

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
 Data File : BN028749.D
 Acq On : 18 Nov 2023 21:16
 Operator : MA/JU
 Sample : PB157218BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 18 23:05:04 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)

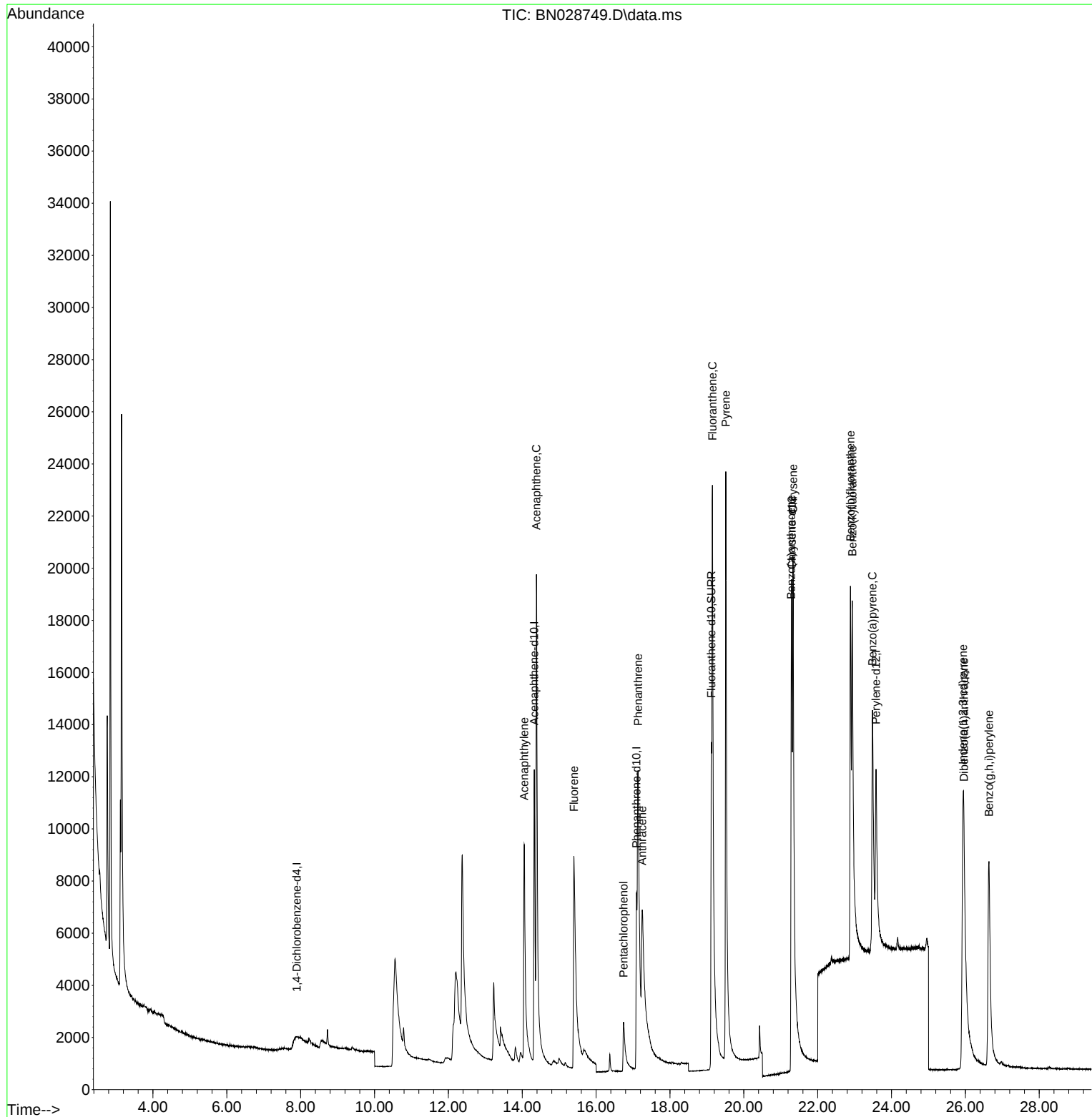
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	1683	0.400	ng/ul	# 0.10
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.49
9) Acenaphthene-d10	14.325	164	9795	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.094	188	14441	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.298	240	13331	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	11943	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	12.134	152	4745	0.000	ng/ul	0.02
18) Fluoranthene-d10	19.122	212	22501	0.525	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.052	152	21441	0.439	ng/ul	98
11) Acenaphthene	14.385	153	17863	0.497	ng/ul	98
12) Fluorene	15.398	166	15361	0.367	ng/ul	97
14) Pentachlorophenol	16.743	266	3092	0.892	ng/ul	100
15) Phenanthrene	17.136	178	23900	0.539	ng/ul	97
16) Anthracene	17.250	178	12697	0.312	ng/ul	95
19) Fluoranthene	19.150	202	30195	0.533	ng/ul	98
20) Pyrene	19.512	202	34602	0.589	ng/ul	95
21) Benzo(a)anthracene	21.284	228	17476	0.332	ng/ul	98
22) Chrysene	21.333	228	25899	0.503	ng/ul	100
24) Benzo(b)fluoranthene	22.888	252	21771	0.486	ng/ul	89
25) Benzo(k)fluoranthene	22.938	252	27122	0.578	ng/ul	93
26) Benzo(a)pyrene	23.485	252	22578	0.534	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.934	276	25934	0.552	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.964	278	19370	0.516	ng/ul	96
29) Benzo(g,h,i)perylene	26.638	276	23480	0.610	ng/ul	96

