

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028546.D
 Acq On : 10 Nov 2023 08:21
 Operator : MA/JU
 Sample : 05044-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHEE3MS

Quant Time: Nov 10 23:25:44 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 : Thu Nov 09 16:30:32 2023
 Response via : Initial Calibration

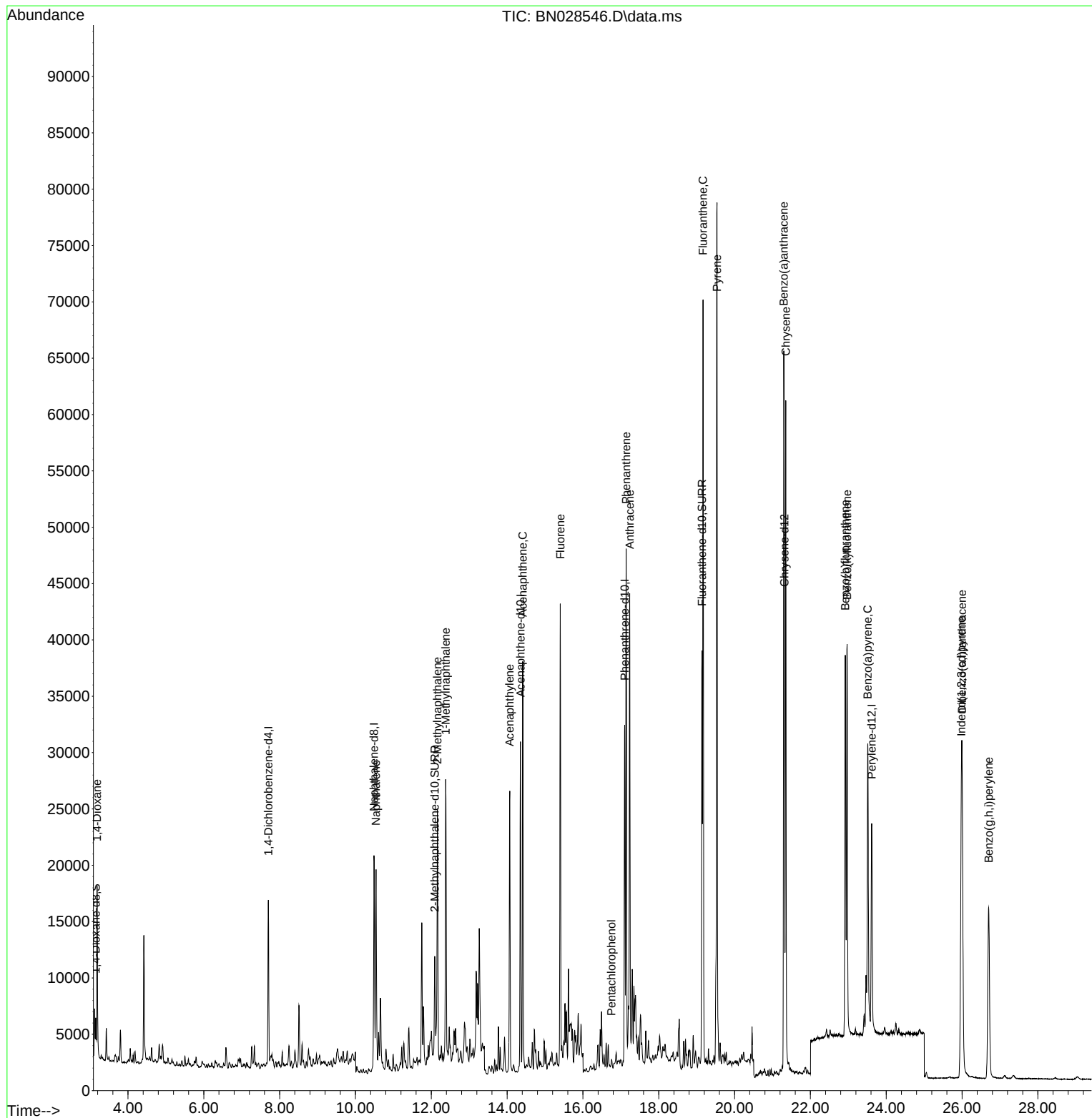
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	7426	0.400	ng/ul	0.00
4) Naphthalene-d8	10.489	136	24656	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.352	164	15550	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.102	188	34714	0.400	ng/ul	0.00
17) Chrysene-d12	21.315	240	27979	0.400	ng/ul	0.00
23) Perylene-d12	23.616	264	25789	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	2177	0.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.090	152	11874	0.320	ng/ul	0.00
18) Fluoranthene-d10	19.140	212	39357	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.184	88	9441	1.041	ng/ul#	84
5) Naphthalene	10.539	128	23523	0.340	ng/ul	98
7) 2-Methylnaphthalene	12.161	142	15592	0.343	ng/ul	97
8) 1-Methylnaphthalene	12.381	142	16483	0.357	ng/ul	99
10) Acenaphthylene	14.070	152	26846	0.346	ng/ul	97
11) Acenaphthene	14.413	153	20475	0.359	ng/ul	99
12) Fluorene	15.403	166	24821	0.374	ng/ul	99
14) Pentachlorophenol	16.751	266	230	0.028	ng/ul	97
15) Phenanthrene	17.140	178	48127	0.451	ng/ul	98
16) Anthracene	17.233	178	43171	0.441	ng/ul	98
19) Fluoranthene	19.168	202	55415	0.466	ng/ul	99
20) Pyrene	19.535	202	65219	0.529	ng/ul	99
21) Benzo(a)anthracene	21.298	228	50010	0.452	ng/ul	98
22) Chrysene	21.350	228	49896	0.461	ng/ul	99
24) Benzo(b)fluoranthene	22.920	252	43706	0.452	ng/ul	100
25) Benzo(k)fluoranthene	22.967	252	44940	0.443	ng/ul	100
26) Benzo(a)pyrene	23.513	252	38934	0.426	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.980	276	41199	0.406	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.000	278	33520	0.414	ng/ul	97
29) Benzo(g,h,i)perylene	26.701	276	33188	0.399	ng/ul	99

