

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110923\
 Data File : BN028526.D
 Acq On : 09 Nov 2023 19:44
 Operator : MA/JU
 Sample : PB156743BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS743

Quant Time: Nov 09 23:45:01 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

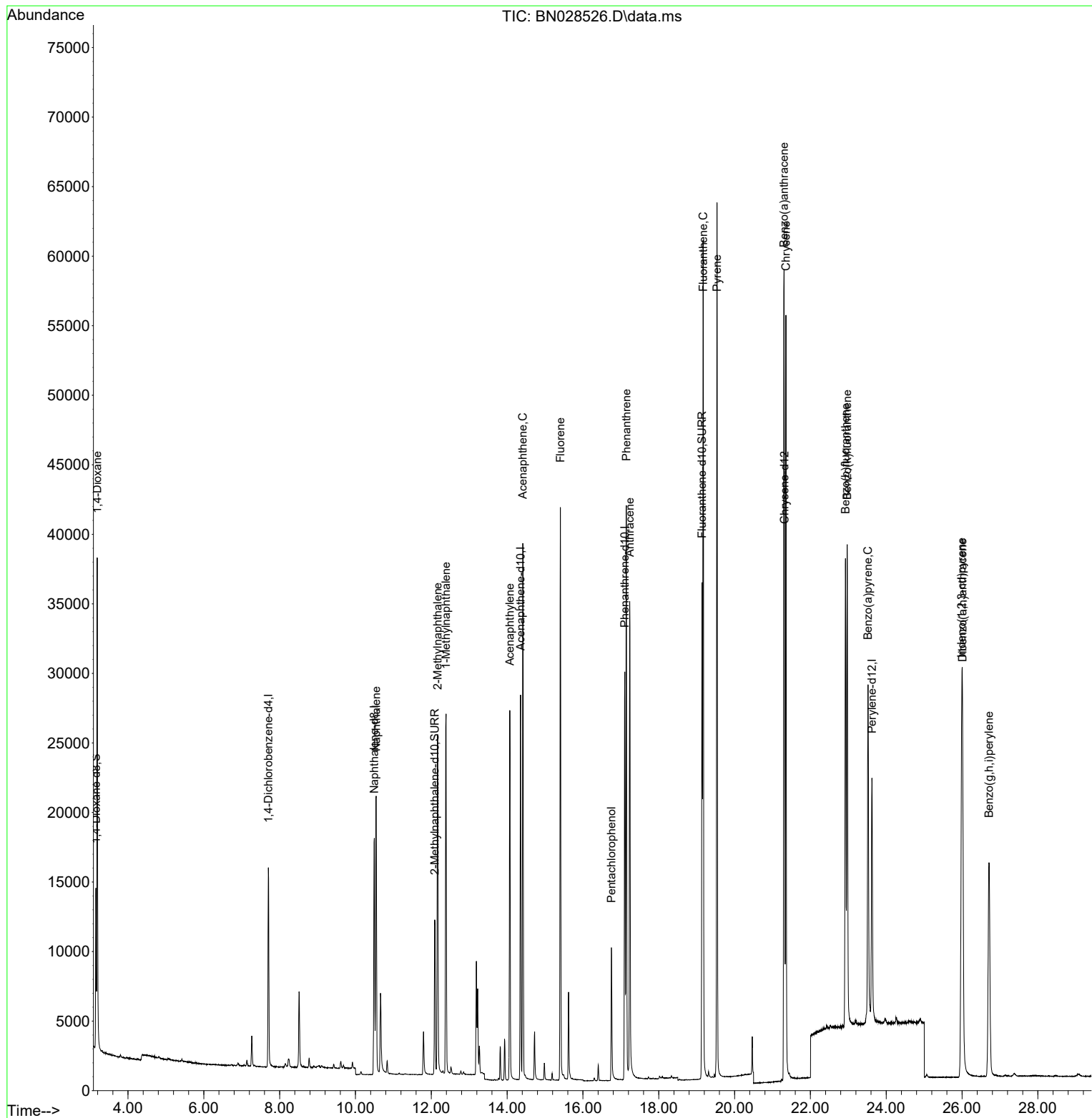
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	7590	0.400	ng/ul	0.00
4) Naphthalene-d8	10.496	136	23795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	14620	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	33762	0.400	ng/ul	0.00
17) Chrysene-d12	21.318	240	26170	0.400	ng/ul	0.00
23) Perylene-d12	23.624	264	24003	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.155	96	6881	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.091	152	14839	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	37688	0.448	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.189	88	21728	2.343	ng/ul#	78
5) Naphthalene	10.546	128	27747	0.416	ng/ul	99
7) 2-Methylnaphthalene	12.168	142	18292	0.416	ng/ul	100
8) 1-Methylnaphthalene	12.388	142	18038	0.404	ng/ul	99
10) Acenaphthylene	14.071	152	29981	0.411	ng/ul	100
11) Acenaphthene	14.414	153	22155	0.413	ng/ul	99
12) Fluorene	15.404	166	25975	0.416	ng/ul	100
14) Pentachlorophenol	16.753	266	6764	0.835	ng/ul	99
15) Phenanthrene	17.145	178	43398	0.418	ng/ul	99
16) Anthracene	17.234	178	38878	0.409	ng/ul	99
19) Fluoranthene	19.169	202	50953	0.458	ng/ul	100
20) Pyrene	19.536	202	52475	0.455	ng/ul	99
21) Benzo(a)anthracene	21.300	228	45783	0.442	ng/ul	99
22) Chrysene	21.353	228	46572	0.460	ng/ul	100
24) Benzo(b)fluoranthene	22.925	252	42531	0.472	ng/ul	99
25) Benzo(k)fluoranthene	22.972	252	44550	0.472	ng/ul	99
26) Benzo(a)pyrene	23.519	252	38106	0.448	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.990	276	41283	0.437	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.013	278	32899	0.436	ng/ul	98
29) Benzo(g,h,i)perylene	26.711	276	33781	0.437	ng/ul	98

