

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080323\
 Data File : BN026805.D
 Acq On : 03 Aug 2023 14:38
 Operator : MA/JU
 Sample : SSTD1.623
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6241

Quant Time: Aug 04 03:38:53 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 15:46:03 2023
 Response via : Initial Calibration

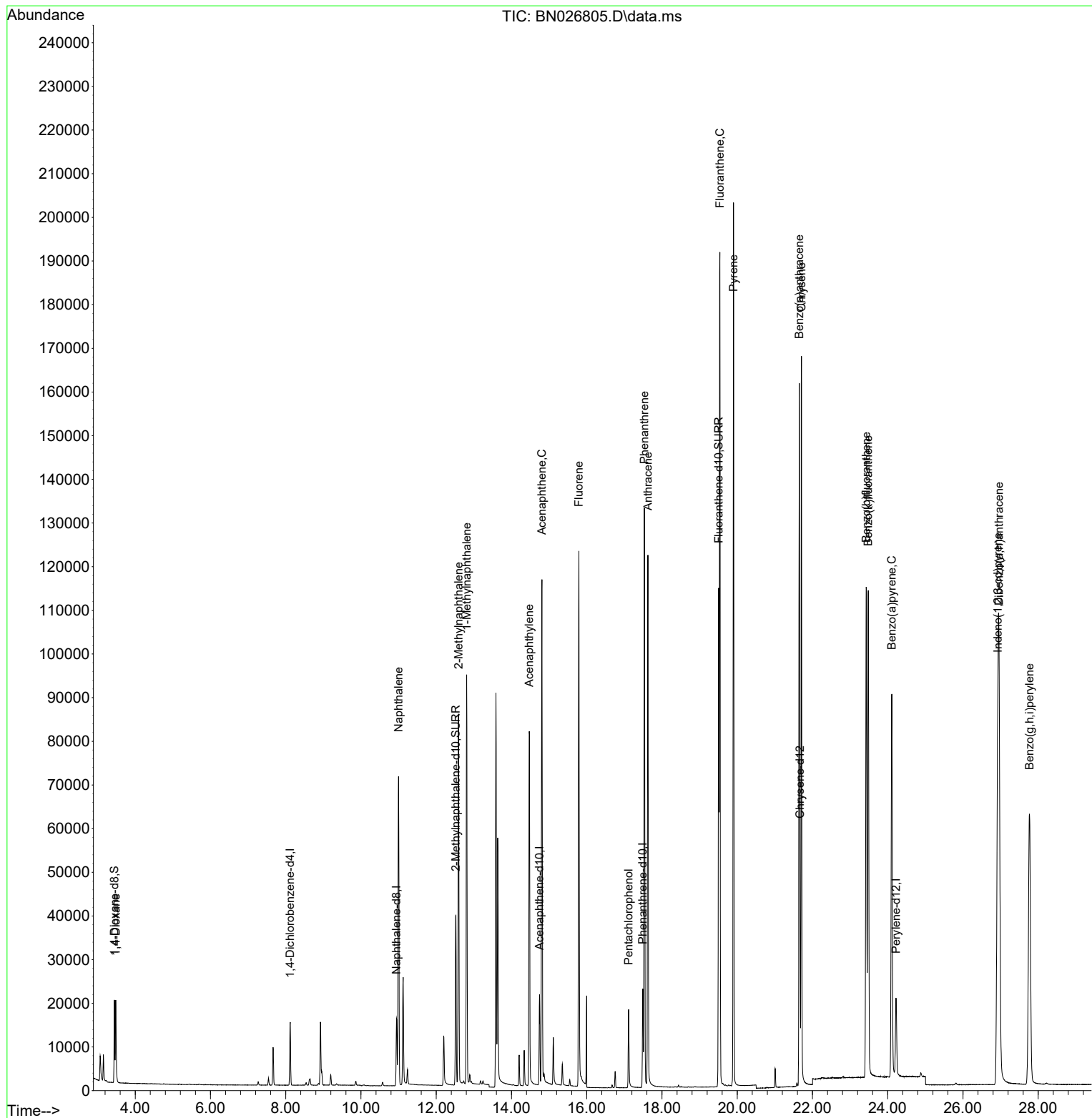
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.118	152	7226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	21648	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	11744	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.489	188	27529	0.400	ng/ul	0.00
17) Chrysene-d12	21.667	240	24598	0.400	ng/ul	0.00
23) Perylene-d12	24.219	264	27247	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	13432	1.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	51702	1.623	ng/ul	0.00
18) Fluoranthene-d10	19.506	212	124400	1.602	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	13820	1.578	ng/ul#	91
5) Naphthalene	10.999	128	97414	1.592	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	60519	1.633	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	62425	1.610	ng/ul	100
10) Acenaphthylene	14.472	152	98484	1.497	ng/ul	99
11) Acenaphthene	14.809	153	69744	1.532	ng/ul	99
12) Fluorene	15.790	166	80876	1.570	ng/ul	98
14) Pentachlorophenol	17.113	266	12403	1.592	ng/ul	100
15) Phenanthrene	17.531	178	136913	1.514	ng/ul	99
16) Anthracene	17.624	178	130438	1.596	ng/ul	99
19) Fluoranthene	19.538	202	161815	1.584	ng/ul	99
20) Pyrene	19.901	202	166504	1.527	ng/ul	99
21) Benzo(a)anthracene	21.650	228	152850	1.562	ng/ul	99
22) Chrysene	21.705	228	150018	1.554	ng/ul	99
24) Benzo(b)fluoranthene	23.427	252	165272	1.604	ng/ul	97
25) Benzo(k)fluoranthene	23.483	252	160671	1.581	ng/ul	97
26) Benzo(a)pyrene	24.108	252	146917	1.580	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.924	276	193859	1.594	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.958	278	154849	1.597	ng/ul	98
29) Benzo(g,h,i)perylene	27.769	276	159850	1.578	ng/ul	98

