

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027538.D
 Acq On : 10 Sep 2023 13:34
 Operator : MA/JU
 Sample : 04268-03MS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 H0GH2MS

Quant Time: Sep 11 01:19:06 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

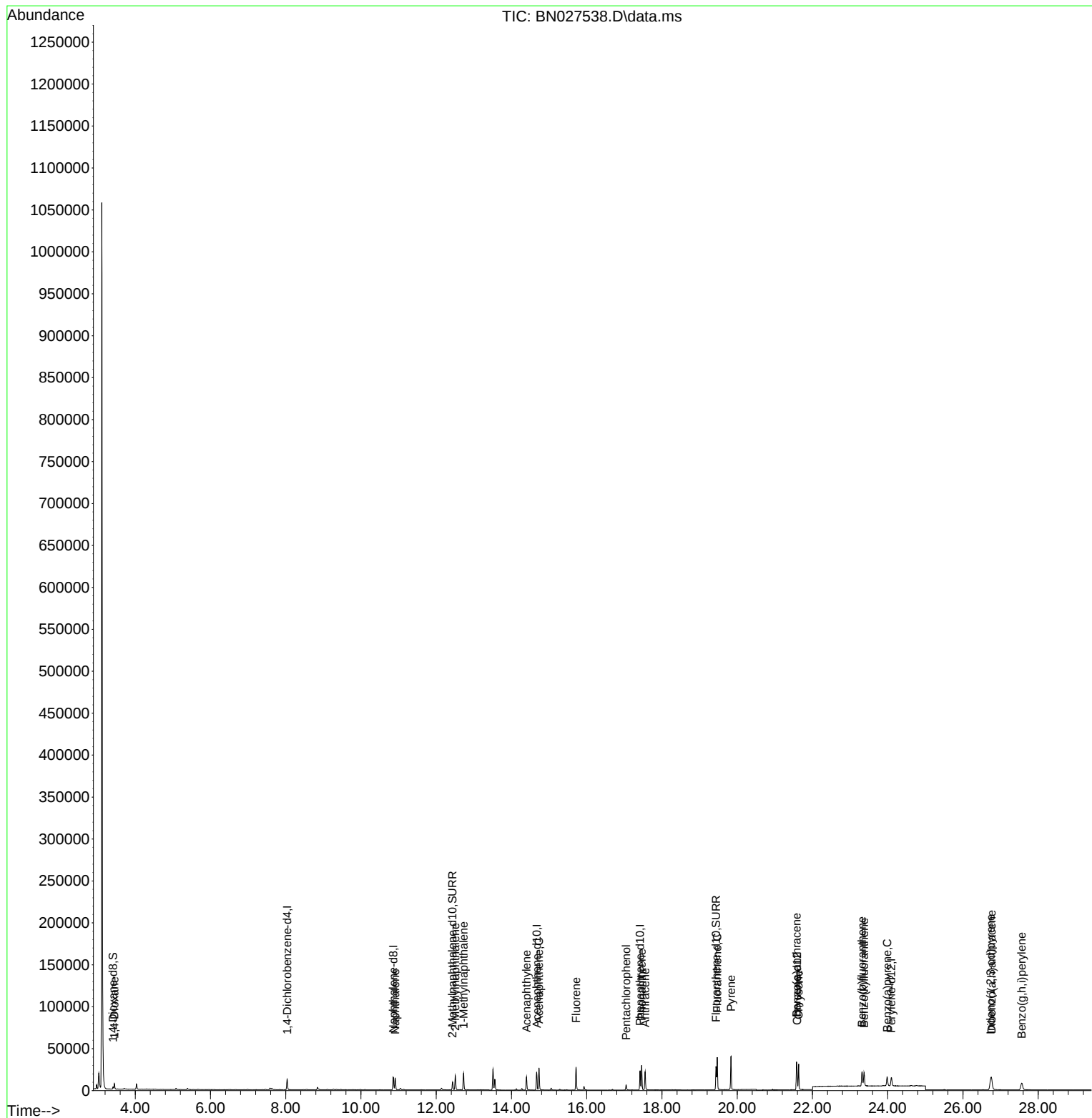
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	6444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.856	136	21718	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.670	164	12718	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.418	188	27405	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	18191	0.400	ng/ul	0.00
23) Perylene-d12	24.097	264	15392	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	1857	0.217	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	12097	0.367	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	30667	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	4945	0.570	ng/ul#	88
5) Naphthalene	10.911	128	18902	0.300	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	12547	0.318	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	13725	0.327	ng/ul	100
10) Acenaphthylene	14.398	152	19358	0.332	ng/ul	100
11) Acenaphthene	14.731	153	15732	0.314	ng/ul	98
12) Fluorene	15.716	166	18685	0.333	ng/ul	98
14) Pentachlorophenol	17.046	266	4442	0.831	ng/ul	99
15) Phenanthrene	17.460	178	31332	0.351	ng/ul	99
16) Anthracene	17.553	178	25270	0.356	ng/ul	99
19) Fluoranthene	19.469	202	34147	0.408	ng/ul	98
20) Pyrene	19.836	202	34610	0.406	ng/ul	96
21) Benzo(a)anthracene	21.577	228	27157	0.414	ng/ul	99
22) Chrysene	21.633	228	26952	0.352	ng/ul	99
24) Benzo(b)fluoranthene	23.316	252	24803	0.341	ng/ul	97
25) Benzo(k)fluoranthene	23.372	252	24034	0.338	ng/ul	97
26) Benzo(a)pyrene	23.986	252	18814	0.331	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.737	276	23644	0.375	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.760	278	19174	0.398	ng/ul	98
29) Benzo(g,h,i)perylene	27.562	276	20104	0.353	ng/ul	97