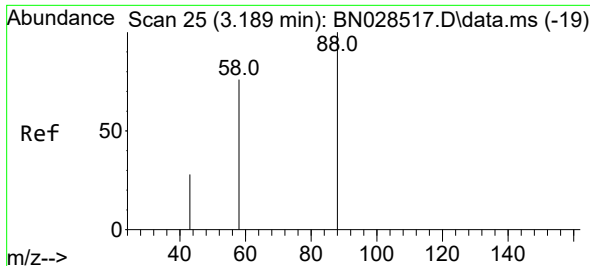
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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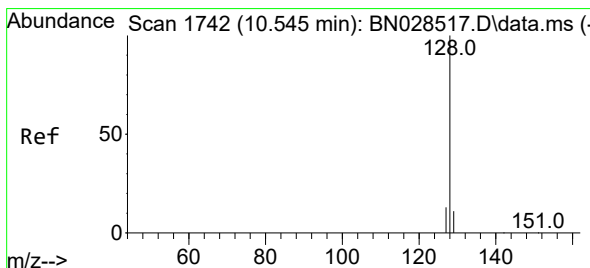
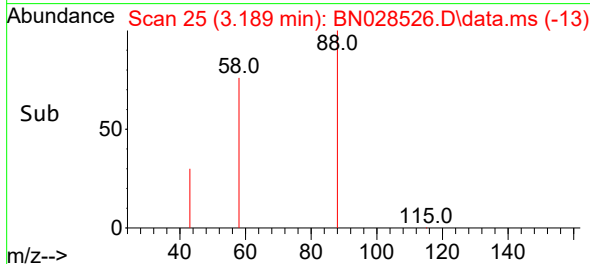
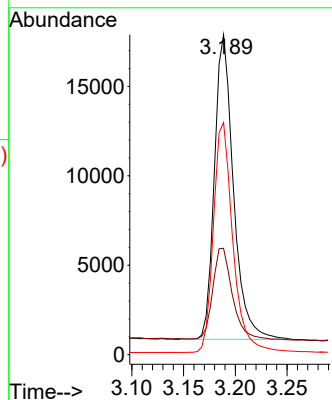
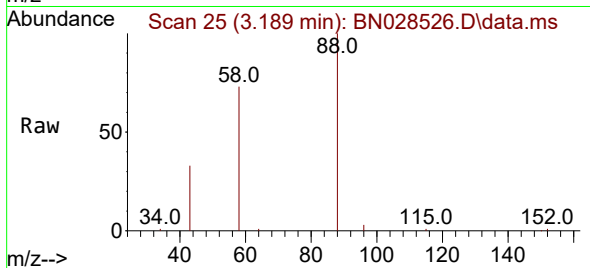




#2
1,4-Dioxane
Concen: 2.343 ng/ul
RT: 3.189 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

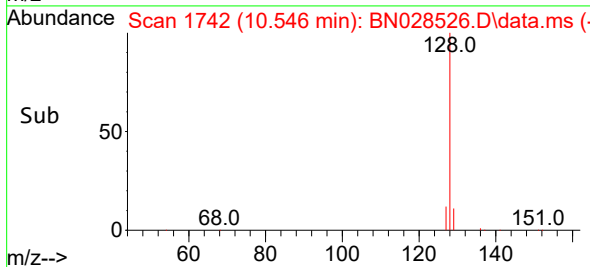
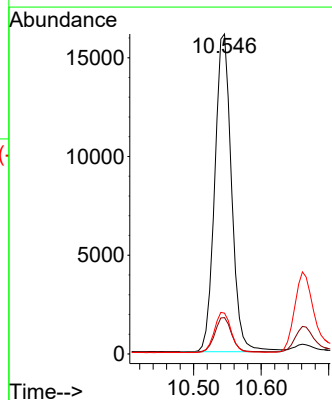
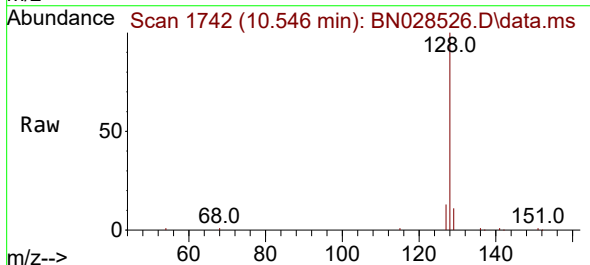
Instrument :
BNA_N
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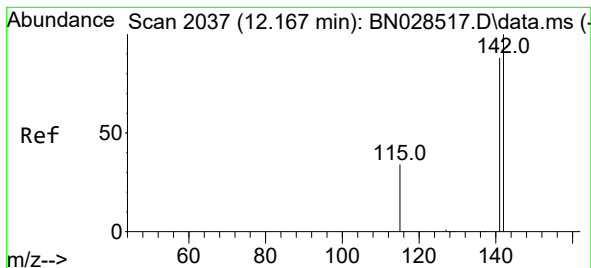
Tgt Ion: 88 Resp: 21728
Ion Ratio Lower Upper
88 100
43 33.2 32.9 49.3
58 72.5 41.8 62.8#



#5
Naphthalene
Concen: 0.416 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion: 128 Resp: 27747
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 12.7 10.7 16.1

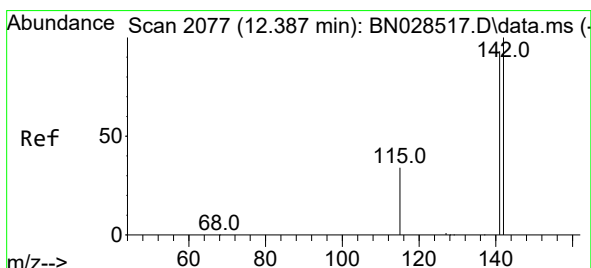
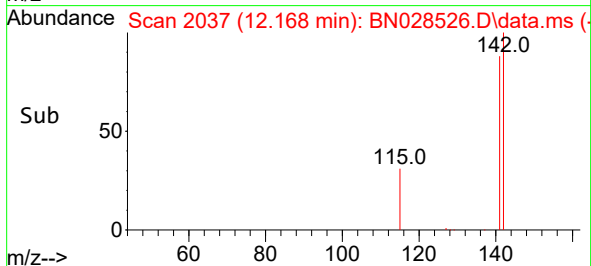
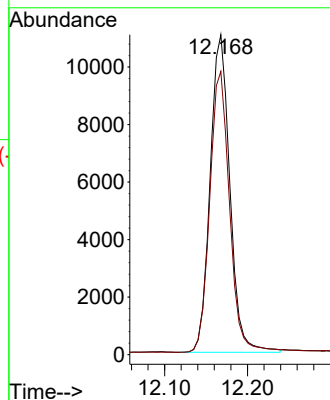
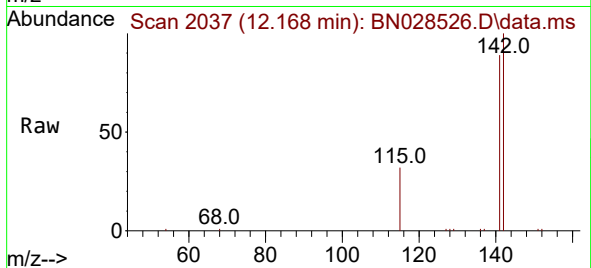




