

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070723\
 Data File : BN026357.D
 Acq On : 07 Jul 2023 13:53
 Operator : MA/JU
 Sample : 03284-11MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MSD

Quant Time: Jul 07 15:54:35 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 14:46:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

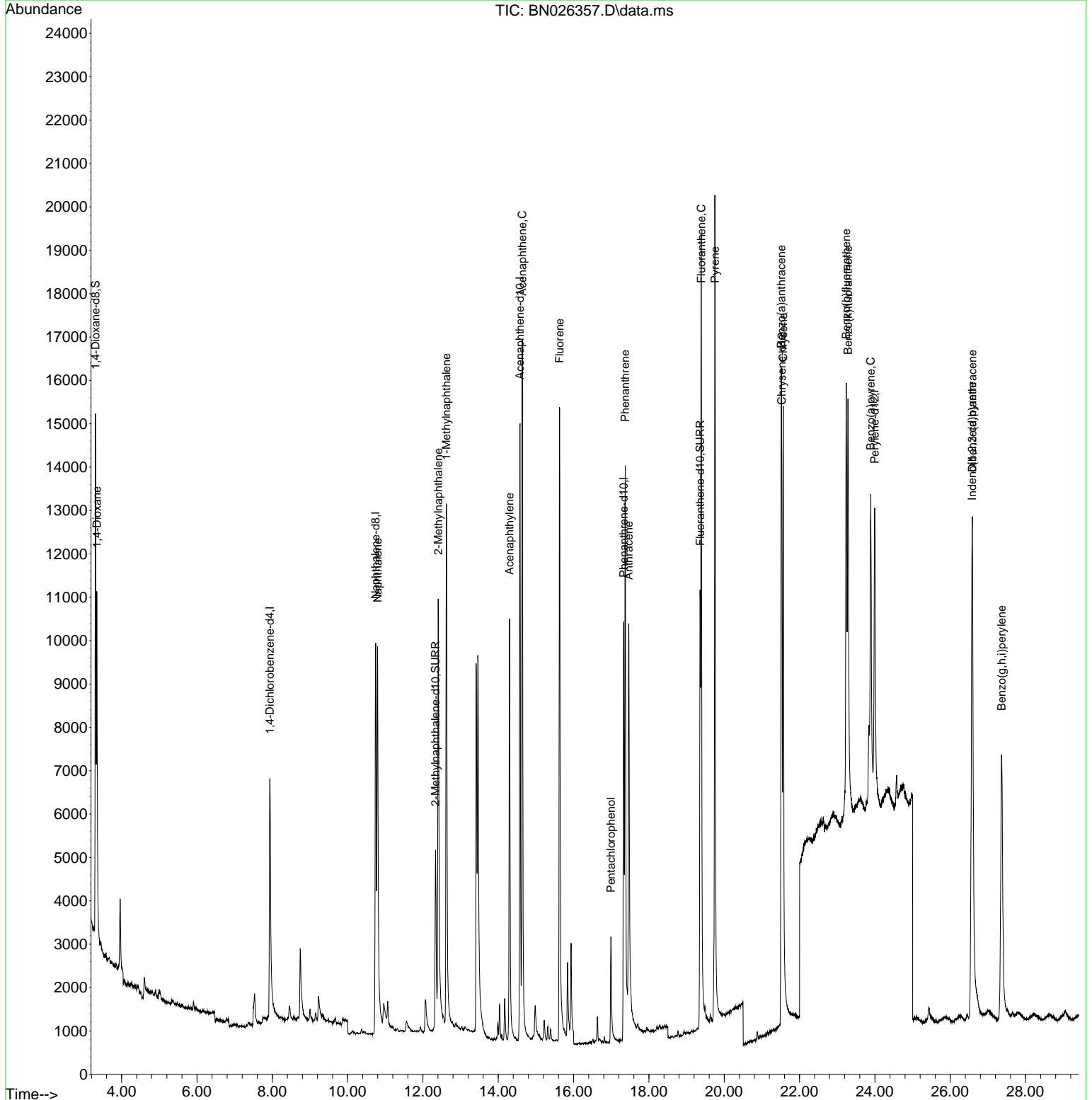
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	16834	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	9193	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	14182	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	9422	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	10332	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	8187	1.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	7478	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	13462	0.375	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.343	88	5610	0.981	ng/ul	93
5) Naphthalene	10.796	128	16018	0.332	ng/ul	99
7) 2-Methylnaphthalene	12.407	142	9554	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.622	142	10251	0.322	ng/ul	100
10) Acenaphthylene	14.301	152	14148	0.329	ng/ul	99
11) Acenaphthene	14.639	153	11215	0.318	ng/ul	99
12) Fluorene	15.629	166	12026	0.298	ng/ul	99
14) Pentachlorophenol	16.991	266	2216	0.436	ng/ul	99
15) Phenanthrene	17.371	178	16254	0.347	ng/ul	99
16) Anthracene	17.464	178	14719	0.354	ng/ul	97
19) Fluoranthene	19.390	202	18626	0.370	ng/ul	98
20) Pyrene	19.752	202	19725	0.377	ng/ul	97
21) Benzo(a)anthracene	21.513	228	13719	0.353	ng/ul	99
22) Chrysene	21.566	228	14796	0.366	ng/ul	99
24) Benzo(b)fluoranthene	23.240	252	14592	0.331	ng/ul	92
25) Benzo(k)fluoranthene	23.287	252	15825	0.357	ng/ul	94
26) Benzo(a)pyrene	23.889	252	13045	0.341	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.580	276	17318	0.414	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.586	278	13556	0.428	ng/ul	99
29) Benzo(g,h,i)perylene	27.365	276	15787	0.424	ng/ul	98