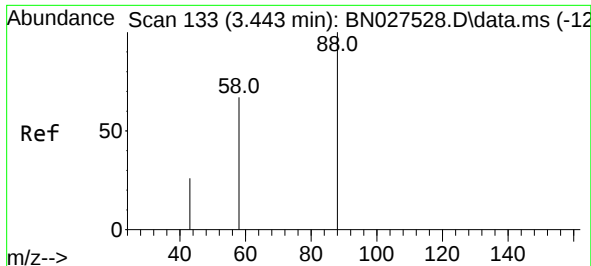
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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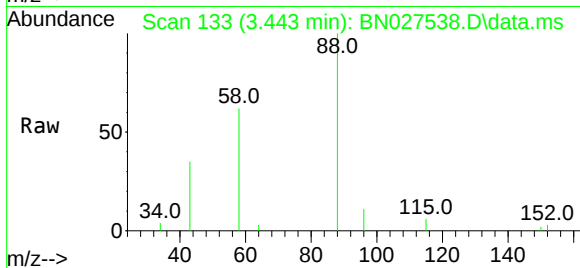
Quant Time: Sep 11 01:19:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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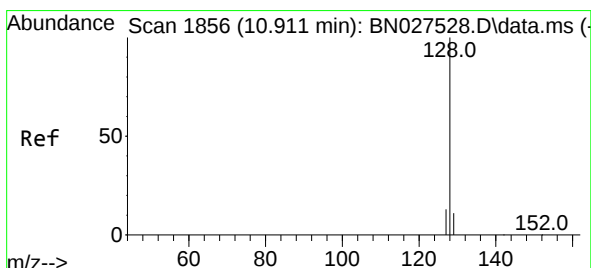
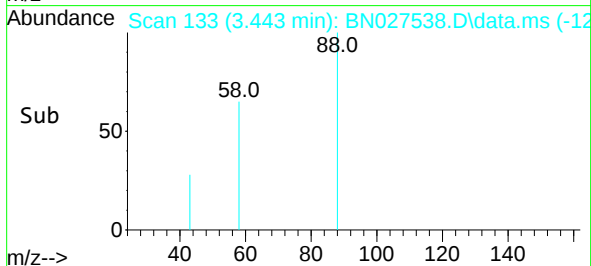
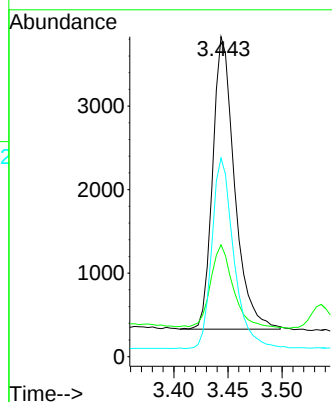


#2
1,4-Dioxane
Concen: 0.570 ng/ul
RT: 3.443 min Scan# 133
Delta R.T. -0.004 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

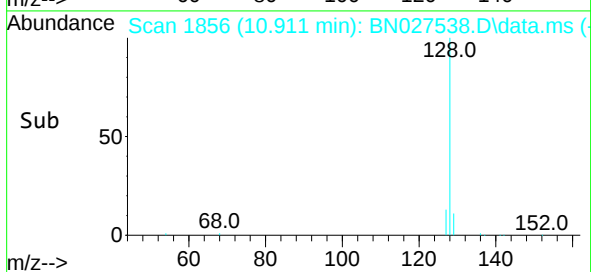
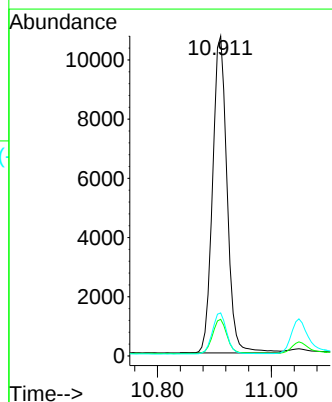
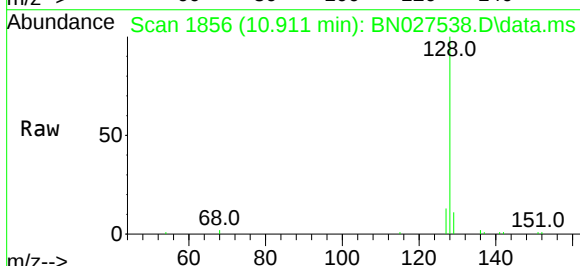


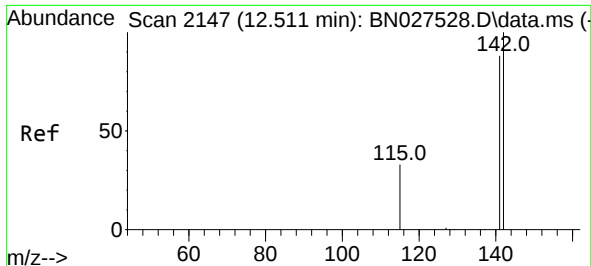
Tgt Ion: 88 Resp: 4945
Ion Ratio Lower Upper
88 100
43 34.9 26.8 40.2
58 62.0 39.9 59.9#



#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.911 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion: 128 Resp: 18902
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 10.6 16.0

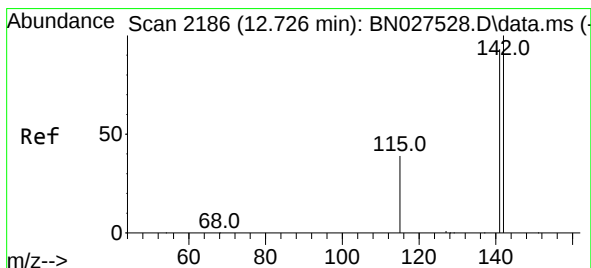
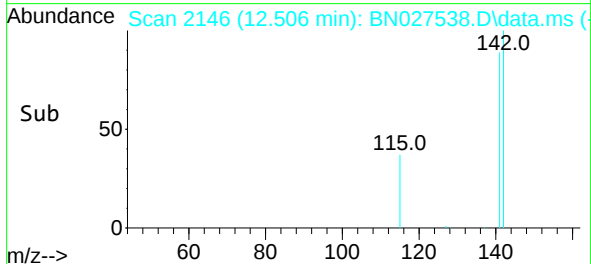
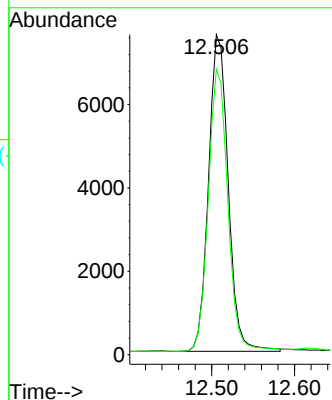
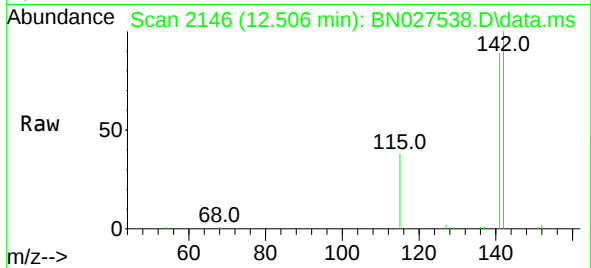