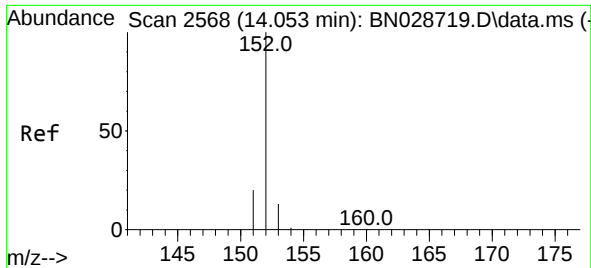
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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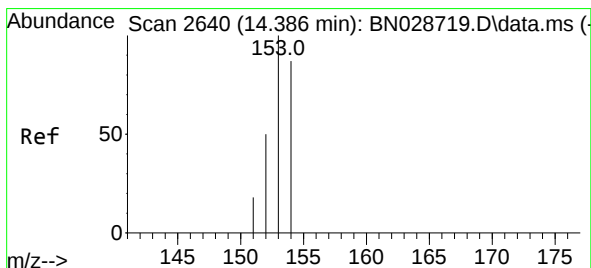
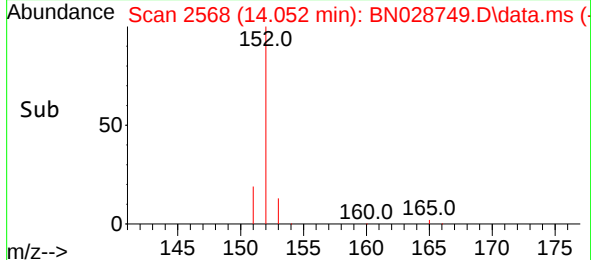
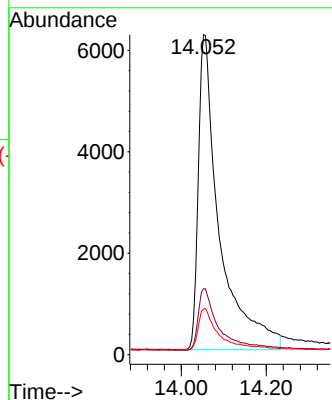
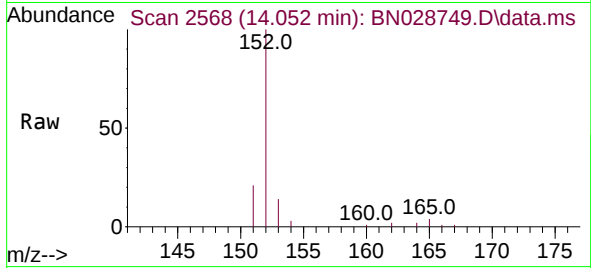




#10
Acenaphthylene
Concen: 0.439 ng/ul
RT: 14.052 min Scan# 21441
Delta R.T. 0.000 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

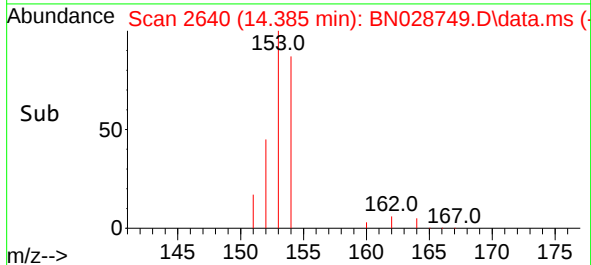
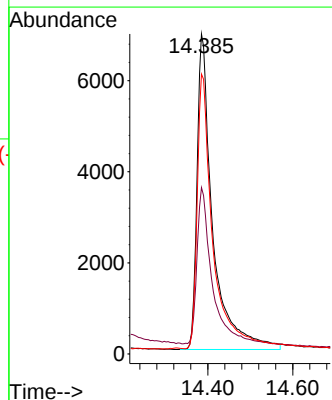
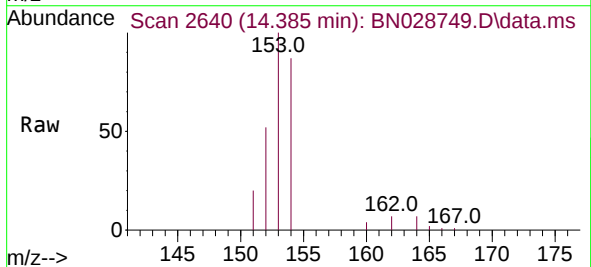
Instrument :
BNA_M
ClientSampleId :

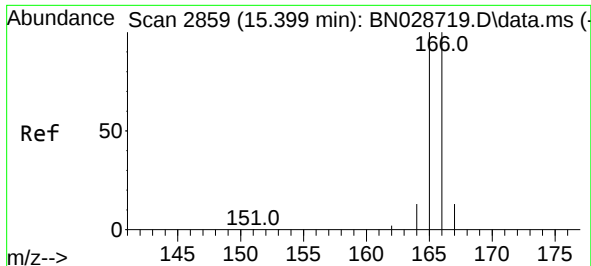
Tgt Ion:152	Resp:	21441
Ion Ratio	Lower	Upper
152	100	
151	20.6	16.1 24.1
153	14.2	10.6 15.8