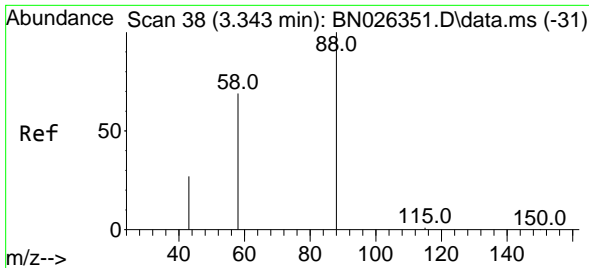
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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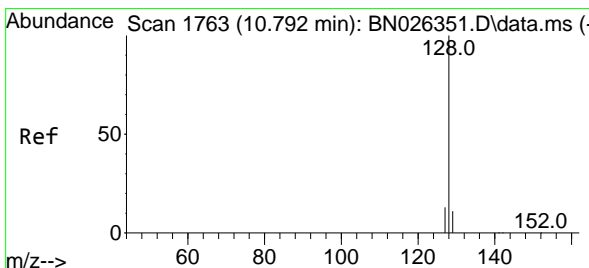
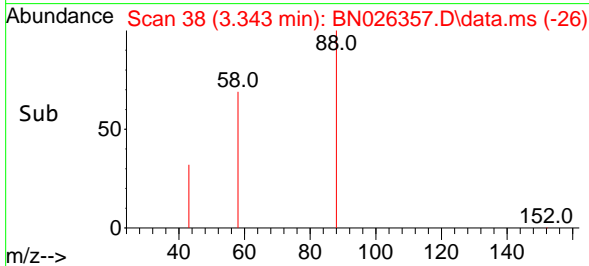
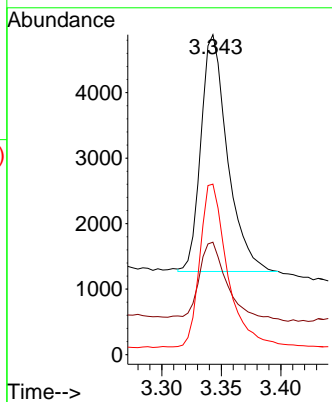
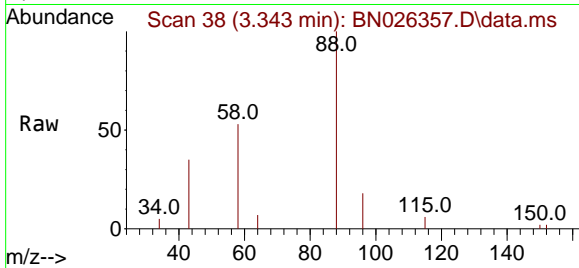


#2
 1,4-Dioxane
 Concen: 0.981 ng/ul
 RT: 3.343 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MSD

Tgt Ion: 88 Resp: 5610

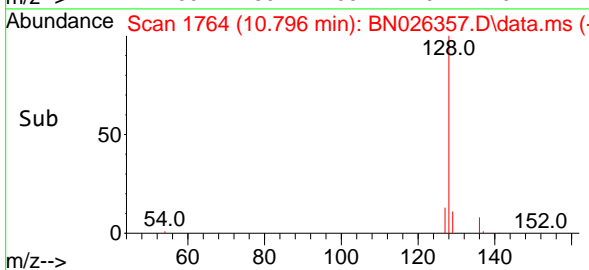
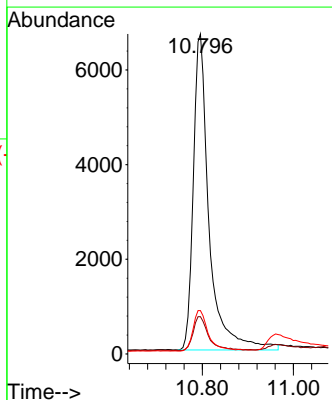
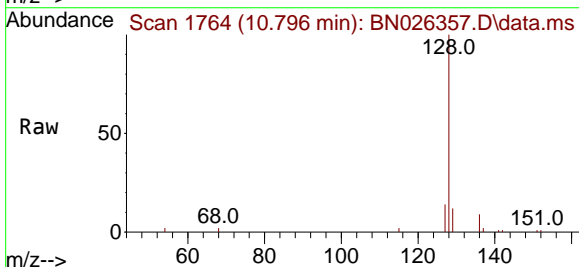
Ion	Ratio	Lower	Upper
88	100		
43	35.2	29.5	44.3
58	53.3	37.4	56.2

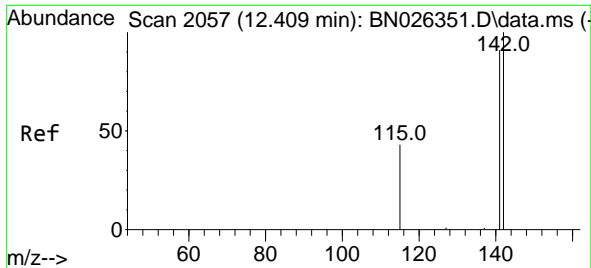


#5
 Naphthalene
 Concen: 0.332 ng/ul
 RT: 10.796 min Scan# 1764
 Delta R.T. 0.004 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion: 128 Resp: 16018

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	10.7	16.1

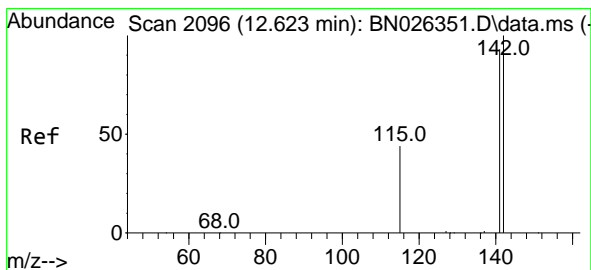
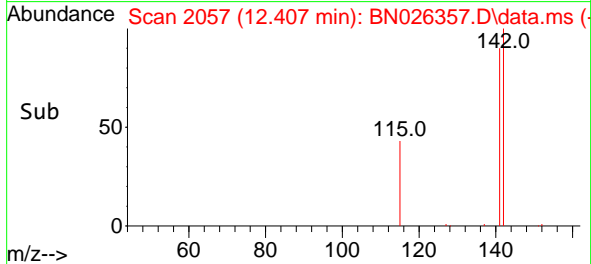
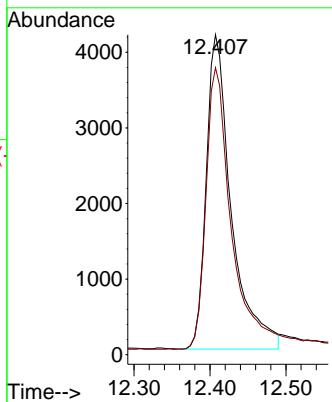
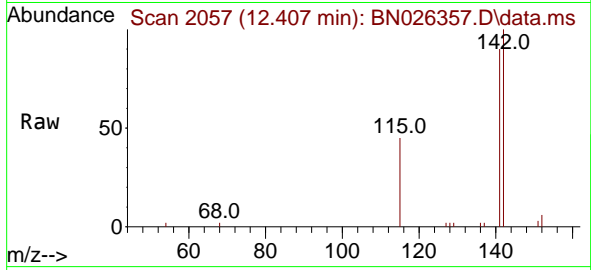