#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

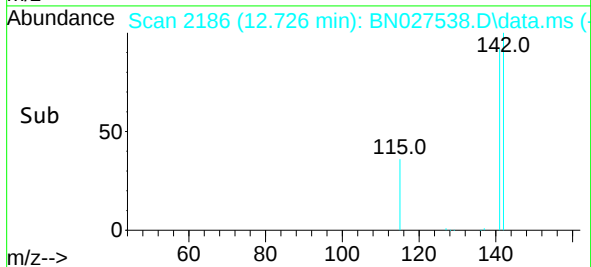
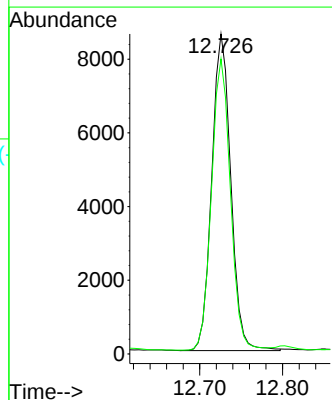
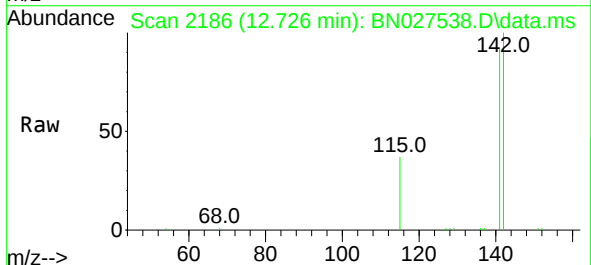
Instrument :
BNA_N
ClientSampleId :
H0GH2MS

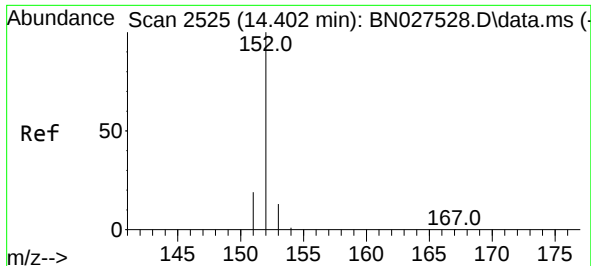
Tgt Ion:142 Resp: 12547
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:142 Resp: 13725
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

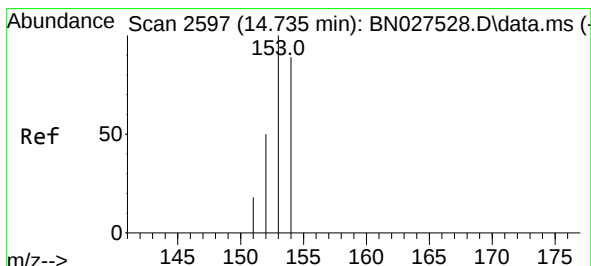
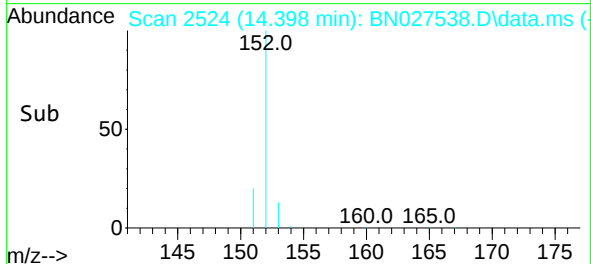
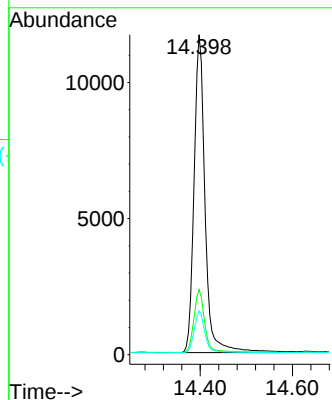
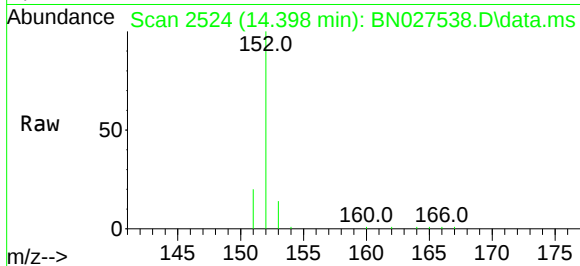




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.398 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

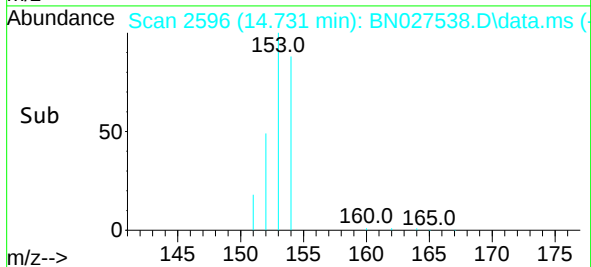
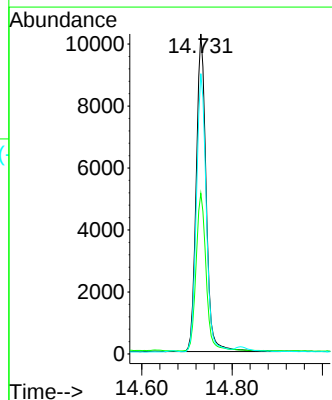
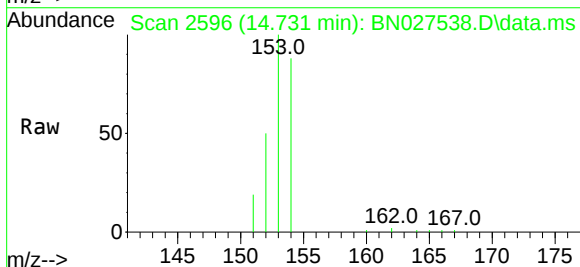
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BNA_N
ClientSampleId :
H0GH2MS

