

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027558.D
 Acq On : 11 Sep 2023 01:52
 Operator : MA/JU
 Sample : PB155344BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS344

Quant Time: Sep 11 02:22:03 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

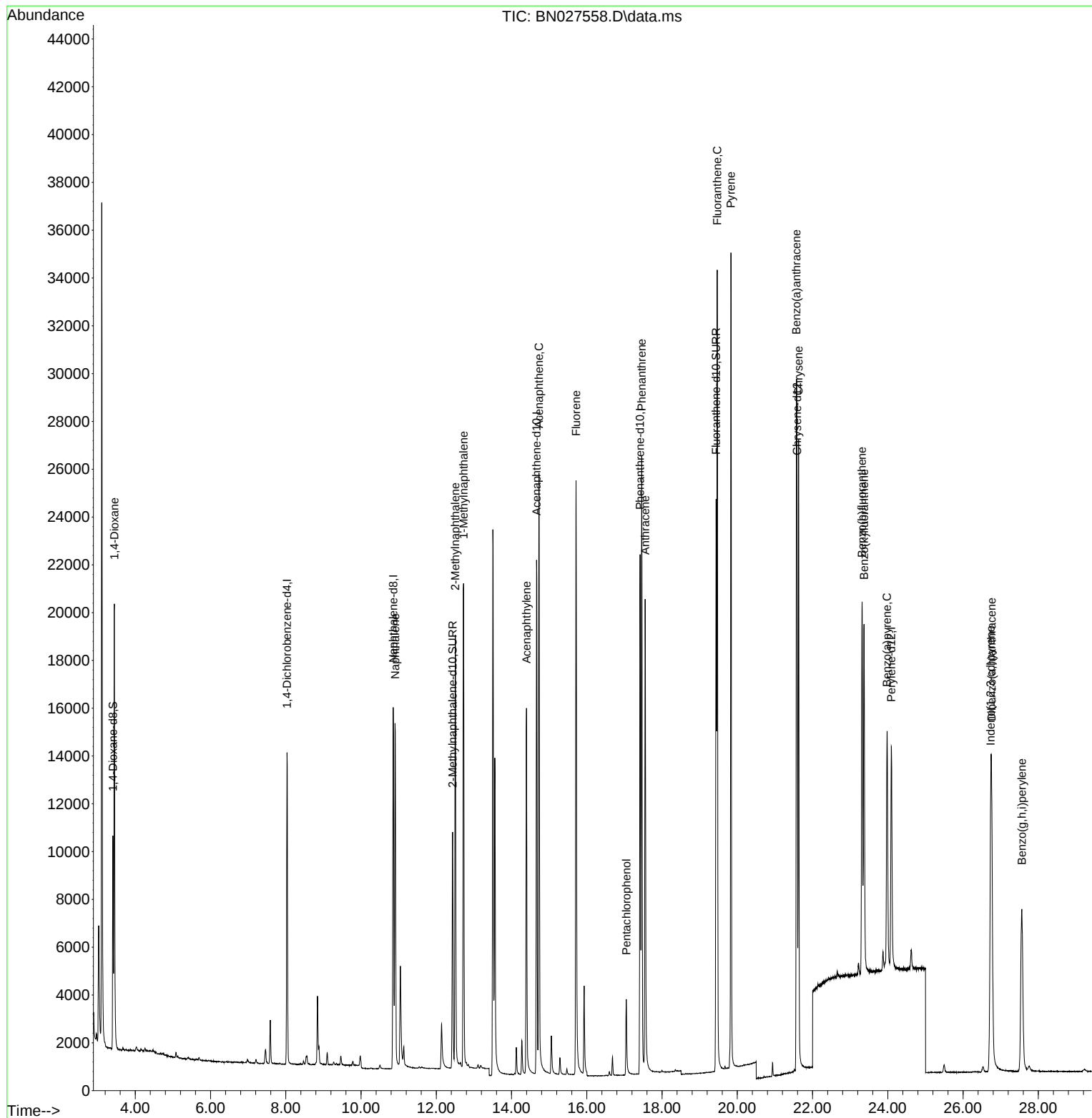
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	6646	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.856	136	21738	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.666	164	12522	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.417	188	27471	0.400	ng/ul	0.00
17) Chrysene-d12	21.589	240	17997	0.400	ng/ul	0.00
23) Perylene-d12	24.094	264	14859	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	5897	0.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	13531	0.410	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	27723	0.450	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	13750	1.537	ng/ul#	84
5) Naphthalene	10.905	128	20901	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.506	142	13596	0.345	ng/ul	99
8) 1-Methylnaphthalene	12.725	142	14657	0.349	ng/ul	100
10) Acenaphthylene	14.397	152	18581	0.324	ng/ul	99
11) Acenaphthene	14.731	153	15750	0.319	ng/ul	97
12) Fluorene	15.716	166	17980	0.325	ng/ul	98
14) Pentachlorophenol	17.050	266	2518	0.470	ng/ul	100
15) Phenanthrene	17.460	178	28669	0.320	ng/ul	99
16) Anthracene	17.553	178	23710	0.333	ng/ul	99
19) Fluoranthene	19.469	202	30339	0.367	ng/ul	98
20) Pyrene	19.831	202	30305	0.360	ng/ul	98
21) Benzo(a)anthracene	21.574	228	23501	0.362	ng/ul	99
22) Chrysene	21.630	228	24159	0.319	ng/ul	100
24) Benzo(b)fluoranthene	23.316	252	21989	0.313	ng/ul	98
25) Benzo(k)fluoranthene	23.369	252	21413	0.312	ng/ul	97
26) Benzo(a)pyrene	23.983	252	17529	0.320	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.734	276	21455	0.352	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.757	278	17098	0.367	ng/ul	96
29) Benzo(g,h,i)perylene	27.562	276	18355	0.334	ng/ul	98