#7
 2-Methylnaphthalene
 Concen: 0.311 ng/ul
 RT: 12.407 min Scan# 2057
 Delta R.T. -0.002 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

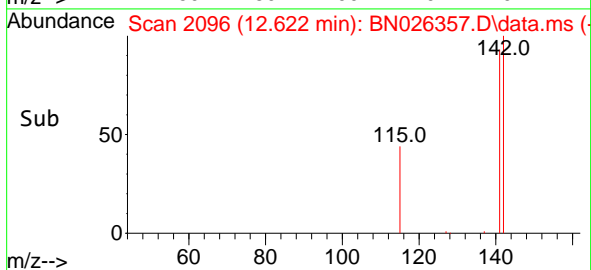
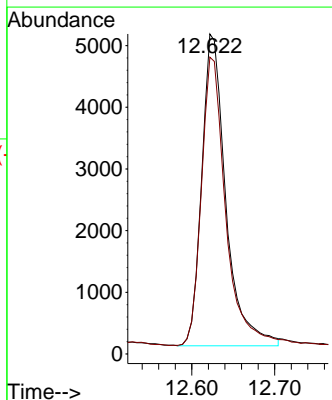
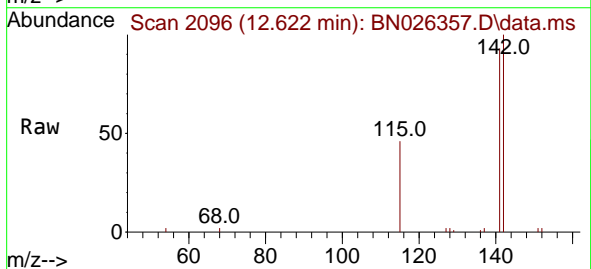
Instrument : BNA_N
 ClientSampleId : DCGZ6MSD

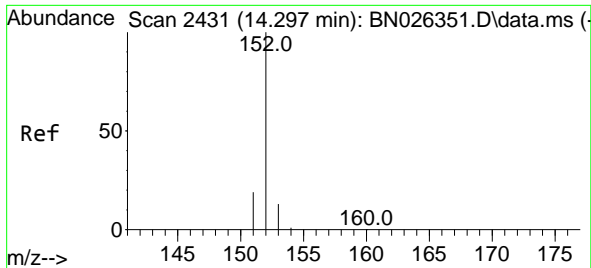
Tgt Ion:142 Resp: 9554
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.9 107.9



#8
 1-Methylnaphthalene
 Concen: 0.322 ng/ul
 RT: 12.622 min Scan# 2096
 Delta R.T. -0.002 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:142 Resp: 10251
 Ion Ratio Lower Upper
 142 100
 141 92.7 74.2 111.4

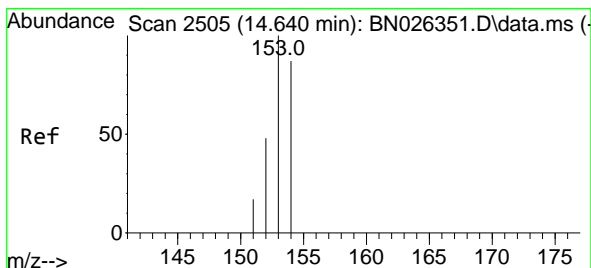
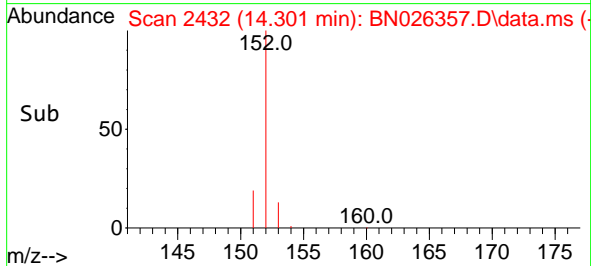
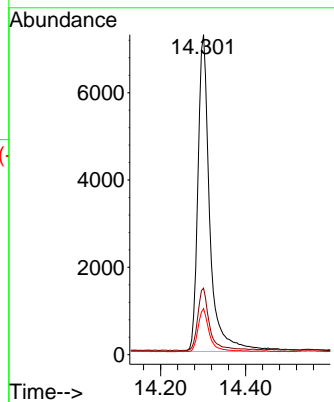
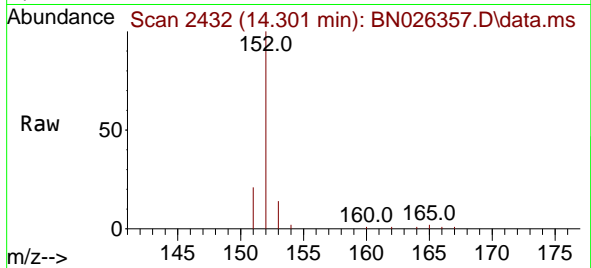




#10
 Acenaphthylene
 Concen: 0.329 ng/u1
 RT: 14.301 min Scan# 2431
 Delta R.T. 0.004 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

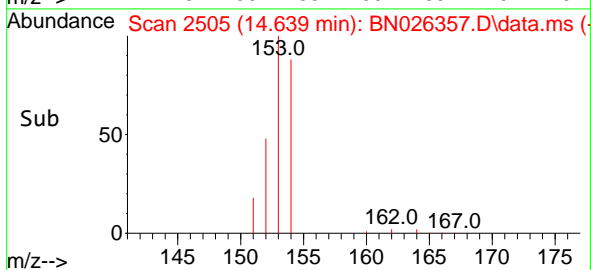
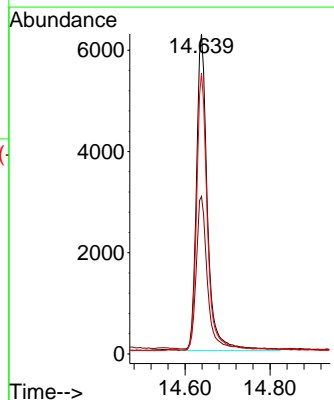
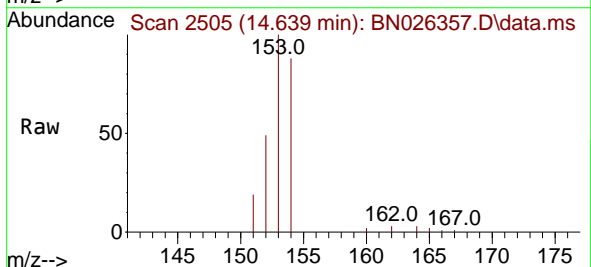
Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MSD

