

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090923\
 Data File : BN027557.D
 Acq On : 11 Sep 2023 01:15
 Operator : MA/JU
 Sample : PB155341BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS341

Quant Time: Sep 11 02:19:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 03:55:54 2023
 Response via : Initial Calibration

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

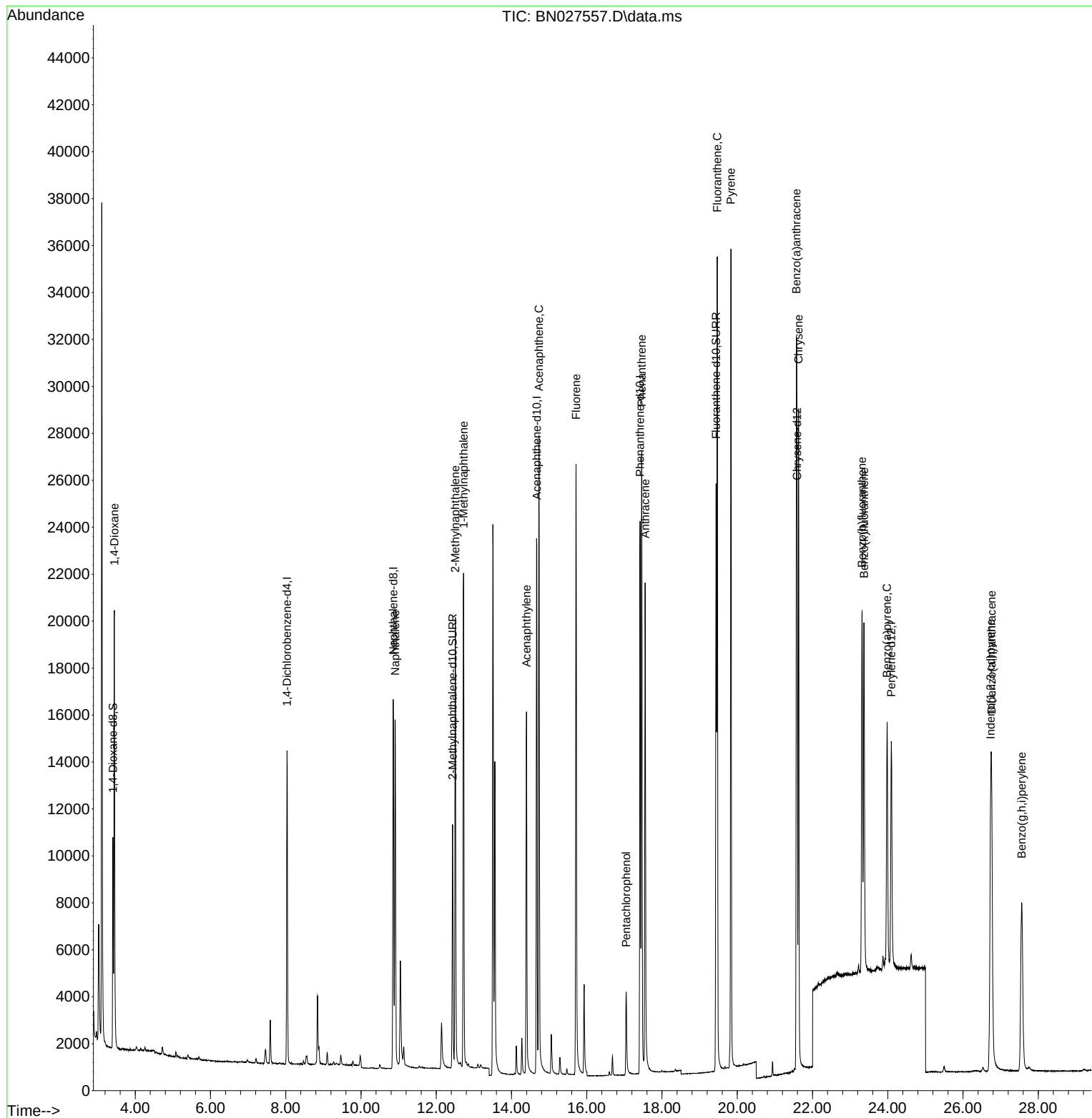
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	6783	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.856	136	22357	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.670	164	13218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	29071	0.400	ng/ul	0.00
17) Chrysene-d12	21.592	240	19267	0.400	ng/ul	0.00
23) Perylene-d12	24.094	264	15834	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	5847	0.648	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.434	152	13843	0.408	ng/ul	-0.01
18) Fluoranthene-d10	19.436	212	28793	0.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.443	88	13771	1.508	ng/ul#	85
5) Naphthalene	10.905	128	21231	0.327	ng/ul	100
7) 2-Methylnaphthalene	12.506	142	13860	0.342	ng/ul	99
8) 1-Methylnaphthalene	12.726	142	14992	0.347	ng/ul	100
10) Acenaphthylene	14.397	152	19333	0.319	ng/ul	99
11) Acenaphthene	14.731	153	16139	0.310	ng/ul	96
12) Fluorene	15.716	166	18438	0.316	ng/ul	98
14) Pentachlorophenol	17.046	266	2847	0.502	ng/ul	100
15) Phenanthrene	17.460	178	29508	0.312	ng/ul	100
16) Anthracene	17.553	178	24781	0.329	ng/ul	99
19) Fluoranthene	19.469	202	31382	0.354	ng/ul	98
20) Pyrene	19.831	202	31546	0.350	ng/ul	97
21) Benzo(a)anthracene	21.574	228	25338	0.365	ng/ul	100
22) Chrysene	21.630	228	25194	0.311	ng/ul	99
24) Benzo(b)fluoranthene	23.313	252	22729	0.304	ng/ul	97
25) Benzo(k)fluoranthene	23.366	252	21882	0.299	ng/ul	98
26) Benzo(a)pyrene	23.983	252	18257	0.313	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.734	276	22101	0.341	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.757	278	17758	0.358	ng/ul	97
29) Benzo(g,h,i)perylene	27.559	276	18944	0.324	ng/ul	98