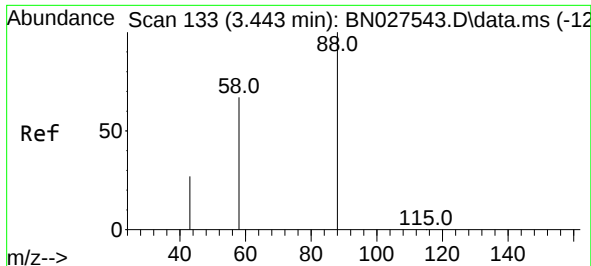
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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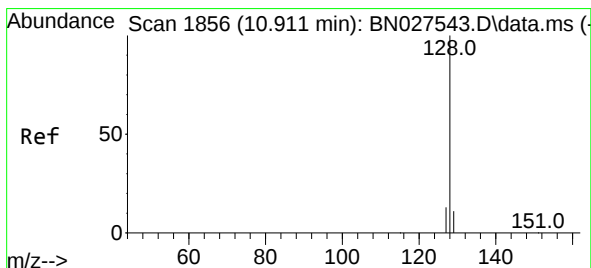
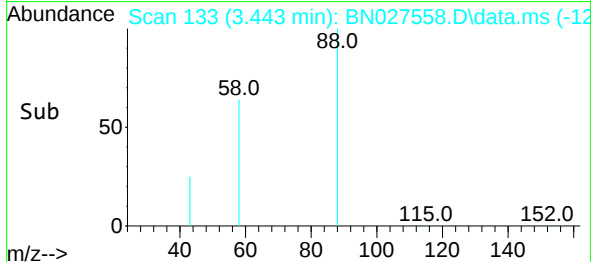
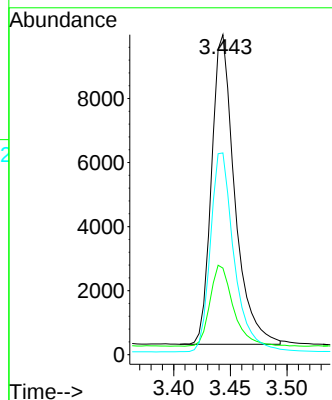
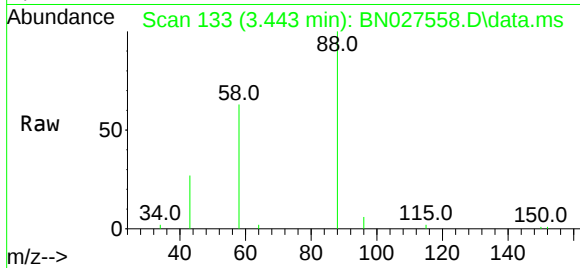




#2
1,4-Dioxane
Concen: 1.537 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

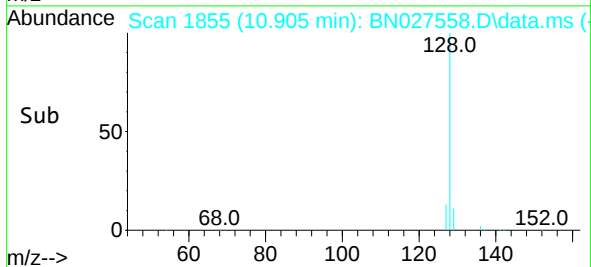
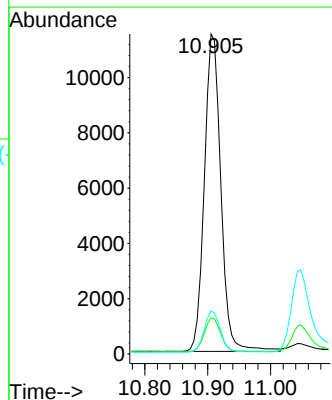
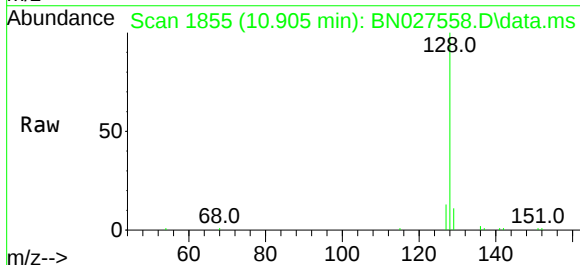
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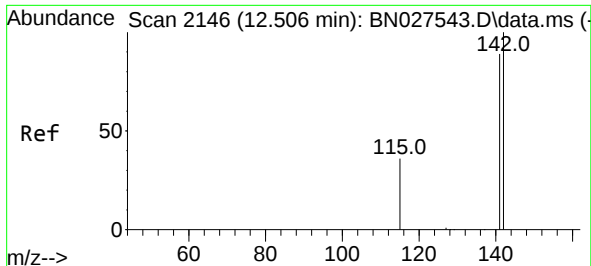
Tgt Ion: 88 Resp: 13750
Ion Ratio Lower Upper
88 100
43 27.0 26.8 40.2
58 63.0 39.9 59.9#



#5
Naphthalene
Concen: 0.331 ng/ul
RT: 10.905 min Scan# 1855
Delta R.T. -0.017 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:128 Resp: 20901
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 13.5 10.6 16.0

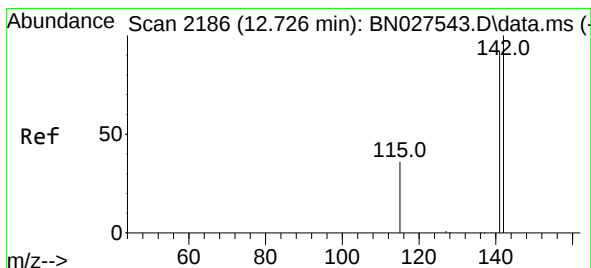
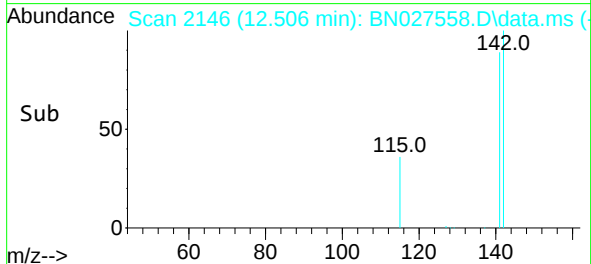
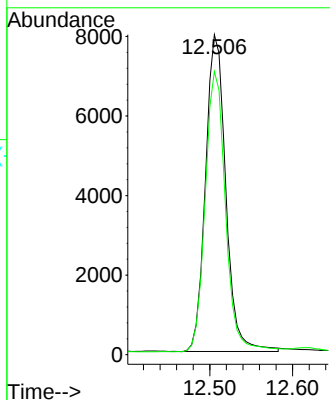
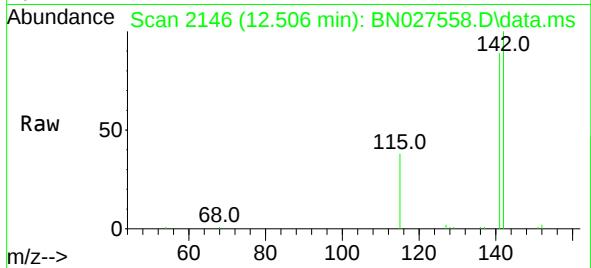