#11
Acenaphthene
Concen: 0.497 ng/ul
RT: 14.385 min Scan# 2640
Delta R.T. -0.005 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

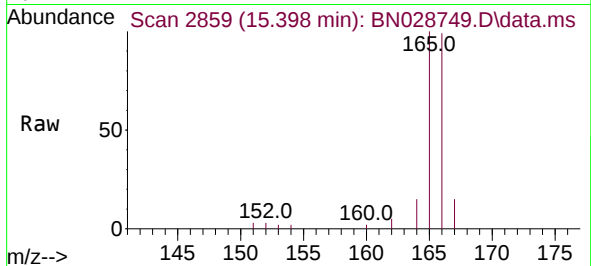
Tgt Ion:153	Resp:	17863
Ion Ratio	Lower	Upper
153	100	
152	52.0	39.6 59.4
154	87.4	71.0 106.6



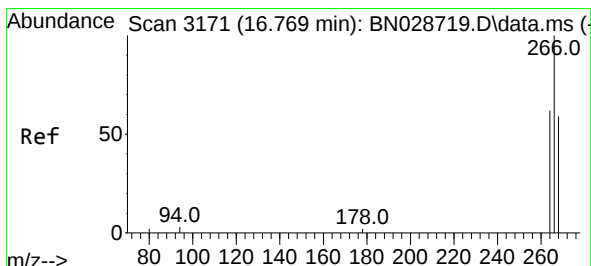
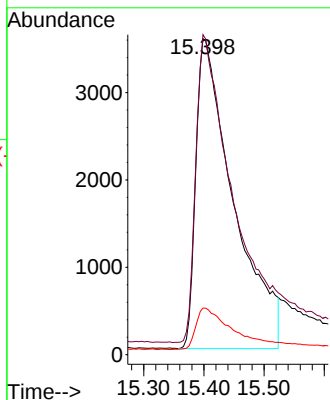
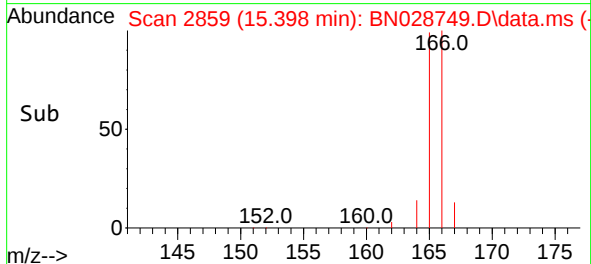


#12
Fluorene
Concen: 0.367 ng/ul
RT: 15.398 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

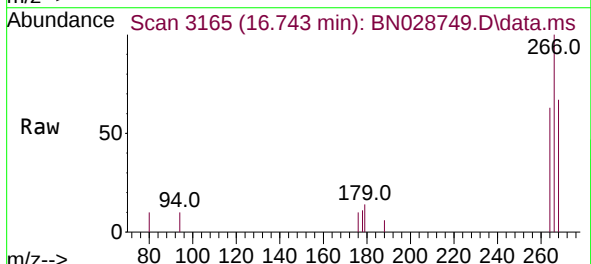
Instrument :
BNA_M
ClientSampleId :



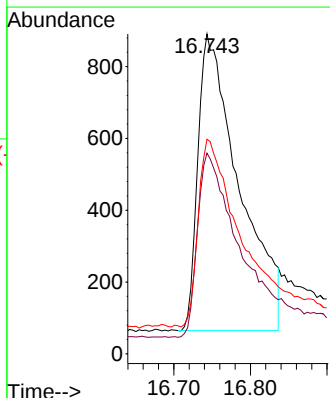
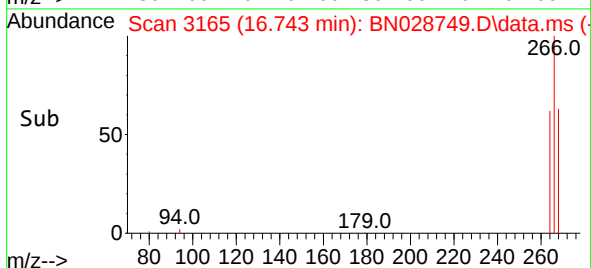
Tgt Ion:166 Resp: 15361
Ion Ratio Lower Upper
166 100
165 101.3 78.6 118.0
167 14.7 11.0 16.6

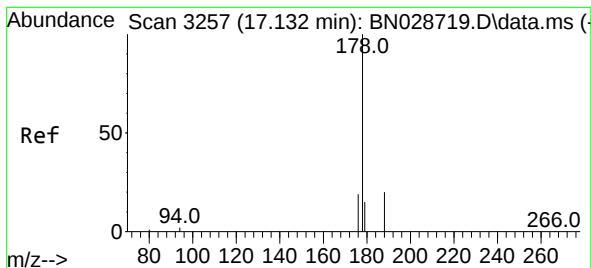


#14
Pentachlorophenol
Concen: 0.892 ng/ul
RT: 16.743 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16



Tgt Ion:266 Resp: 3092
Ion Ratio Lower Upper
266 100
264 62.7 50.1 75.1
268 63.6 50.6 75.8





#15

Phenanthrene

Concen: 0.539 ng/ul

RT: 17.136 min Scan# 31

Delta R.T. 0.004 min

Lab File: BN028749.D

Acq: 18 Nov 2023 21:16

Instrument :

BNA_M

ClientSampleId :