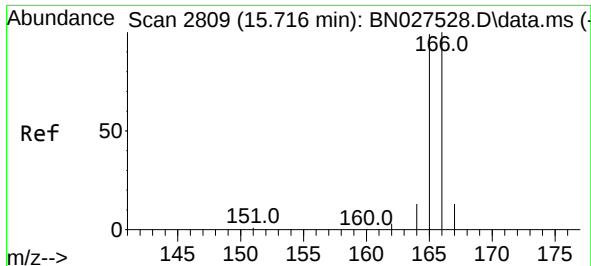
Tgt Ion:152 Resp: 19358
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.314 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:153 Resp: 15732
Ion Ratio Lower Upper
153 100
152 50.2 42.9 64.3
154 87.6 69.4 104.0

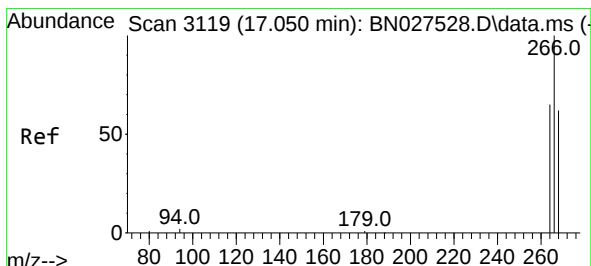
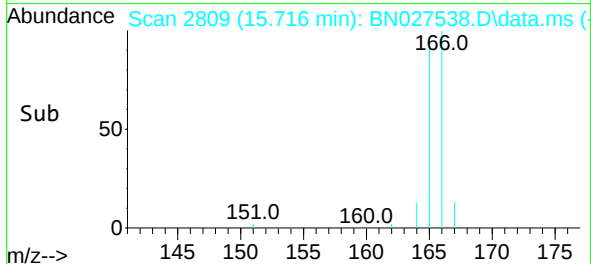
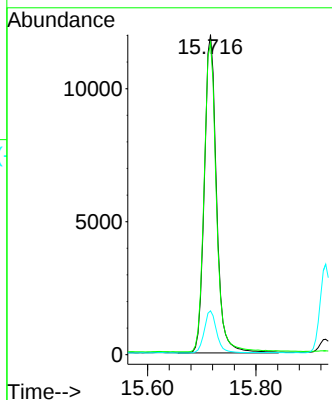
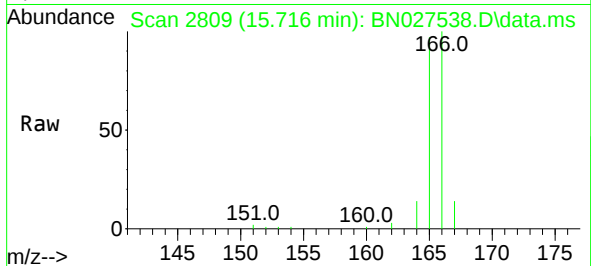




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.716 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

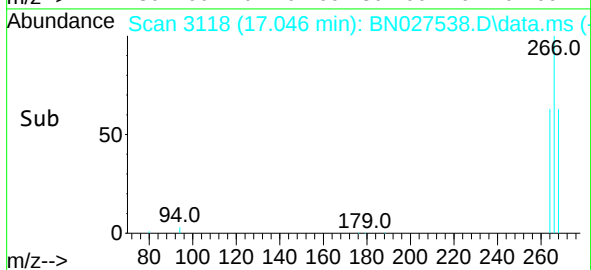
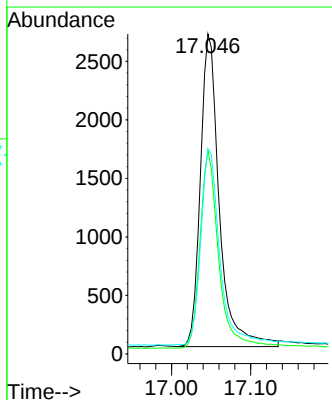
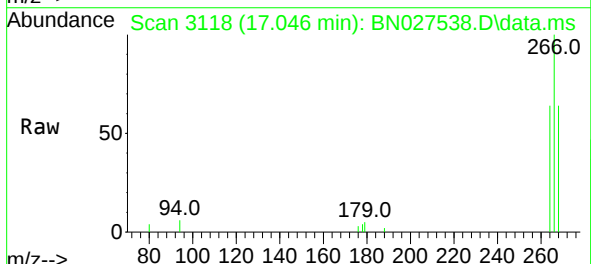
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BNA_N
ClientSampleId :
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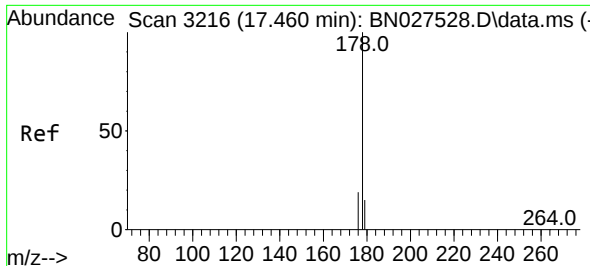
Tgt Ion:166 Resp: 18685
Ion Ratio Lower Upper
166 100
165 97.5 79.6 119.4
167 13.7 11.4 17.0



#14
Pentachlorophenol
Concen: 0.831 ng/ul
RT: 17.046 min Scan# 3118
Delta R.T. -0.013 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:266 Resp: 4442
Ion Ratio Lower Upper
266 100
264 62.2 50.4 75.6
268 63.6 51.9 77.9

