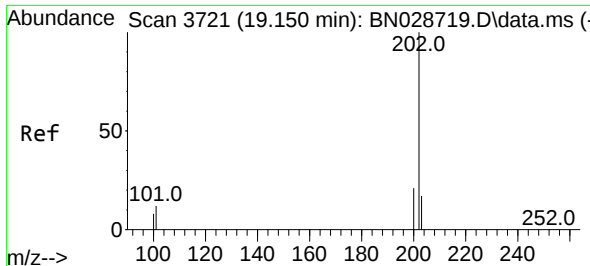
Ion Ratio Lower Upper

178 100

179 17.8 12.6 18.8

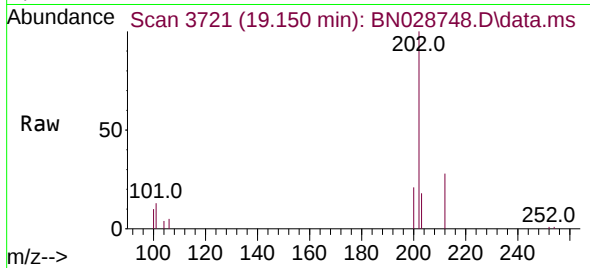
176 20.2 14.9 22.3



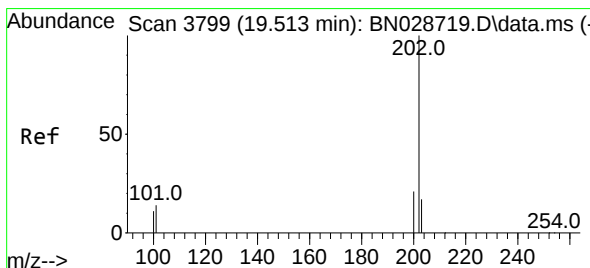
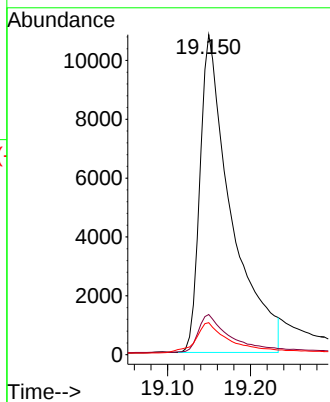
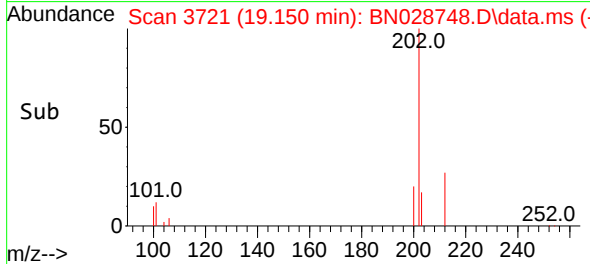


#19
Fluoranthene
Concen: 0.503 ng/u1
RT: 19.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

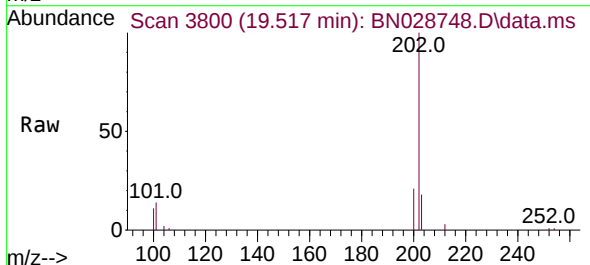
Instrument :
BNA_M
ClientSampleId :



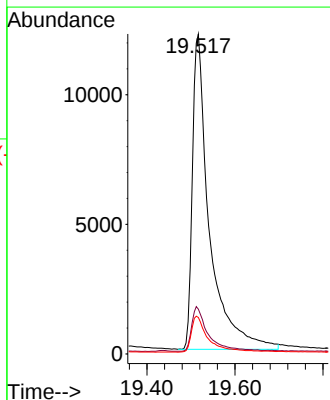
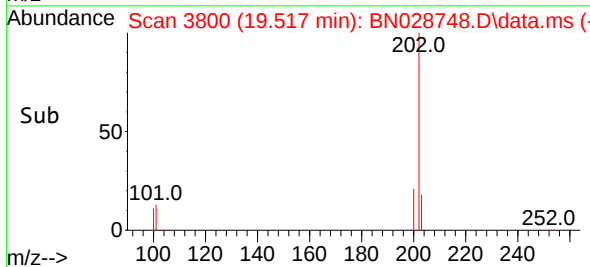
Tgt Ion:202 Resp: 28194
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 10.0 7.2 10.8