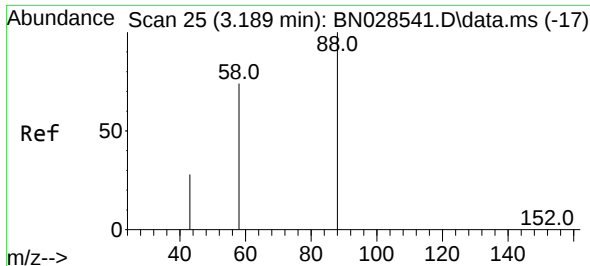
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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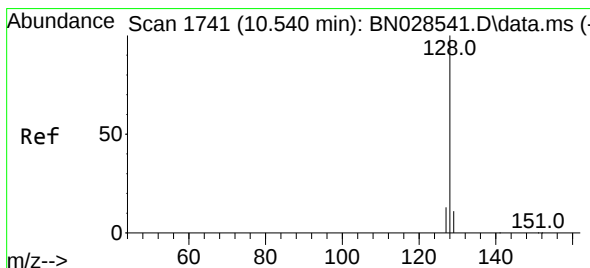
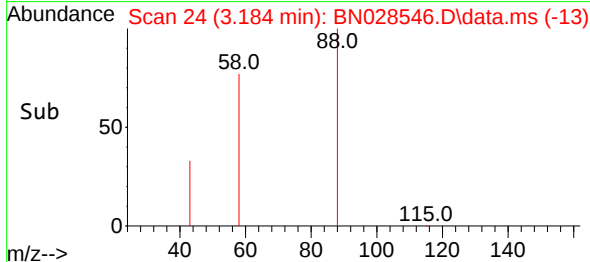
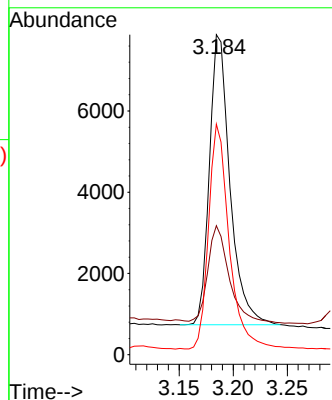
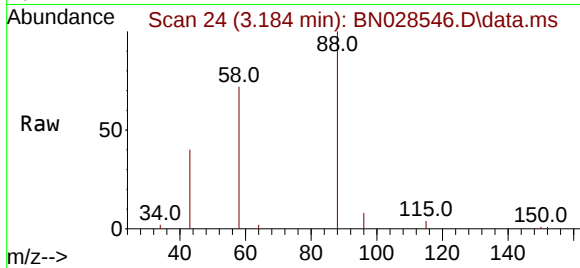




#2
1,4-Dioxane
Concen: 1.041 ng/ul
RT: 3.184 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

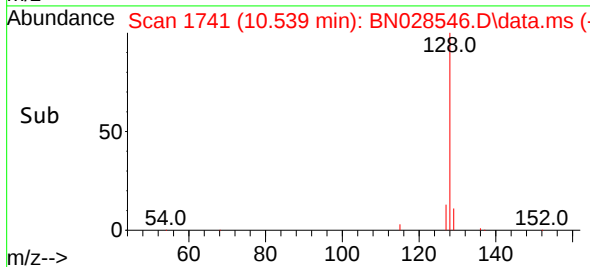
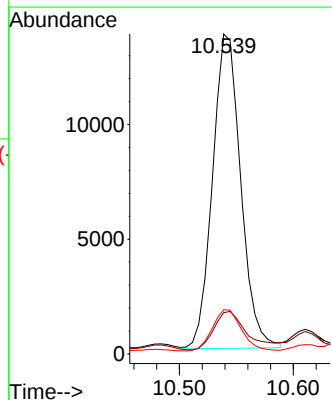
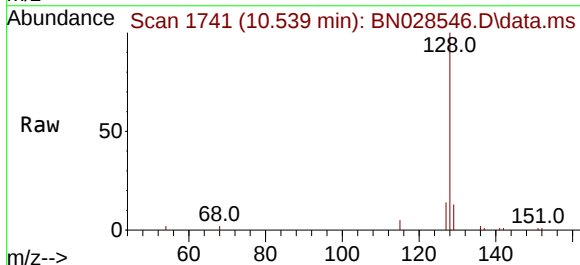
Instrument :
BNA_N
ClientSampleId :
BHEE3MS

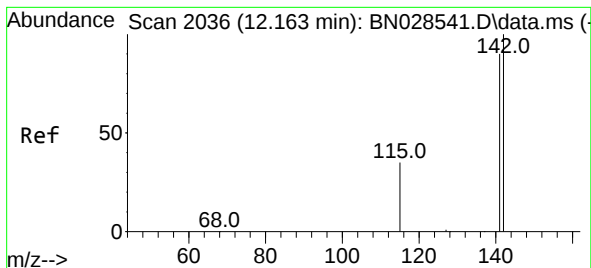
Tgt Ion: 88 Resp: 9441
Ion Ratio Lower Upper
88 100
43 40.3 32.9 49.3
58 72.1 41.8 62.8#



#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.539 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion: 128 Resp: 23523
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 13.8 10.7 16.1

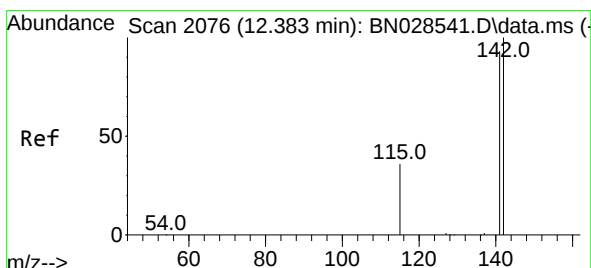
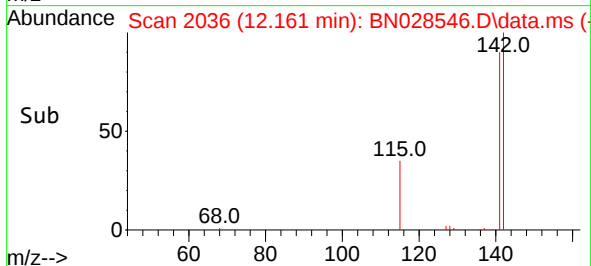
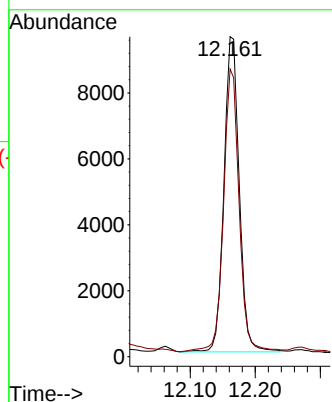
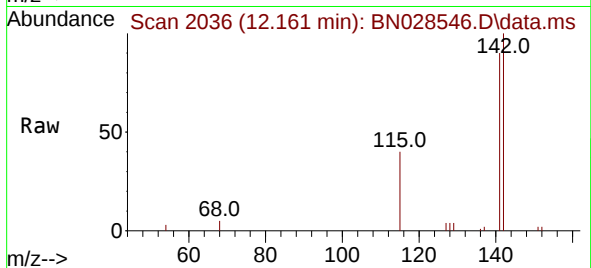