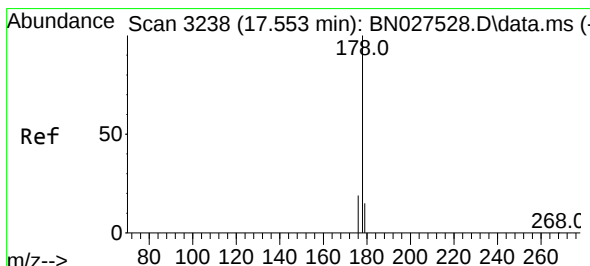
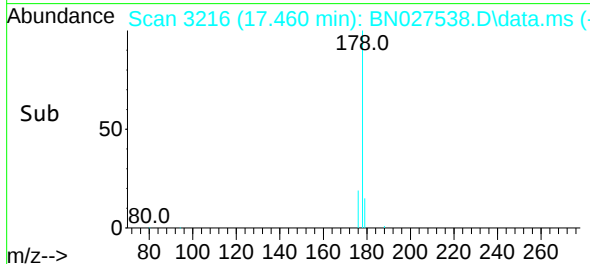
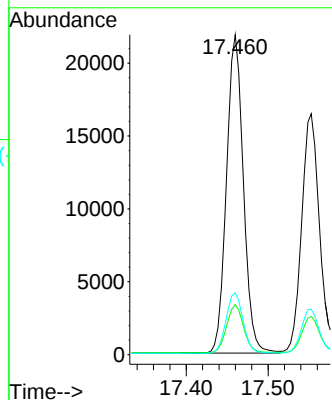
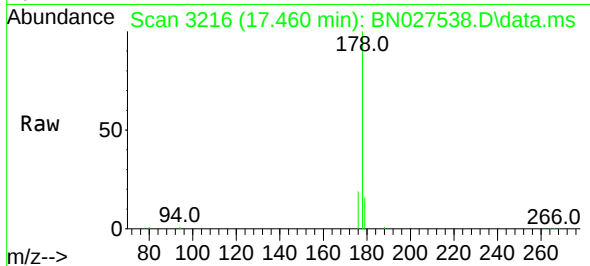




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.460 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

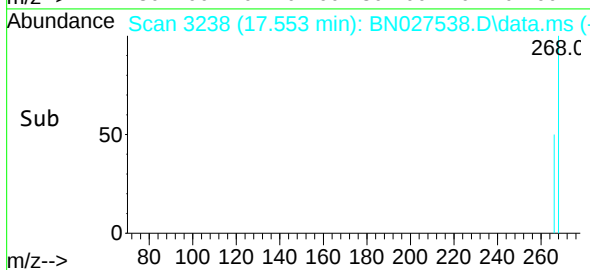
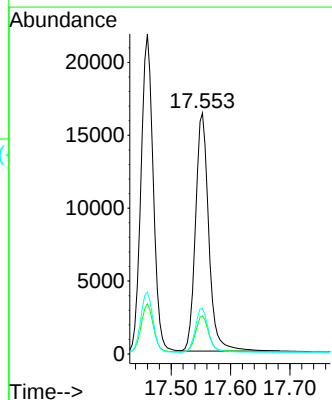
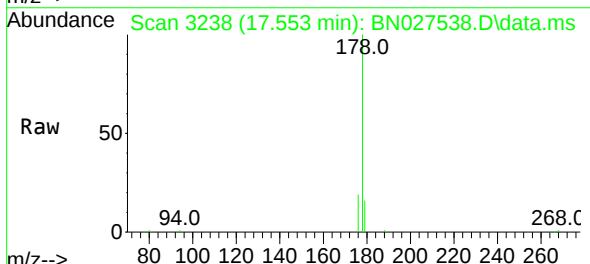
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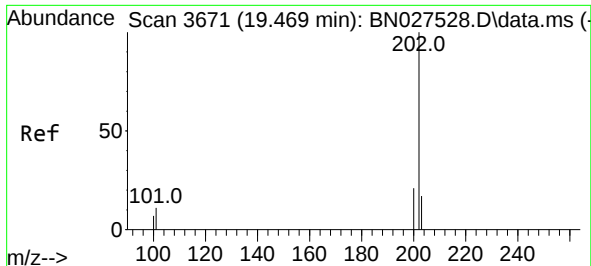
Tgt Ion:178 Resp: 31332
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.8 23.8



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.553 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:178 Resp: 25270
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.9 15.6 23.4





#19

Fluoranthene

Concen: 0.408 ng/ul

RT: 19.469 min Scan# 3671

Delta R.T. -0.009 min

Lab File: BN027538.D

Acq: 10 Sep 2023 13:34

Instrument :

BNA_N

ClientSampleId :

H0GH2MS

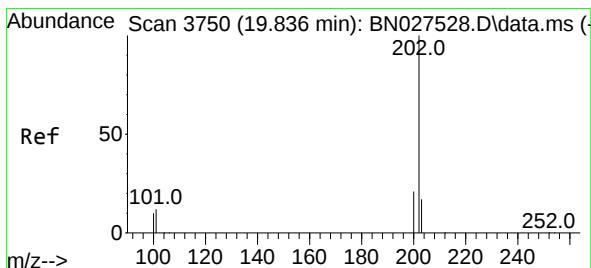
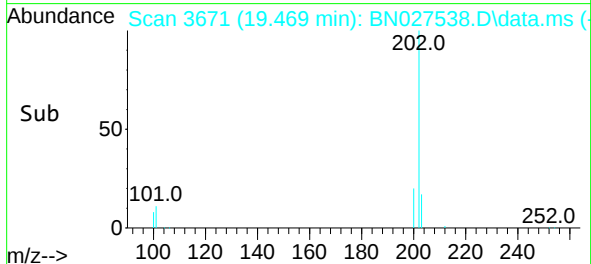
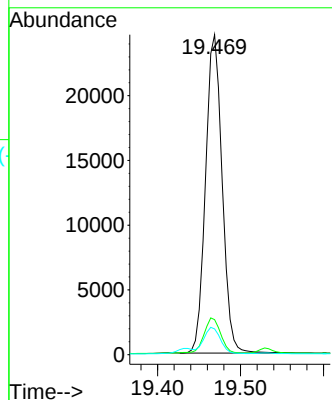
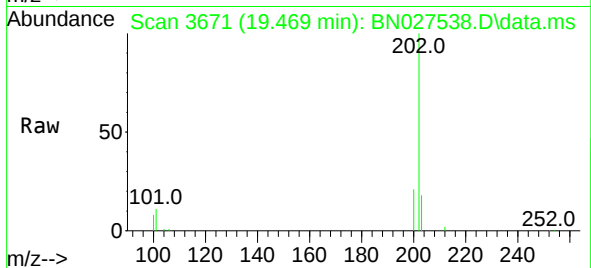
Tgt Ion:202 Resp: 34147