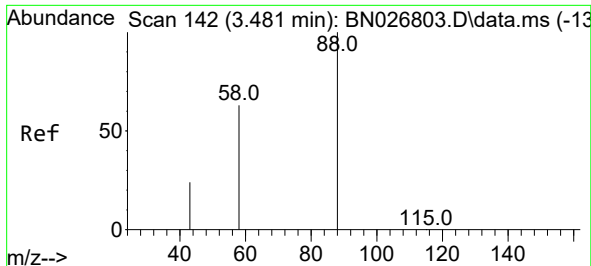
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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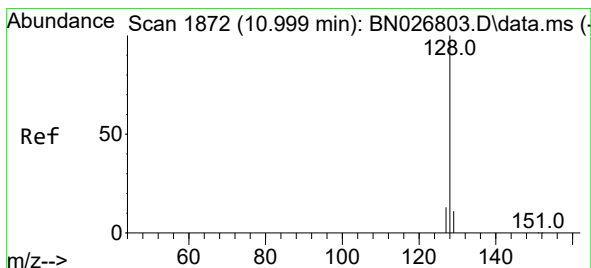
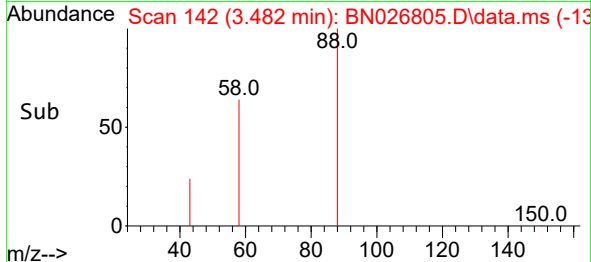
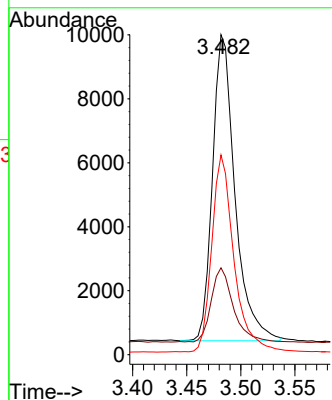
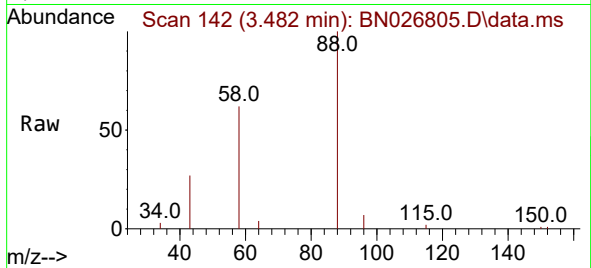




#2
1,4-Dioxane
Concen: 1.578 ng/ul
RT: 3.482 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

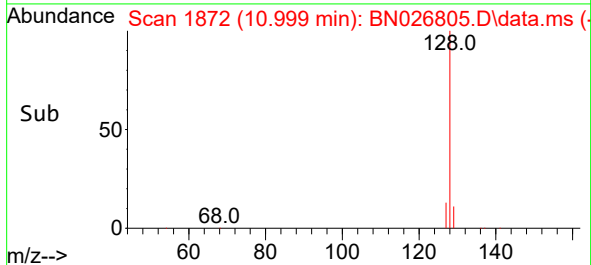
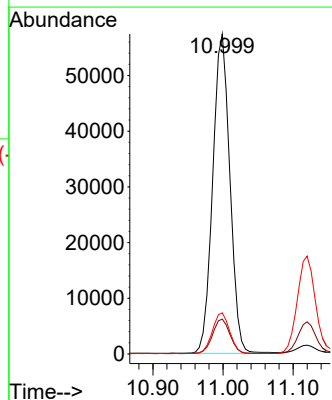
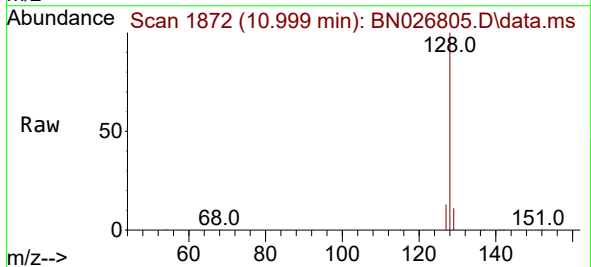
Instrument :
BNA_N
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SSTD1.6241

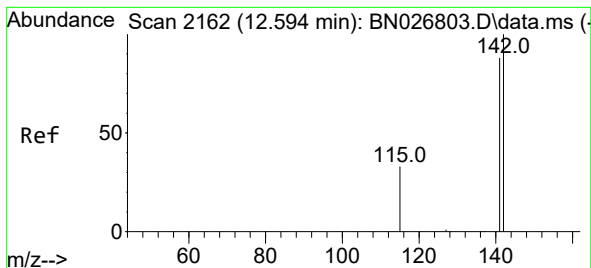
Tgt Ion: 88 Resp: 13820
Ion Ratio Lower Upper
88 100
43 27.1 28.0 42.0#
58 62.4 46.0 69.0



#5
Naphthalene
Concen: 1.592 ng/ul
RT: 10.999 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:128 Resp: 97414
Ion Ratio Lower Upper
128 100
129 10.9 9.2 13.8
127 12.8 10.5 15.7

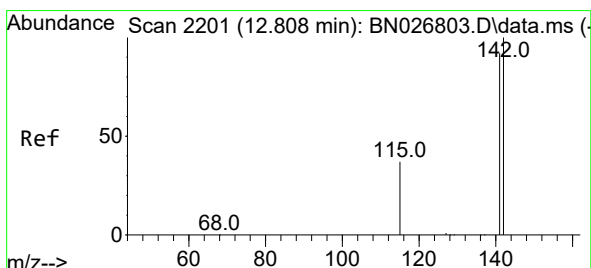
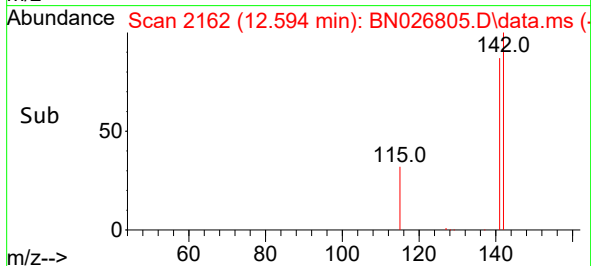
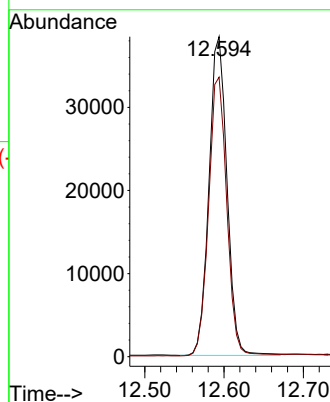
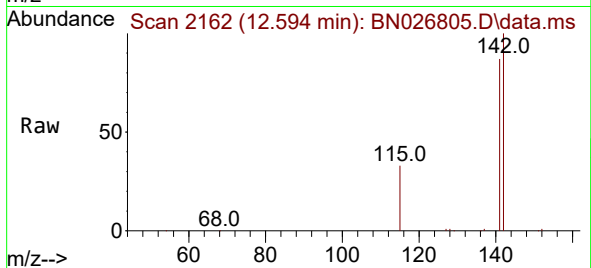