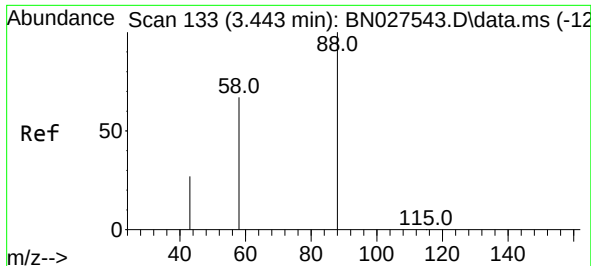
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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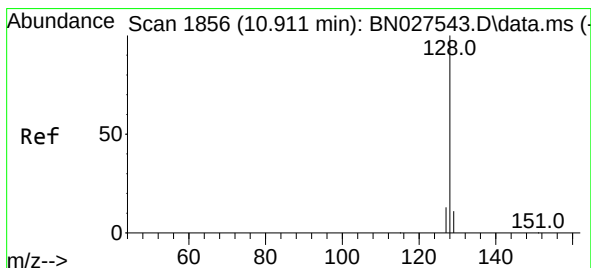
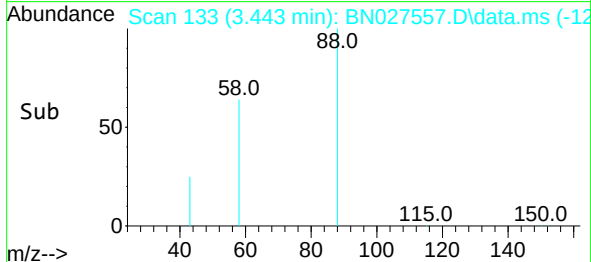
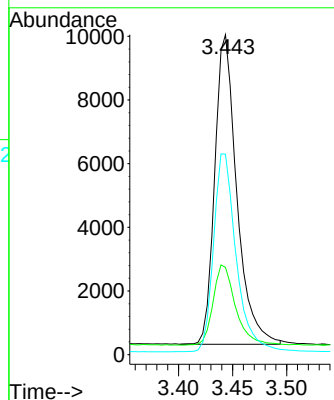
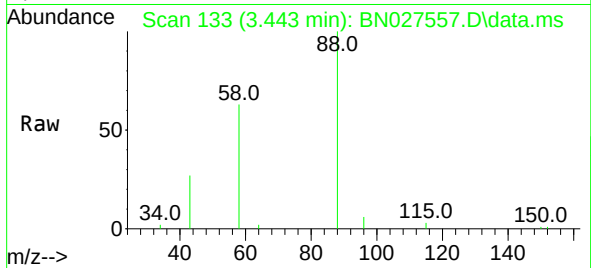