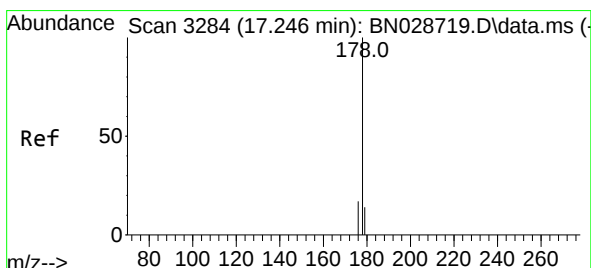
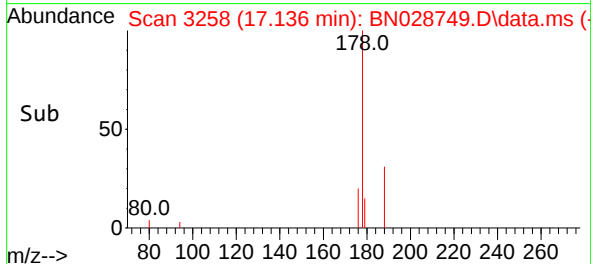
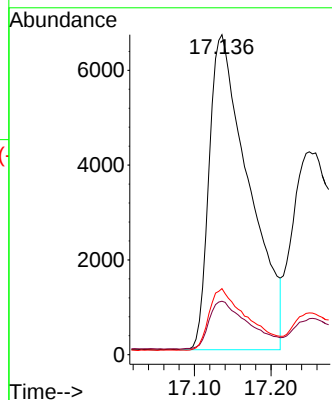
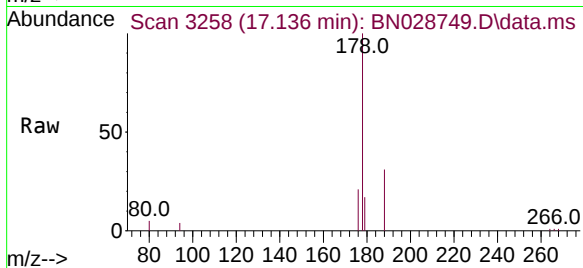
Tgt Ion:178 Resp: 23900

Ion Ratio Lower Upper

178 100

179 16.7 12.4 18.6

176 20.6 15.4 23.2



#16

Anthracene

Concen: 0.312 ng/ul

RT: 17.250 min Scan# 3285

Delta R.T. 0.013 min

Lab File: BN028749.D

Acq: 18 Nov 2023 21:16

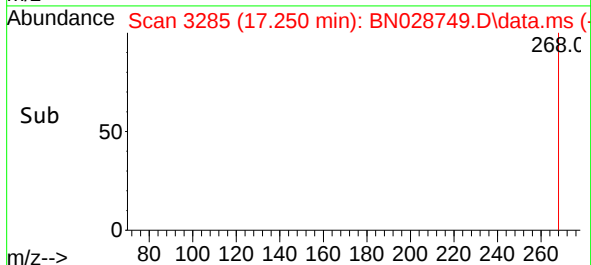
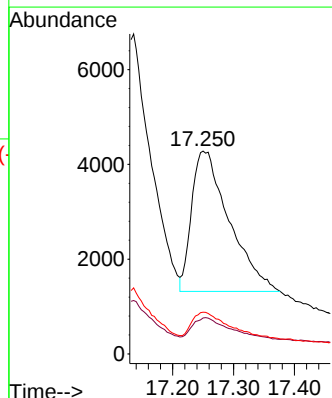
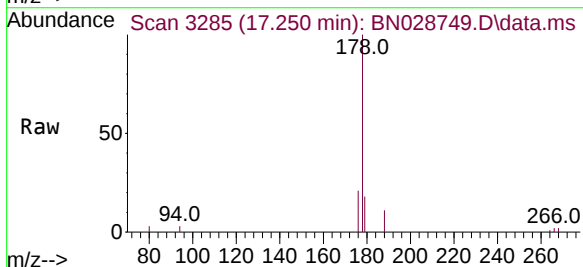
Tgt Ion:178 Resp: 12697