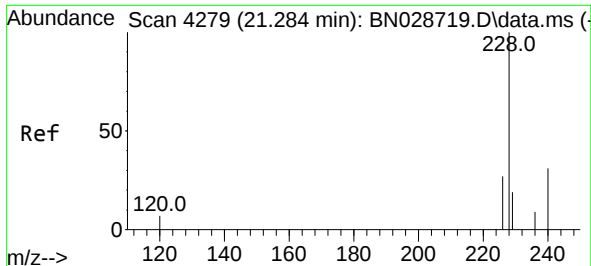


#20
Pyrene
Concen: 0.563 ng/u1
RT: 19.517 min Scan# 3800
Delta R.T. 0.005 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41



Tgt Ion:202 Resp: 32718
Ion Ratio Lower Upper
202 100
101 14.0 10.3 15.5
100 11.4 8.2 12.2

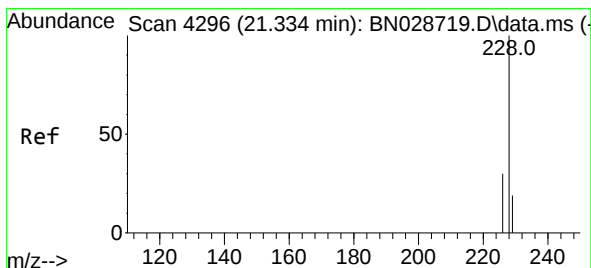
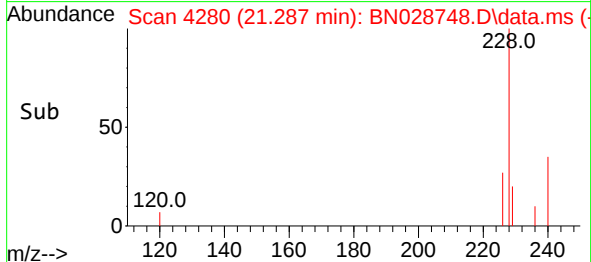
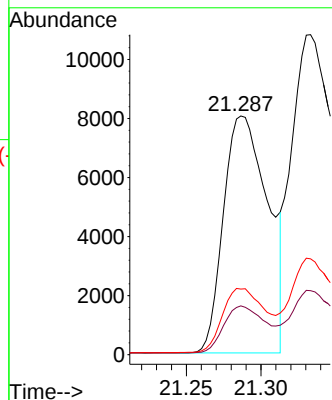
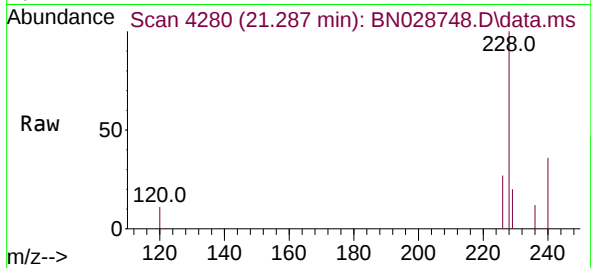




#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.287 min Scan# 4279
Delta R.T. 0.006 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

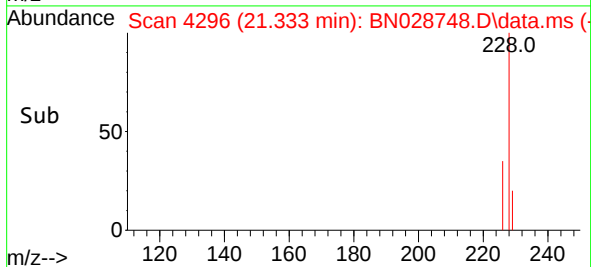
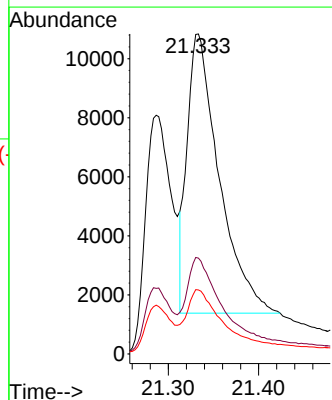
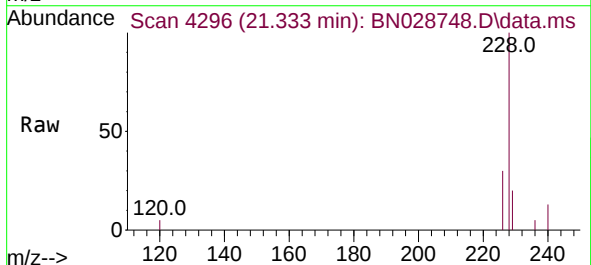
Instrument :
BNA_M
ClientSampleId :