#2
1,4-Dioxane
Concen: 1.508 ng/ul
RT: 3.443 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

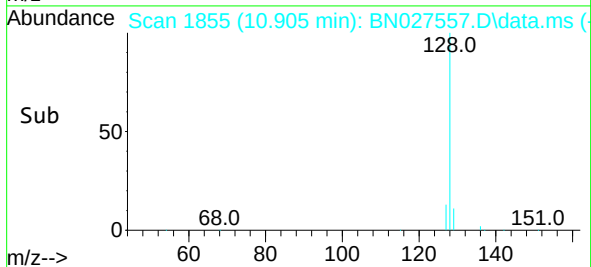
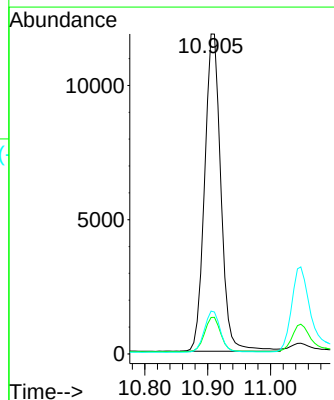
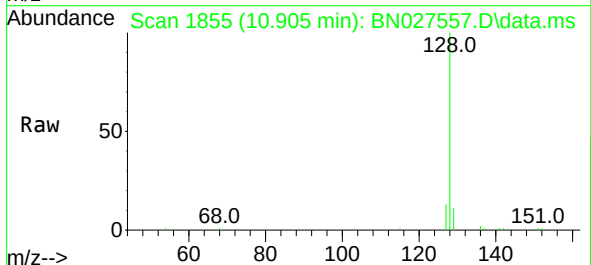
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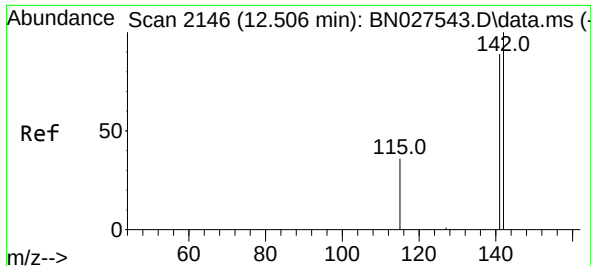
Tgt Ion: 88 Resp: 13771
Ion Ratio Lower Upper
88 100
43 27.3 26.8 40.2
58 62.7 39.9 59.9#



#5
Naphthalene
Concen: 0.327 ng/ul
RT: 10.905 min Scan# 1855
Delta R.T. -0.017 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Tgt Ion:128 Resp: 21231
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 10.6 16.0