#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.168 min Scan# 2037
Delta R.T. 0.001 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

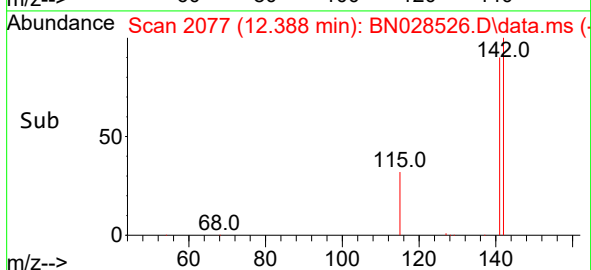
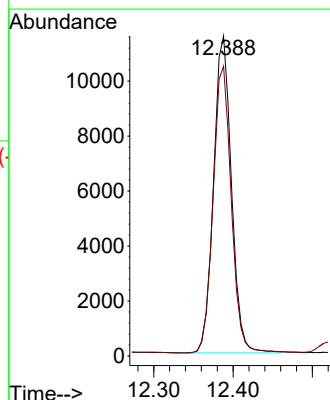
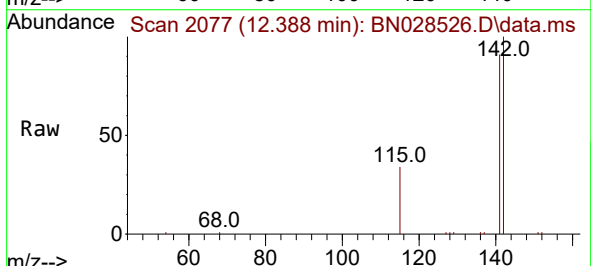
Instrument :
BNA_N
ClientSampleId :
SLCS743

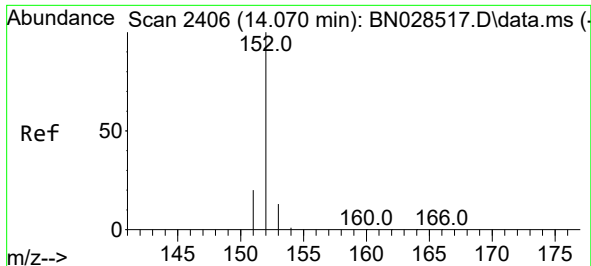
Tgt Ion:142 Resp: 18292
Ion Ratio Lower Upper
142 100
141 88.9 70.8 106.2



#8
1-Methylnaphthalene
Concen: 0.404 ng/ul
RT: 12.388 min Scan# 2077
Delta R.T. 0.001 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:142 Resp: 18038
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1

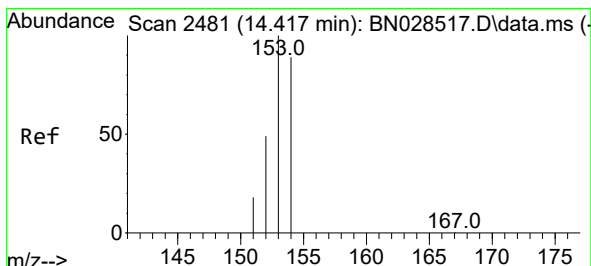
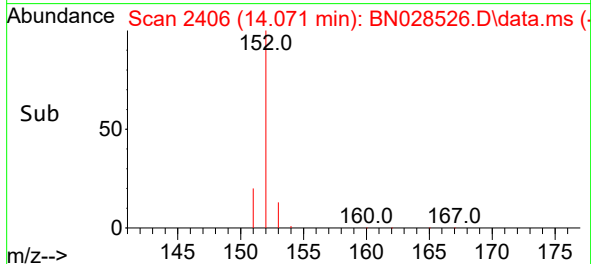
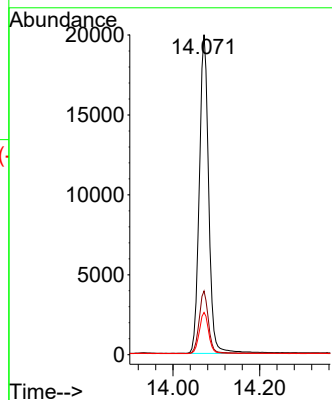
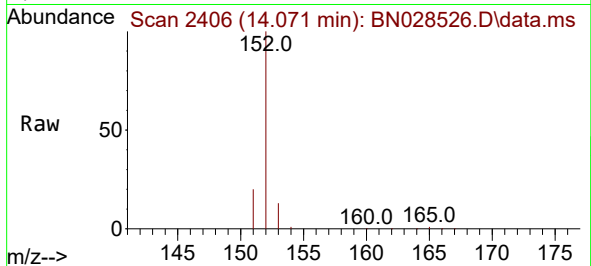




#10
Acenaphthylene
Concen: 0.411 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

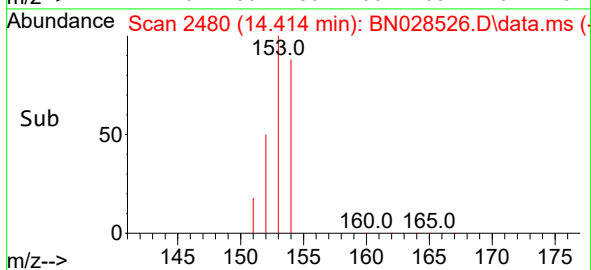
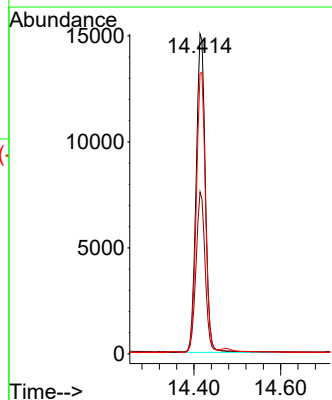
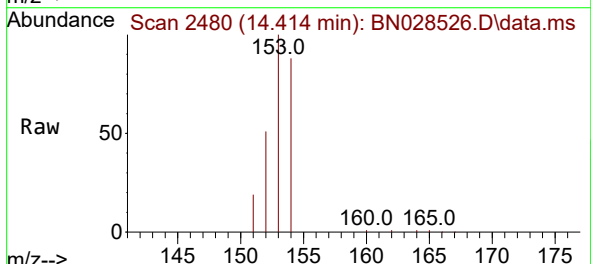
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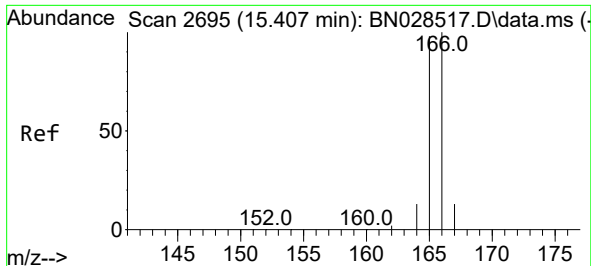
Tgt Ion:152 Resp: 29981
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.2 10.6 15.8