#7
2-Methylnaphthalene
Concen: 1.633 ng/ul
RT: 12.594 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

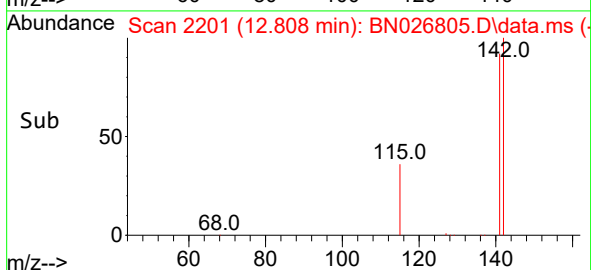
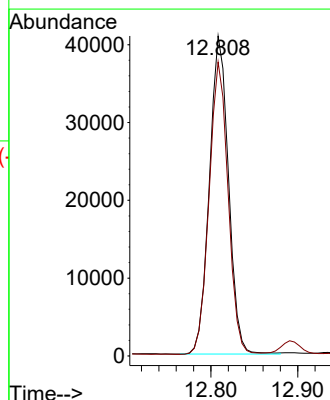
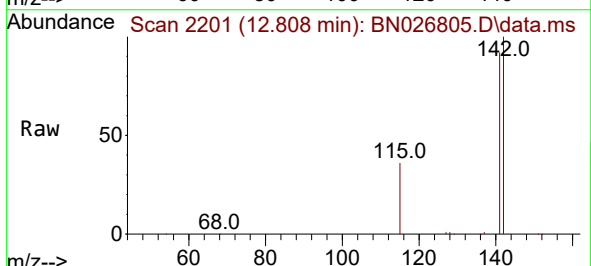
Instrument :
BNA_N
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SSTD1.6241

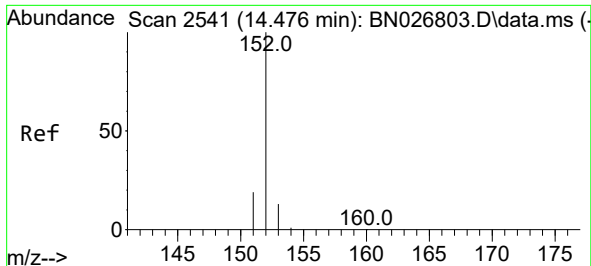
Tgt Ion:142 Resp: 60519
Ion Ratio Lower Upper
142 100
141 88.3 70.9 106.3



#8
1-Methylnaphthalene
Concen: 1.610 ng/ul
RT: 12.808 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:142 Resp: 62425
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

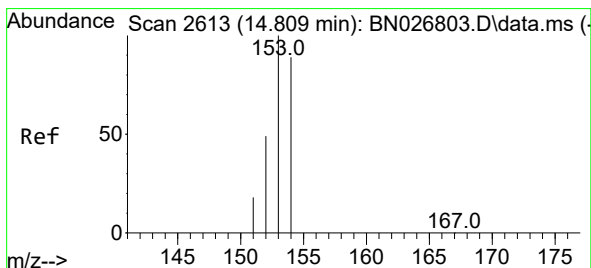
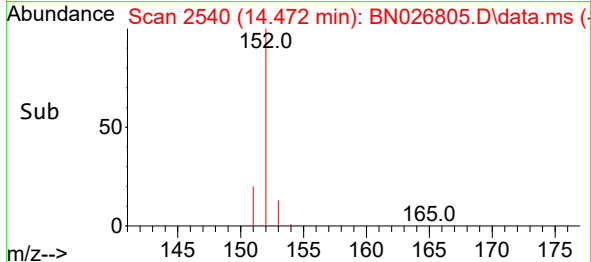
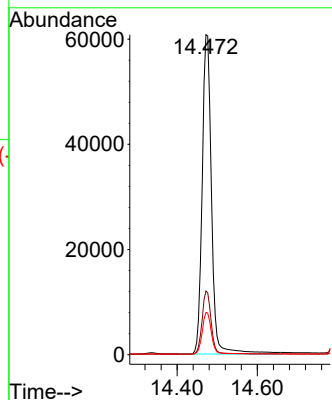
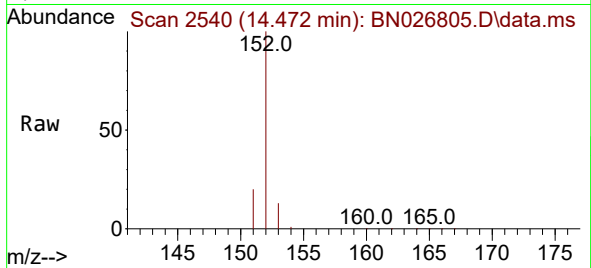




#10
Acenaphthylene
Concen: 1.497 ng/ul
RT: 14.472 min Scan# 2540
Delta R.T. -0.004 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

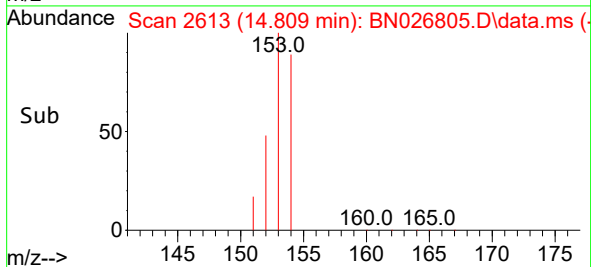
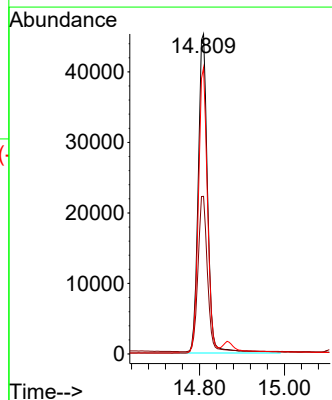
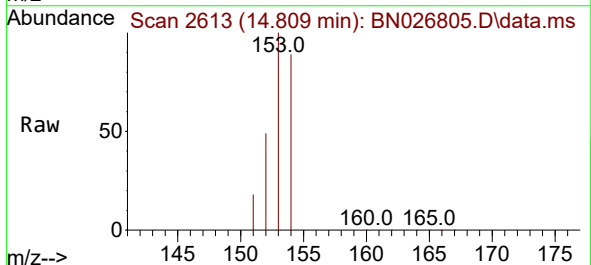
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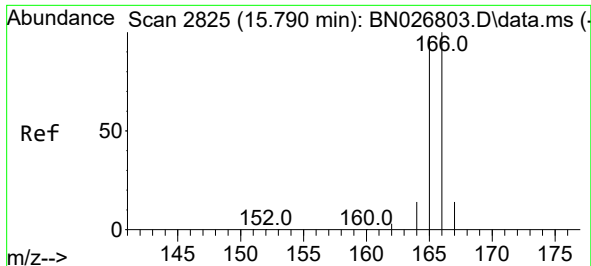
Tgt Ion:152 Resp: 98484
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.2 11.0 16.6