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.161 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

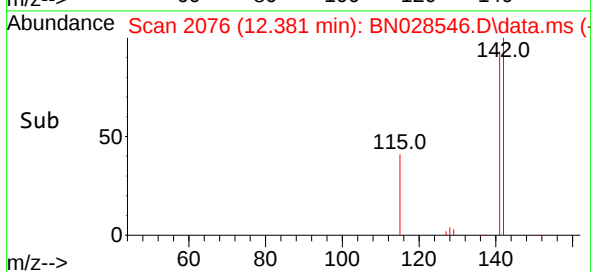
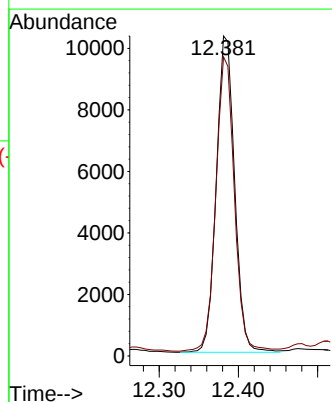
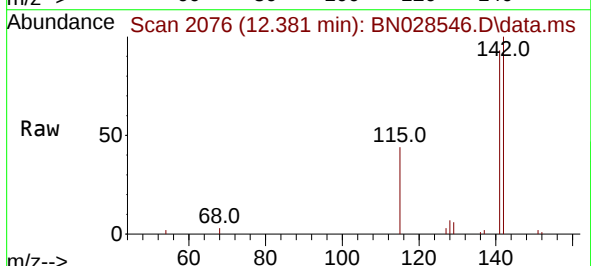
Instrument :
BNA_N
ClientSampleId :
BHEE3MS

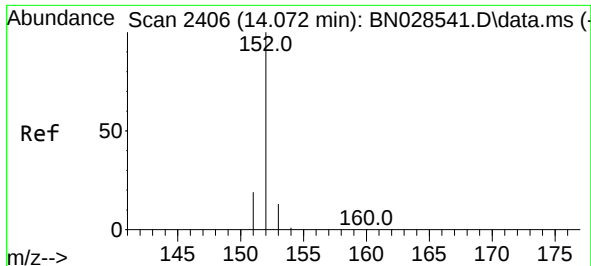
Tgt Ion:142 Resp: 15592
Ion Ratio Lower Upper
142 100
141 91.4 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.381 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:142 Resp: 16483
Ion Ratio Lower Upper
142 100
141 93.9 74.1 111.1

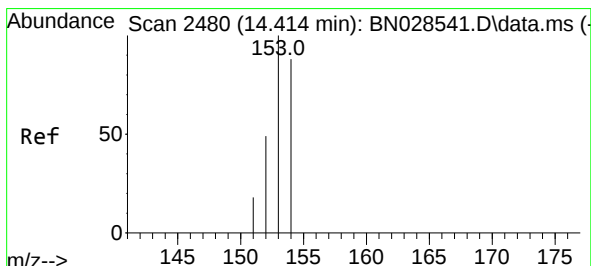
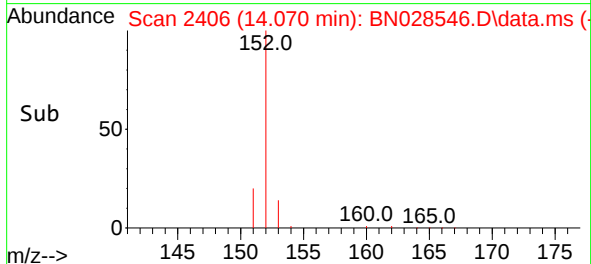
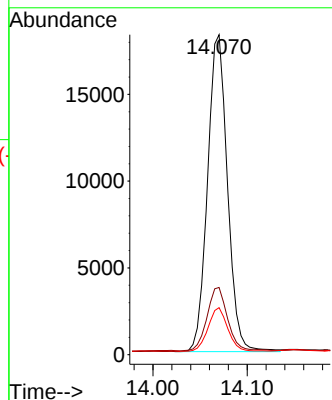
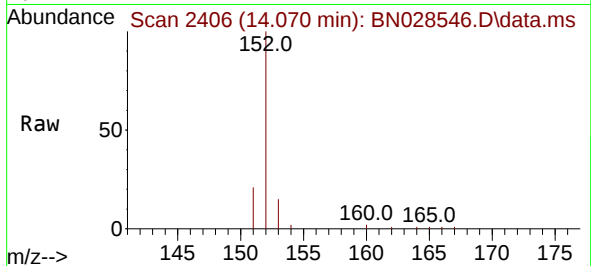




#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.070 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

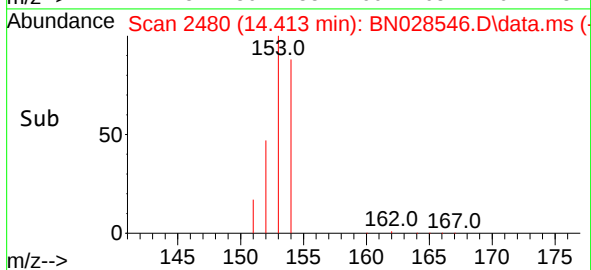
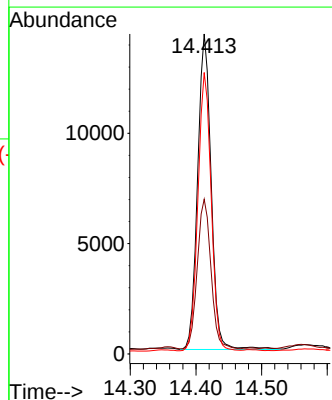
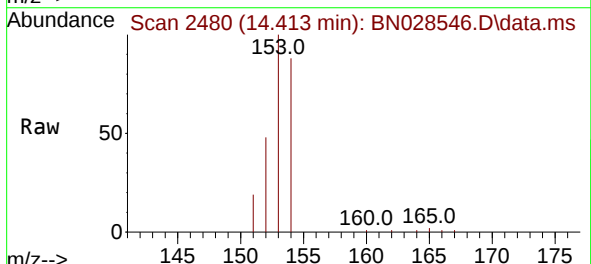
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ClientSampleId :
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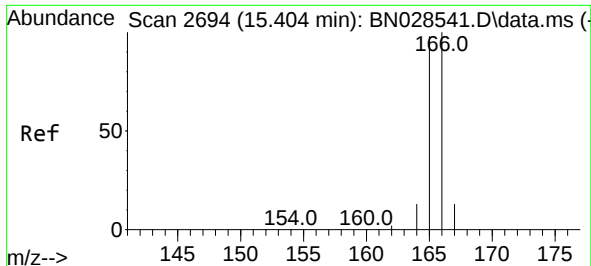
Tgt Ion:152 Resp: 26846
Ion Ratio Lower Upper
152 100
151 21.0 16.1 24.1
153 14.7 10.6 15.8