Ion Ratio Lower Upper

202 100

101 11.0 9.4 14.0

100 8.0 6.9 10.3



#20

Pyrene

Concen: 0.406 ng/ul

RT: 19.836 min Scan# 3750

Delta R.T. -0.005 min

Lab File: BN027538.D

Acq: 10 Sep 2023 13:34

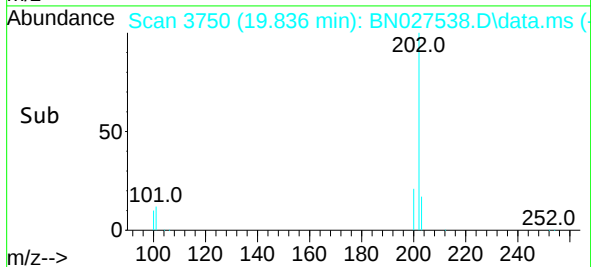
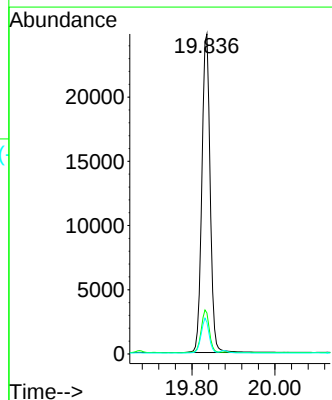
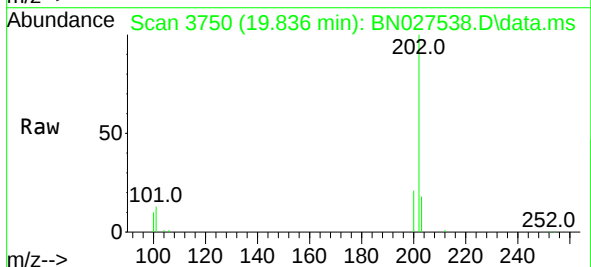
Tgt Ion:202 Resp: 34610

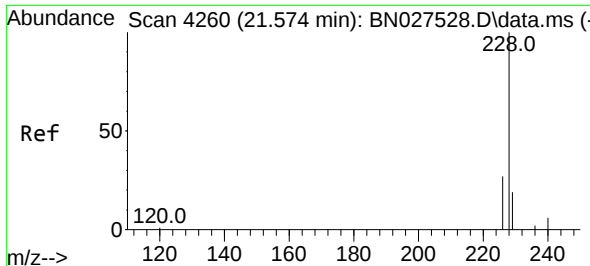
Ion Ratio Lower Upper

202 100

101 12.8 11.4 17.2

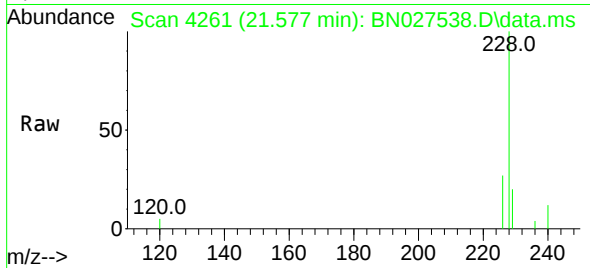
100 9.9 9.4 14.2



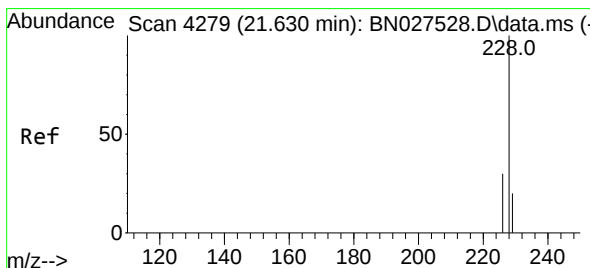
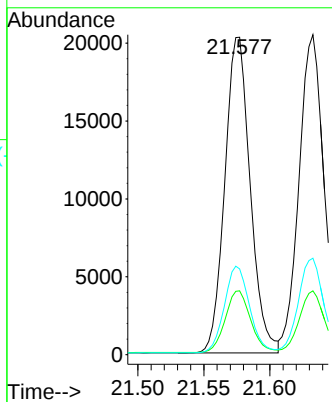
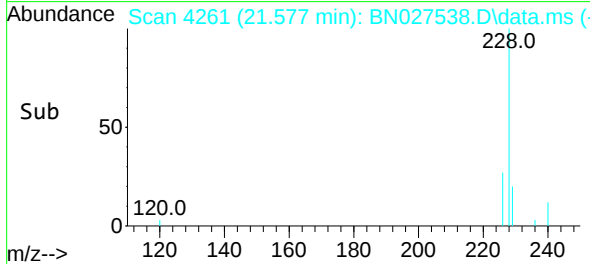


#21
Benzo(a)anthracene
Concen: 0.414 ng/ul
RT: 21.577 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
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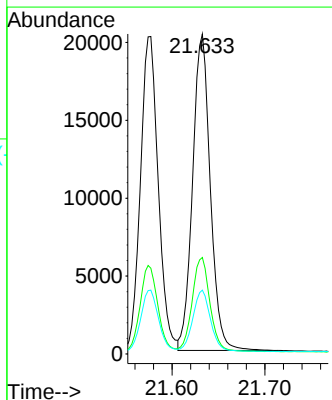
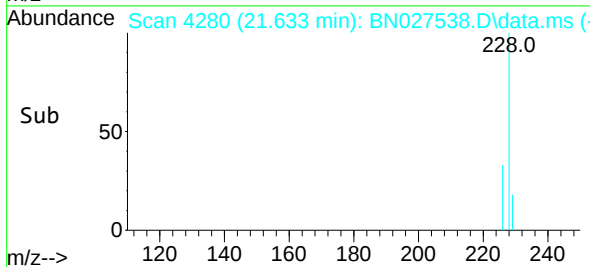
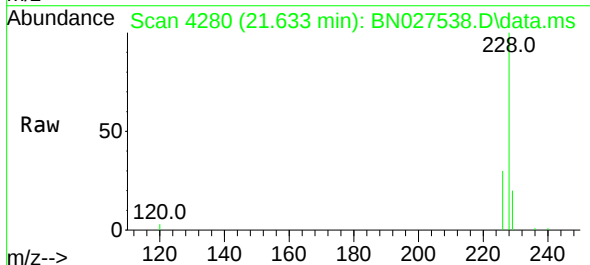


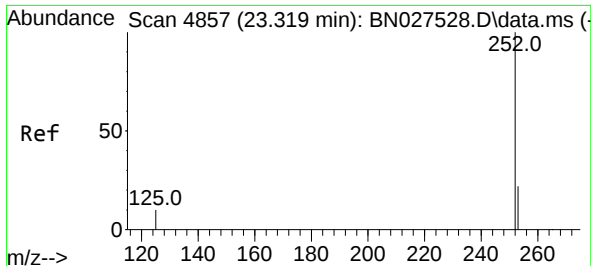
Tgt Ion:228 Resp: 27157
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.0 22.0 33.0