#11
Acenaphthene
Concen: 0.413 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.004 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:153 Resp: 22155
Ion Ratio Lower Upper
153 100
152 50.6 39.6 59.4
154 87.7 71.0 106.6

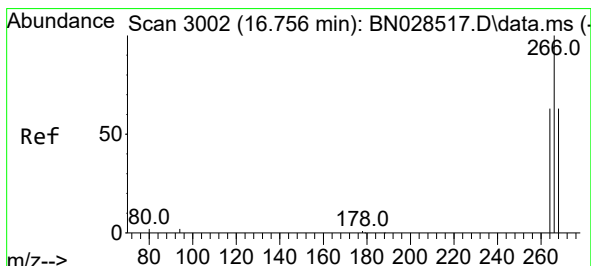
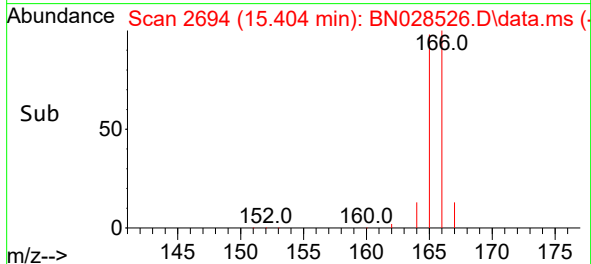
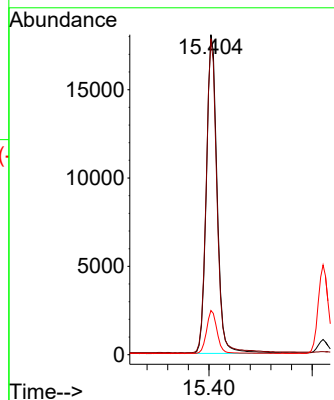
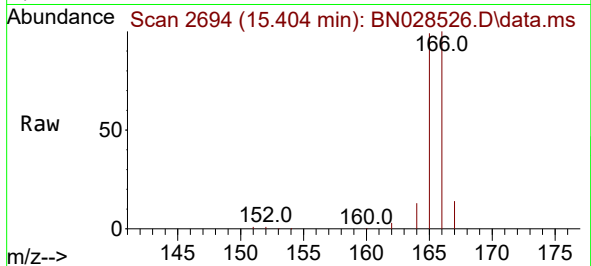




#12
Fluorene
Concen: 0.416 ng/ul
RT: 15.404 min Scan# 20
Delta R.T. -0.004 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

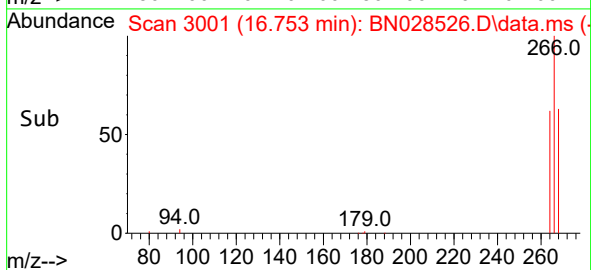
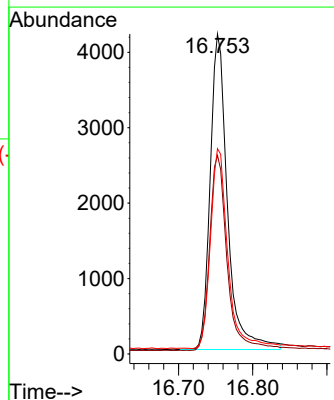
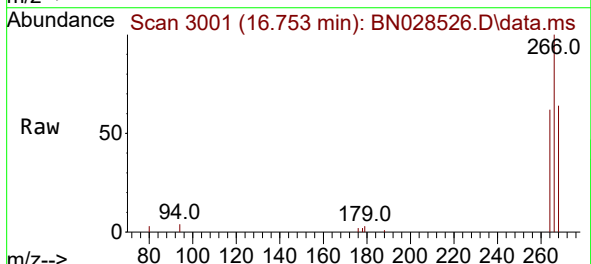
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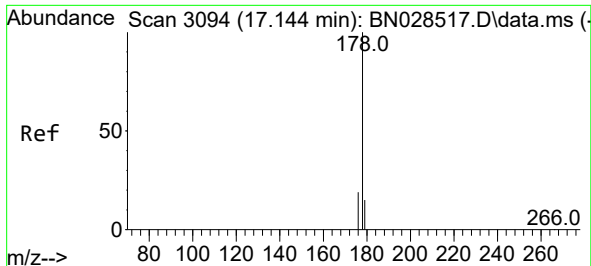
Tgt Ion:166 Resp: 25975
Ion Ratio Lower Upper
166 100
165 98.8 78.6 118.0
167 13.8 11.0 16.6



#14
Pentachlorophenol
Concen: 0.835 ng/ul
RT: 16.753 min Scan# 3001
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:266 Resp: 6764
Ion Ratio Lower Upper
266 100
264 62.5 50.1 75.1
268 64.1 50.6 75.8