#11
Acenaphthene
Concen: 1.532 ng/ul
RT: 14.809 min Scan# 2613
Delta R.T. 0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:153 Resp: 69744
Ion Ratio Lower Upper
153 100
152 49.2 41.1 61.7
154 89.5 71.6 107.4

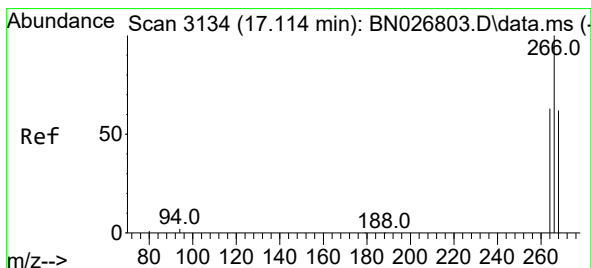
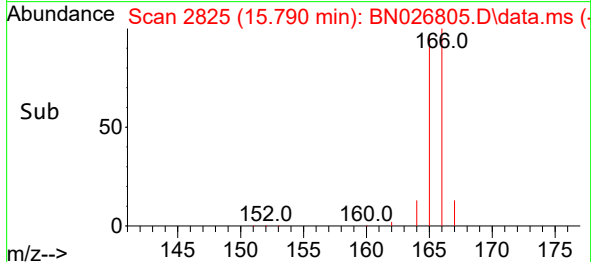
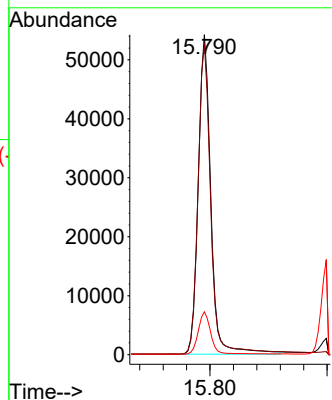
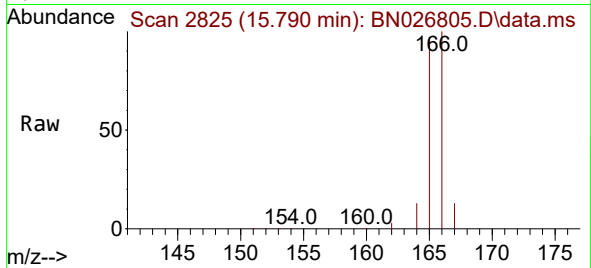




#12
Fluorene
Concen: 1.570 ng/ul
RT: 15.790 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

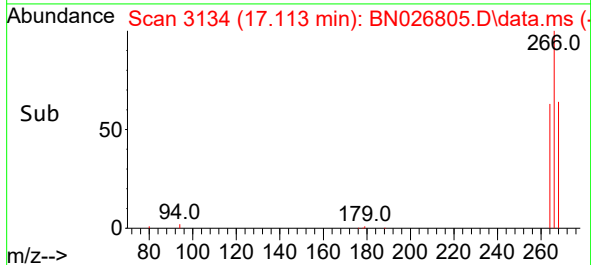
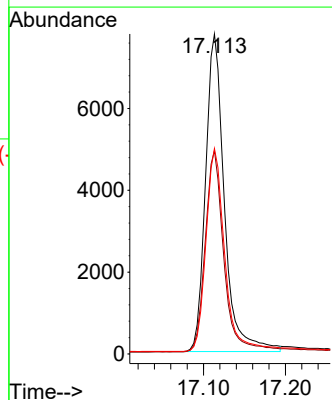
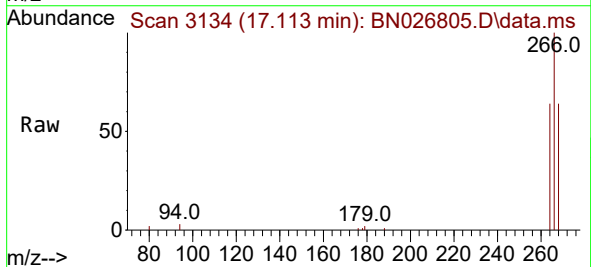
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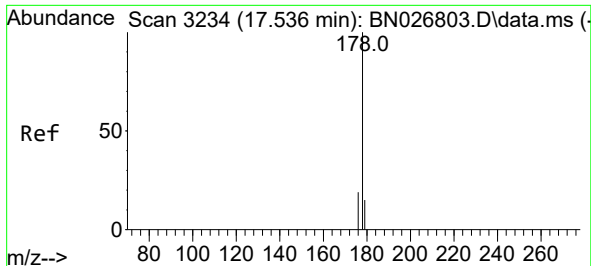
Tgt Ion:166 Resp: 80876
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.4 11.4 17.0



#14
Pentachlorophenol
Concen: 1.592 ng/ul
RT: 17.113 min Scan# 3134
Delta R.T. -0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:266 Resp: 12403
Ion Ratio Lower Upper
266 100
264 62.9 50.4 75.6
268 63.9 51.2 76.8