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.413 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:153 Resp: 20475
Ion Ratio Lower Upper
153 100
152 48.4 39.6 59.4
154 87.9 71.0 106.6

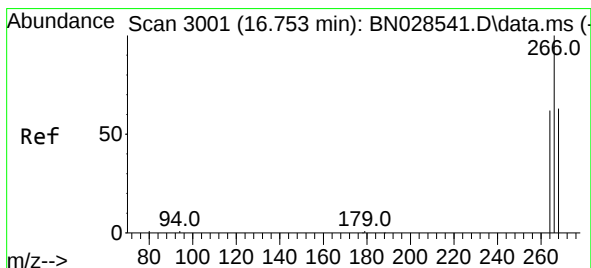
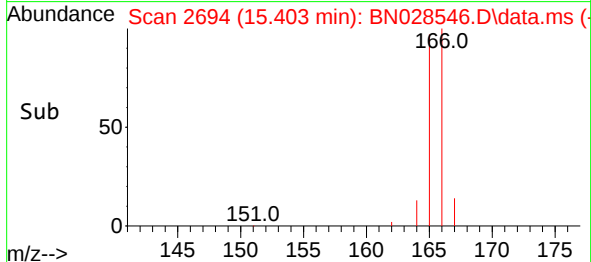
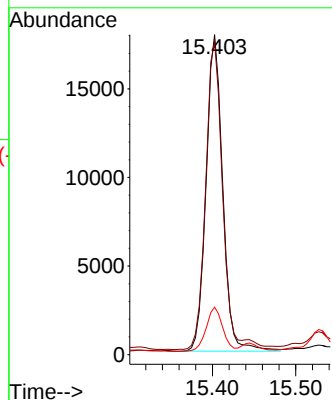
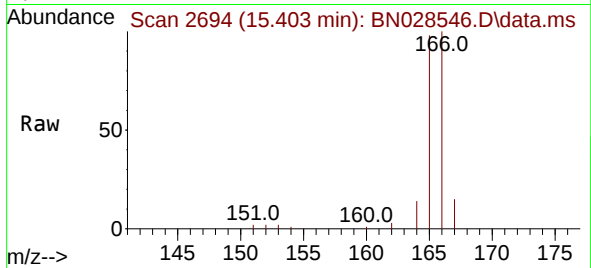




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.403 min Scan# 2694
Delta R.T. -0.005 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

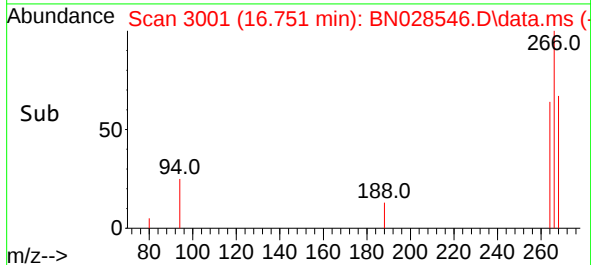
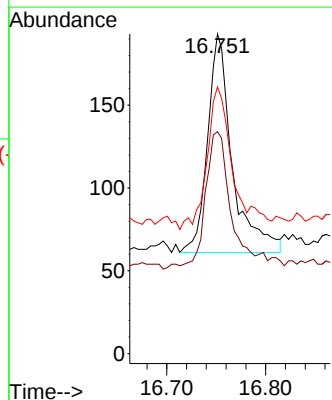
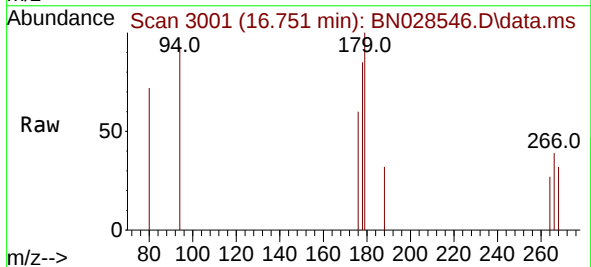
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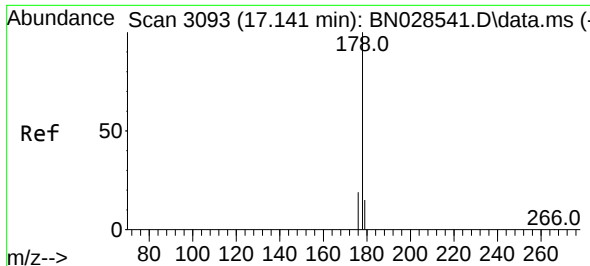
Tgt Ion:166 Resp: 24821
Ion Ratio Lower Upper
166 100
165 97.9 78.6 118.0
167 14.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.751 min Scan# 3001
Delta R.T. -0.004 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:266 Resp: 230
Ion Ratio Lower Upper
266 100
264 63.5 50.1 75.1
268 67.4 50.6 75.8

