

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028817.D
 Acq On : 21 Nov 2023 19:06
 Operator : MA/JU
 Sample : PB156979BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS979

Quant Time: Nov 21 23:52:28 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 : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

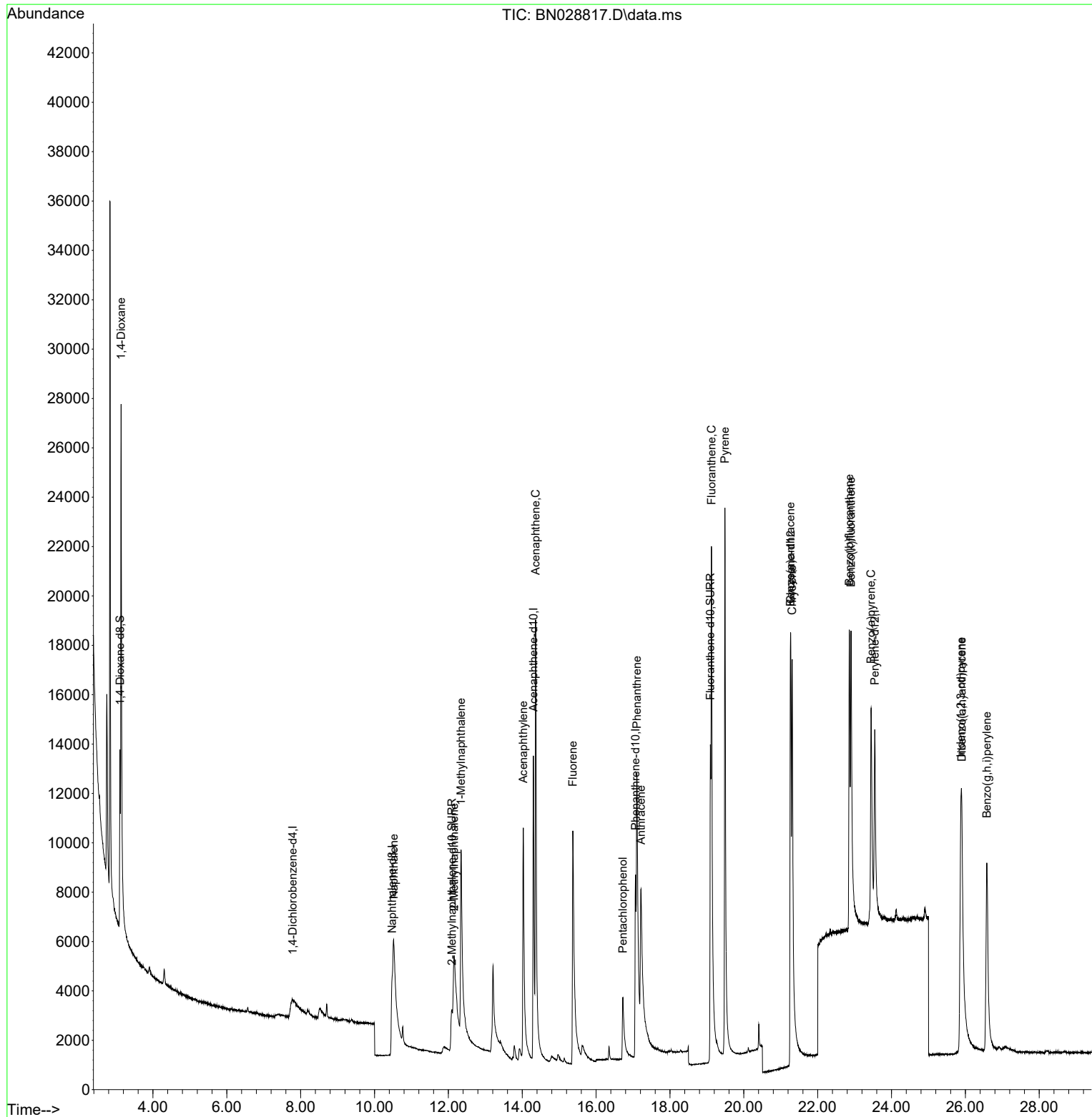
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	2471	0.400	ng/ul	# 0.05
4) Naphthalene-d8	10.473	136	12617	0.400	ng/ul	# 0.01
9) Acenaphthene-d10	14.302	164	10212	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.068	188	15031	0.400	ng/ul	0.00
17) Chrysene-d12	21.272	240	12688	0.400	ng/ul	# 0.00
23) Perylene-d12	23.546	264	12610	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.108	96	4900	1.794	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.096	152	6251	0.329	ng/ul	0.02
18) Fluoranthene-d10	19.094	212	20946	0.513	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.137	88	15540	5.148	ng/ul#	86
5) Naphthalene	10.523	128	15564	0.440	ng/ul#	94
7) 2-Methylnaphthalene	12.156	142	6863	0.295	ng/ul	97
8) 1-Methylnaphthalene	12.343	142	9817	0.415	ng/ul	99
10) Acenaphthylene	14.029	152	20695	0.406	ng/ul	97
11) Acenaphthene	14.362	153	15493	0.413	ng/ul	99
12) Fluorene	15.371	166	14228	0.326	ng/ul	97
14) Pentachlorophenol	16.722	266	3718	1.031	ng/ul	99
15) Phenanthrene	17.106	178	20393	0.442	ng/ul#	95
16) Anthracene	17.216	178	14415	0.340	ng/ul#	92
19) Fluoranthene	19.126	202	25476	0.472	ng/ul	100
20) Pyrene	19.489	202	28737	0.514	ng/ul	98
21) Benzo(a)anthracene	21.260	228	16176	0.322	ng/ul	98
22) Chrysene	21.310	228	20385	0.416	ng/ul	98
24) Benzo(b)fluoranthene	22.856	252	17568	0.371	ng/ul	83
25) Benzo(k)fluoranthene	22.906	252	22651	0.457	ng/ul#	88
26) Benzo(a)pyrene	23.446	252	19733	0.442	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.877	276	24370	0.492	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.904	278	18734	0.473	ng/ul#	90
29) Benzo(g,h,i)perylene	26.581	276	21116	0.520	ng/ul	96