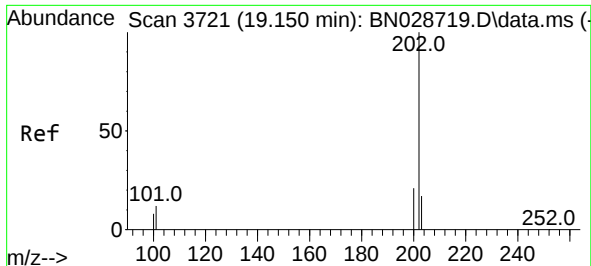
Ion Ratio Lower Upper

178 100

179 17.7 12.6 18.8

176 20.5 14.9 22.3

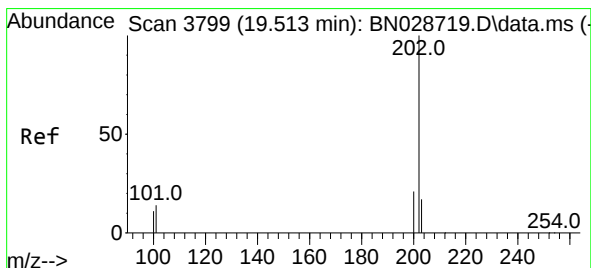
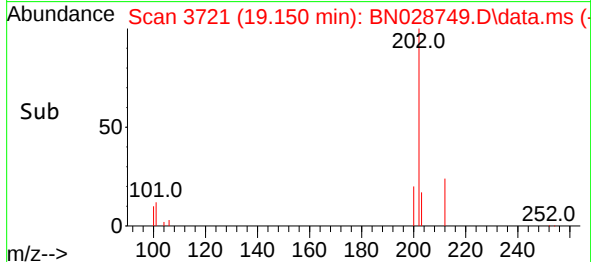
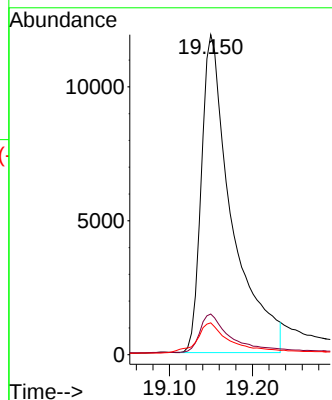
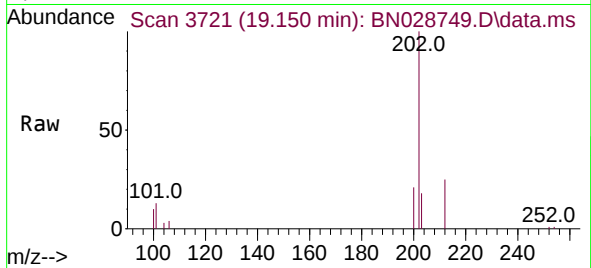




#19
Fluoranthene
Concen: 0.533 ng/u1
RT: 19.150 min Scan# 3721
Delta R.T. 0.000 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

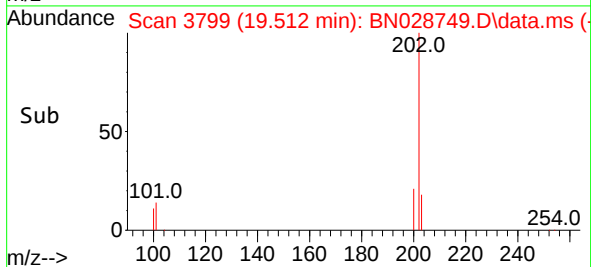
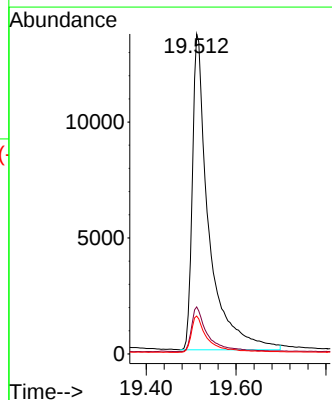
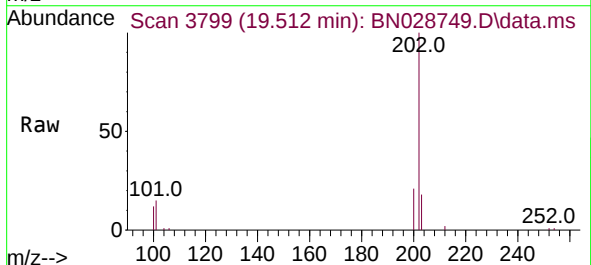
Instrument :
BNA_M
ClientSampleId :

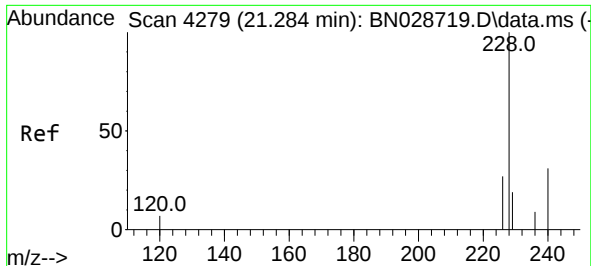
Tgt Ion:202 Resp: 30195
Ion Ratio Lower Upper
202 100
101 12.7 9.5 14.3
100 10.0 7.2 10.8



#20
Pyrene
Concen: 0.589 ng/u1
RT: 19.512 min Scan# 3799
Delta R.T. 0.000 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

Tgt Ion:202 Resp: 34602
Ion Ratio Lower Upper
202 100
101 14.7 10.3 15.5
100 11.8 8.2 12.2

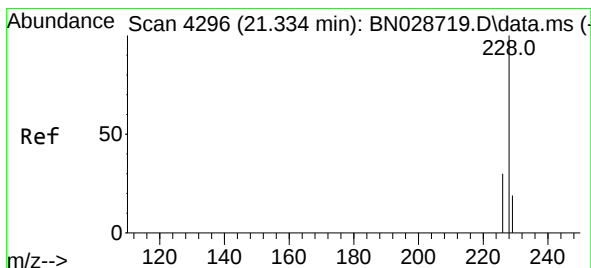
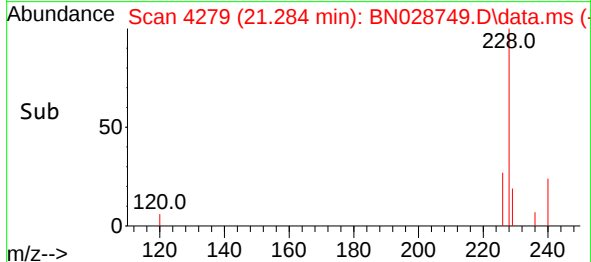
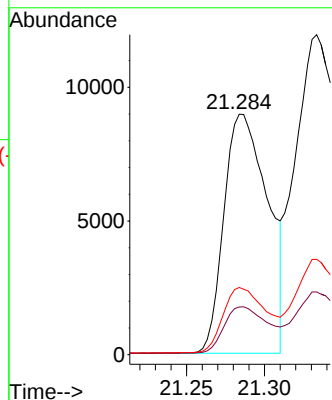
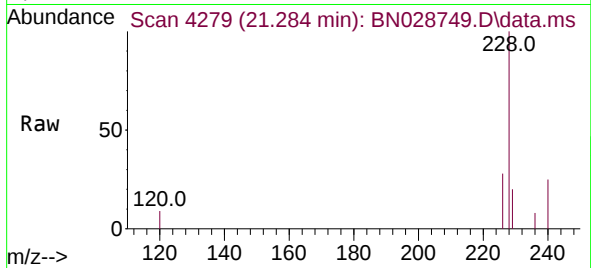