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

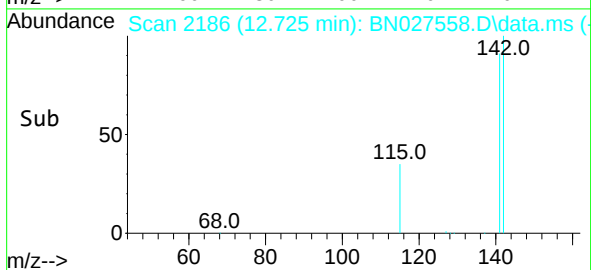
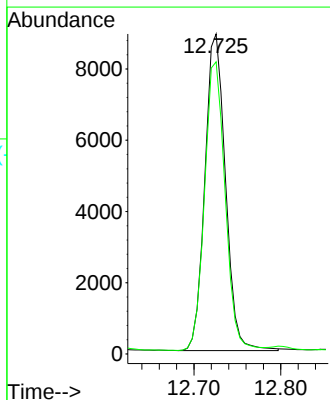
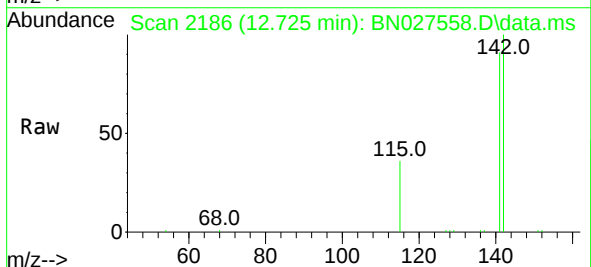
Instrument :
BNA_N
ClientSampleId :
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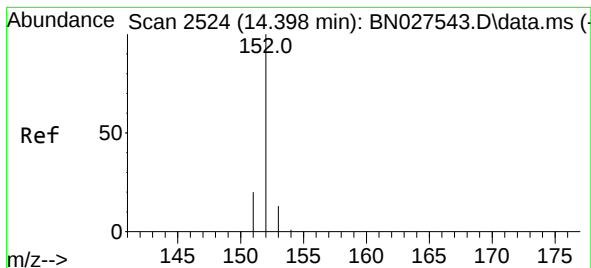
Tgt Ion:142 Resp: 13596
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.725 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:142 Resp: 14657
Ion Ratio Lower Upper
142 100
141 91.3 73.0 109.4





#10

Acenaphthylene

Concen: 0.324 ng/u1

RT: 14.397 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN027558.D

Acq: 11 Sep 2023 01:52

Instrument :

BNA_N

ClientSampleId :

SLCS344

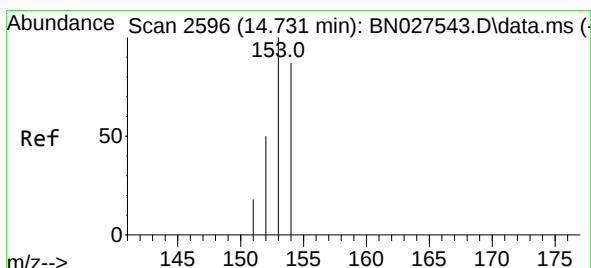
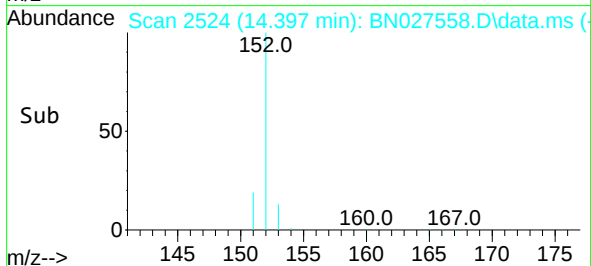
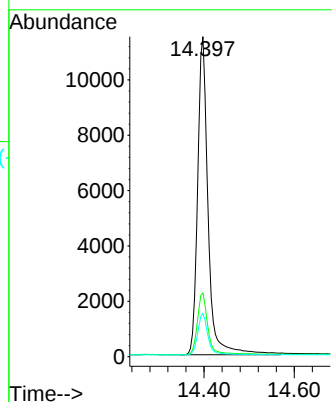
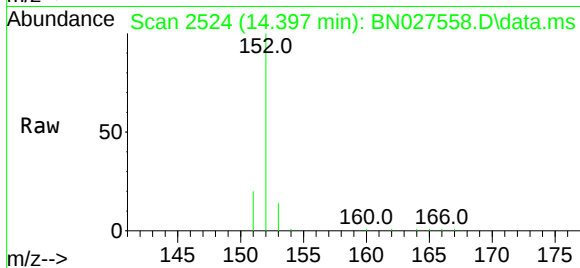
Tgt Ion:152 Resp: 18581

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.5 11.1 16.7



#11

Acenaphthene

Concen: 0.319 ng/u1

RT: 14.731 min Scan# 2596

Delta R.T. -0.009 min

Lab File: BN027558.D

Acq: 11 Sep 2023 01:52

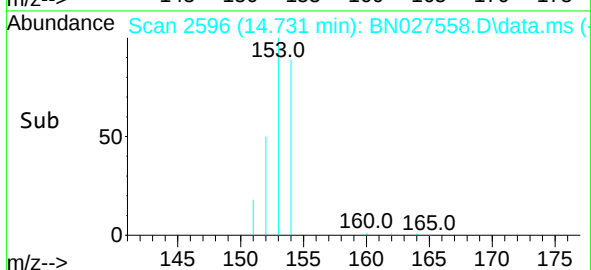
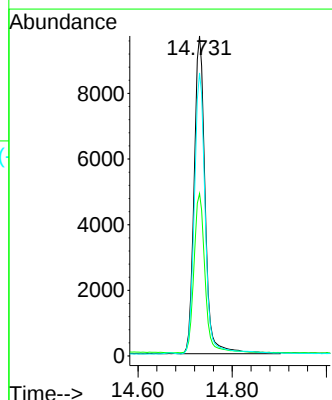
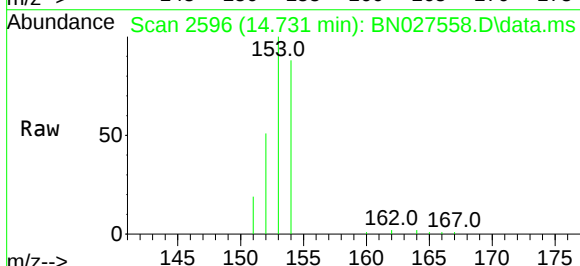
Tgt Ion:153 Resp: 15750