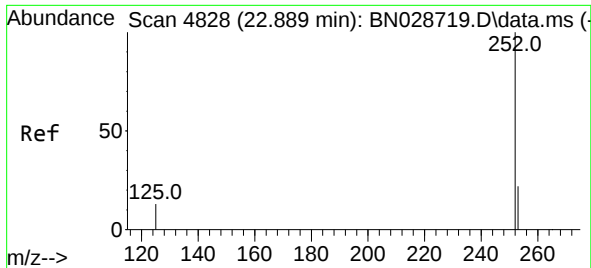
Tgt Ion:228 Resp: 16629
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.5 21.4 32.0



#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.333 min Scan# 4296
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Tgt Ion:228 Resp: 23292
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 20.0 15.4 23.2

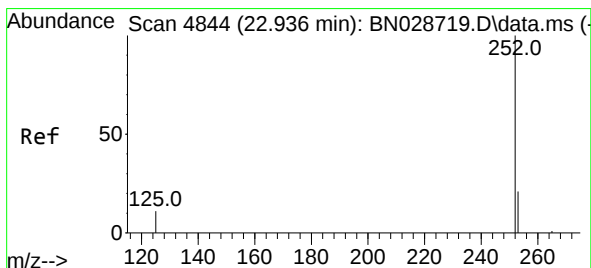
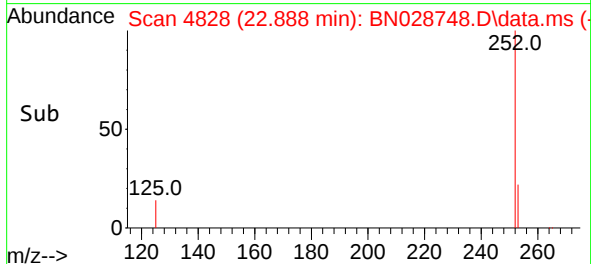
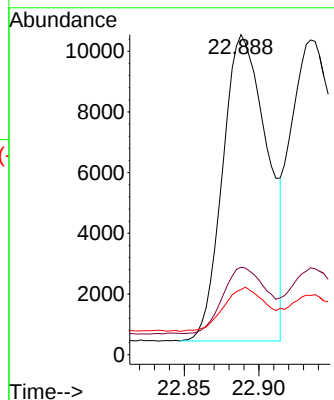
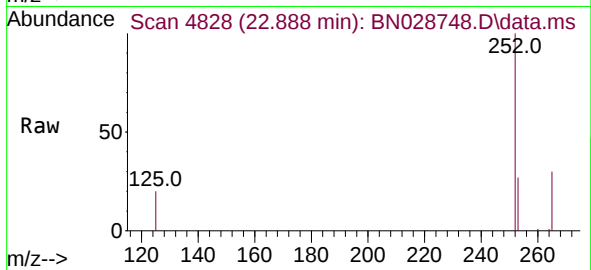




#24
Benzo(b)fluoranthene
Concen: 0.441 ng/ul
RT: 22.888 min Scan# 4828
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

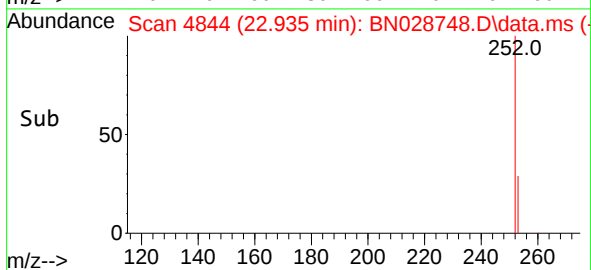
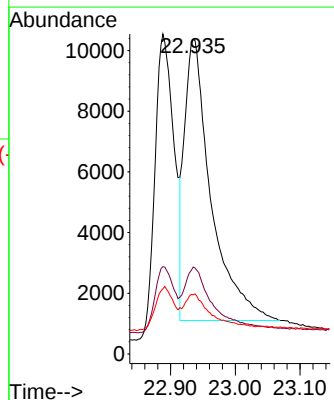
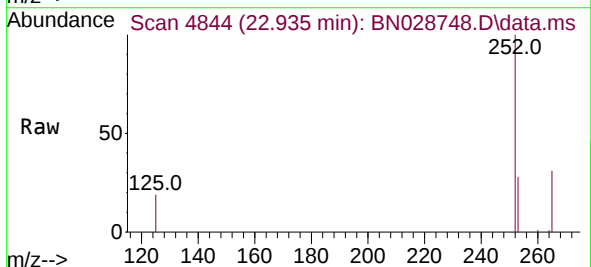
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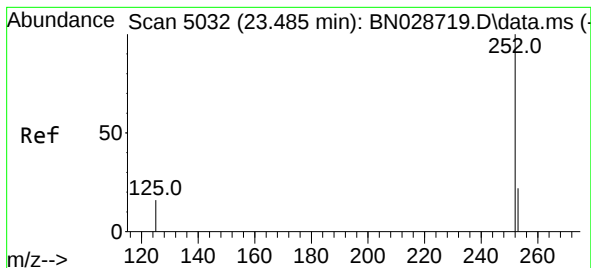
Tgt Ion:	252	Resp:	21062
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	46.6
125	20.4	0.0	27.6