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.284 min Scan# 4279
Delta R.T. 0.003 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

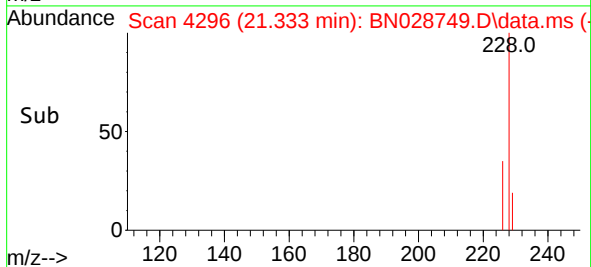
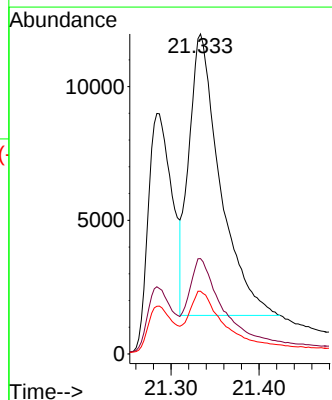
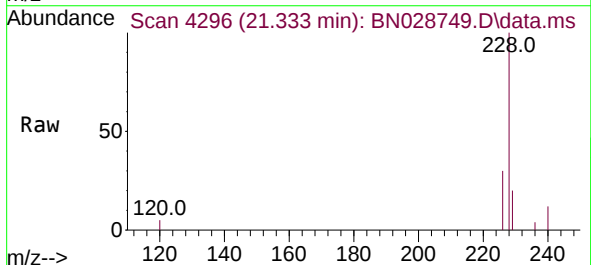
Instrument :
BNA_M
ClientSampleId :

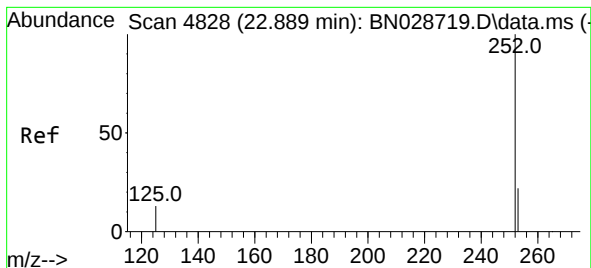
Tgt Ion:228 Resp: 17476
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 28.0 21.4 32.0



#22
Chrysene
Concen: 0.503 ng/ul
RT: 21.333 min Scan# 4296
Delta R.T. 0.000 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

Tgt Ion:228 Resp: 25899
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.8
229 19.6 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.486 ng/ul

RT: 22.888 min Scan# 4828

Delta R.T. 0.000 min

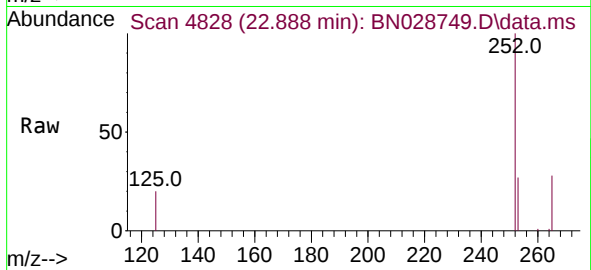
Lab File: BN028749.D

Acq: 18 Nov 2023 21:16

Instrument :

BNA_M

ClientSampleId :



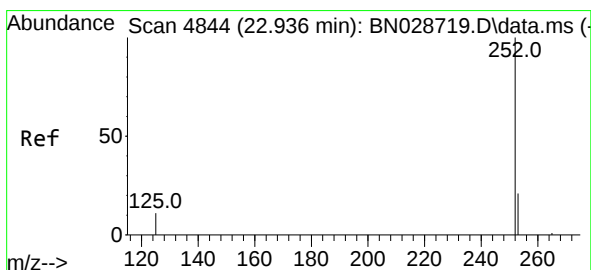
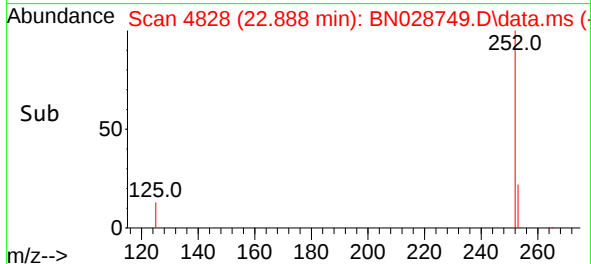
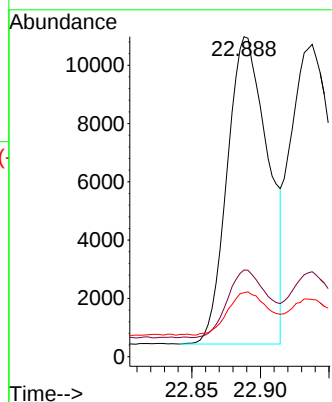
Tgt Ion:252 Resp: 21771