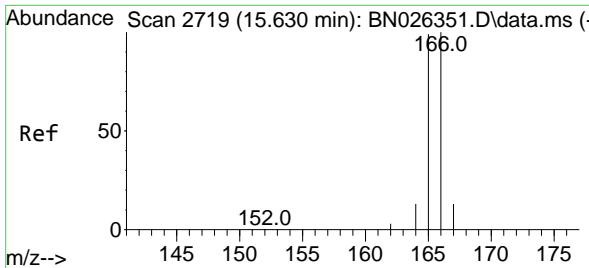
Tgt Ion	Resp	Lower	Upper
152	14148		
151	20.8	16.2	24.4
153	14.4	10.9	16.3



#11
 Acenaphthene
 Concen: 0.318 ng/u1
 RT: 14.639 min Scan# 2505
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

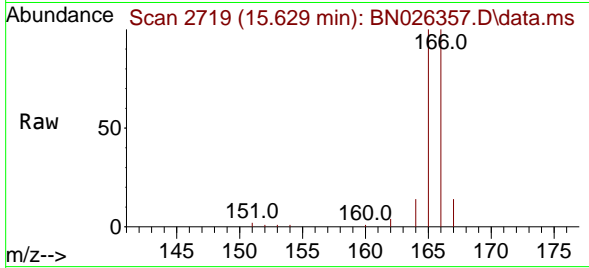
Tgt Ion	Resp	Lower	Upper
153	11215		
152	49.3	39.4	59.0
154	87.6	68.9	103.3





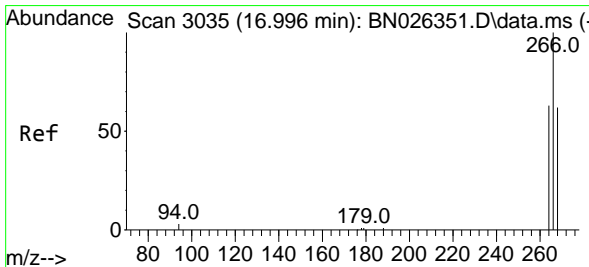
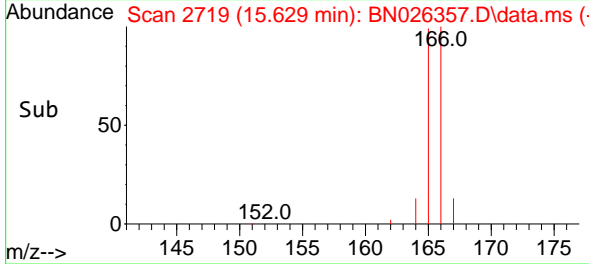
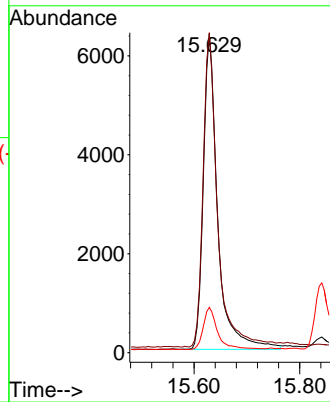
#12
 Fluorene
 Concen: 0.298 ng/u1
 RT: 15.629 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MSD



Tgt Ion:166 Resp: 12026

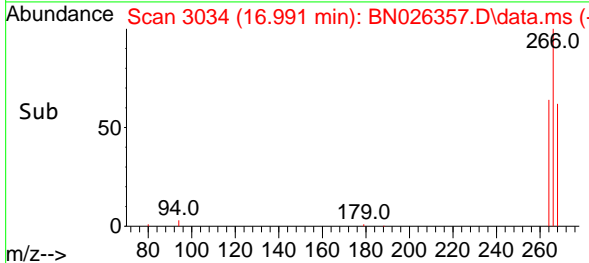
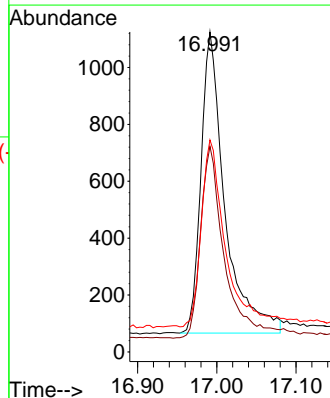
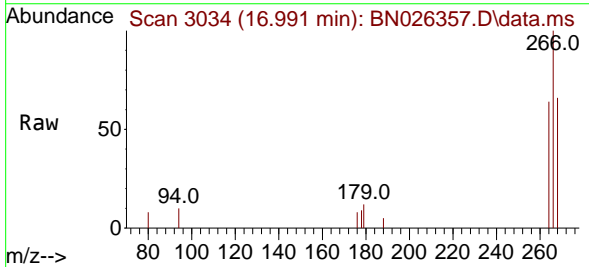
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.9	119.9
167	14.2	10.8	16.2

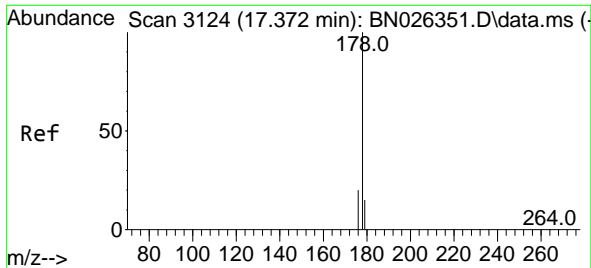


#14
 Pentachlorophenol
 Concen: 0.436 ng/u1
 RT: 16.991 min Scan# 3034
 Delta R.T. -0.005 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:266 Resp: 2216