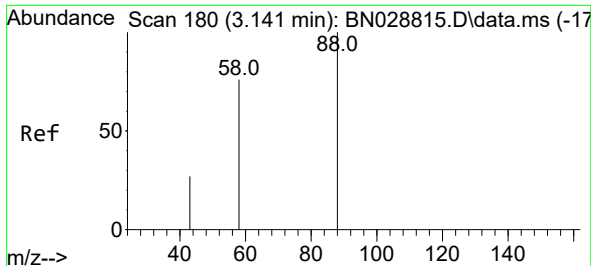
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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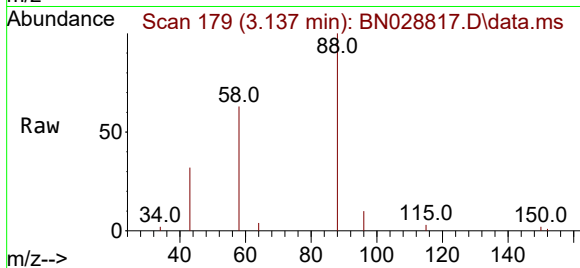
Quant Time: Nov 21 23:52:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
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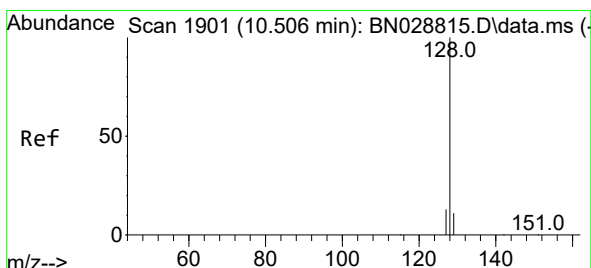
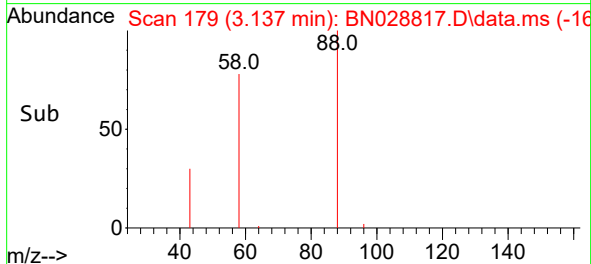
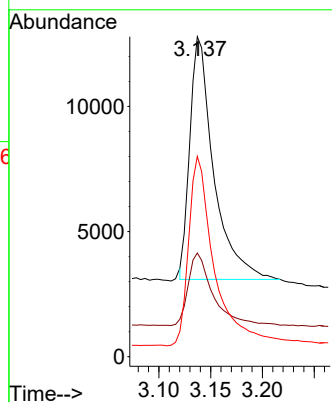


#2
1,4-Dioxane
Concen: 5.148 ng/ul
RT: 3.137 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Instrument :
BNA_N
ClientSampleId :
SLCS979

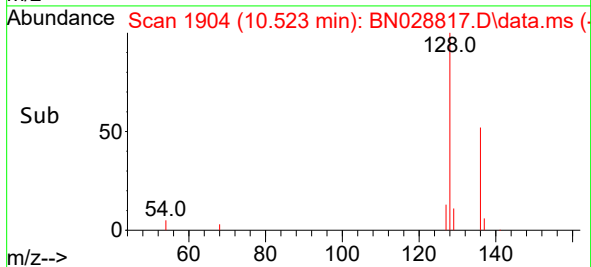
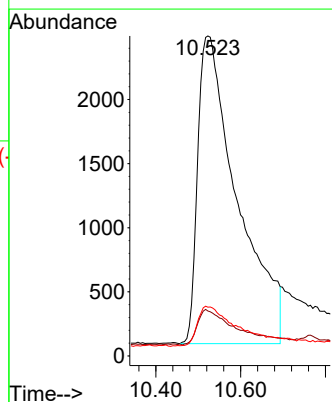
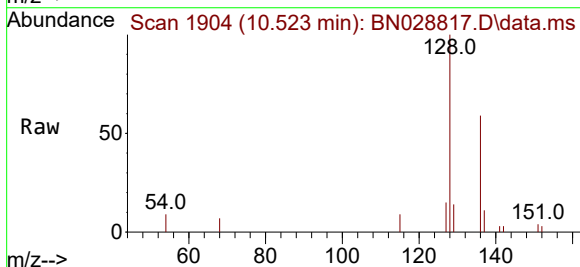


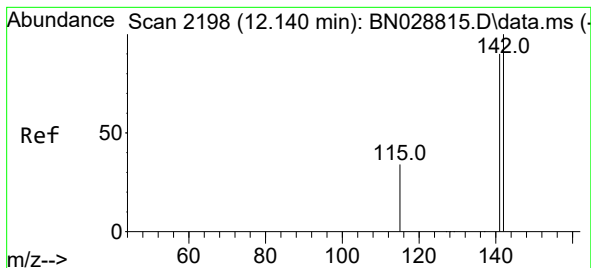
Tgt Ion: 88 Resp: 15540
Ion Ratio Lower Upper
88 100
43 32.4 32.9 49.3#
58 62.6 41.8 62.8



#5
Naphthalene
Concen: 0.440 ng/ul
RT: 10.523 min Scan# 1904
Delta R.T. 0.016 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion: 128 Resp: 15564
Ion Ratio Lower Upper
128 100
129 14.1 9.2 13.8#
127 15.3 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.295 ng/ul

RT: 12.156 min Scan# 21

Delta R.T. 0.016 min

Lab File: BN028817.D

Acq: 21 Nov 2023 19:06

Instrument :

BNA_N

ClientSampleId :

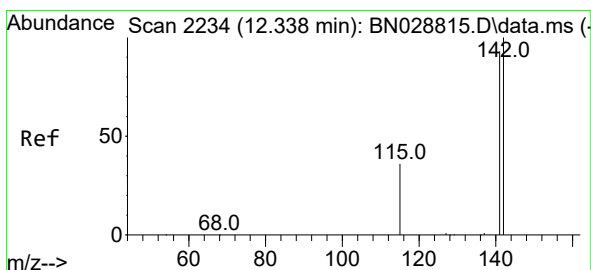
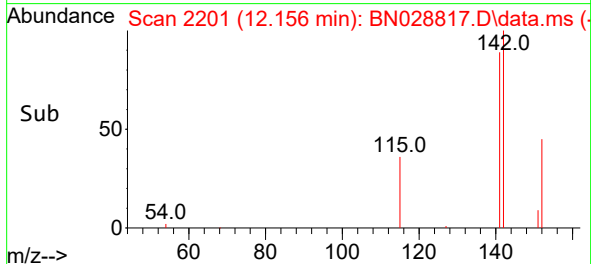
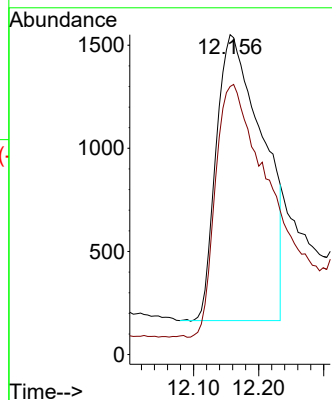
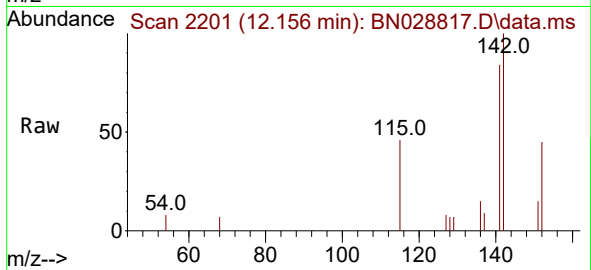
SLCS979