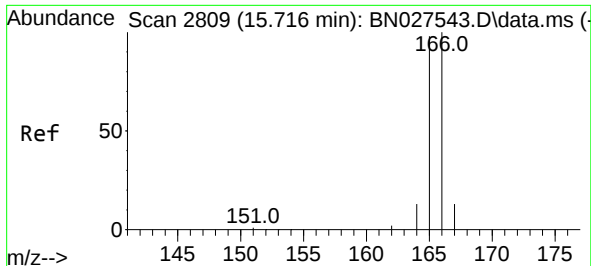
Ion Ratio Lower Upper

153 100

152 50.8 42.9 64.3

154 88.5 69.4 104.0

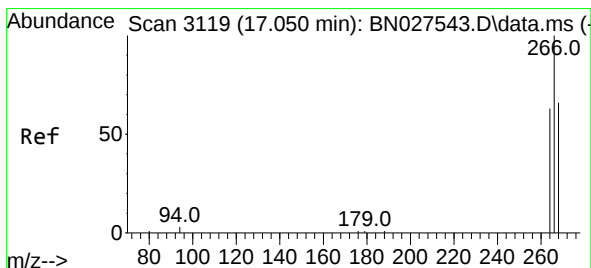
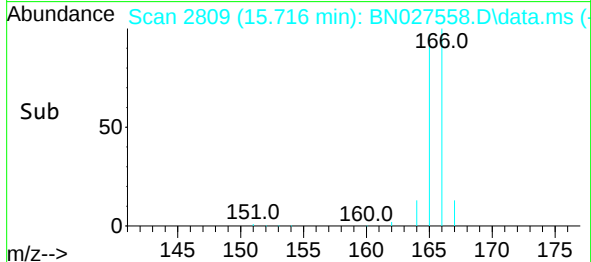
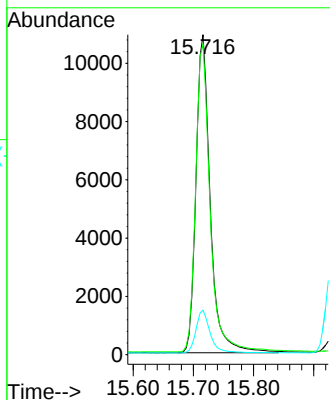
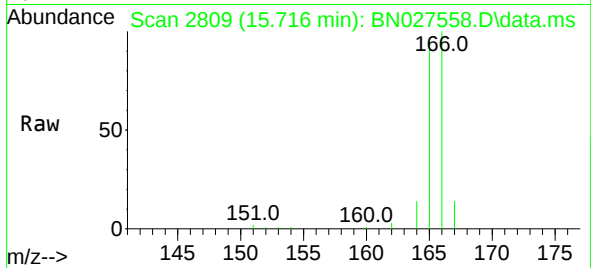




#12
 Fluorene
 Concen: 0.325 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. -0.009 min
 Lab File: BN027558.D
 Acq: 11 Sep 2023 01:52

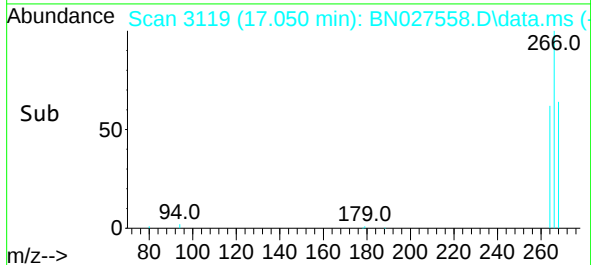
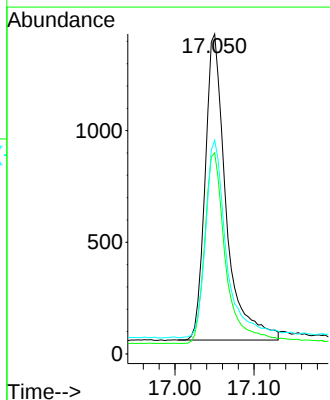
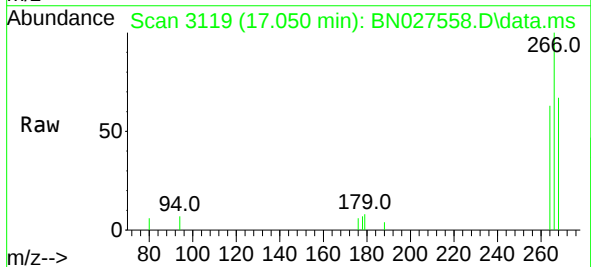
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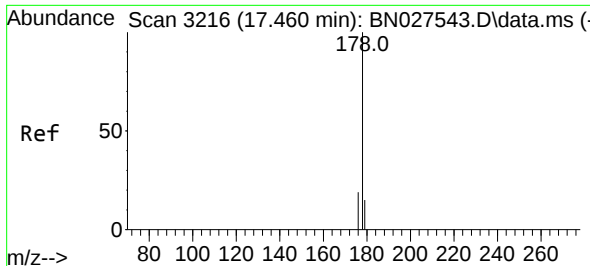
Tgt Ion:166 Resp: 17980
 Ion Ratio Lower Upper
 166 100
 165 97.0 79.6 119.4
 167 13.9 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.470 ng/ul
 RT: 17.050 min Scan# 3119
 Delta R.T. -0.009 min
 Lab File: BN027558.D
 Acq: 11 Sep 2023 01:52

Tgt Ion:266 Resp: 2518
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.4 75.6
 268 64.8 51.9 77.9