Ion	Ratio	Lower	Upper
266	100		
264	63.7	50.5	75.7
268	63.1	51.6	77.4

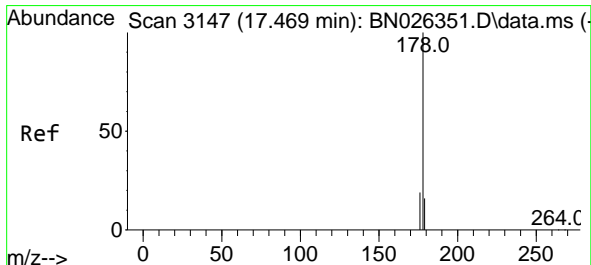
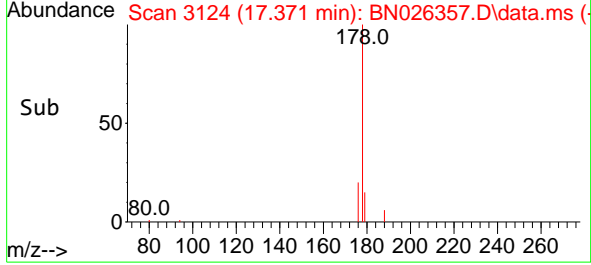
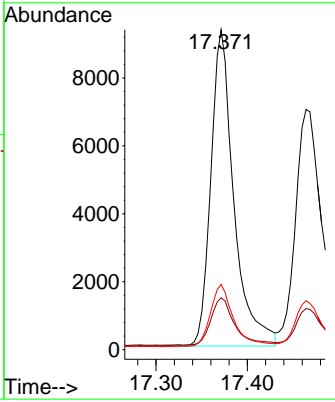
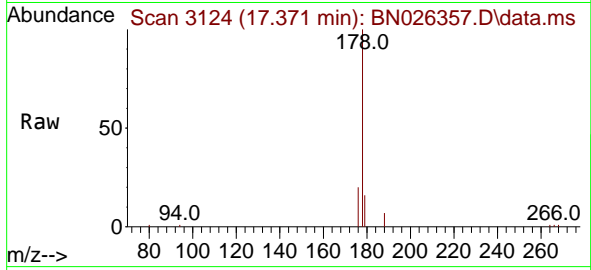




#15
 Phenanthrene
 Concen: 0.347 ng/uI
 RT: 17.371 min Scan# 3124
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

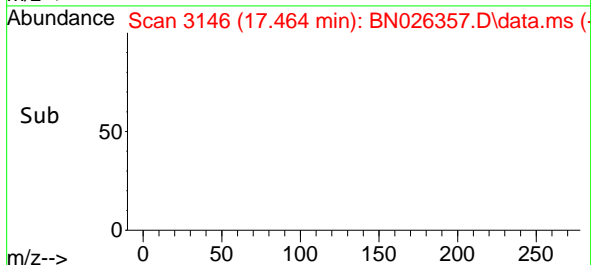
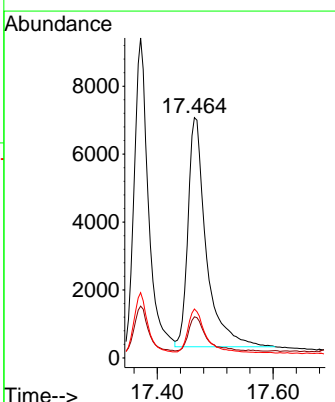
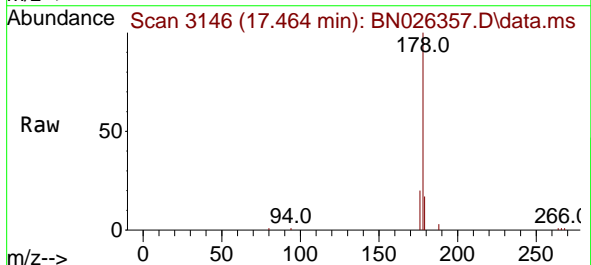
Instrument : BNA_N
 ClientSampleId : DCGZ6MSD

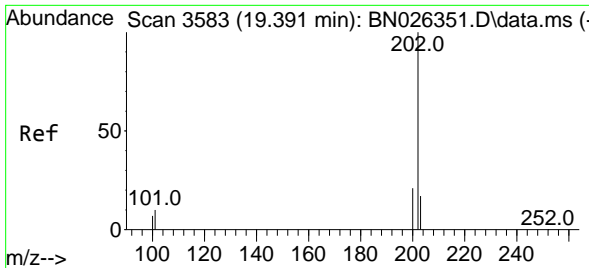
Tgt Ion	Resp	Lower	Upper
178	16254		
179	16.2	12.6	19.0
176	20.4	15.8	23.6



#16
 Anthracene
 Concen: 0.354 ng/uI
 RT: 17.464 min Scan# 3146
 Delta R.T. -0.005 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

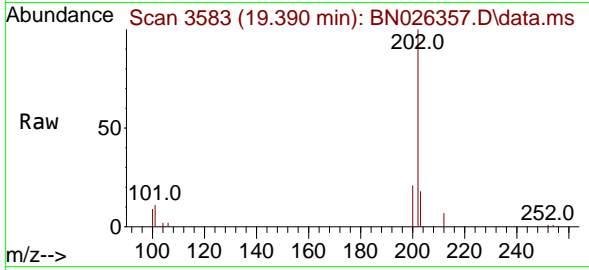
Tgt Ion	Resp	Lower	Upper
178	14719		
179	17.1	12.6	18.8
176	20.3	15.1	22.7





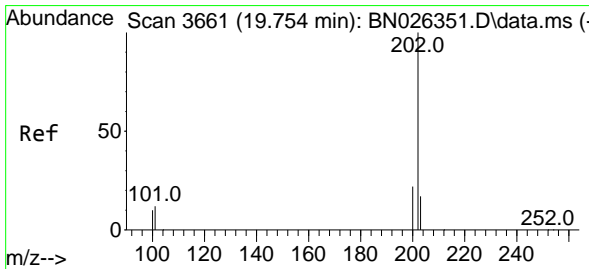
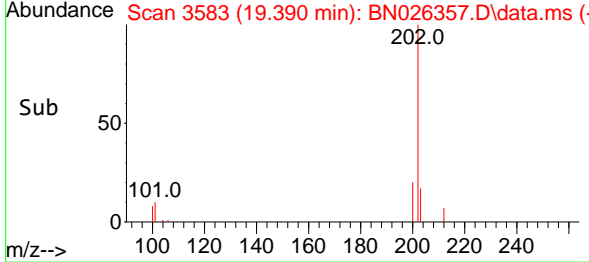
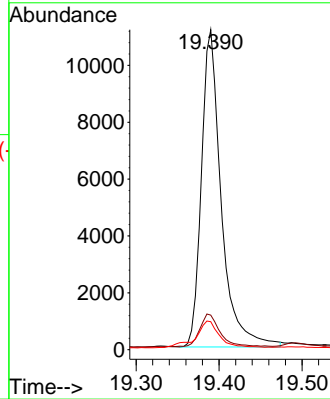
#19
 Fluoranthene
 Concen: 0.370 ng/uI
 RT: 19.390 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MSD