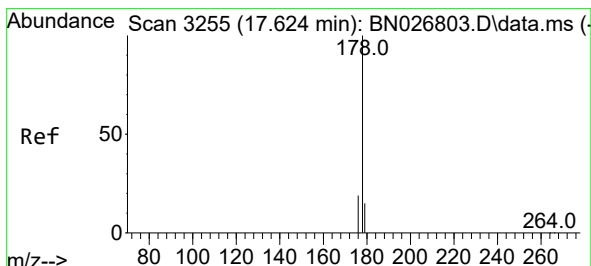
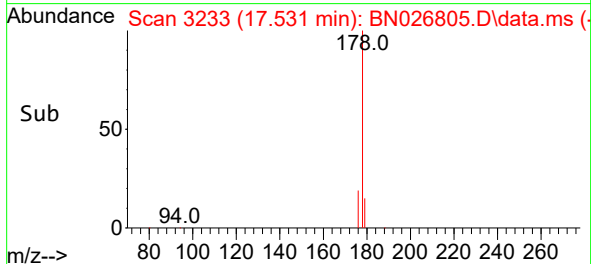
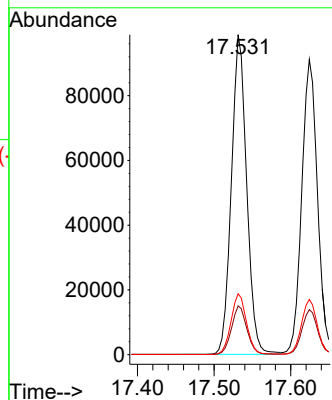
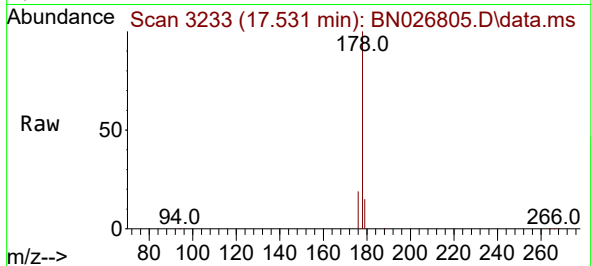




#15
Phenanthrene
Concen: 1.514 ng/ul
RT: 17.531 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

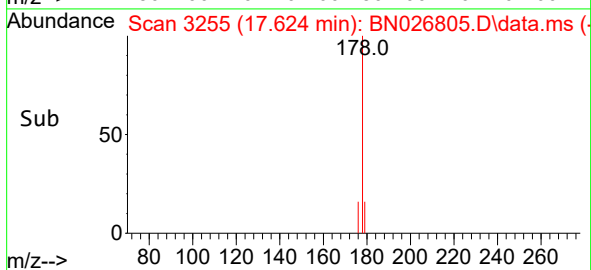
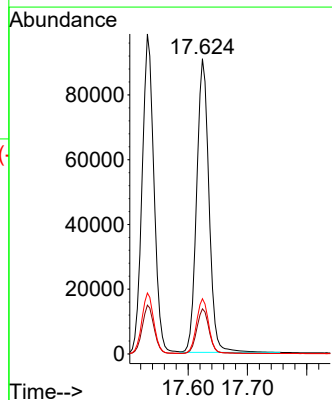
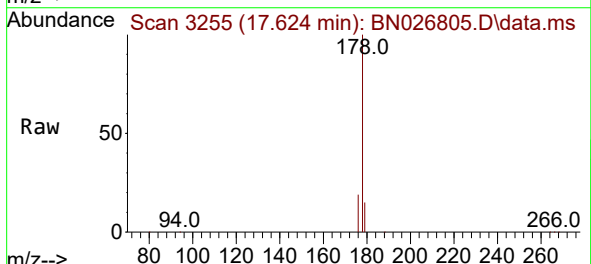
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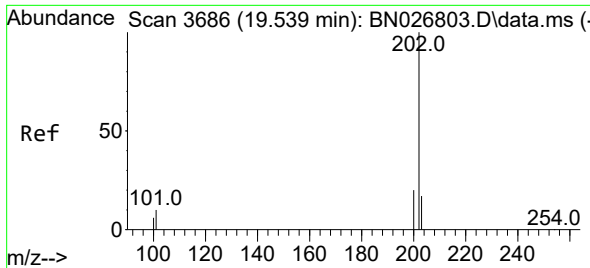
Tgt Ion:178 Resp: 136913
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.0 15.4 23.2



#16
Anthracene
Concen: 1.596 ng/ul
RT: 17.624 min Scan# 3255
Delta R.T. -0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:178 Resp: 130438
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.7 15.0 22.6

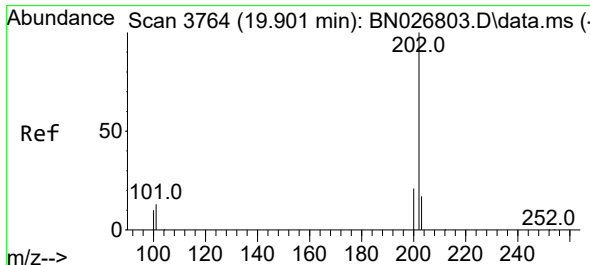
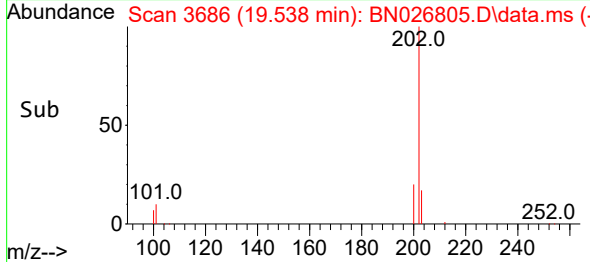
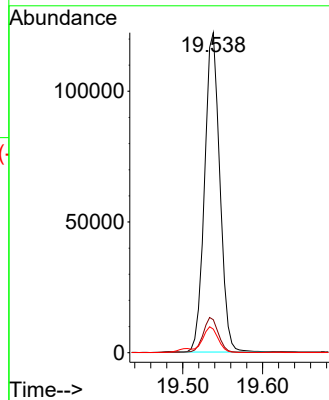
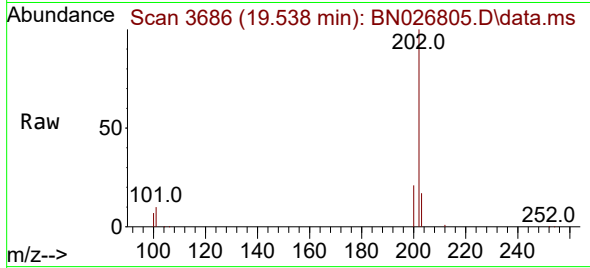




#19
Fluoranthene
Concen: 1.584 ng/ul
RT: 19.538 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