Ion Ratio Lower Upper

252 100

253 27.1 0.0 46.6

125 20.0 0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.578 ng/ul

RT: 22.938 min Scan# 4845

Delta R.T. 0.006 min

Lab File: BN028749.D

Acq: 18 Nov 2023 21:16

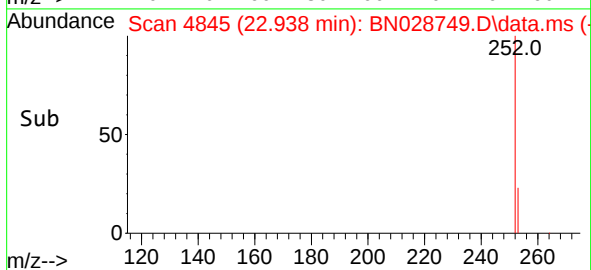
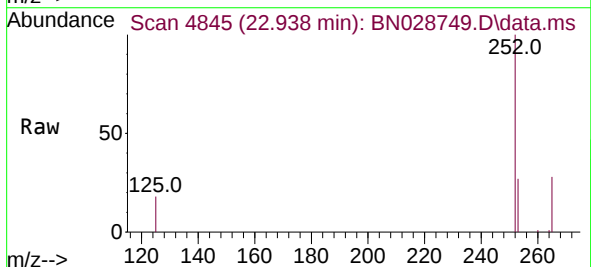
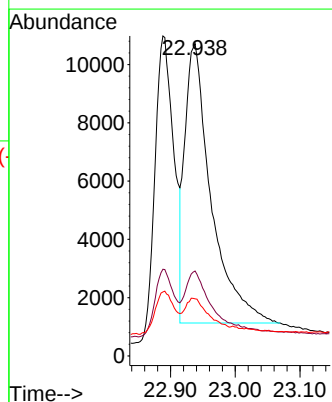
Tgt Ion:252 Resp: 27122

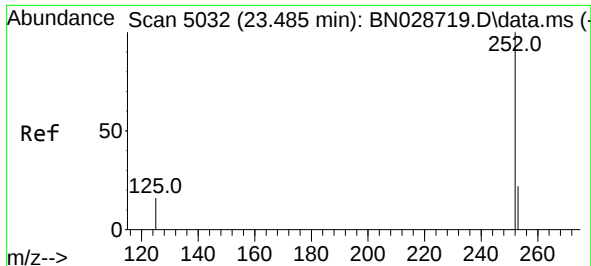
Ion Ratio Lower Upper

252 100

253 27.2 18.6 28.0

125 18.3 12.7 19.1

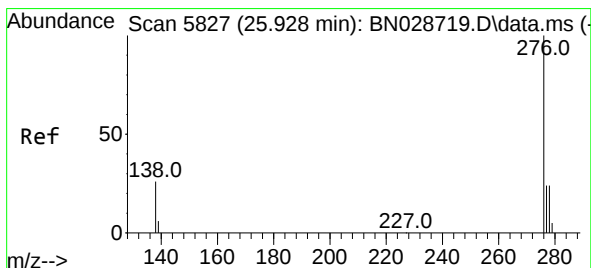
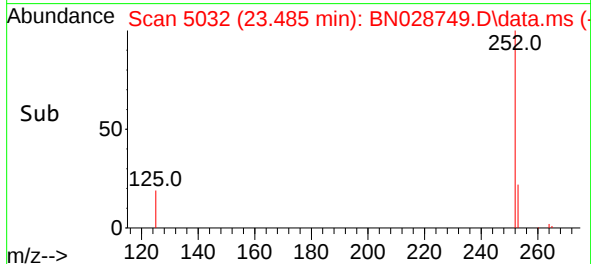
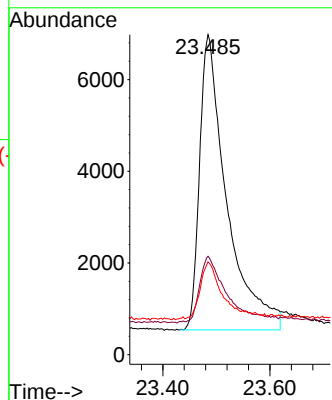
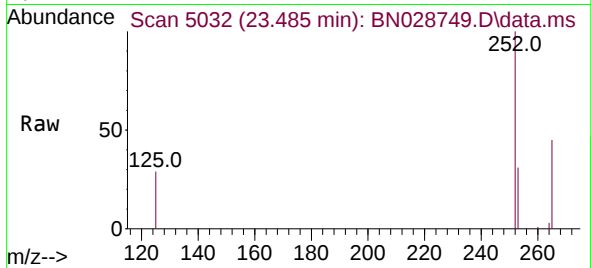




#26
Benzo(a)pyrene
Concen: 0.534 ng/ul
RT: 23.485 min Scan# 5032
Delta R.T. 0.003 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