Tgt Ion:202 Resp: 18626

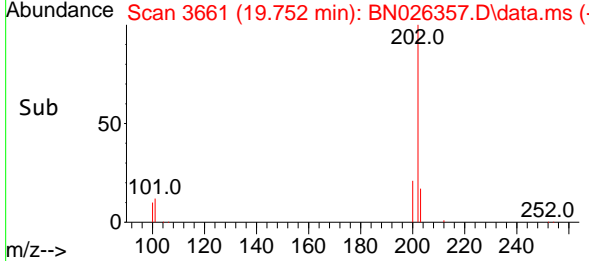
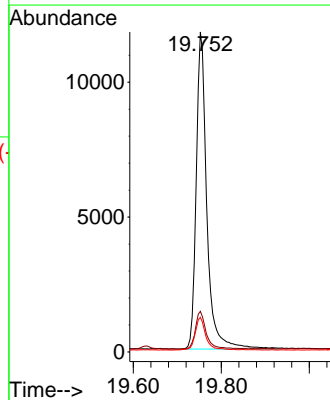
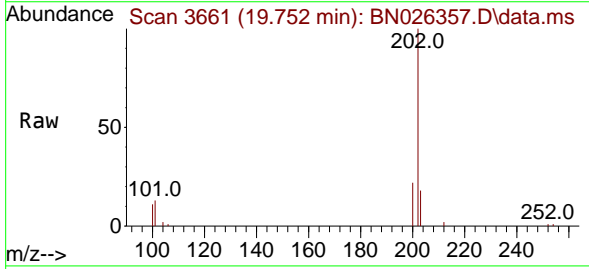
Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.5	14.3
100	8.8	7.3	10.9

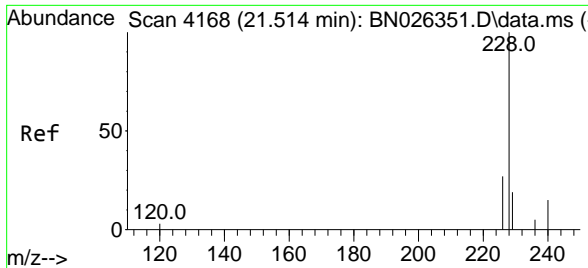


#20
 Pyrene
 Concen: 0.377 ng/uI
 RT: 19.752 min Scan# 3661
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:202 Resp: 19725

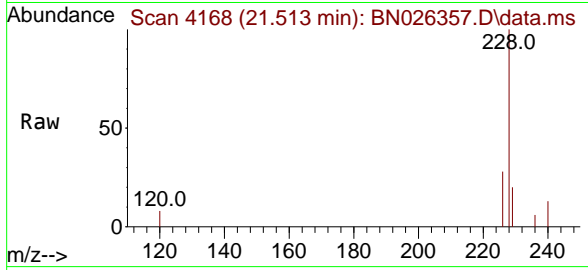
Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.4	17.0
100	10.8	9.1	13.7





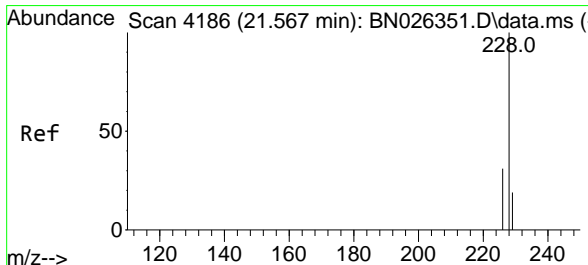
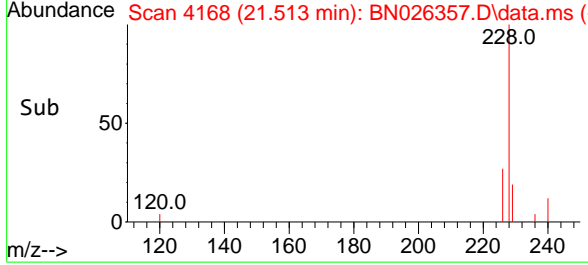
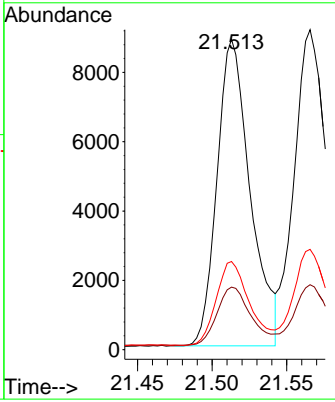
#21
 Benzo(a)anthracene
 Concen: 0.353 ng/uI
 RT: 21.513 min Scan# 4186
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument : BNA_N
 ClientSampleId : DCGZ6MSD



Tgt Ion:228 Resp: 13719

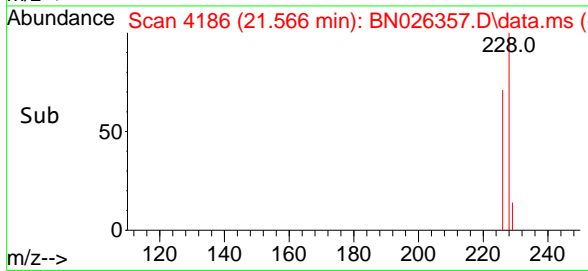
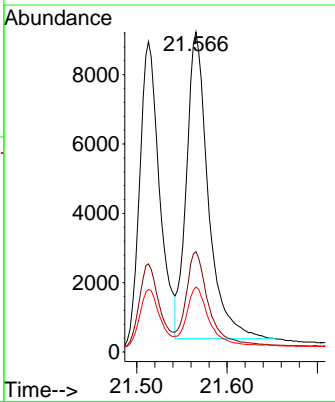
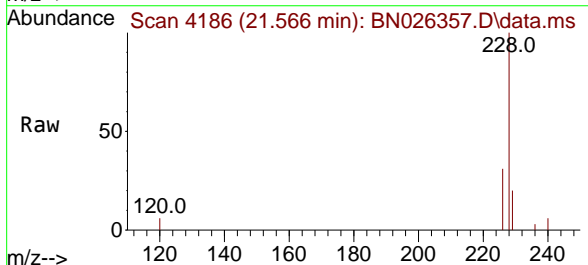
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	28.4	22.5	33.7