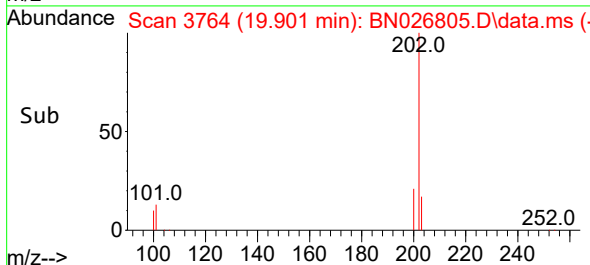
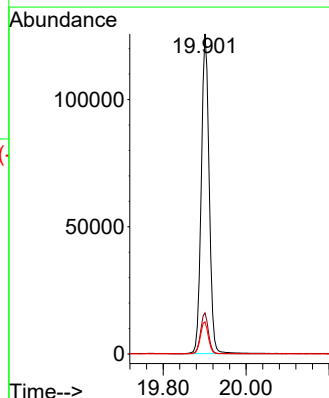
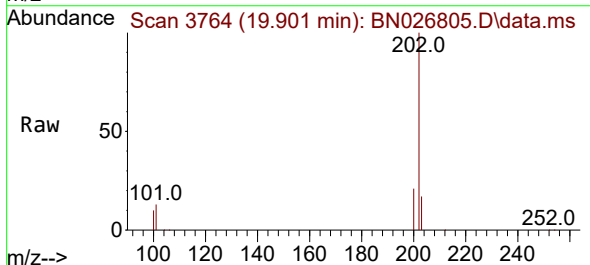
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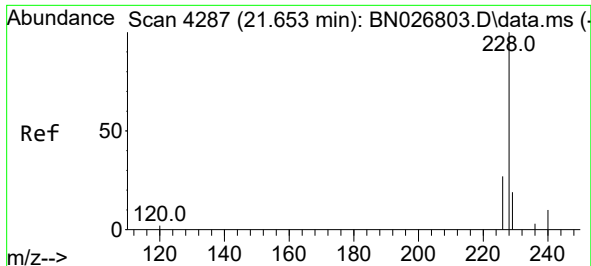
Tgt Ion:202 Resp: 161815
Ion Ratio Lower Upper
202 100
101 10.3 8.3 12.5
100 7.4 6.2 9.2



#20
Pyrene
Concen: 1.527 ng/ul
RT: 19.901 min Scan# 3764
Delta R.T. -0.000 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:202 Resp: 166504
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.0 8.5 12.7

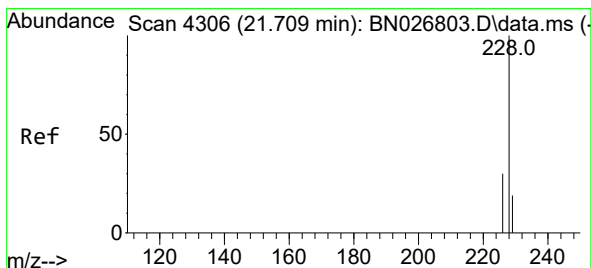
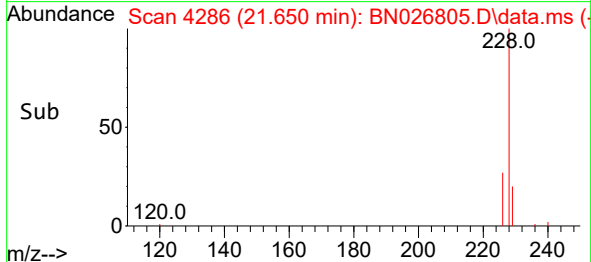
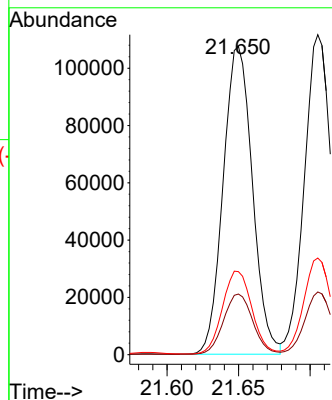
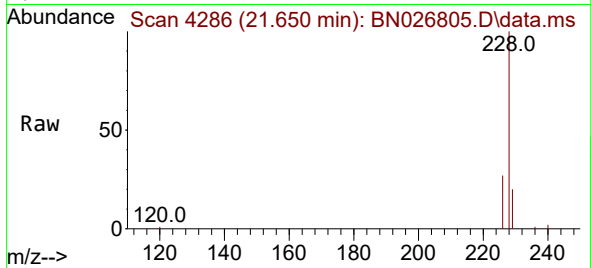




#21
Benzo(a)anthracene
Concen: 1.562 ng/ul
RT: 21.650 min Scan# 4287
Delta R.T. -0.003 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

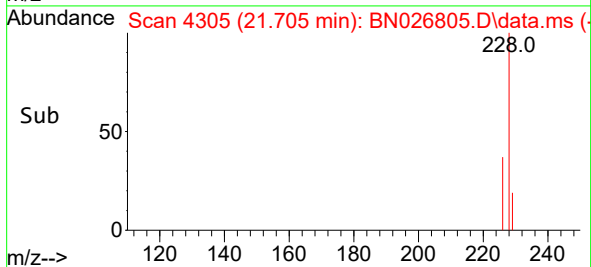
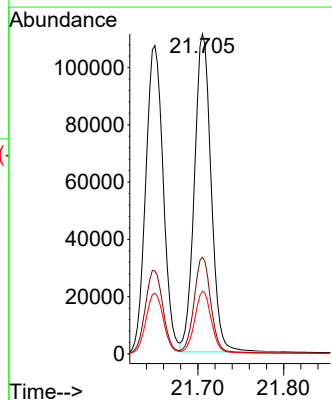
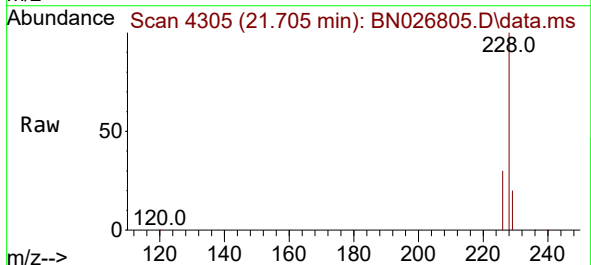
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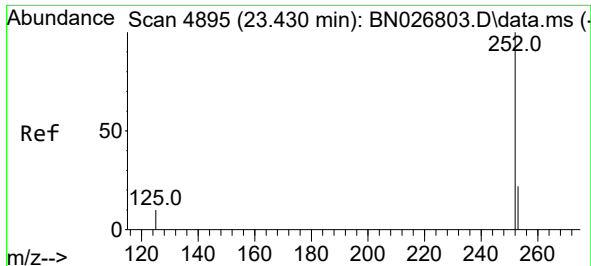
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Ion Ratio Lower Upper
228 100
229 19.7 16.0 24.0
226 26.9 22.2 33.2