Tgt Ion:142 Resp: 6863

Ion Ratio Lower Upper

142 100

141 91.4 70.8 106.2



#8

1-Methylnaphthalene

Concen: 0.415 ng/ul

RT: 12.343 min Scan# 2235

Delta R.T. 0.005 min

Lab File: BN028817.D

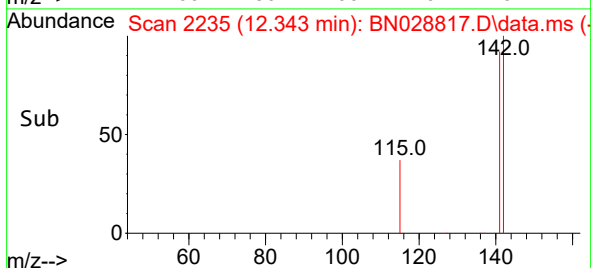
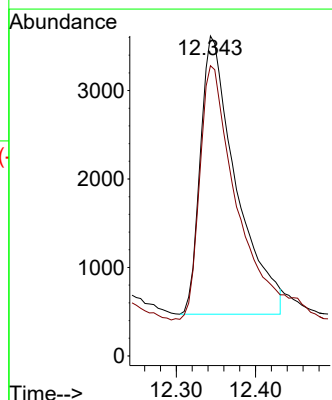
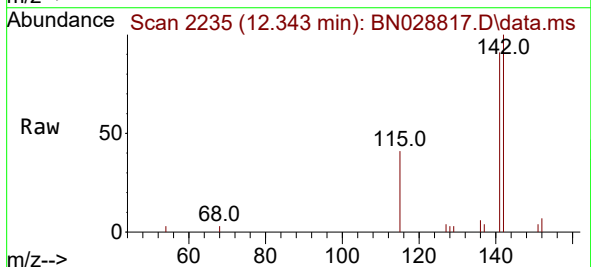
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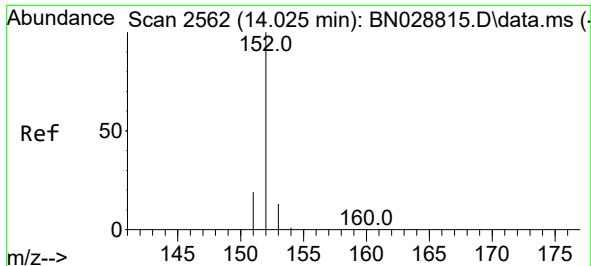
Tgt Ion:142 Resp: 9817

Ion Ratio Lower Upper

142 100

141 93.2 74.1 111.1

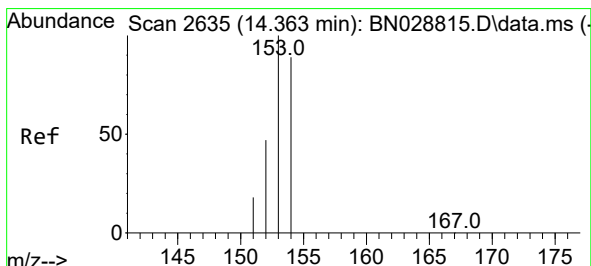
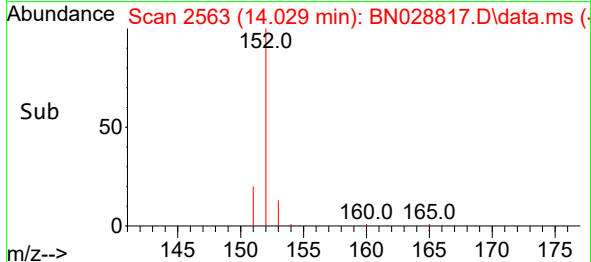
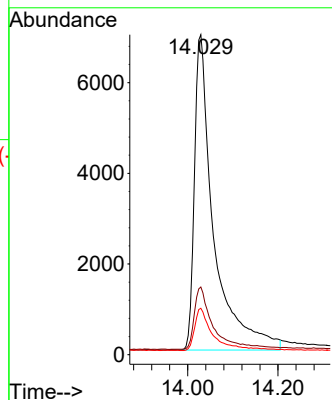
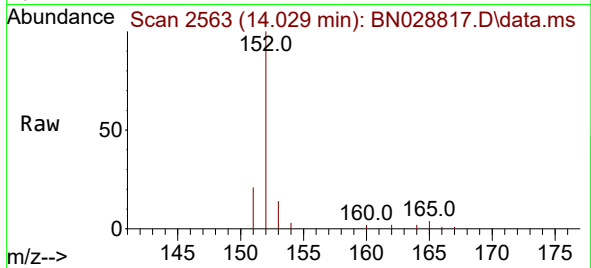




#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.029 min Scan# 2562
Delta R.T. 0.004 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