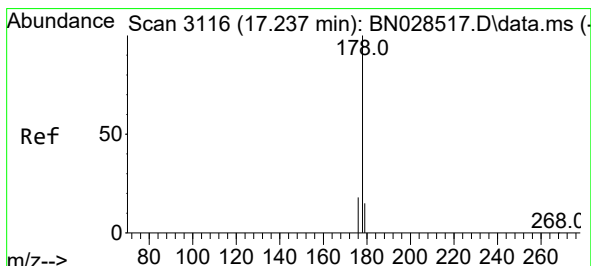
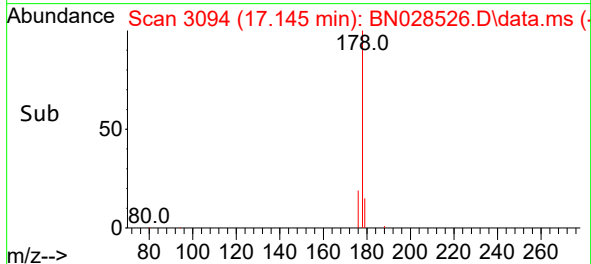
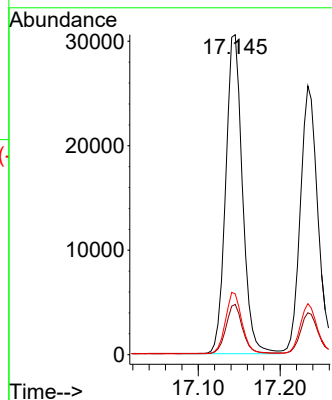
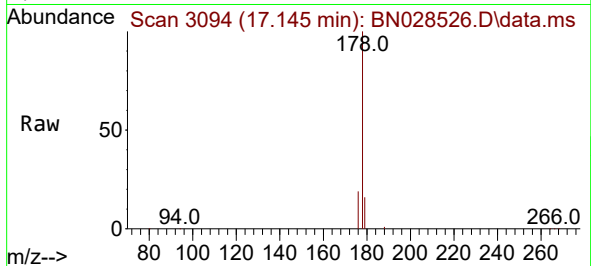




#15
Phenanthrene
Concen: 0.418 ng/ul
RT: 17.145 min Scan# 3094
Delta R.T. 0.001 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

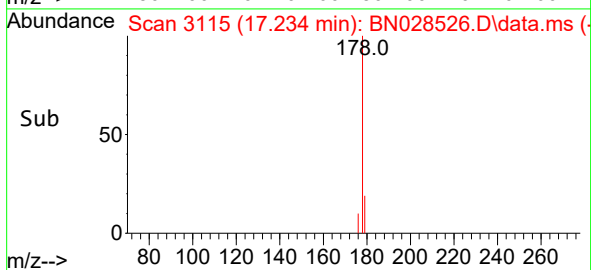
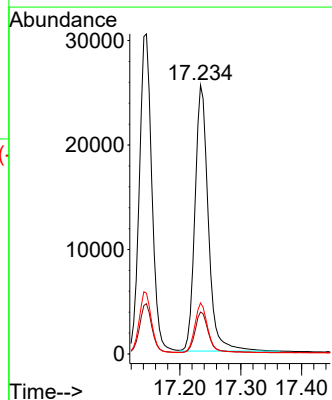
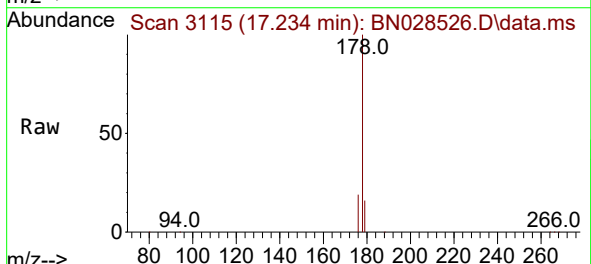
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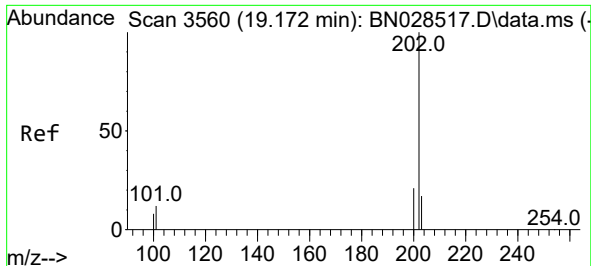
Tgt Ion:178 Resp: 43398
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 15.4 23.2



#16
Anthracene
Concen: 0.409 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:178 Resp: 38878
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.0 14.9 22.3

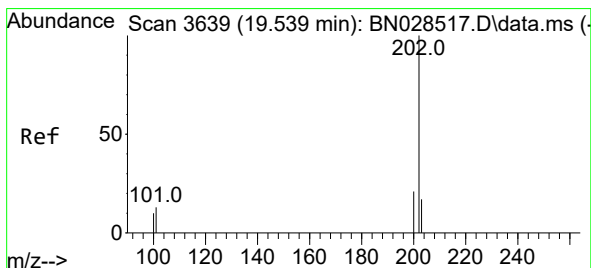
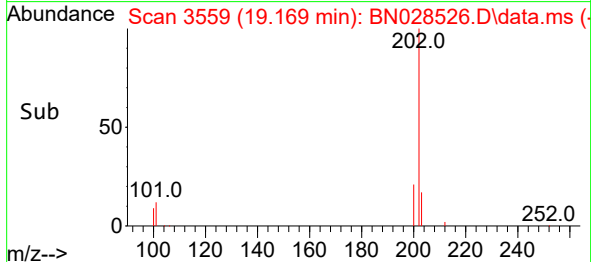
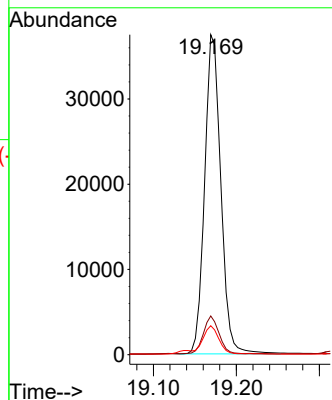
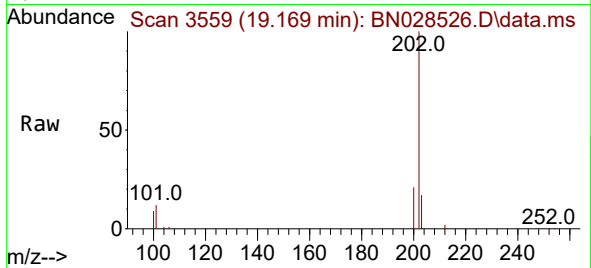




#19
Fluoranthene
Concen: 0.458 ng/ul
RT: 19.169 min Scan# 3559
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