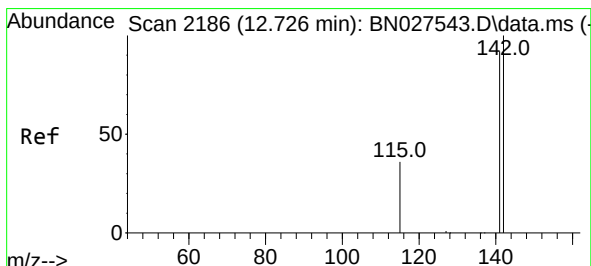
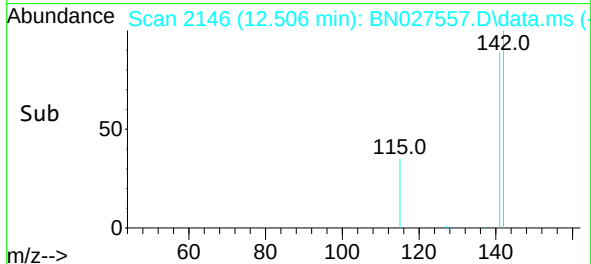
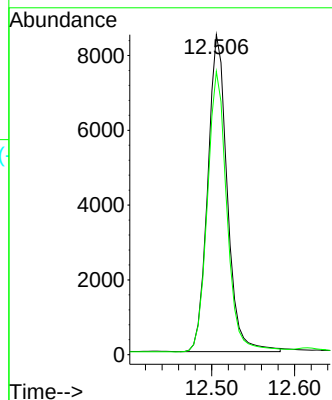
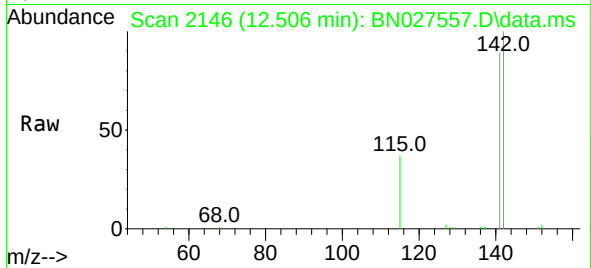




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.506 min Scan# 2146
Delta R.T. -0.017 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

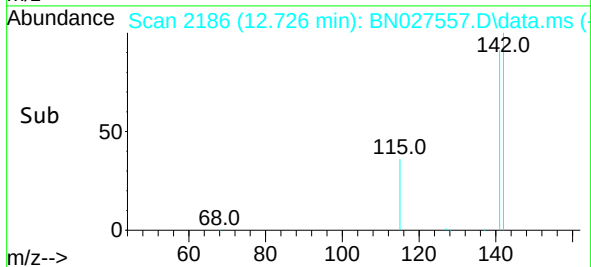
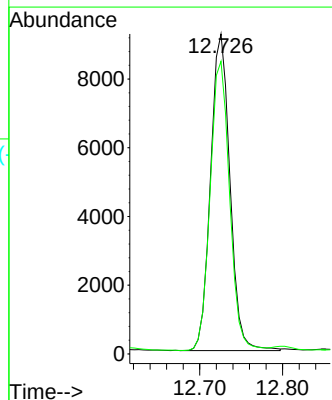
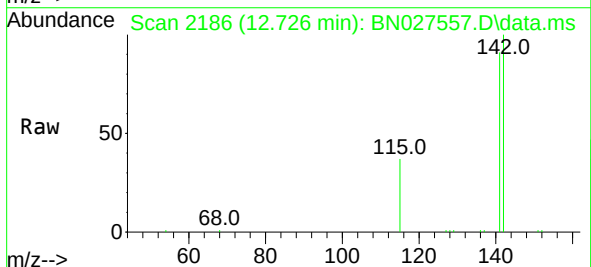
Instrument :
BNA_N
ClientSampleId :
SLCS341