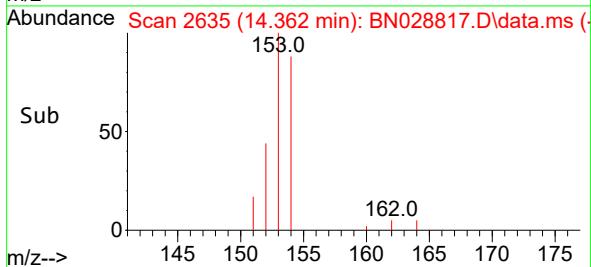
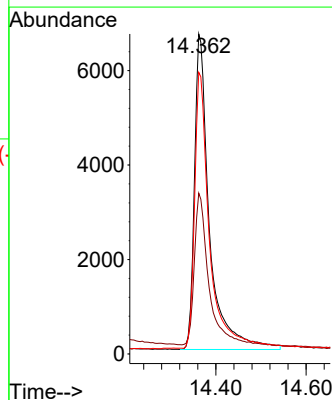
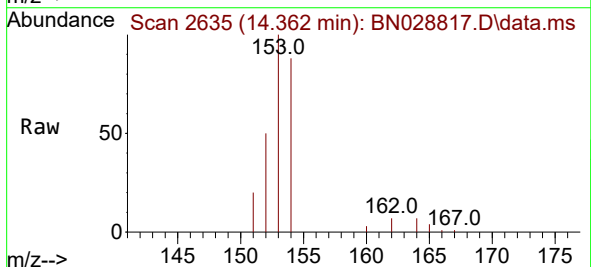
Instrument :
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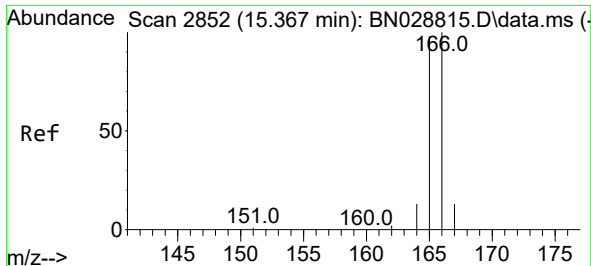
Tgt Ion:152 Resp: 20695
Ion Ratio Lower Upper
152 100
151 21.2 16.1 24.1
153 14.5 10.6 15.8



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.362 min Scan# 2635
Delta R.T. -0.001 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion:153 Resp: 15493
Ion Ratio Lower Upper
153 100
152 50.3 39.6 59.4
154 88.0 71.0 106.6

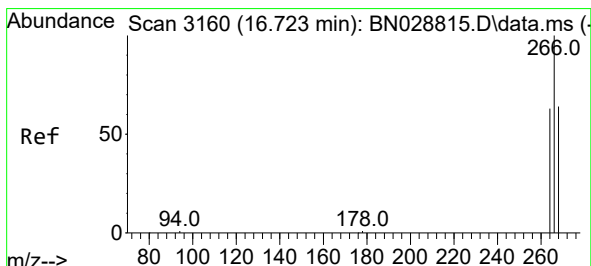
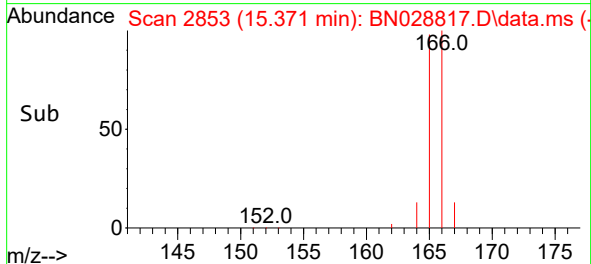
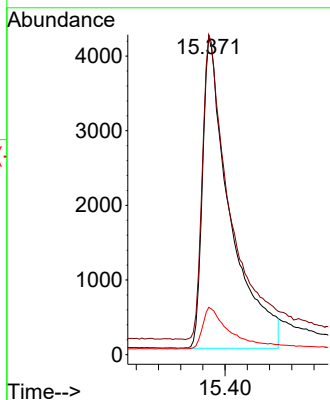
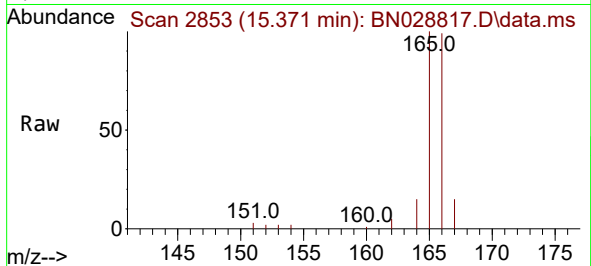




#12
 Fluorene
 Concen: 0.326 ng/ul
 RT: 15.371 min Scan# 2852
 Delta R.T. 0.004 min
 Lab File: BN028817.D
 Acq: 21 Nov 2023 19:06

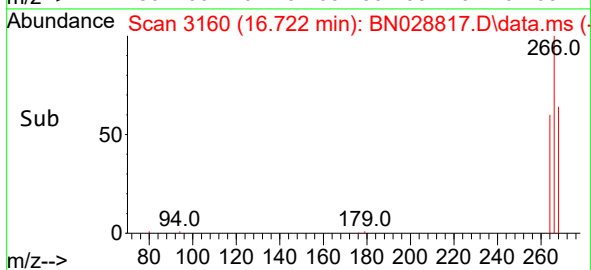
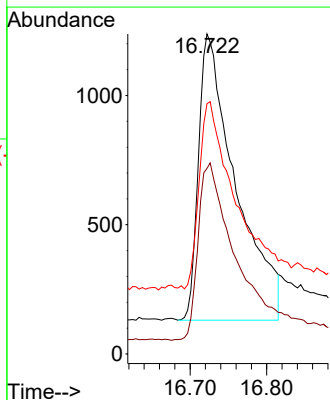
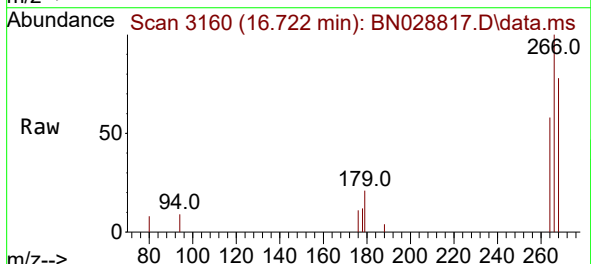
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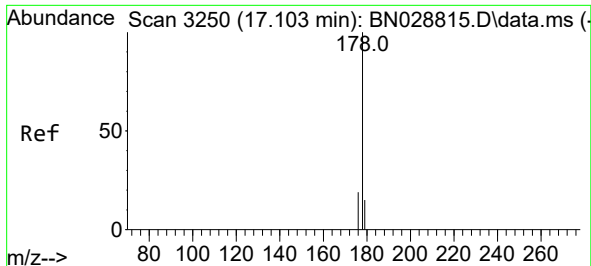
Tgt Ion:166 Resp: 14228
 Ion Ratio Lower Upper
 166 100
 165 101.0 78.6 118.0
 167 14.9 11.0 16.6



#14
 Pentachlorophenol
 Concen: 1.031 ng/ul
 RT: 16.722 min Scan# 3160
 Delta R.T. -0.001 min
 Lab File: BN028817.D
 Acq: 21 Nov 2023 19:06

Tgt Ion:266 Resp: 3718
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.1 75.1
 268 64.3 50.6 75.8