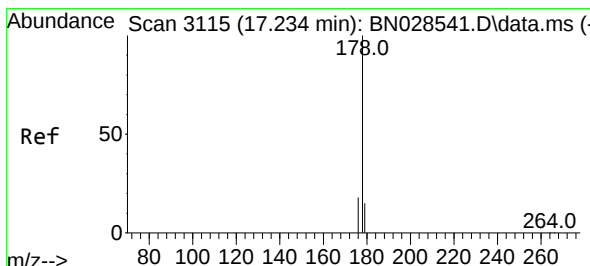
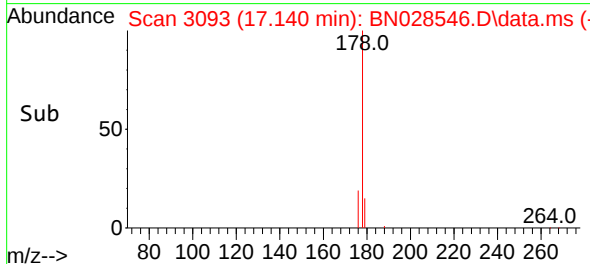
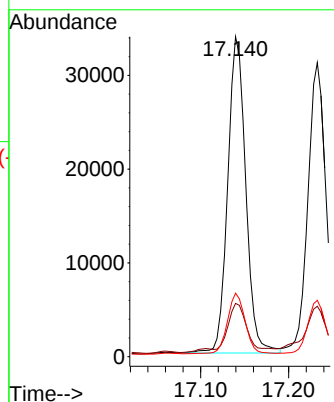
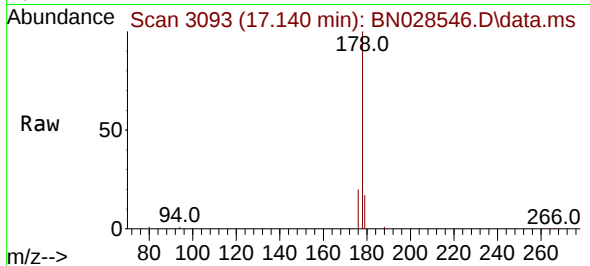




#15
Phenanthrene
Concen: 0.451 ng/ul
RT: 17.140 min Scan# 3093
Delta R.T. -0.004 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

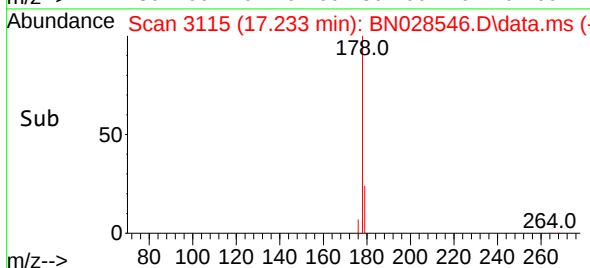
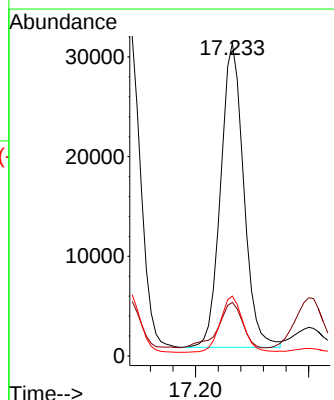
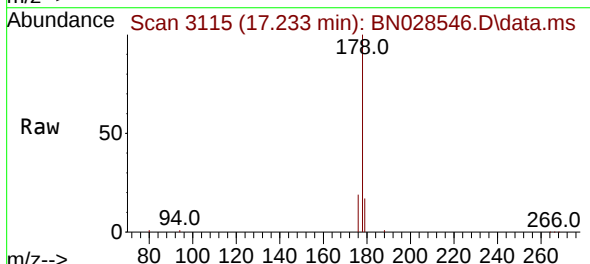
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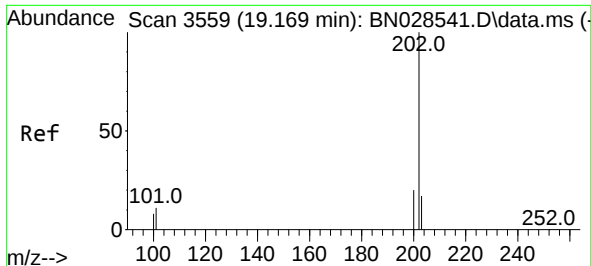
Tgt Ion:178 Resp: 48127
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 19.8 15.4 23.2



#16
Anthracene
Concen: 0.441 ng/ul
RT: 17.233 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:178 Resp: 43171
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.2 14.9 22.3

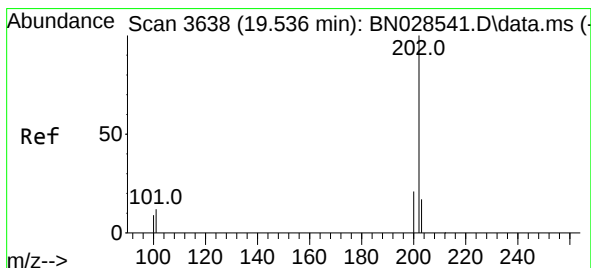
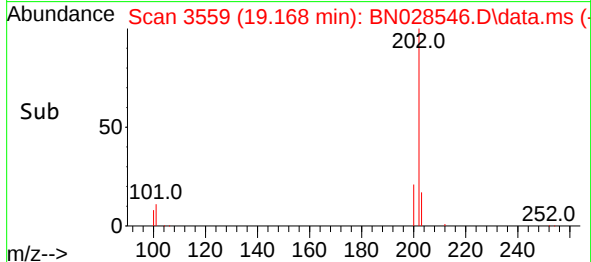
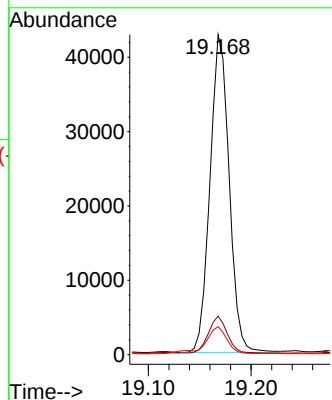
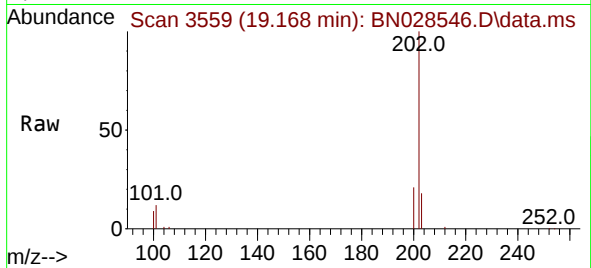




#19
Fluoranthene
Concen: 0.466 ng/u1
RT: 19.168 min Scan# 3559
Delta R.T. -0.004 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