#25
Benzo(k)fluoranthene
Concen: 0.529 ng/ul
RT: 22.935 min Scan# 4844
Delta R.T. 0.003 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Tgt Ion:	252	Resp:	26464
Ion Ratio	Lower	Upper	
252	100		
253	27.6	18.6	28.0
125	18.8	12.7	19.1





#26

Benzo(a)pyrene

Concen: 0.501 ng/ul

RT: 23.481 min Scan# 5032

Delta R.T. -0.000 min

Lab File: BN028748.D

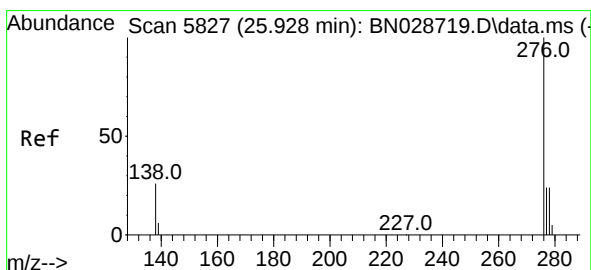
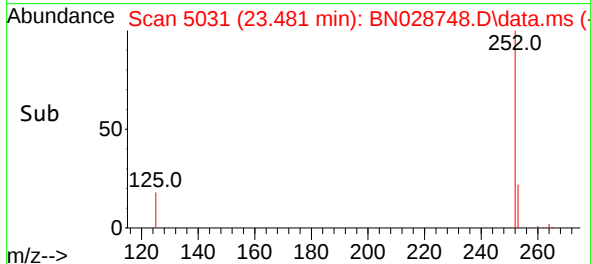
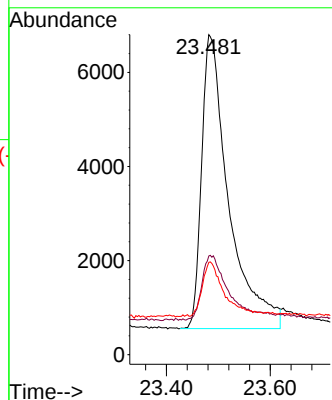
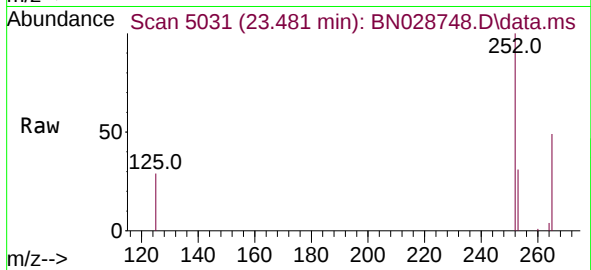
Acq: 18 Nov 2023 20:41

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:252	Resp:	22594
Ion Ratio	Lower	Upper
252	100	
253	30.8	19.0 28.6#
125	28.9	13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.548 ng/ul