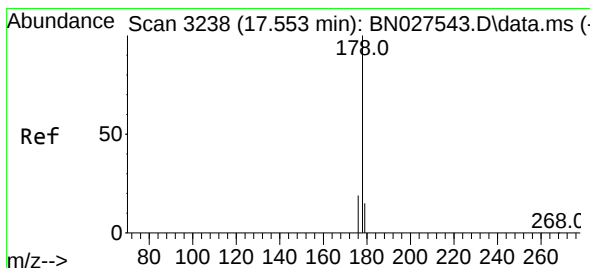
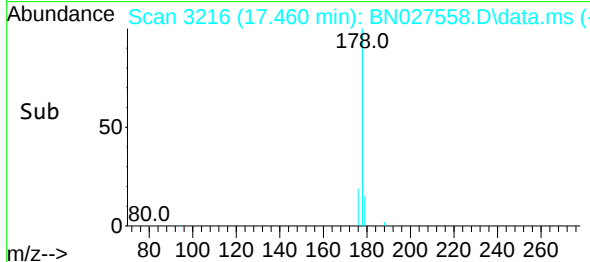
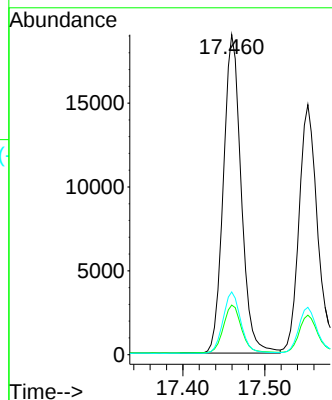
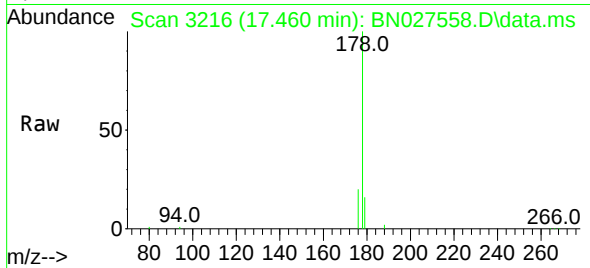




#15
Phenanthrene
Concen: 0.320 ng/u1
RT: 17.460 min Scan# 3216
Delta R.T. -0.009 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

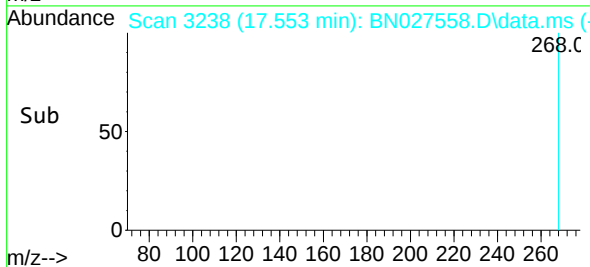
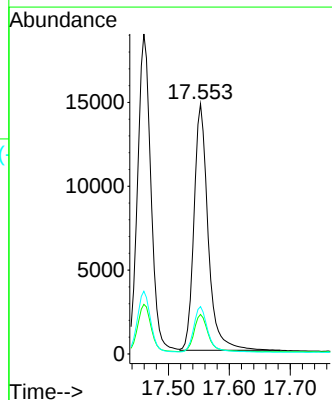
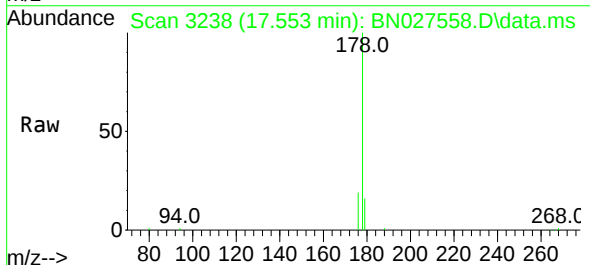
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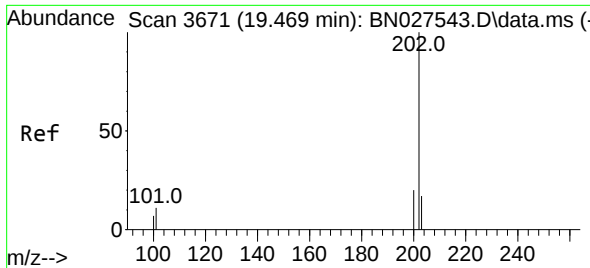
Tgt Ion:178 Resp: 28669
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.333 ng/u1
RT: 17.553 min Scan# 3238
Delta R.T. -0.009 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:178 Resp: 23710
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 18.9 15.6 23.4

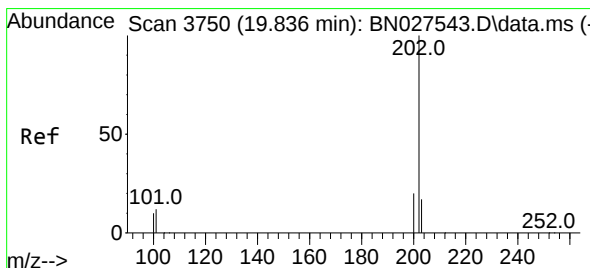
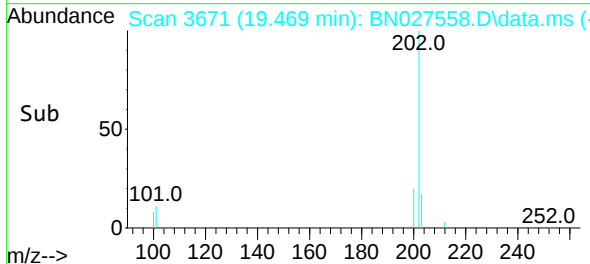
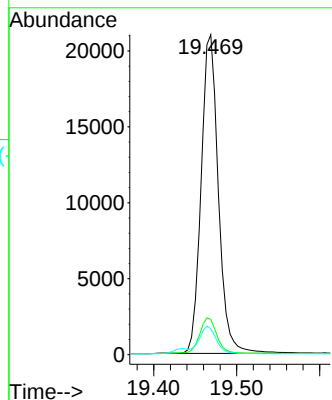
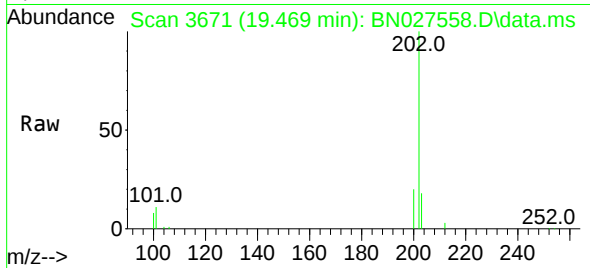




#19
Fluoranthene
Concen: 0.367 ng/ul
RT: 19.469 min Scan# 30339
Delta R.T. -0.009 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