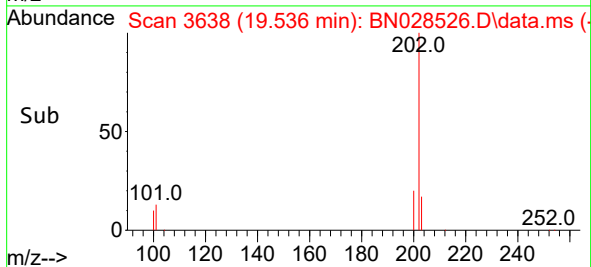
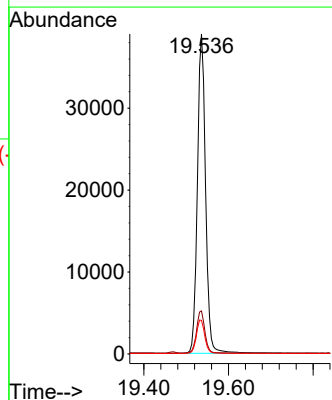
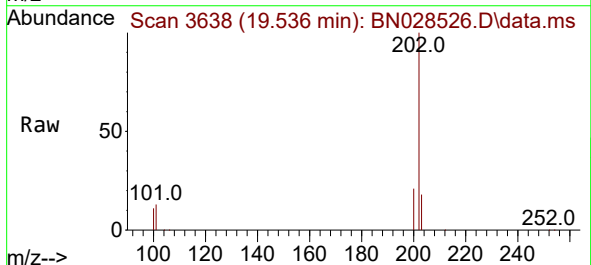
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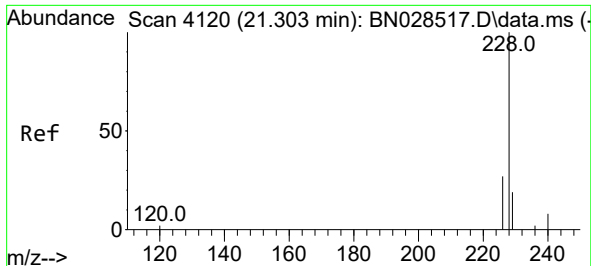
Tgt Ion:202 Resp: 50953
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.1 7.2 10.8



#20
Pyrene
Concen: 0.455 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

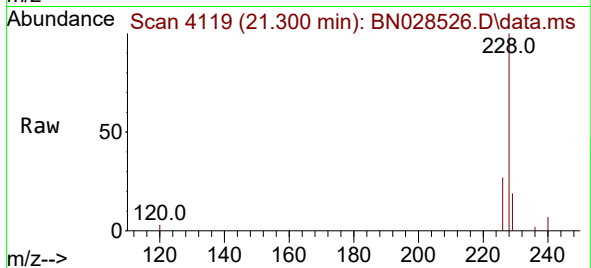
Tgt Ion:202 Resp: 52475
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.5 8.2 12.2



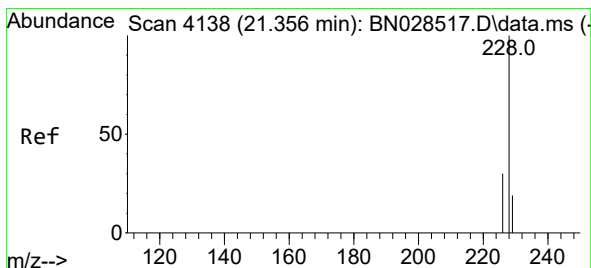
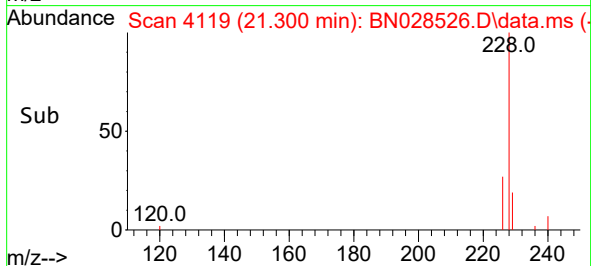
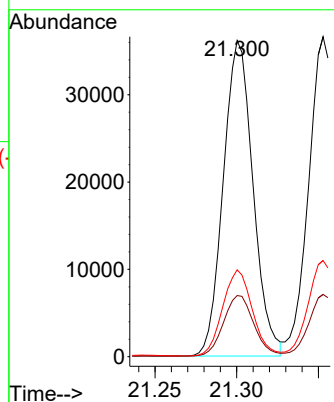


#21
Benzo(a)anthracene
Concen: 0.442 ng/ul
RT: 21.300 min Scan# 4119
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Instrument :
BNA_N
ClientSampleId :
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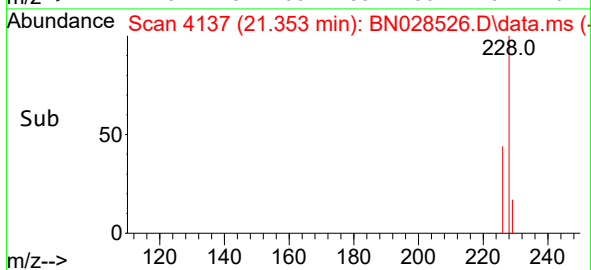
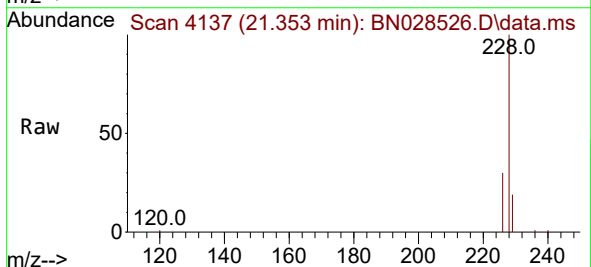
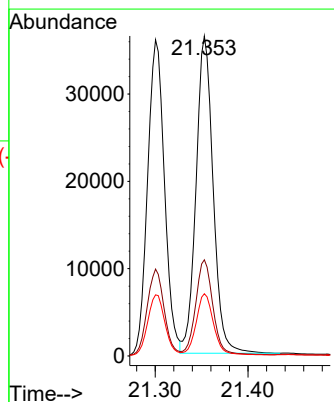


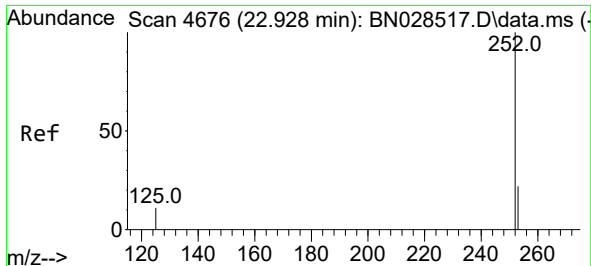
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Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.5 21.4 32.0