#22
Chrysene
Concen: 1.554 ng/ul
RT: 21.705 min Scan# 4305
Delta R.T. -0.003 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:228 Resp: 150018
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 19.6 15.8 23.6

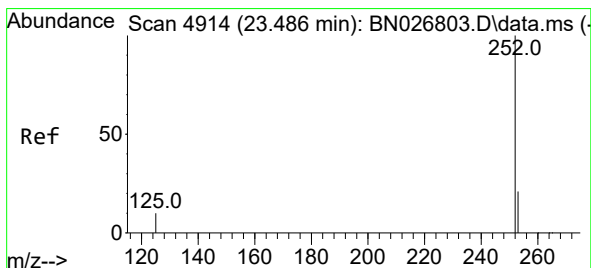
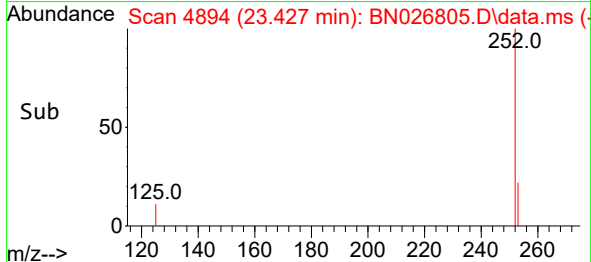
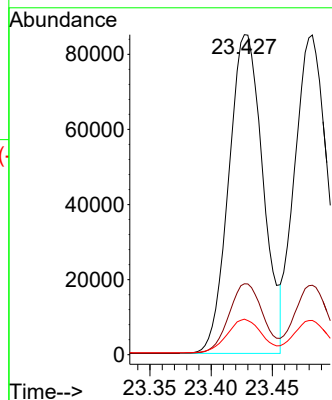
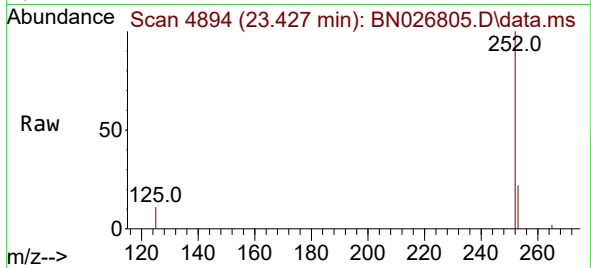




#24
Benzo(b)fluoranthene
Concen: 1.604 ng/ul
RT: 23.427 min Scan# 4894
Delta R.T. -0.003 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

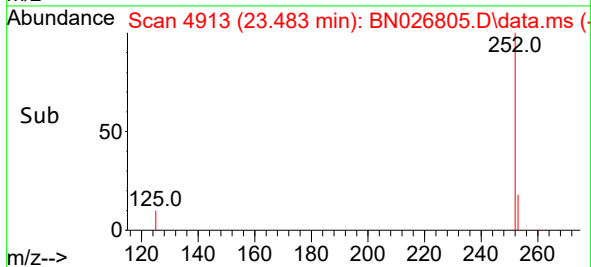
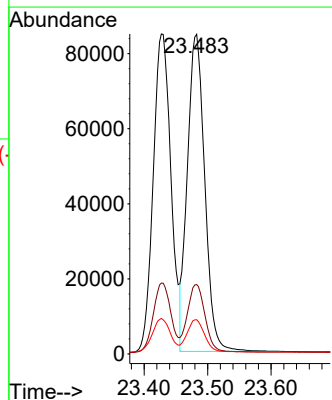
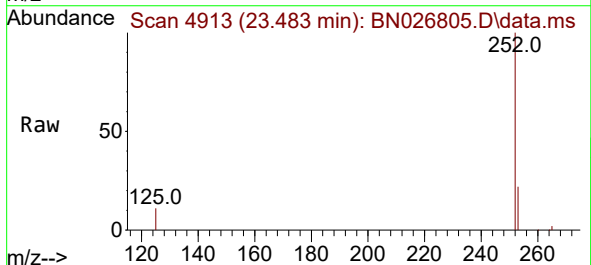
Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

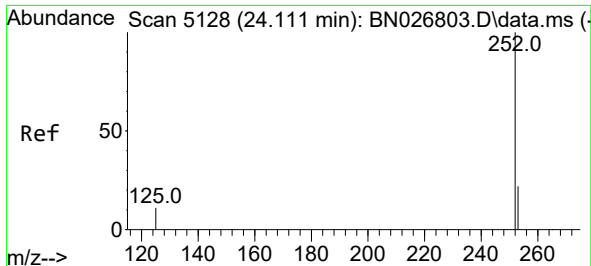
Tgt Ion:252 Resp: 165272
Ion Ratio Lower Upper
252 100
253 22.1 0.0 46.8
125 11.1 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 1.581 ng/ul
RT: 23.483 min Scan# 4913
Delta R.T. -0.003 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:252 Resp: 160671
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 10.7 9.9 14.9

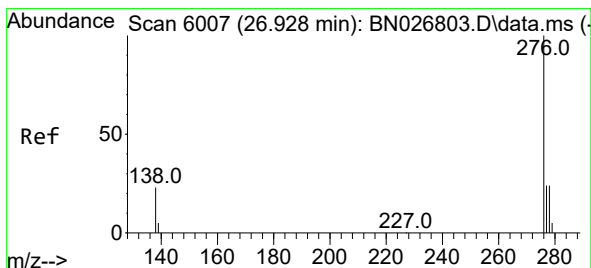
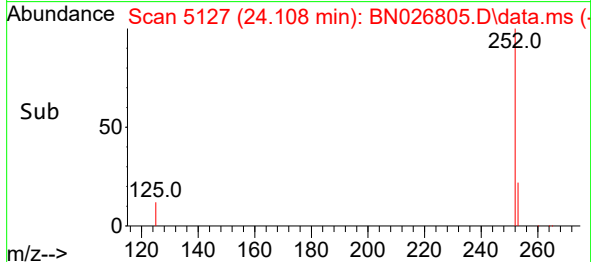
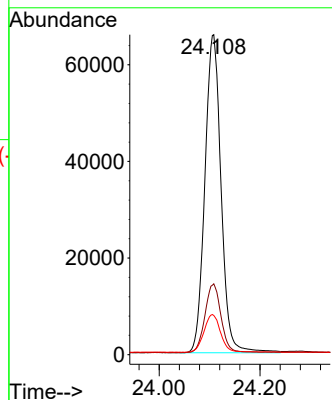
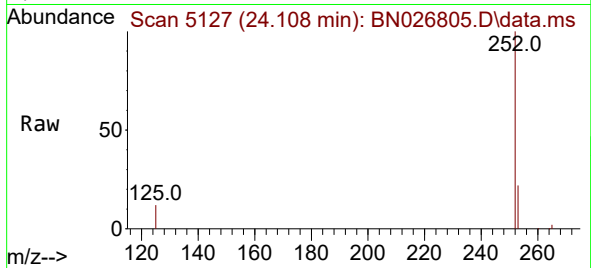