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.633 min Scan# 4280
Delta R.T. -0.003 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:228 Resp: 26952
Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 19.9 15.6 23.4

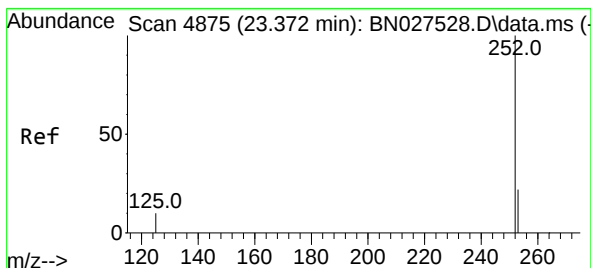
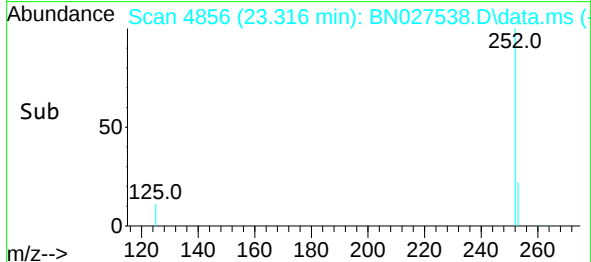
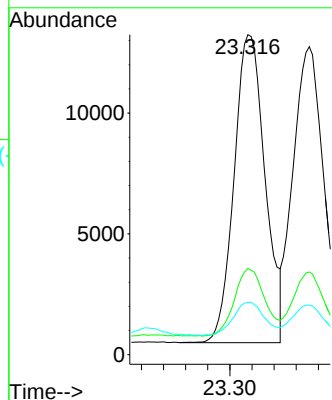
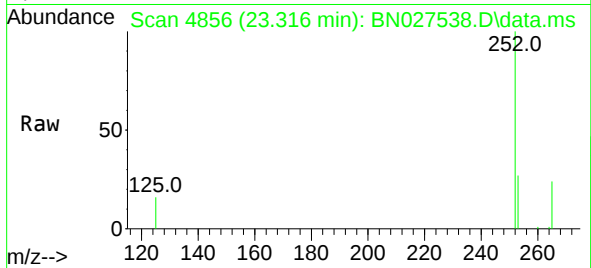




#24
Benzo(b)fluoranthene
Concen: 0.341 ng/ul
RT: 23.316 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

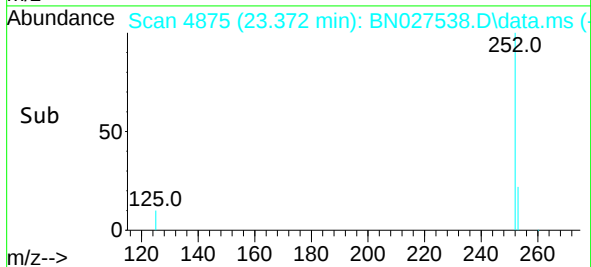
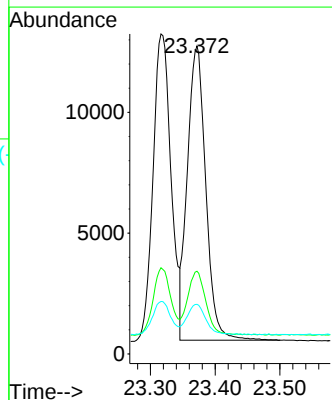
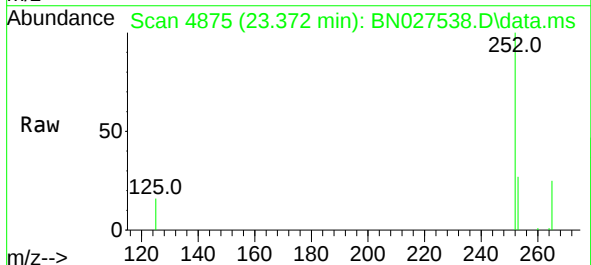
Instrument :
BNA_N
ClientSampleId :
H0GH2MS

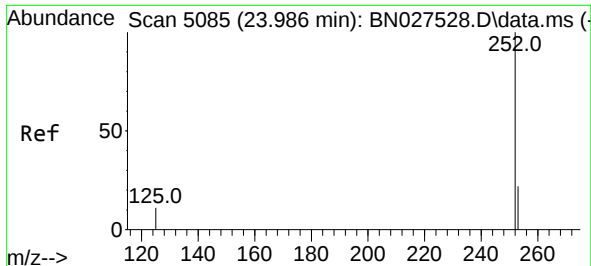
Tgt Ion:252 Resp: 24803
Ion Ratio Lower Upper
252 100
253 26.9 0.0 49.6
125 16.4 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.338 ng/ul
RT: 23.372 min Scan# 4875
Delta R.T. -0.006 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:252 Resp: 24034
Ion Ratio Lower Upper
252 100
253 26.8 19.9 29.9
125 16.1 13.6 20.4

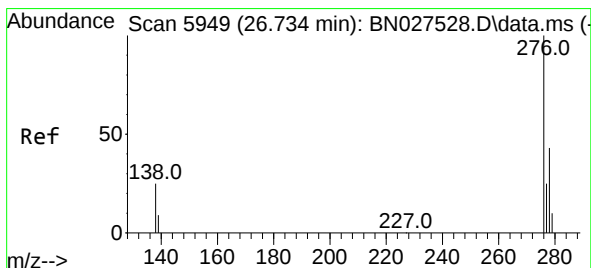
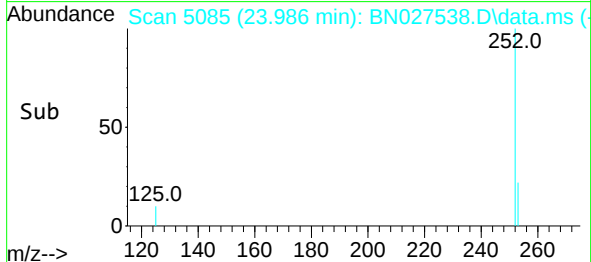
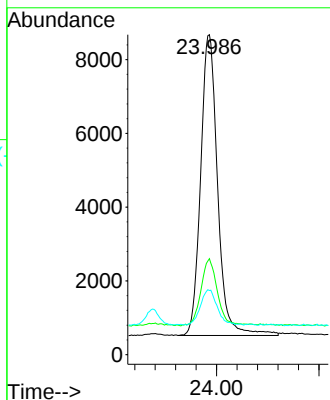
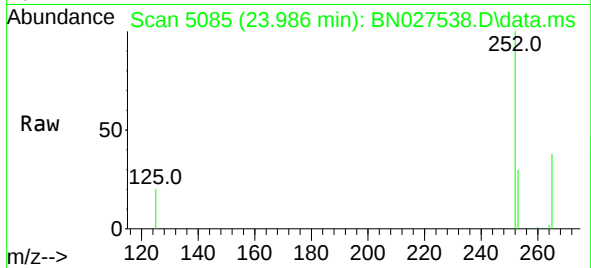