#22
Chrysene
Concen: 0.460 ng/ul
RT: 21.353 min Scan# 4137
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:228 Resp: 46572
Ion Ratio Lower Upper
228 100
226 30.0 23.8 35.8
229 19.4 15.4 23.2

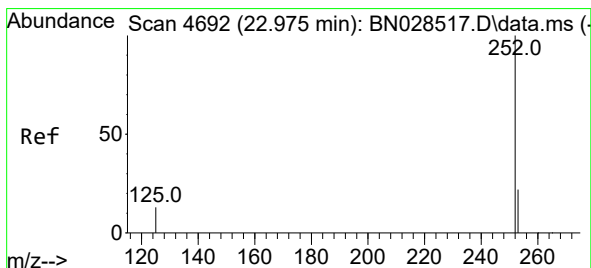
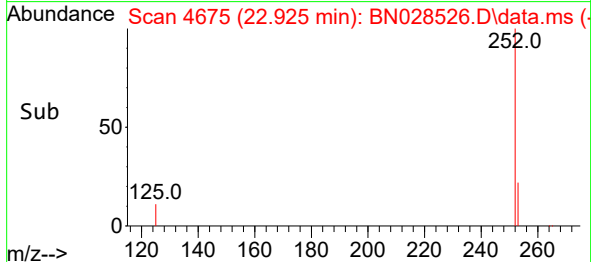
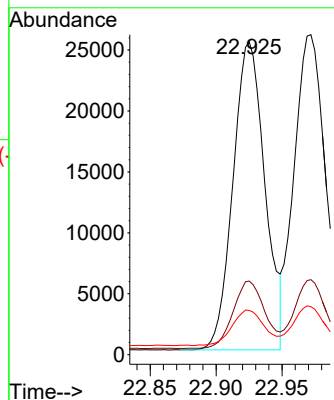
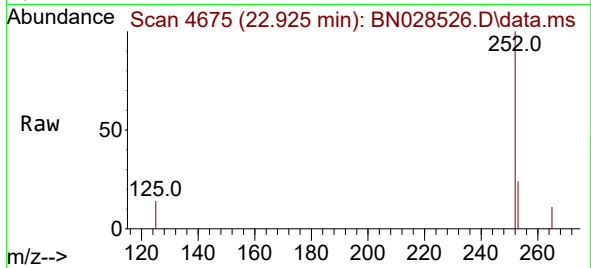




#24
Benzo(b)fluoranthene
Concen: 0.472 ng/ul
RT: 22.925 min Scan# 4675
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

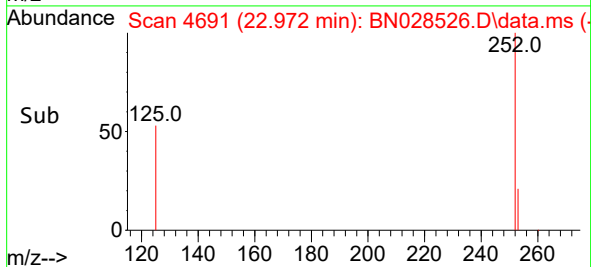
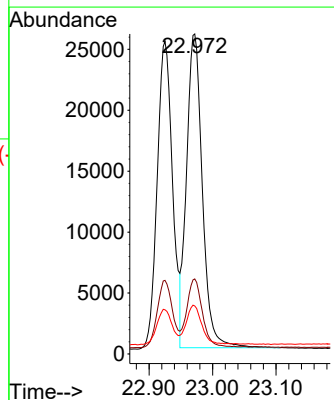
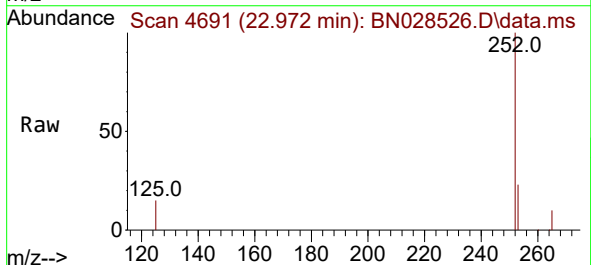
Instrument :
BNA_N
ClientSampleId :
SLCS743

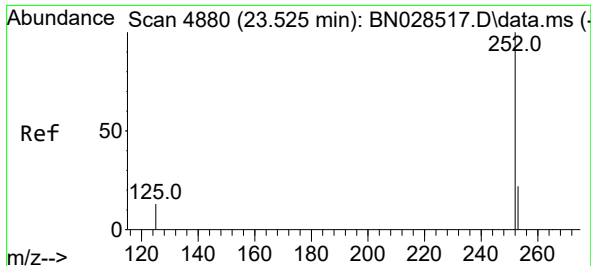
Tgt Ion:252 Resp: 42531
Ion Ratio Lower Upper
252 100
253 23.5 0.0 46.6
125 14.1 0.0 27.6



#25
Benzo(k)fluoranthene
Concen: 0.472 ng/ul
RT: 22.972 min Scan# 4691
Delta R.T. -0.003 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:252 Resp: 44550
Ion Ratio Lower Upper
252 100
253 23.5 18.6 28.0
125 15.0 12.7 19.1

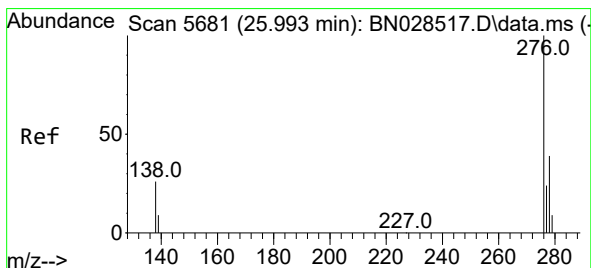
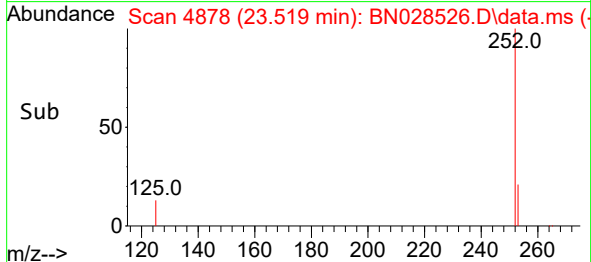
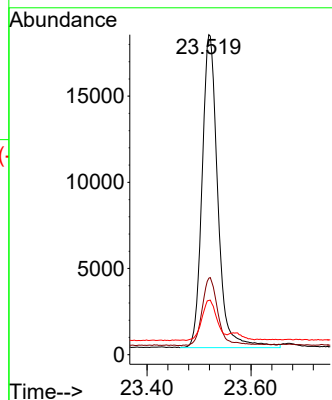
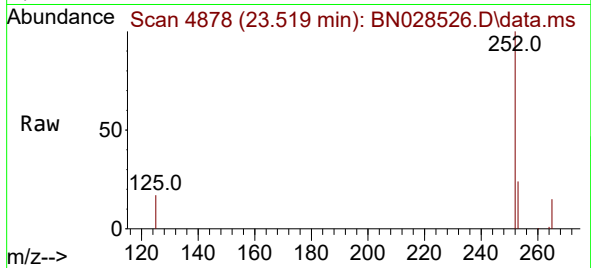