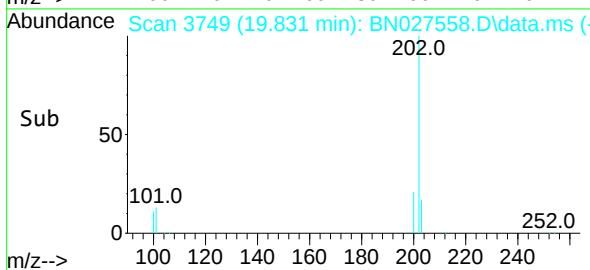
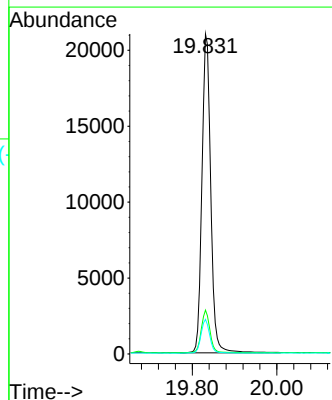
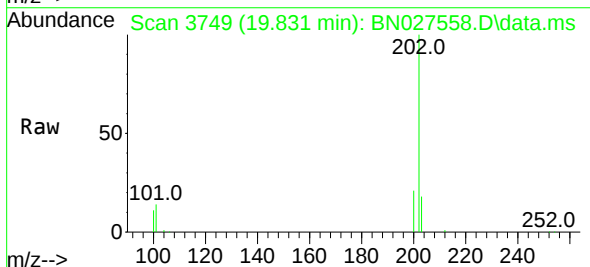
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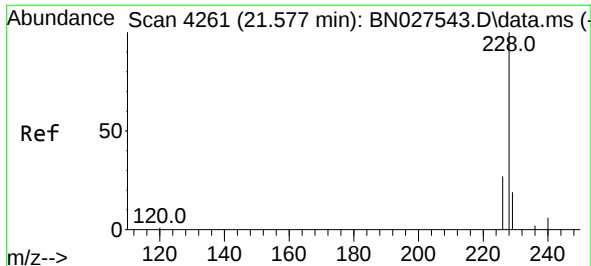
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.4	14.0
100	8.1	6.9	10.3



#20
Pyrene
Concen: 0.360 ng/ul
RT: 19.831 min Scan# 3749
Delta R.T. -0.009 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.4	17.2
100	10.8	9.4	14.2

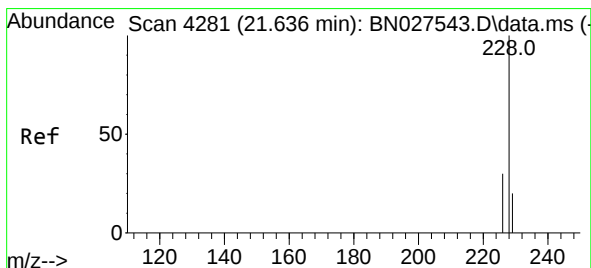
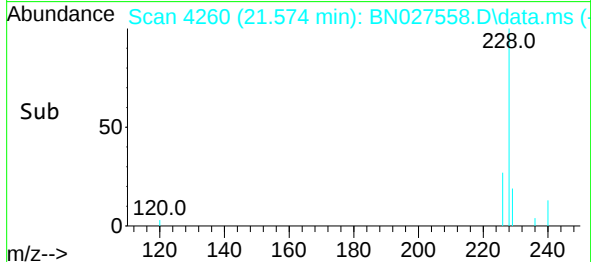
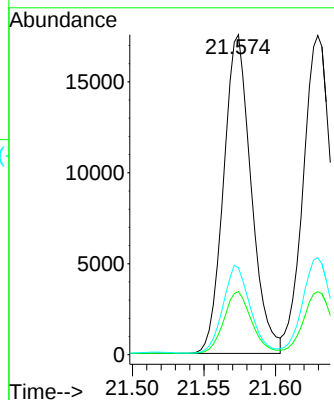
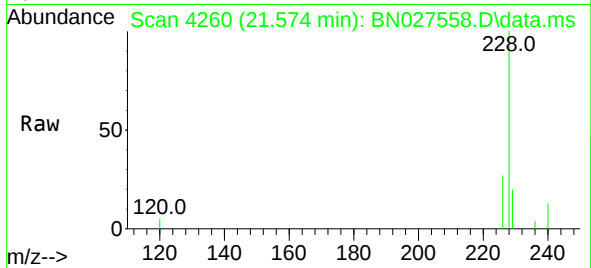




#21
Benzo(a)anthracene
Concen: 0.362 ng/u1
RT: 21.574 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

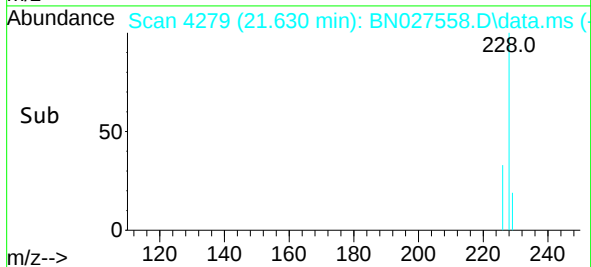
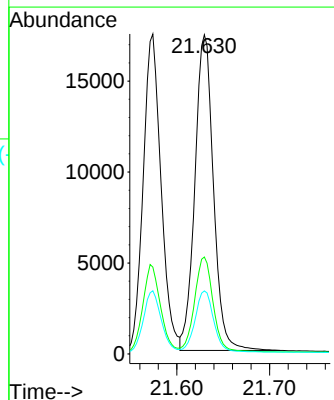
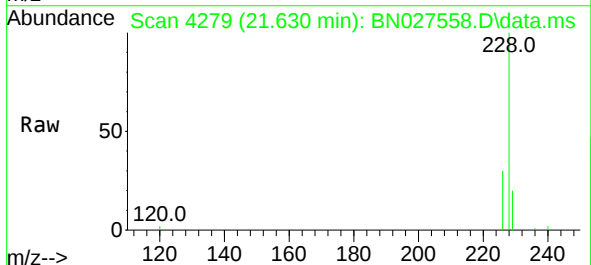
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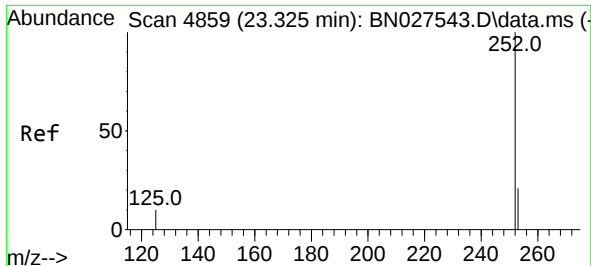
Tgt Ion:228 Resp: 23501
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.2 22.0 33.0