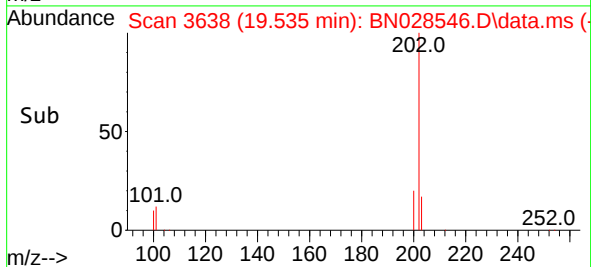
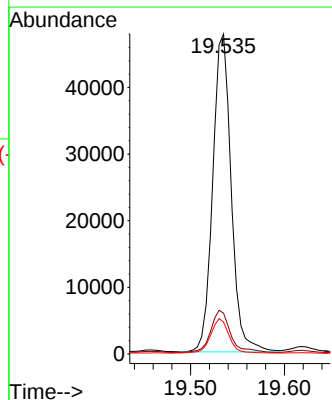
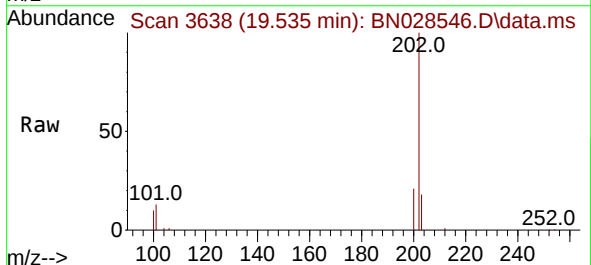
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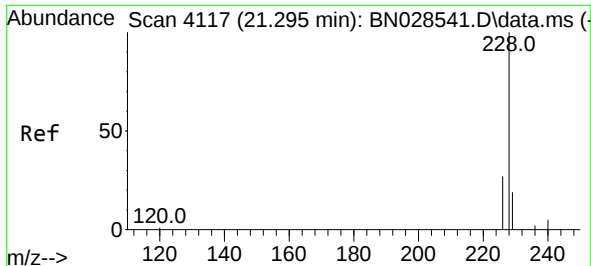
Tgt Ion:202 Resp: 55415
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 8.7 7.2 10.8



#20
Pyrene
Concen: 0.529 ng/u1
RT: 19.535 min Scan# 3638
Delta R.T. -0.004 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:202 Resp: 65219
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 9.9 8.2 12.2

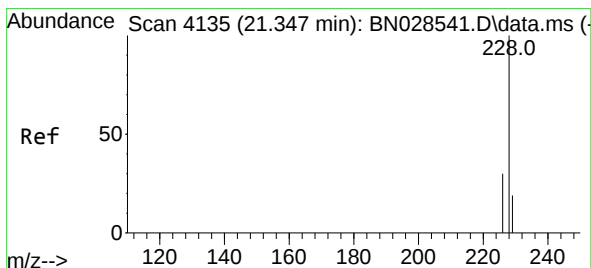
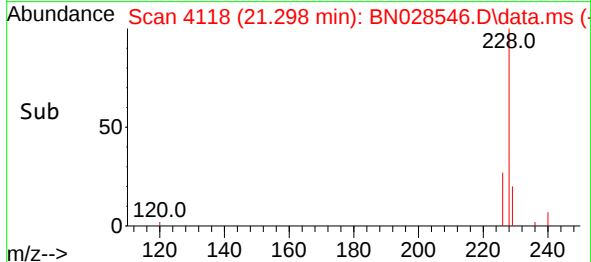
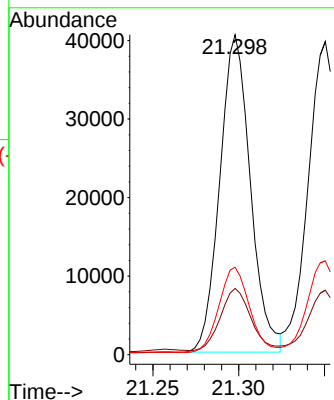
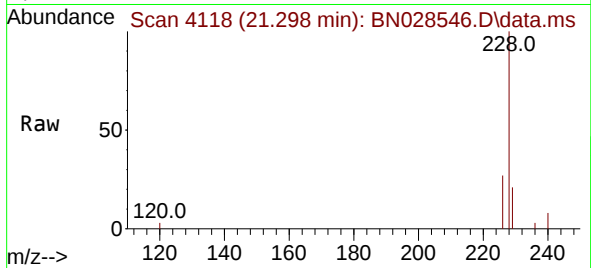




#21
Benzo(a)anthracene
Concen: 0.452 ng/ul
RT: 21.298 min Scan# 4117
Delta R.T. -0.006 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

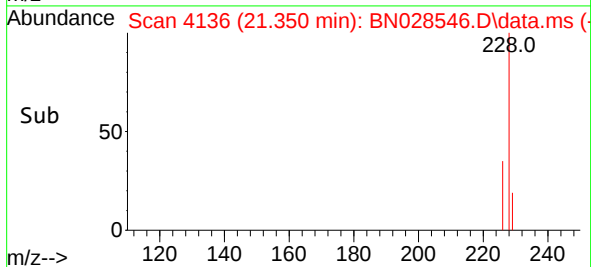
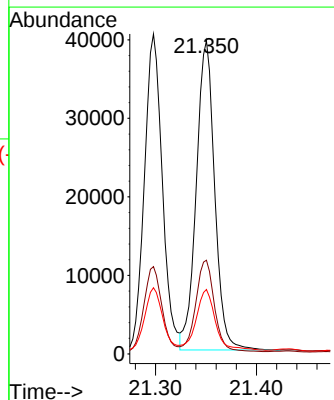
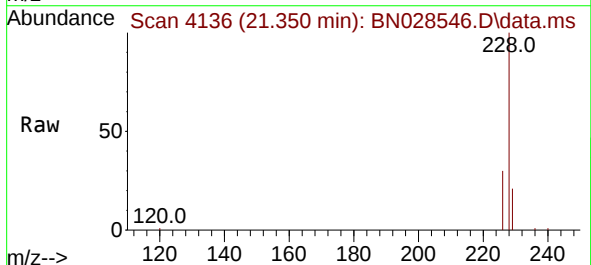
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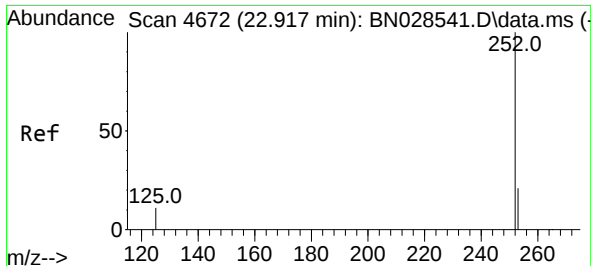
Tgt Ion:228 Resp: 50010
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.3 21.4 32.0