#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.519 min Scan# 4880
Delta R.T. -0.006 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

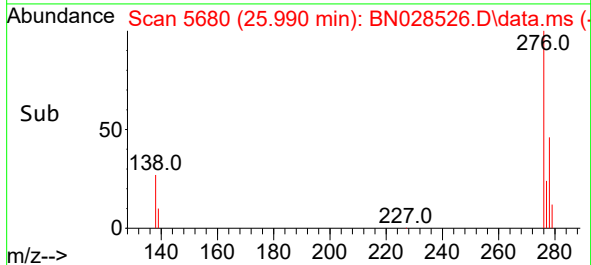
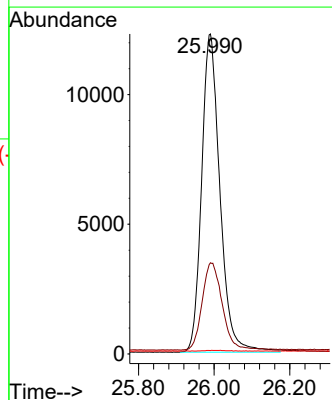
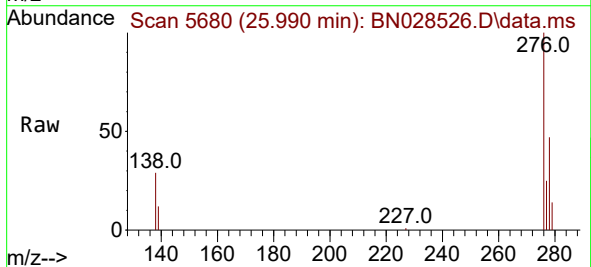
Instrument :
BNA_N
ClientSampleId :
SLCS743

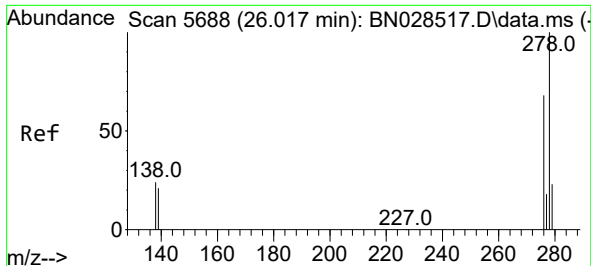
Tgt Ion:252 Resp: 38106
Ion Ratio Lower Upper
252 100
253 23.9 19.0 28.6
125 17.0 13.2 19.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.437 ng/ul
RT: 25.990 min Scan# 5680
Delta R.T. -0.004 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:276 Resp: 41283
Ion Ratio Lower Upper
276 100
138 30.1 23.8 35.6
227 0.3 0.1 0.1#

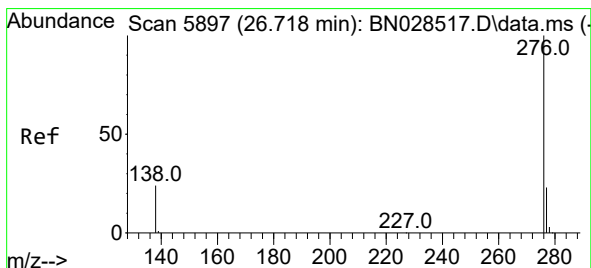
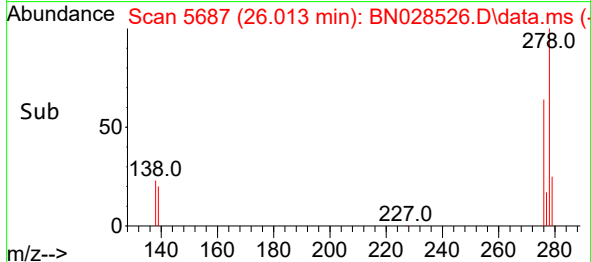
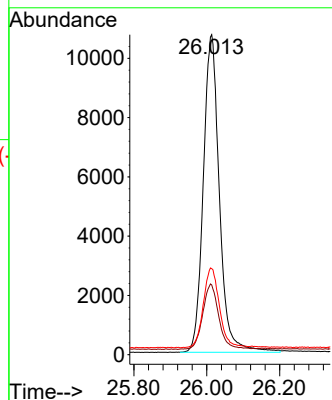
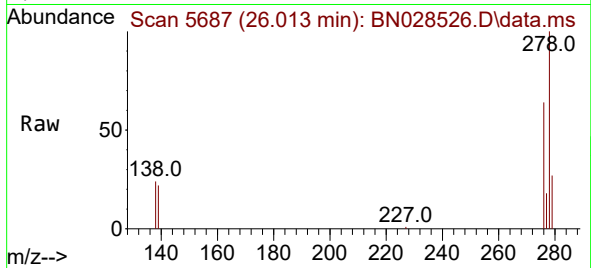




#28
Dibenzo(a,h)anthracene
Concen: 0.436 ng/ul
RT: 26.013 min Scan# 50
Delta R.T. -0.004 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Instrument :
BNA_N
ClientSampleId :
SLCS743

Tgt Ion:278 Resp: 32899
Ion Ratio Lower Upper
278 100
139 21.8 18.2 27.4
279 26.9 20.7 31.1



#29
Benzo(g,h,i)perylene
Concen: 0.437 ng/ul
RT: 26.711 min Scan# 5895
Delta R.T. -0.007 min
Lab File: BN028526.D
Acq: 09 Nov 2023 19:44

Tgt Ion:276 Resp: 33781
Ion Ratio Lower Upper
276 100
138 27.3 20.5 30.7
277 24.6 19.4 29.0