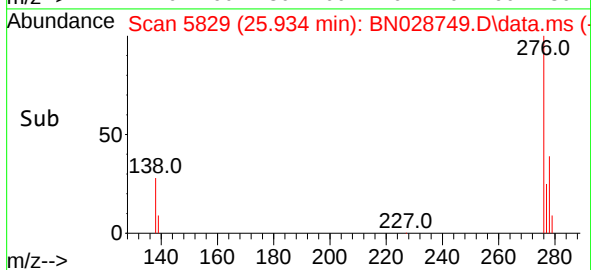
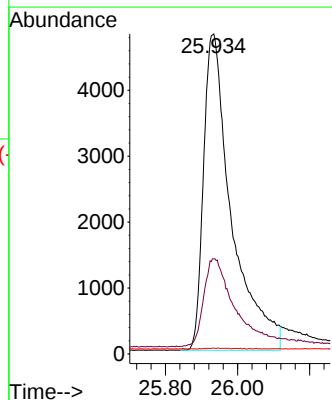
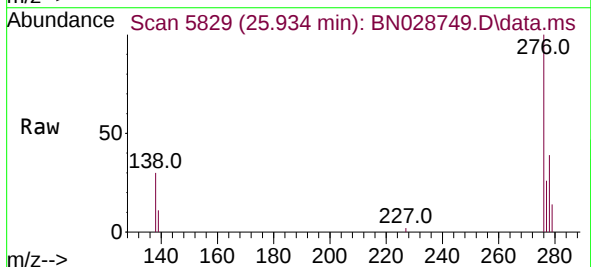
Instrument :
BNA_M
ClientSampleId :

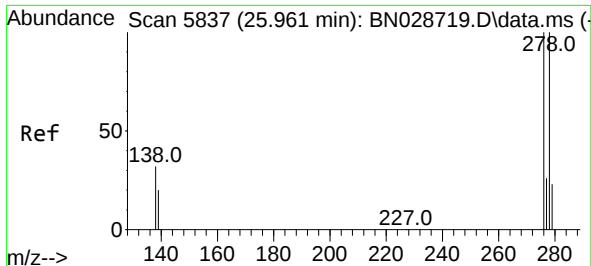
Tgt Ion:252 Resp: 22578
Ion Ratio Lower Upper
252 100
253 30.7 19.0 28.6#
125 29.0 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.552 ng/ul
RT: 25.934 min Scan# 5829
Delta R.T. 0.003 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

Tgt Ion:276 Resp: 25934
Ion Ratio Lower Upper
276 100
138 30.8 23.8 35.6
227 0.0 0.1 0.1#

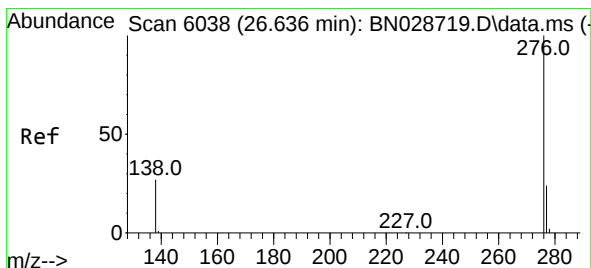
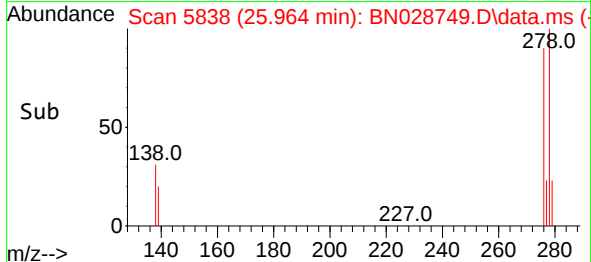
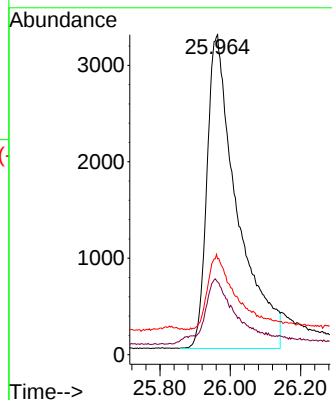
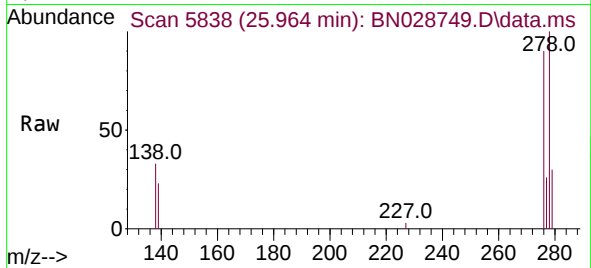




#28
Dibenzo(a,h)anthracene
Concen: 0.516 ng/ul
RT: 25.964 min Scan# 5837
Delta R.T. 0.007 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 19370
Ion Ratio Lower Upper
278 100
139 22.7 18.2 27.4
279 30.0 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.610 ng/ul
RT: 26.638 min Scan# 6039
Delta R.T. -0.003 min
Lab File: BN028749.D
Acq: 18 Nov 2023 21:16

Tgt Ion:276 Resp: 23480
Ion Ratio Lower Upper
276 100
138 28.6 20.5 30.7
277 25.2 19.4 29.0