#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.350 min Scan# 4136
Delta R.T. -0.006 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:228 Resp: 49896
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.8
229 20.6 15.4 23.2

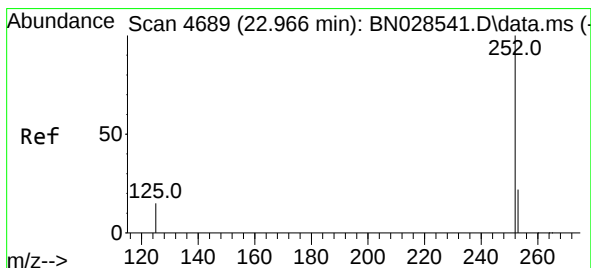
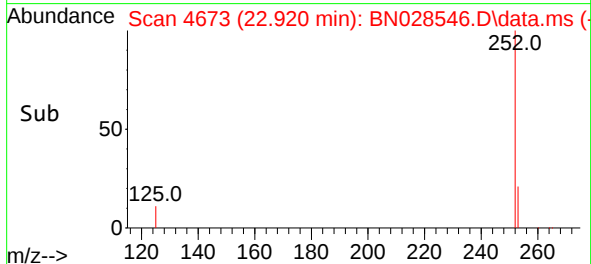
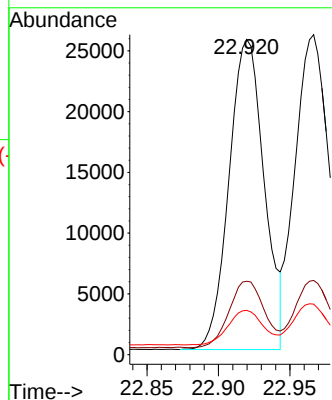
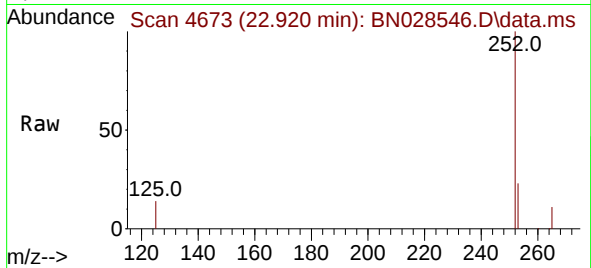




#24
Benzo(b)fluoranthene
Concen: 0.452 ng/ul
RT: 22.920 min Scan# 4673
Delta R.T. -0.008 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

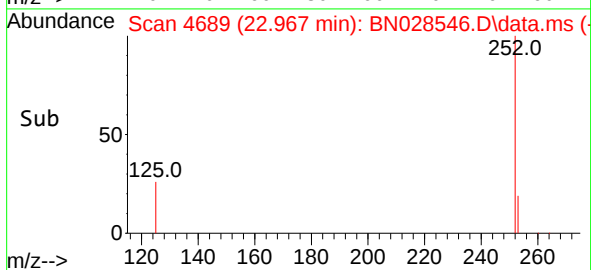
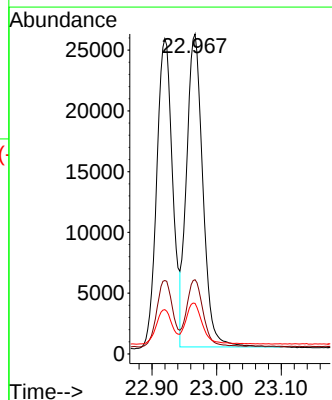
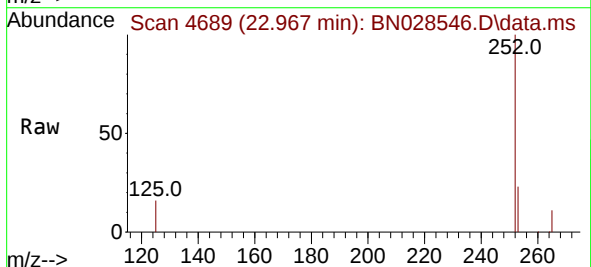
Instrument :
BNA_N
ClientSampleId :
BHEE3MS

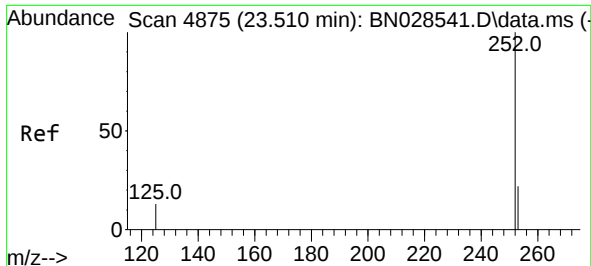
Tgt Ion:252 Resp: 43706
Ion Ratio Lower Upper
252 100
253 23.3 0.0 46.6
125 14.0 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.443 ng/ul
RT: 22.967 min Scan# 4689
Delta R.T. -0.008 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

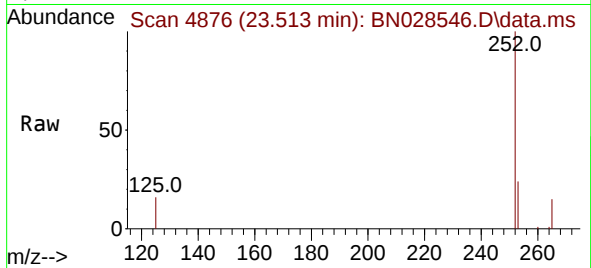
Tgt Ion:252 Resp: 44940
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 15.8 12.7 19.1