#22
Chrysene
Concen: 0.319 ng/u1
RT: 21.630 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:228 Resp: 24159
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.8 15.6 23.4

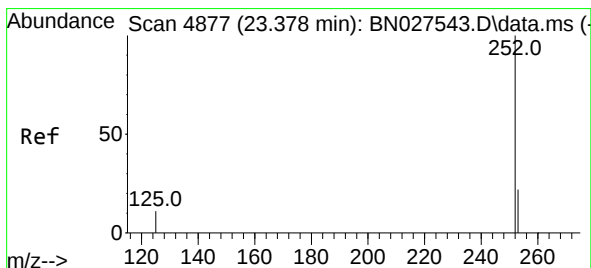
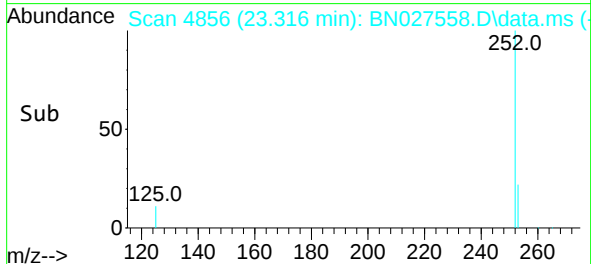
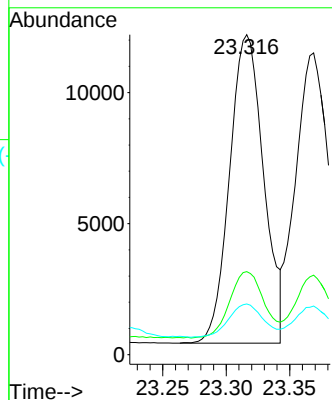
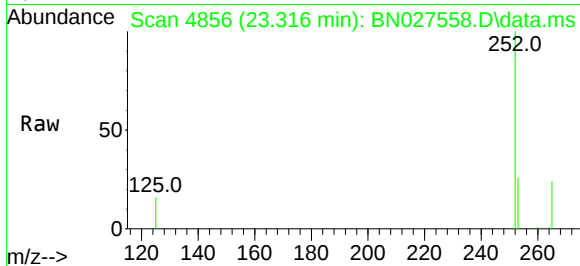




#24
Benzo(b)fluoranthene
Concen: 0.313 ng/ul
RT: 23.316 min Scan# 4856
Delta R.T. -0.012 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

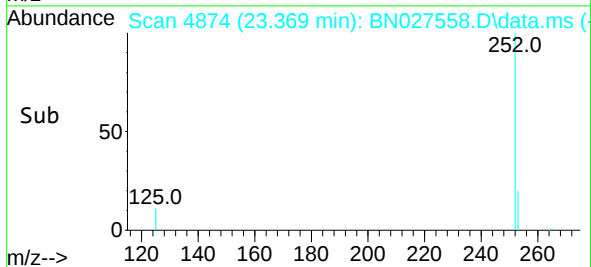
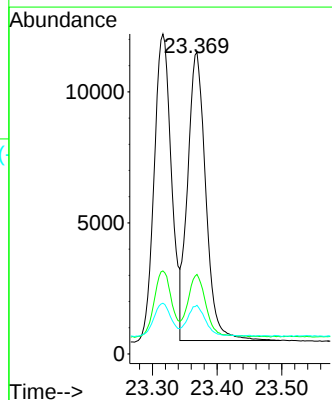
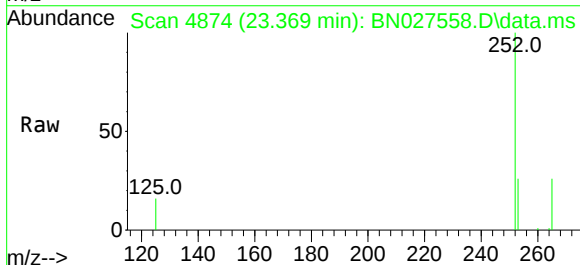
Instrument :
BNA_N
ClientSampleId :
SLCS344

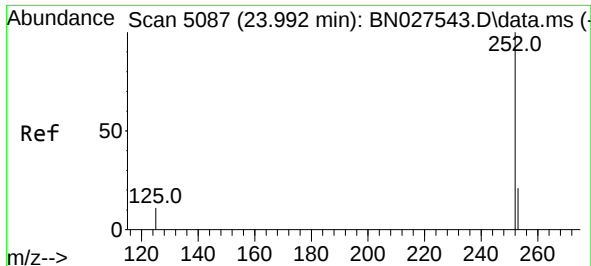
Tgt Ion:252	Resp:	21989
Ion Ratio	Lower	Upper
252	100	
253	26.0	0.0 49.6
125	15.9	0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.312 ng/ul
RT: 23.369 min Scan# 4874
Delta R.T. -0.009 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:252	Resp:	21413
Ion Ratio	Lower	Upper
252	100	
253	26.4	19.9 29.9
125	16.1	13.6 20.4

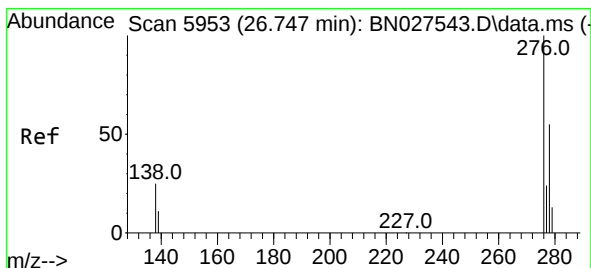
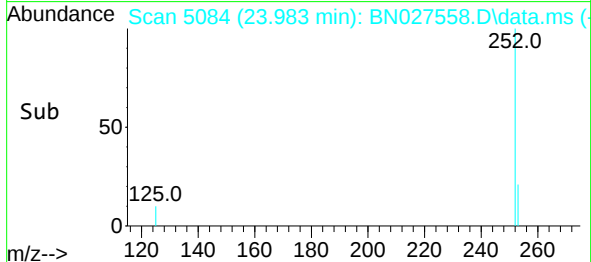
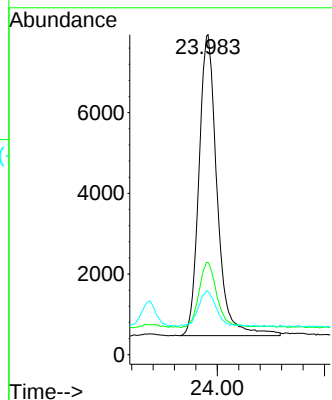
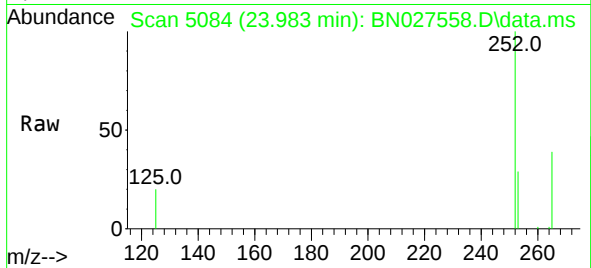