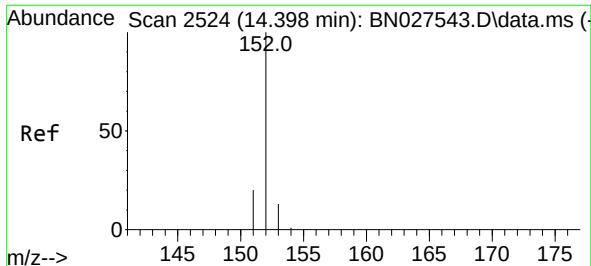
Tgt Ion:142 Resp: 13860
Ion Ratio Lower Upper
142 100
141 88.6 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.726 min Scan# 2186
Delta R.T. -0.011 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Tgt Ion:142 Resp: 14992
Ion Ratio Lower Upper
142 100
141 91.5 73.0 109.4

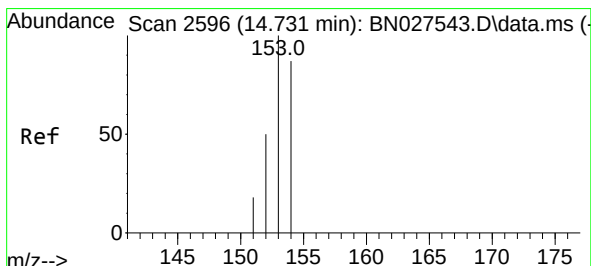
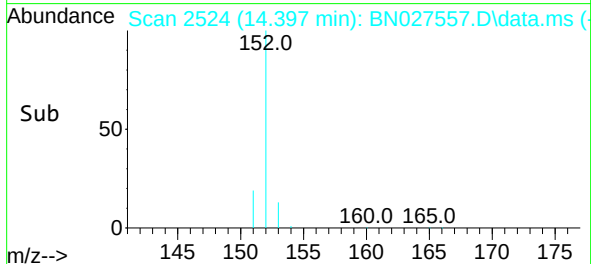
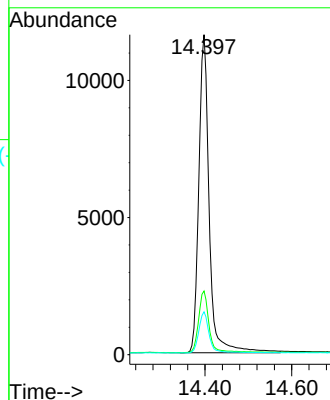
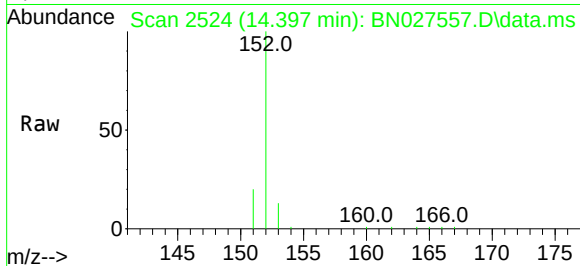




#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.397 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

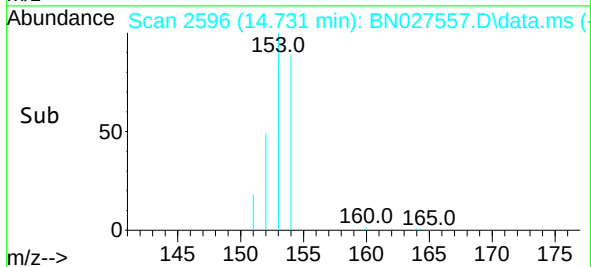
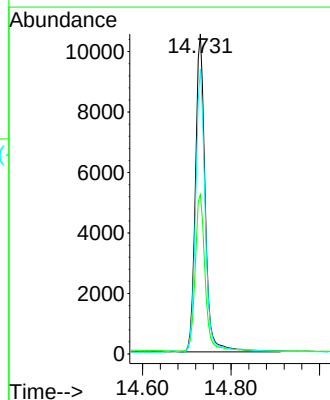
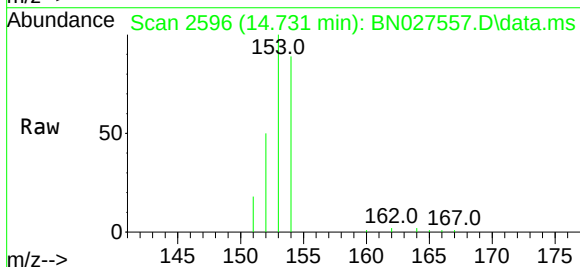
Instrument :
BNA_N
ClientSampleId :
SLCS341