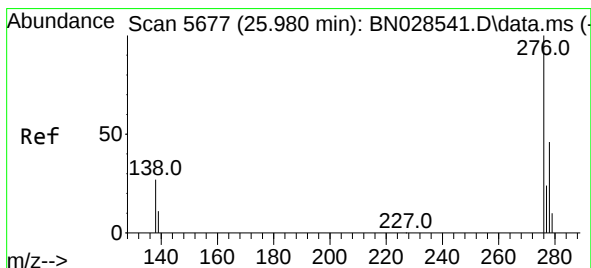
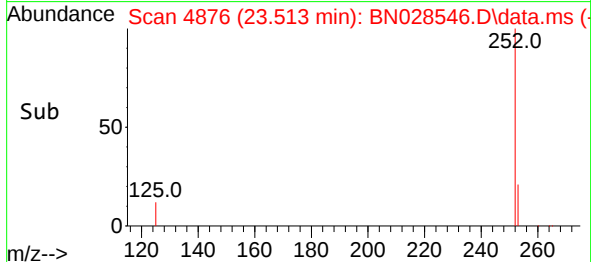
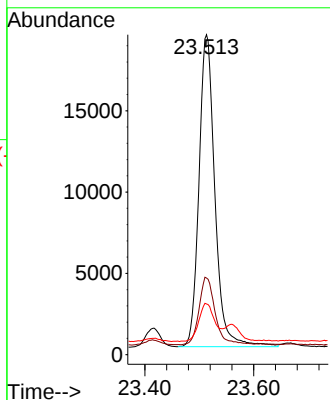
#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.513 min Scan# 4876
Delta R.T. -0.011 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Instrument :
BNA_N
ClientSampleId :
BHEE3MS



Tgt Ion:252 Resp: 38934

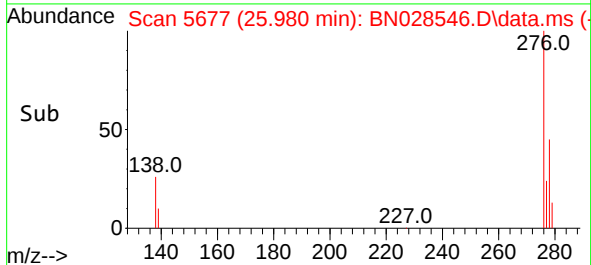
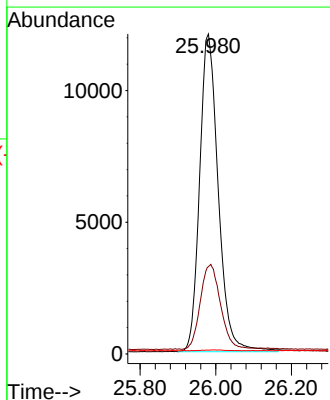
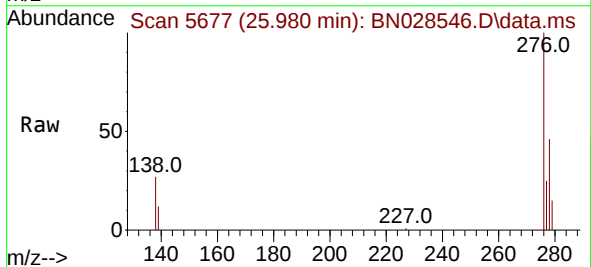
Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	15.8	13.2	19.8

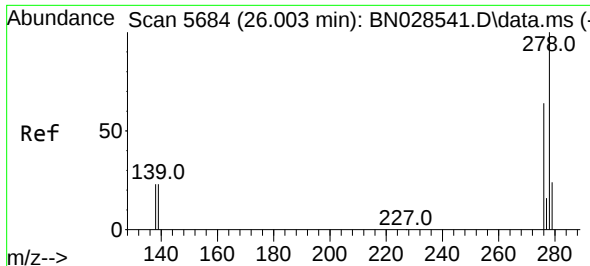


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 25.980 min Scan# 5677
Delta R.T. -0.013 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:276 Resp: 41199

Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.8	35.6
227	0.3	0.1	0.1

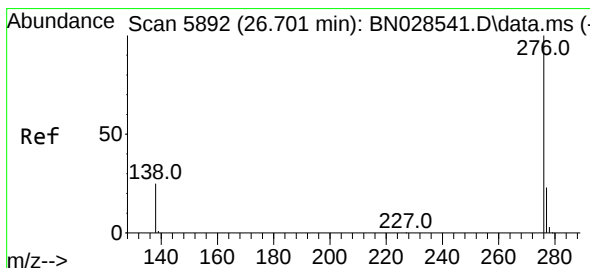
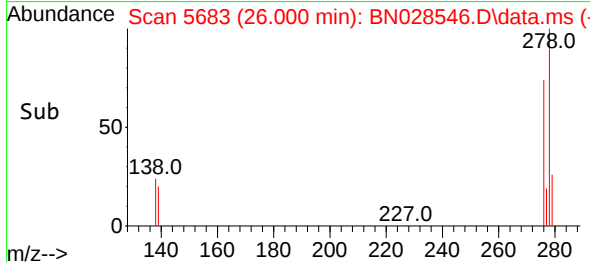
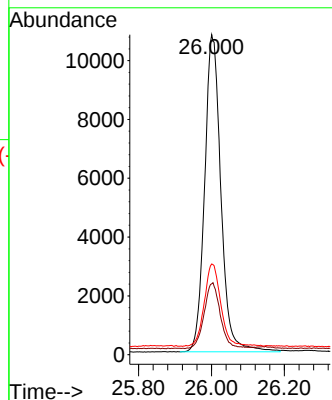
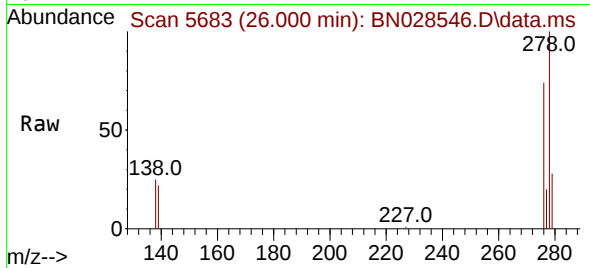




#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.000 min Scan# 5683
Delta R.T. -0.016 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Instrument :
BNA_N
ClientSampleId :
BHEE3MS

Tgt Ion:278 Resp: 33520
Ion Ratio Lower Upper
278 100
139 22.2 18.2 27.4
279 28.3 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 26.701 min Scan# 5892
Delta R.T. -0.016 min
Lab File: BN028546.D
Acq: 10 Nov 2023 08:21

Tgt Ion:276 Resp: 33188
Ion Ratio Lower Upper
276 100
138 26.1 20.5 30.7
277 24.7 19.4 29.0