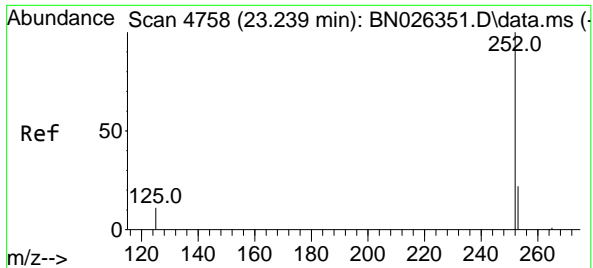


#22
 Chrysene
 Concen: 0.366 ng/uI
 RT: 21.566 min Scan# 4186
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:228 Resp: 14796

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	20.3	15.7	23.5



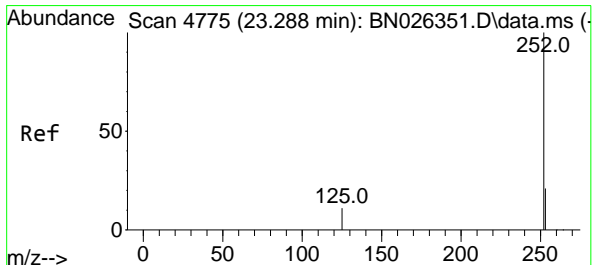
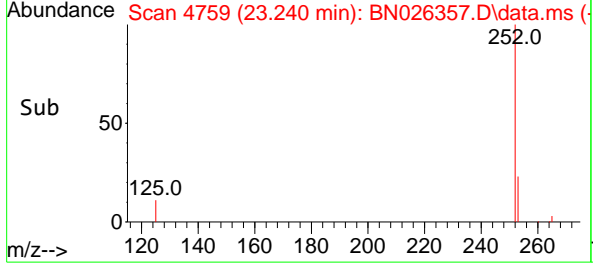
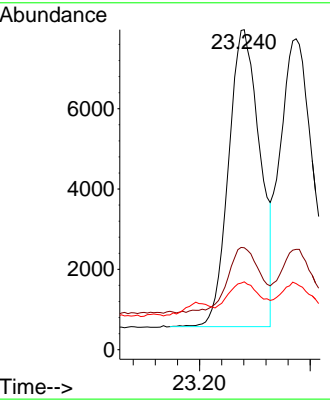
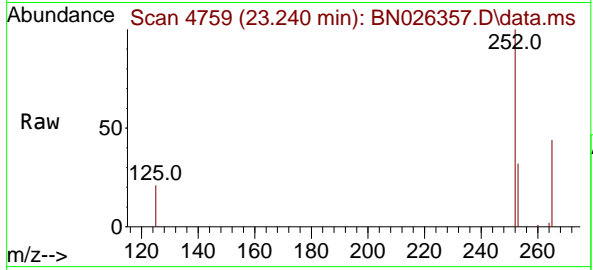


#24
 Benzo(b)fluoranthene
 Concen: 0.331 ng/u1
 RT: 23.240 min Scan# 4758
 Delta R.T. 0.002 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument : BNA_N
 ClientSampleId : DCGZ6MSD

Tgt Ion:252 Resp: 14592

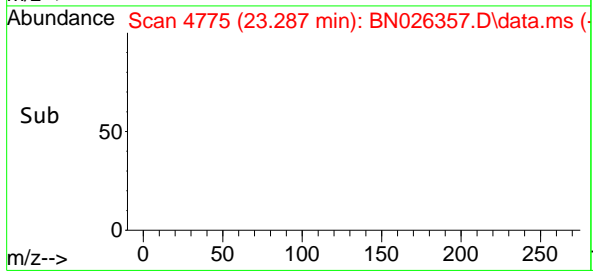
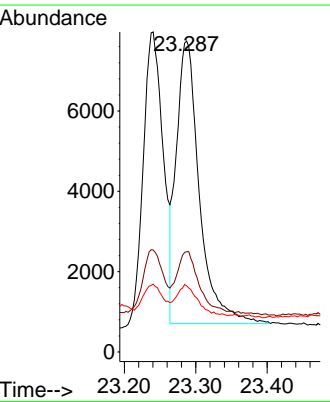
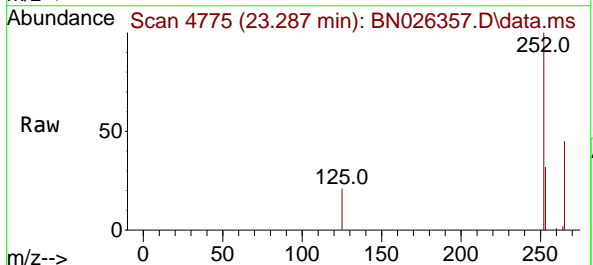
Ion	Ratio	Lower	Upper
252	100		
253	31.9	0.0	55.6
125	21.2	0.0	35.8

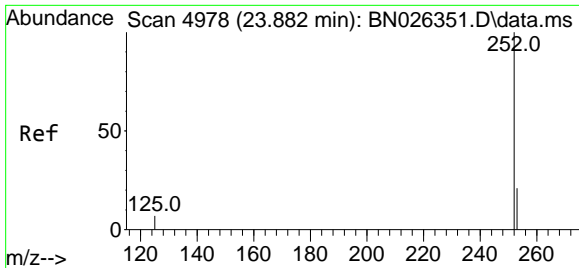


#25
 Benzo(k)fluoranthene
 Concen: 0.357 ng/u1
 RT: 23.287 min Scan# 4775
 Delta R.T. -0.001 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:252 Resp: 15825

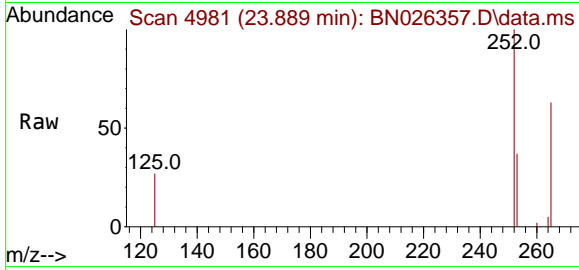
Ion	Ratio	Lower	Upper
252	100		
253	32.3	23.2	34.8
125	21.3	15.0	22.4