#26
Benzo(a)pyrene
Concen: 1.580 ng/ul
RT: 24.108 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

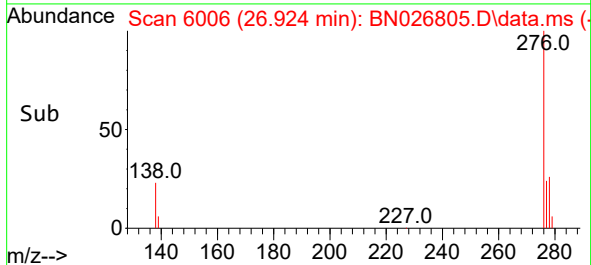
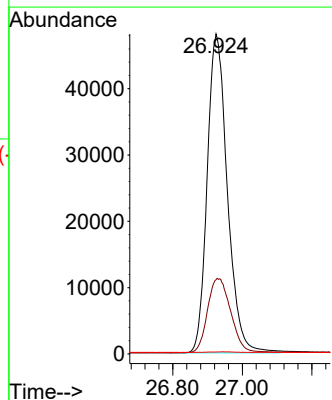
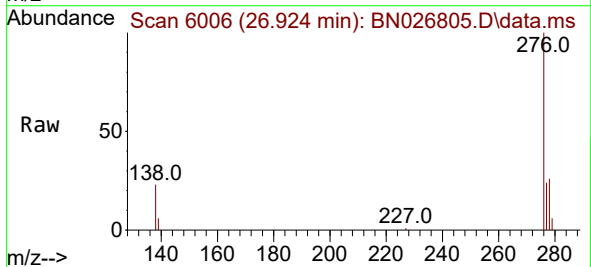
Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

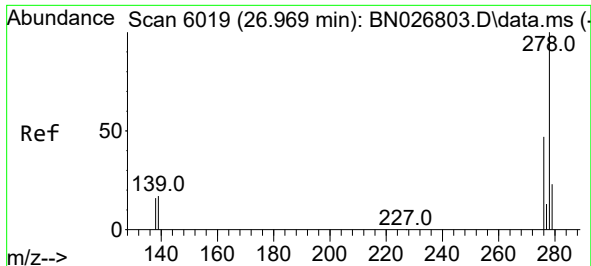
Tgt Ion:252 Resp: 146917
Ion Ratio Lower Upper
252 100
253 22.2 19.0 28.6
125 12.3 11.4 17.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.594 ng/ul
RT: 26.924 min Scan# 6006
Delta R.T. -0.004 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:276 Resp: 193859
Ion Ratio Lower Upper
276 100
138 26.8 21.6 32.4
227 0.0 0.0 0.0

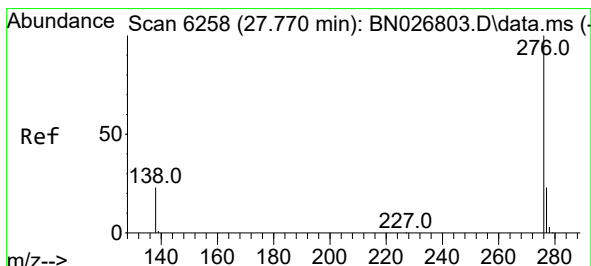
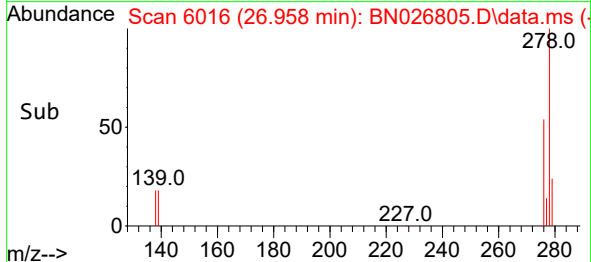
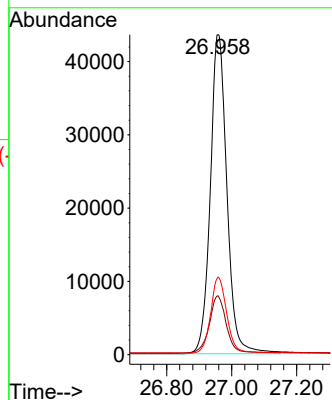
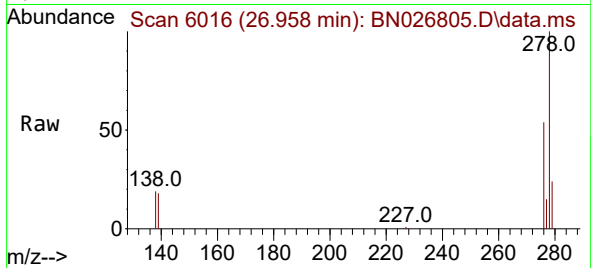




#28
Dibenzo(a,h)anthracene
Concen: 1.597 ng/ul
RT: 26.958 min Scan# 6016
Delta R.T. -0.011 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Instrument :
BNA_N
ClientSampleId :
SSTD1.6241

Tgt Ion:278 Resp: 154849
Ion Ratio Lower Upper
278 100
139 18.4 15.7 23.5
279 24.3 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 1.578 ng/ul
RT: 27.769 min Scan# 6258
Delta R.T. -0.001 min
Lab File: BN026805.D
Acq: 03 Aug 2023 14:38

Tgt Ion:276 Resp: 159850
Ion Ratio Lower Upper
276 100
138 23.4 19.3 28.9
277 23.6 19.8 29.8