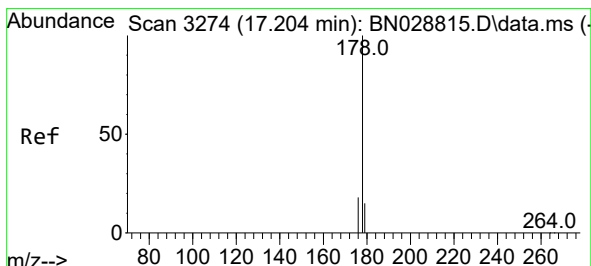
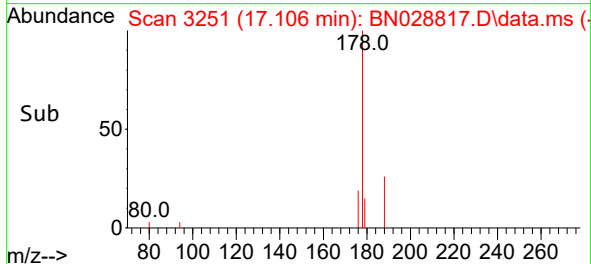
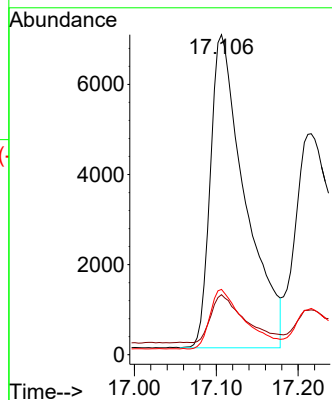
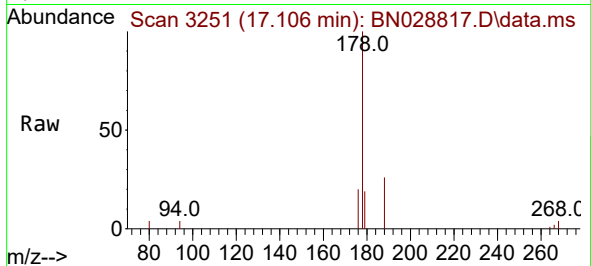




#15
Phenanthrene
Concen: 0.442 ng/ul
RT: 17.106 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

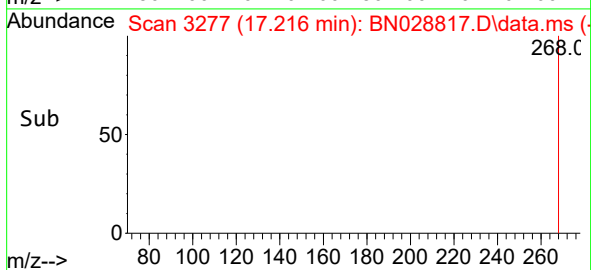
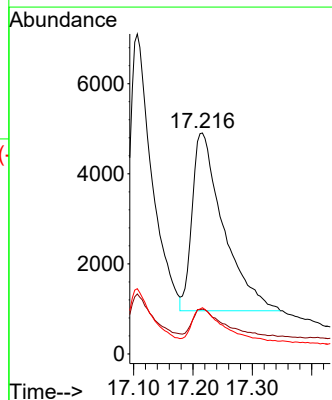
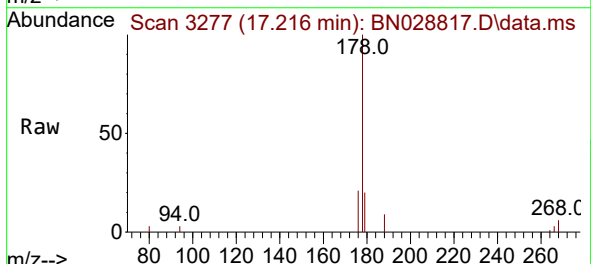
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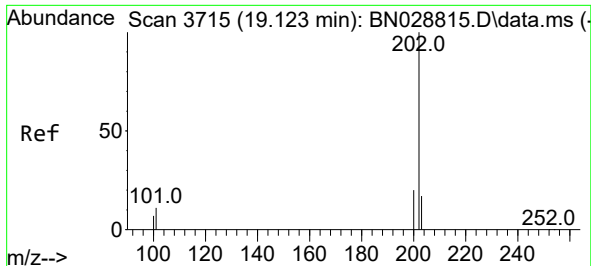
Tgt Ion:178 Resp: 20393
Ion Ratio Lower Upper
178 100
179 18.8 12.4 18.6#
176 20.4 15.4 23.2



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.216 min Scan# 3277
Delta R.T. 0.012 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion:178 Resp: 14415
Ion Ratio Lower Upper
178 100
179 20.2 12.6 18.8#
176 20.9 14.9 22.3

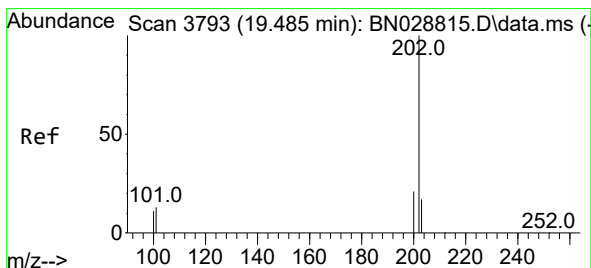
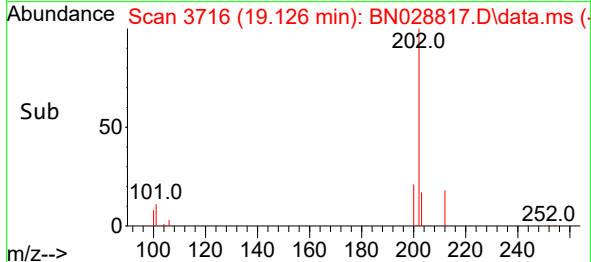
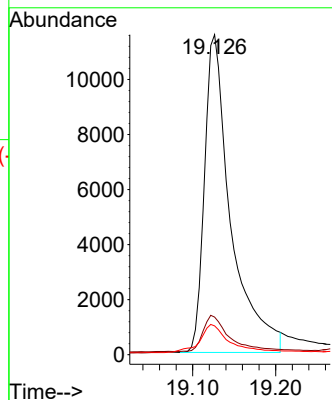
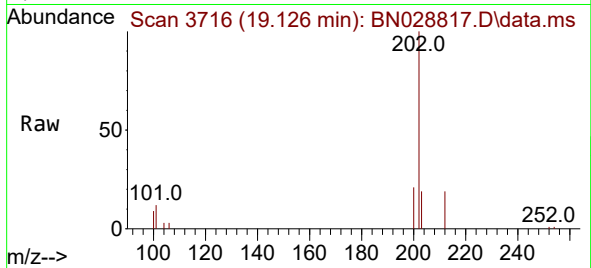