#26
Benzo(a)pyrene
Concen: 0.320 ng/ul
RT: 23.983 min Scan# 5084
Delta R.T. -0.012 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

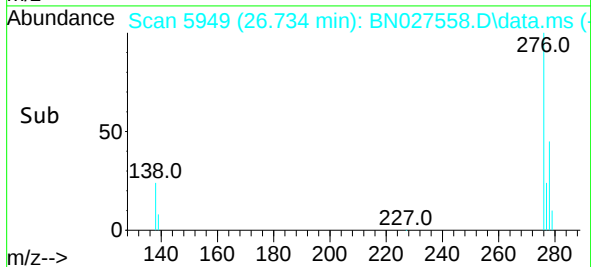
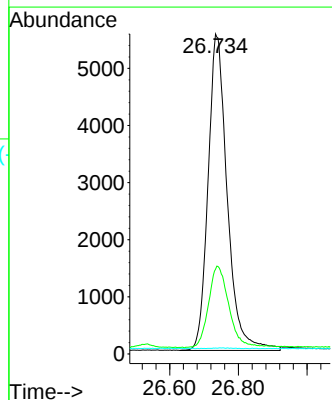
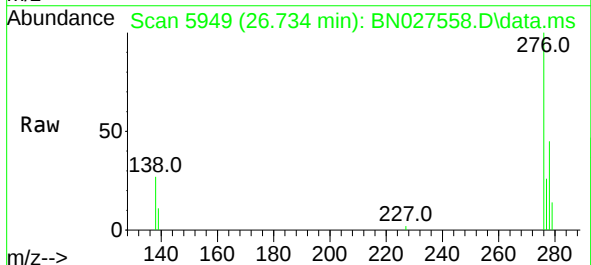
Instrument :
BNA_N
ClientSampleId :
SLCS344

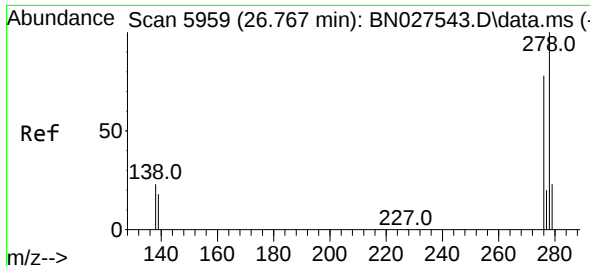
Tgt Ion:252 Resp: 17529
Ion Ratio Lower Upper
252 100
253 28.8 22.4 33.6
125 19.7 17.4 26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.352 ng/ul
RT: 26.734 min Scan# 5949
Delta R.T. -0.020 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:276 Resp: 21455
Ion Ratio Lower Upper
276 100
138 27.9 23.9 35.9
227 0.0 0.1 0.1#

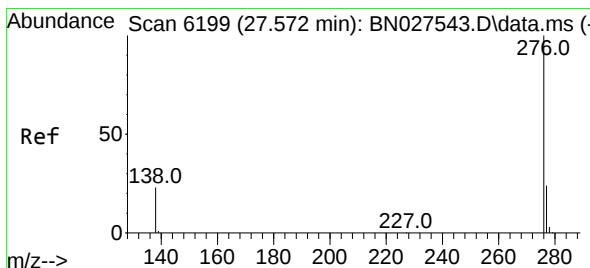
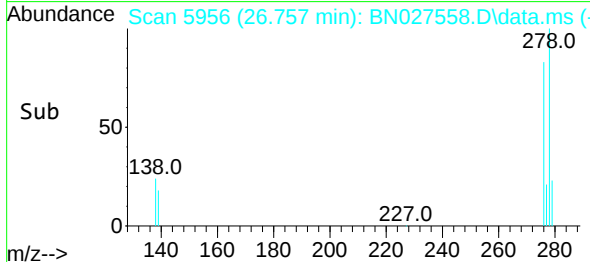
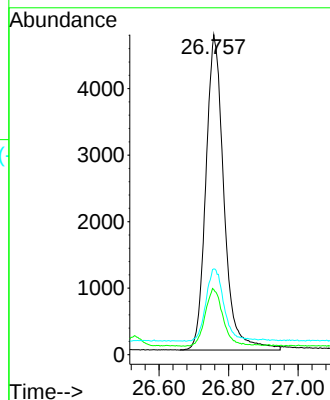
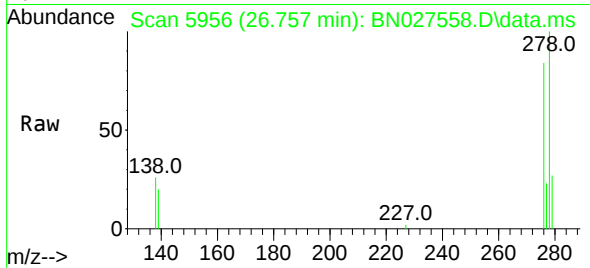




#28
Dibenzo(a,h)anthracene
Concen: 0.367 ng/ul
RT: 26.757 min Scan# 5959
Delta R.T. -0.020 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Instrument :
BNA_N
ClientSampleId :
SLCS344

Tgt Ion:278 Resp: 17098
Ion Ratio Lower Upper
278 100
139 20.4 18.0 27.0
279 26.8 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.562 min Scan# 6196
Delta R.T. -0.020 min
Lab File: BN027558.D
Acq: 11 Sep 2023 01:52

Tgt Ion:276 Resp: 18355
Ion Ratio Lower Upper
276 100
138 25.7 22.1 33.1
277 25.3 20.2 30.4