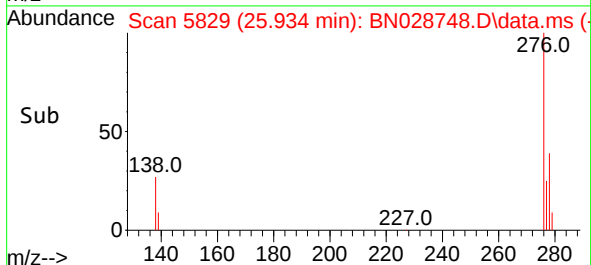
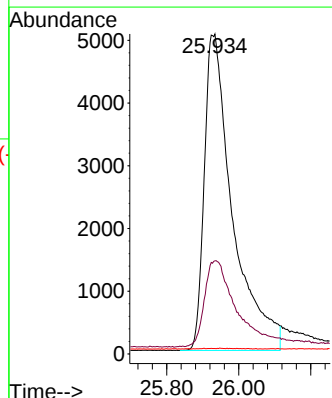
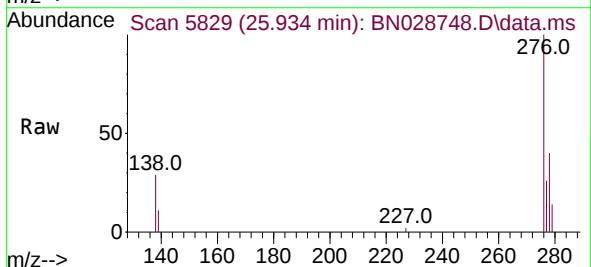
RT: 25.934 min Scan# 5829

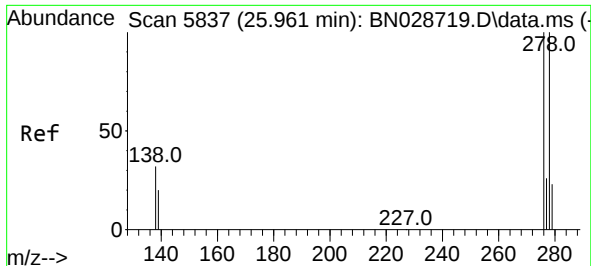
Delta R.T. 0.003 min

Lab File: BN028748.D

Acq: 18 Nov 2023 20:41

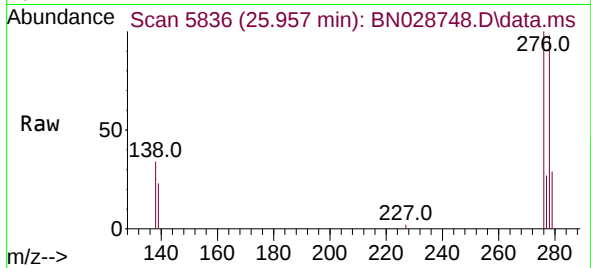
Tgt Ion:276	Resp:	27457
Ion Ratio	Lower	Upper
276	100	
138	30.5	23.8 35.6
227	0.0	0.1 0.1#



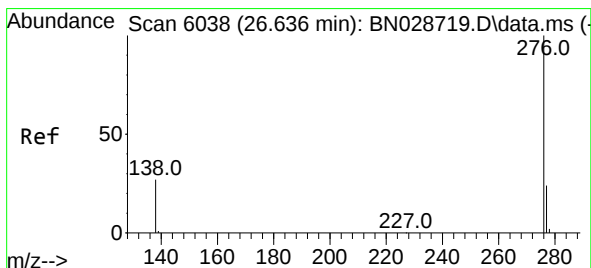
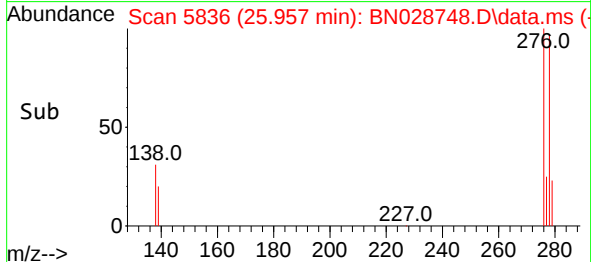
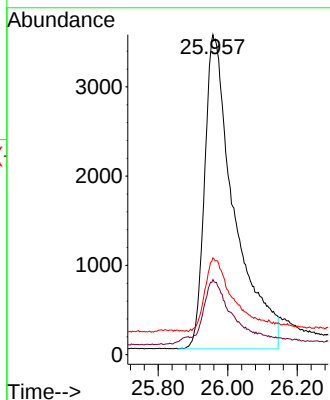


#28
Dibenzo(a,h)anthracene
Concen: 0.520 ng/ul
RT: 25.957 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Instrument :
BNA_M
ClientSampleId :



Tgt Ion: 278 Resp: 20808
Ion Ratio Lower Upper
278 100
139 23.5 18.2 27.4
279 30.2 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.605 ng/ul
RT: 26.638 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BN028748.D
Acq: 18 Nov 2023 20:41

Tgt Ion: 276 Resp: 24852
Ion Ratio Lower Upper
276 100
138 28.1 20.5 30.7
277 24.9 19.4 29.0