#19
Fluoranthene
Concen: 0.472 ng/ul
RT: 19.126 min Scan# 3715
Delta R.T. 0.004 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

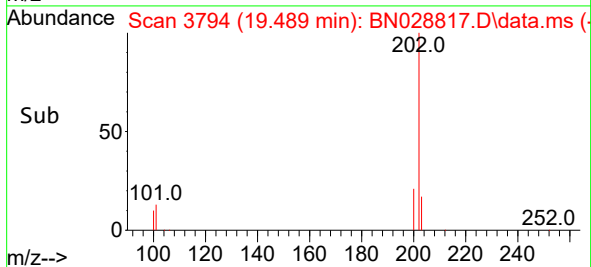
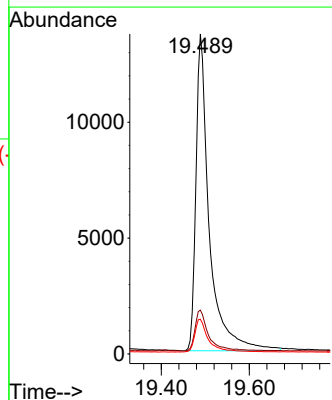
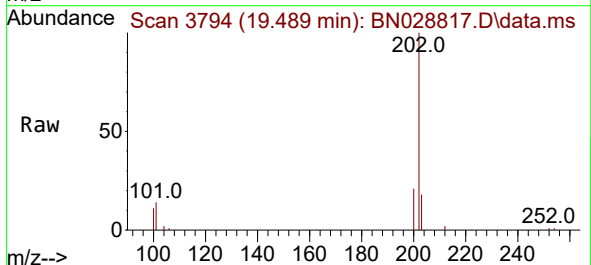
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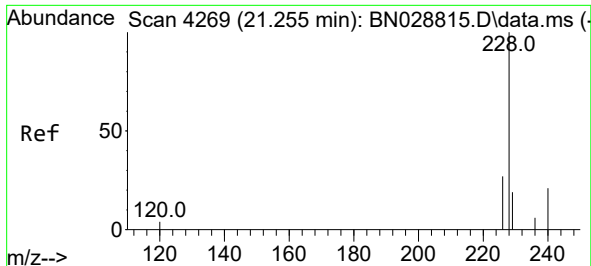
Tgt Ion:202 Resp: 25476
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.0 7.2 10.8



#20
Pyrene
Concen: 0.514 ng/ul
RT: 19.489 min Scan# 3794
Delta R.T. 0.004 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

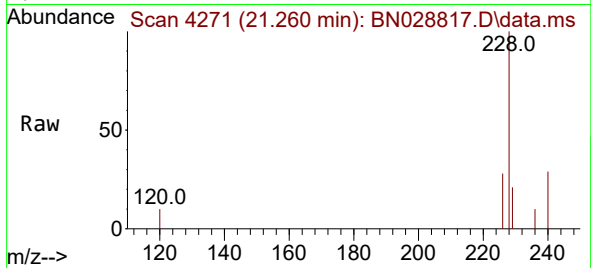
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Ion Ratio Lower Upper
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101 13.7 10.3 15.5
100 10.8 8.2 12.2



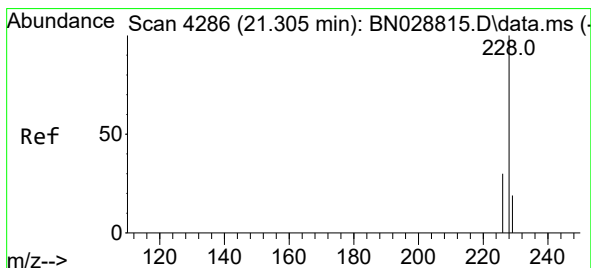
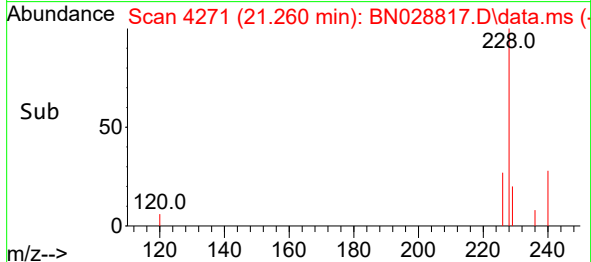
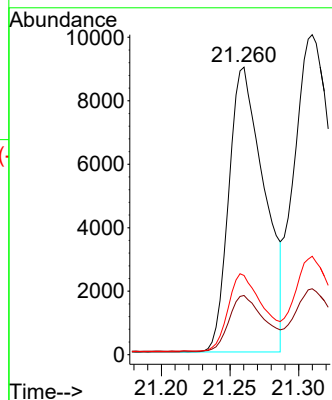


#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.260 min Scan# 4271
Delta R.T. 0.005 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Instrument :
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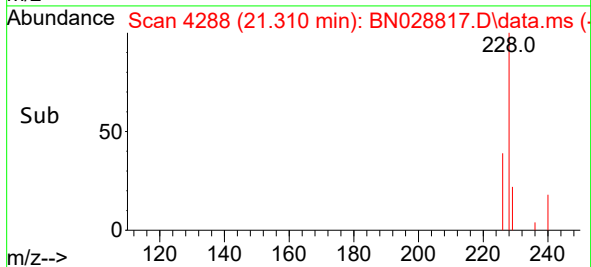
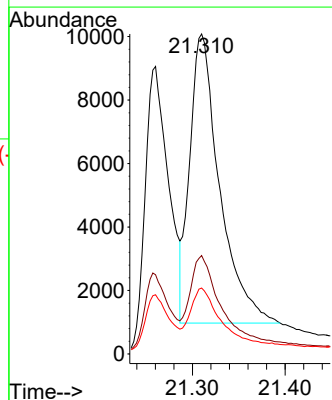
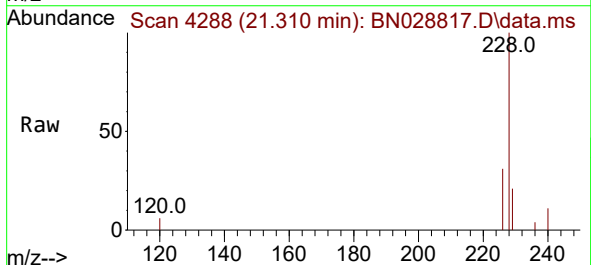