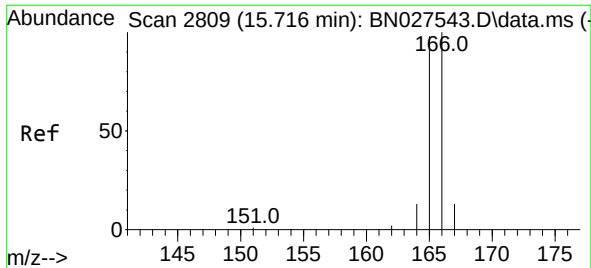
Tgt Ion:152 Resp: 19333
Ion Ratio Lower Upper
152 100
151 19.9 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.310 ng/ul
RT: 14.731 min Scan# 2596
Delta R.T. -0.009 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Tgt Ion:153 Resp: 16139
Ion Ratio Lower Upper
153 100
152 49.8 42.9 64.3
154 89.1 69.4 104.0

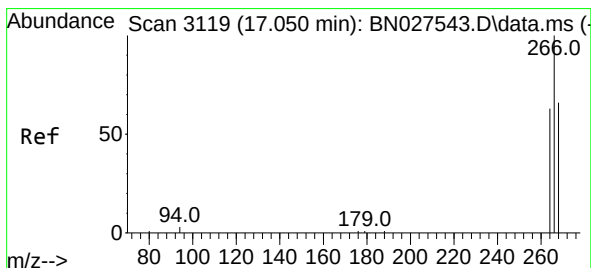
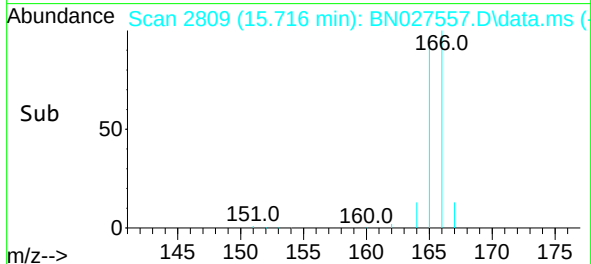
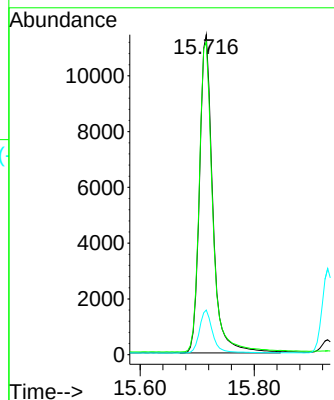
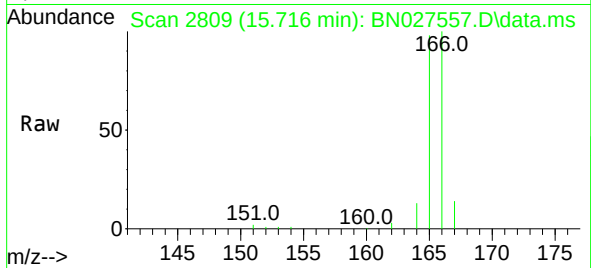




#12
 Fluorene
 Concen: 0.316 ng/ul
 RT: 15.716 min Scan# 2809
 Delta R.T. -0.009 min
 Lab File: BN027557.D
 Acq: 11 Sep 2023 01:15