#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.986 min Scan# 5085
Delta R.T. -0.009 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

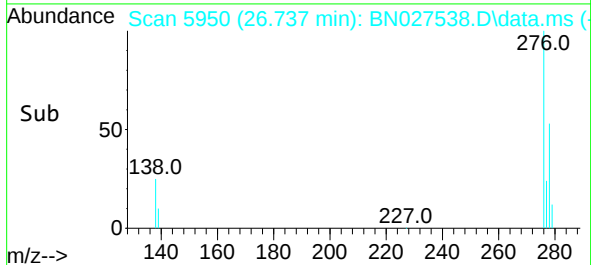
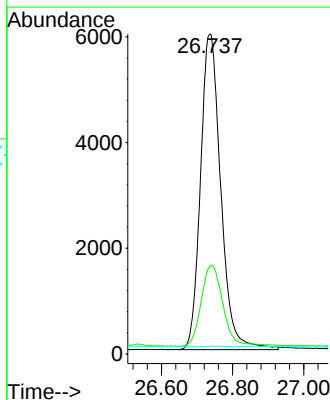
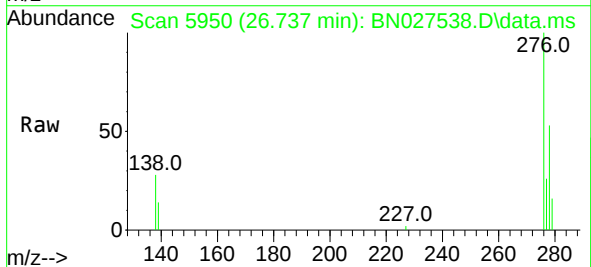
Instrument :
BNA_N
ClientSampleId :
H0GH2MS

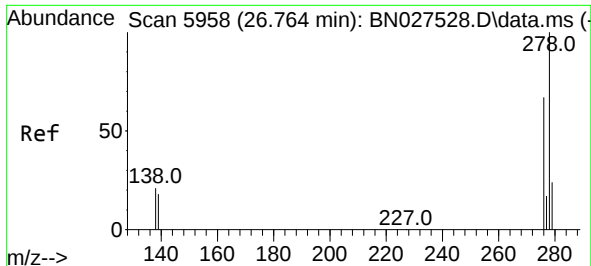
Tgt Ion:	252	Resp:	18814
Ion Ratio	Lower	Upper	
252	100		
253	30.0	22.4	33.6
125	20.1	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/ul
RT: 26.737 min Scan# 5950
Delta R.T. -0.017 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:	276	Resp:	23644
Ion Ratio	Lower	Upper	
276	100		
138	27.9	23.9	35.9
227	0.1	0.1	0.1

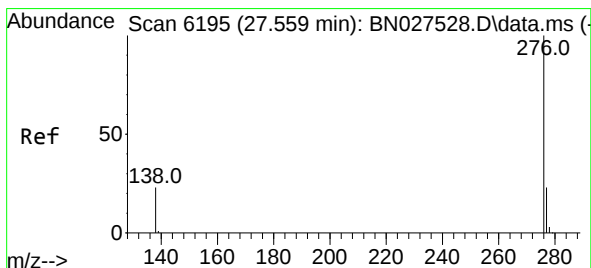
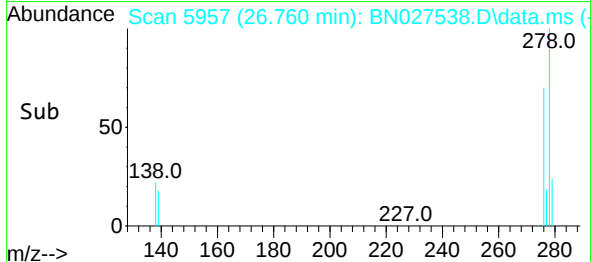
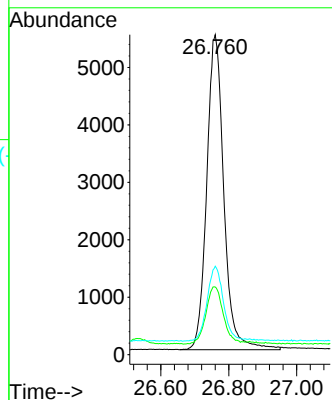
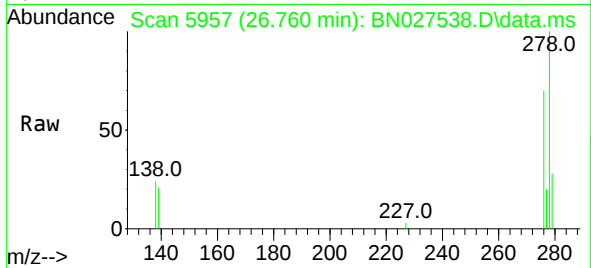




#28
Dibenzo(a,h)anthracene
Concen: 0.398 ng/ul
RT: 26.760 min Scan# 5958
Delta R.T. -0.017 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Instrument :
BNA_N
ClientSampleId :
H0GH2MS

Tgt Ion:278 Resp: 19174
Ion Ratio Lower Upper
278 100
139 21.1 18.0 27.0
279 27.6 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 27.562 min Scan# 6196
Delta R.T. -0.021 min
Lab File: BN027538.D
Acq: 10 Sep 2023 13:34

Tgt Ion:276 Resp: 20104
Ion Ratio Lower Upper
276 100
138 25.2 22.1 33.1
277 25.6 20.2 30.4