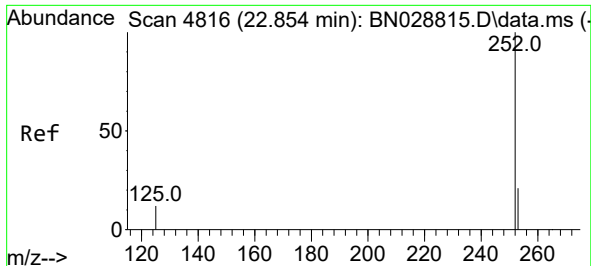
Tgt Ion:228 Resp: 16176
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 27.5 21.4 32.0



#22
Chrysene
Concen: 0.416 ng/ul
RT: 21.310 min Scan# 4288
Delta R.T. 0.005 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion:228 Resp: 20385
Ion Ratio Lower Upper
228 100
226 30.8 23.8 35.8
229 20.6 15.4 23.2

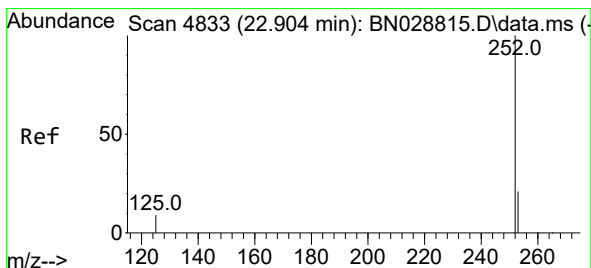
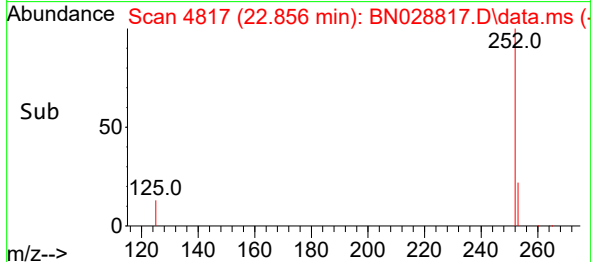
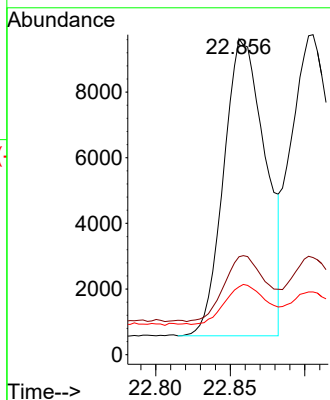
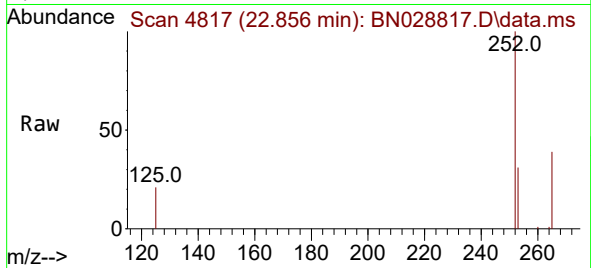




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 22.856 min Scan# 4816
Delta R.T. 0.002 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

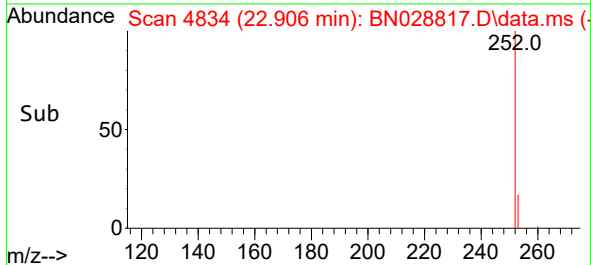
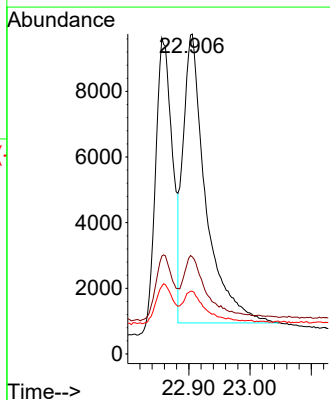
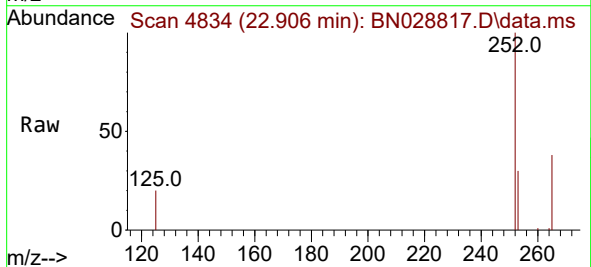
Instrument :
BNA_N
ClientSampleId :
SLCS979

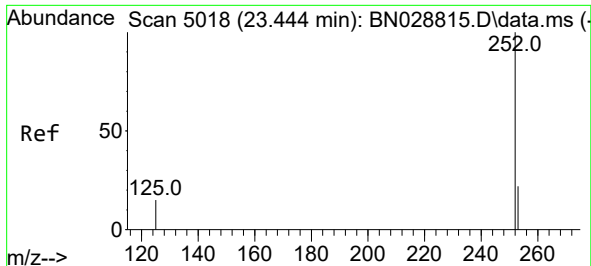
Tgt Ion:252 Resp: 17568
Ion Ratio Lower Upper
252 100
253 31.0 0.0 46.6
125 21.5 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.457 ng/ul
RT: 22.906 min Scan# 4834
Delta R.T. 0.002 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion:252 Resp: 22651
Ion Ratio Lower Upper
252 100
253 30.4 18.6 28.0#
125 19.6 12.7 19.1#

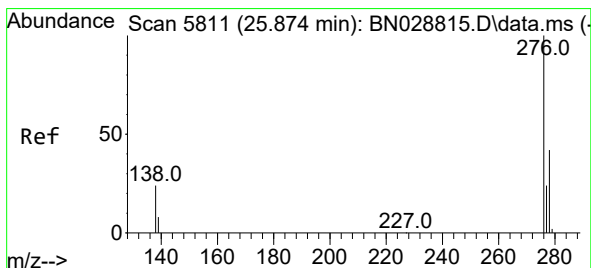
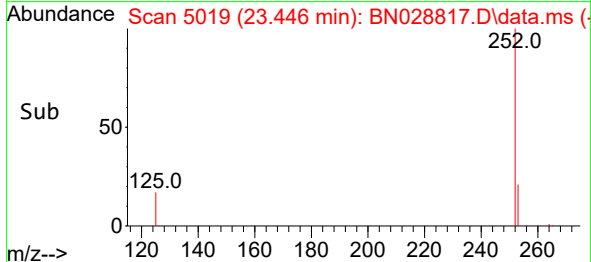
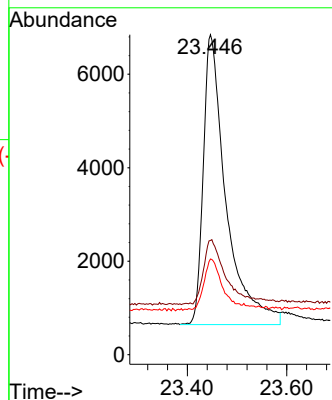
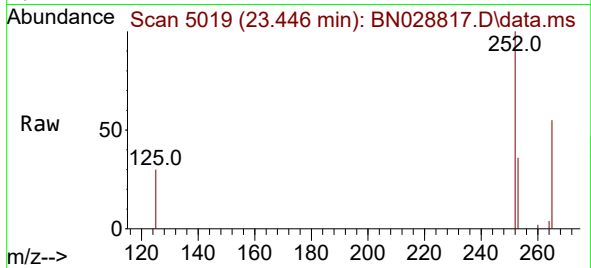