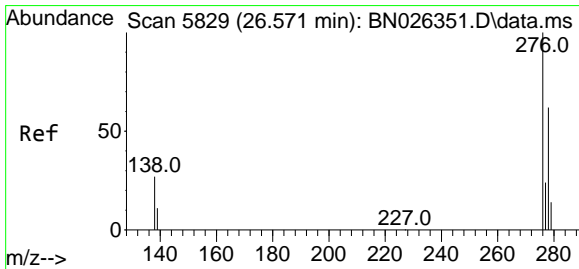
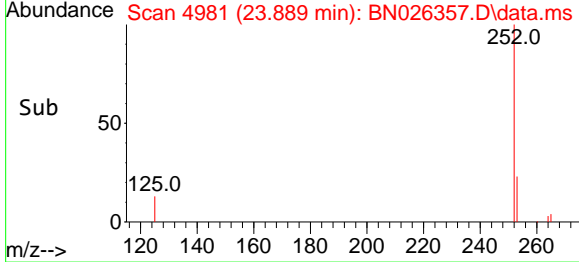
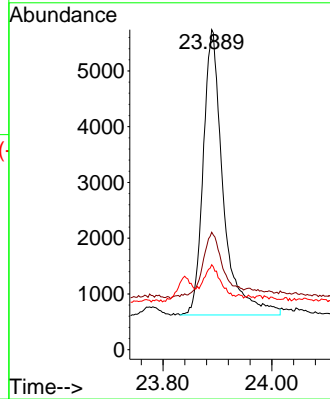


#26
 Benzo(a)pyrene
 Concen: 0.341 ng/u1
 RT: 23.889 min Scan# 4981
 Delta R.T. 0.007 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument :
 BNA_N
 ClientSampleId :
 DCGZ6MSD

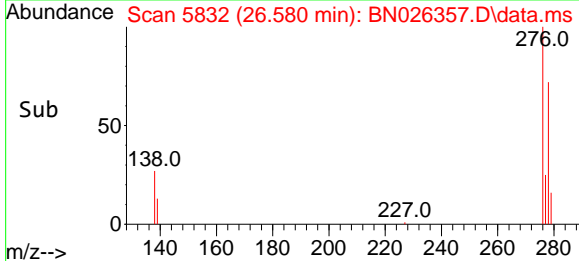
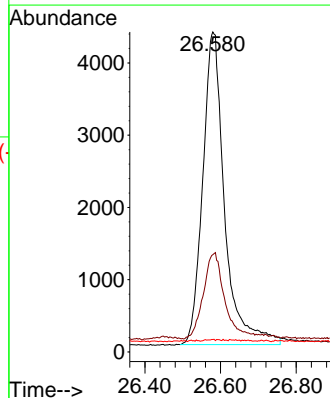
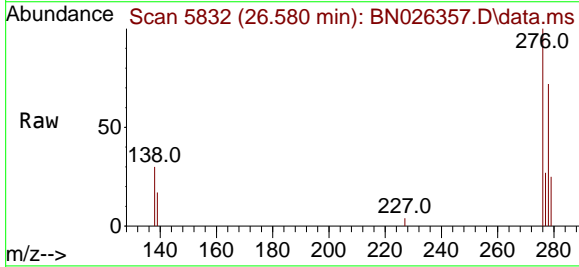


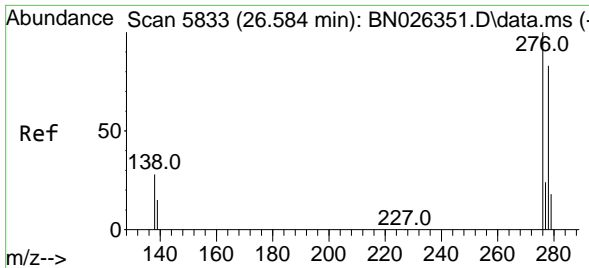
Tgt Ion:252 Resp: 13045
 Ion Ratio Lower Upper
 252 100
 253 36.7 26.0 39.0
 125 26.5 17.3 25.9#



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.414 ng/u1
 RT: 26.580 min Scan# 5832
 Delta R.T. 0.009 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:276 Resp: 17318
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.5 36.7#
 227 0.1 0.0 0.0#



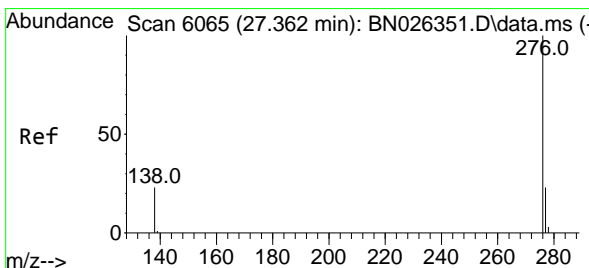
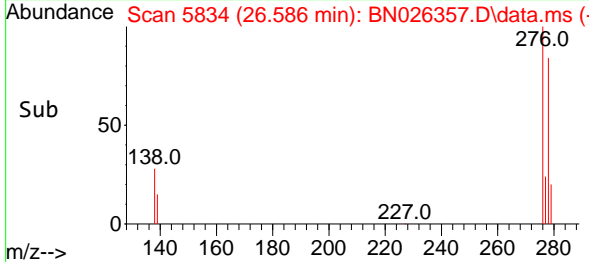
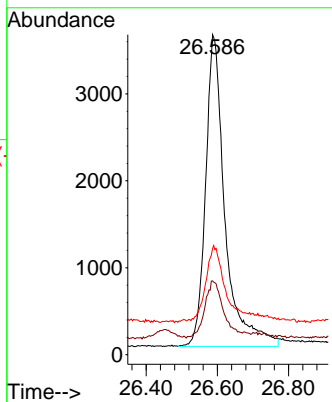
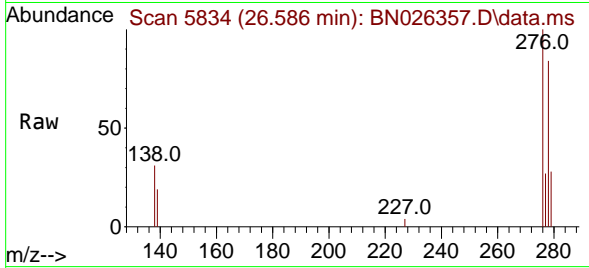


#28
 Dibenzo(a,h)anthracene
 Concen: 0.428 ng/ul
 RT: 26.586 min Scan# 5833
 Delta R.T. 0.002 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Instrument : BNA_N
 ClientSampleId : DCGZ6MSD

Tgt Ion:278 Resp: 13556

Ion	Ratio	Lower	Upper
278	100		
139	23.1	19.0	28.4
279	33.2	26.7	40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.424 ng/ul
 RT: 27.365 min Scan# 6066
 Delta R.T. 0.002 min
 Lab File: BN026357.D
 Acq: 07 Jul 2023 13:53

Tgt Ion:276 Resp: 15787

Ion	Ratio	Lower	Upper
276	100		
138	28.0	23.4	35.0
277	25.9	20.0	30.0