#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.446 min Scan# 5018
Delta R.T. 0.002 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

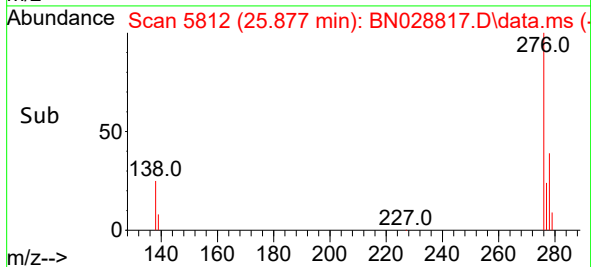
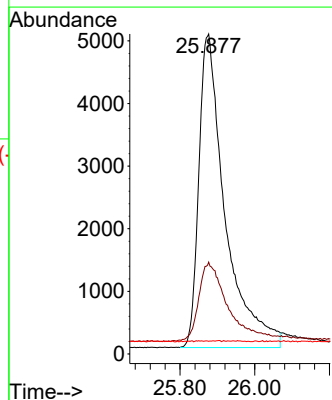
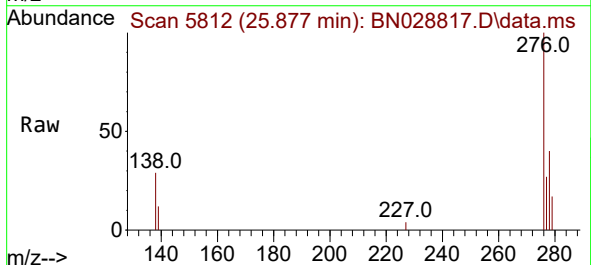
Instrument :
BNA_N
ClientSampleId :
SLCS979

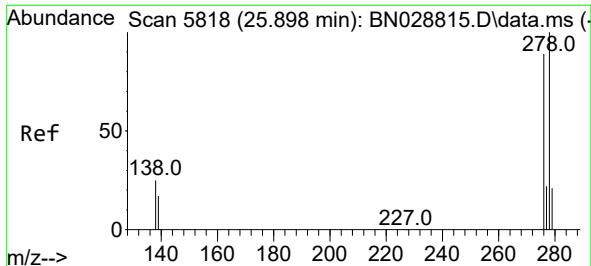
Tgt Ion:252 Resp: 19733
Ion Ratio Lower Upper
252 100
253 35.7 19.0 28.6#
125 29.9 13.2 19.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.492 ng/ul
RT: 25.877 min Scan# 5812
Delta R.T. 0.002 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion:276 Resp: 24370
Ion Ratio Lower Upper
276 100
138 28.0 23.8 35.6
227 0.0 0.1 0.1#

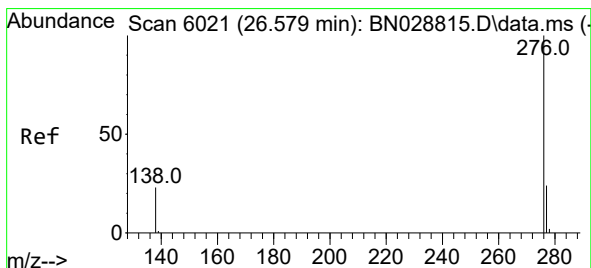
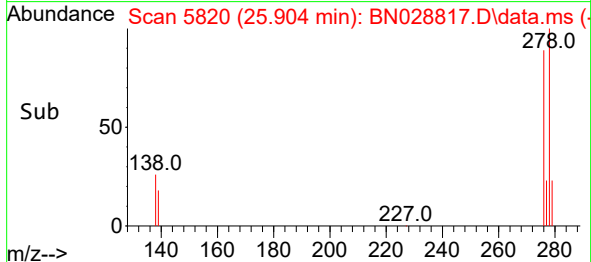
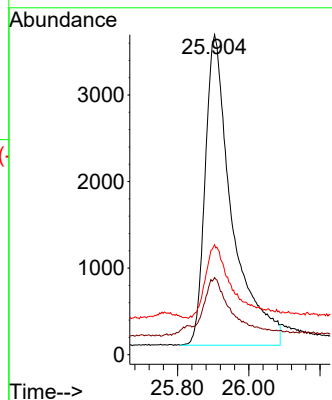
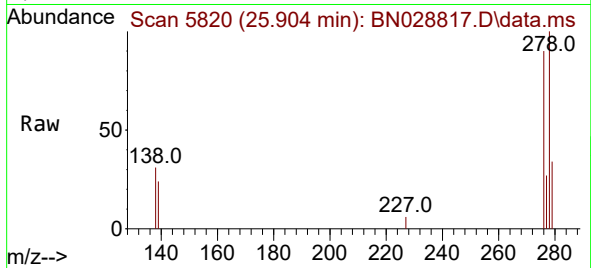




#28
Dibenzo(a,h)anthracene
Concen: 0.473 ng/ul
RT: 25.904 min Scan# 5818
Delta R.T. 0.006 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Instrument :
BNA_N
ClientSampleId :
SLCS979

Tgt Ion:278 Resp: 18734
Ion Ratio Lower Upper
278 100
139 24.1 18.2 27.4
279 34.3 20.7 31.1#



#29
Benzo(g,h,i)perylene
Concen: 0.520 ng/ul
RT: 26.581 min Scan# 6022
Delta R.T. 0.002 min
Lab File: BN028817.D
Acq: 21 Nov 2023 19:06

Tgt Ion:276 Resp: 21116
Ion Ratio Lower Upper
276 100
138 27.5 20.5 30.7
277 26.1 19.4 29.0