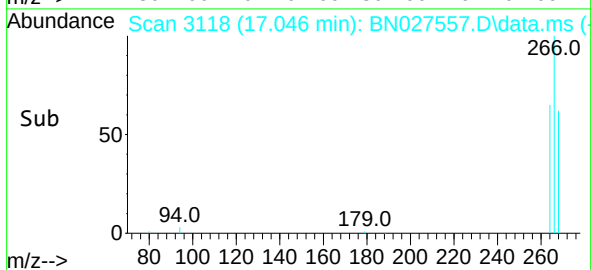
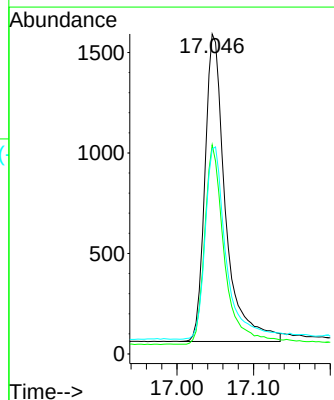
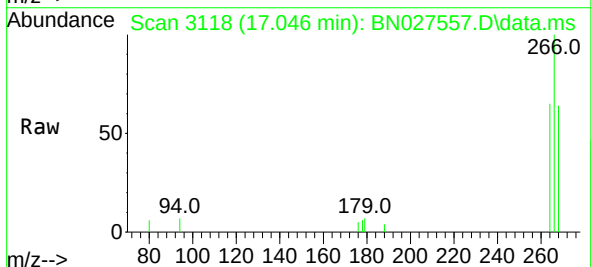
Instrument :
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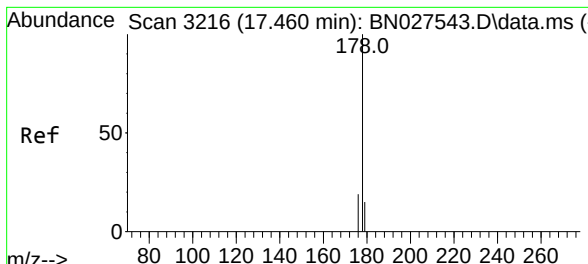
Tgt Ion:166 Resp: 18438
 Ion Ratio Lower Upper
 166 100
 165 97.7 79.6 119.4
 167 13.9 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.502 ng/ul
 RT: 17.046 min Scan# 3118
 Delta R.T. -0.013 min
 Lab File: BN027557.D
 Acq: 11 Sep 2023 01:15

Tgt Ion:266 Resp: 2847
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.4 75.6
 268 64.5 51.9 77.9

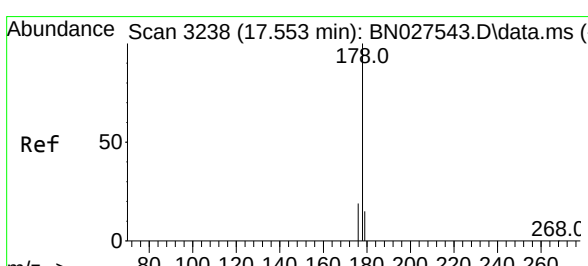
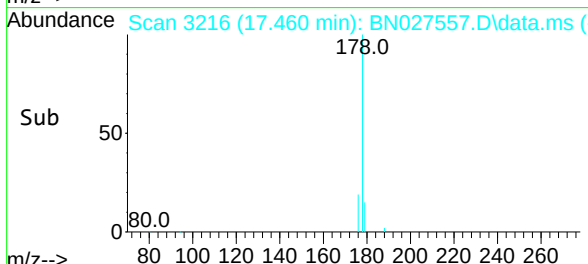
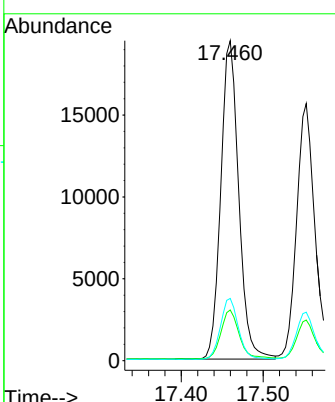
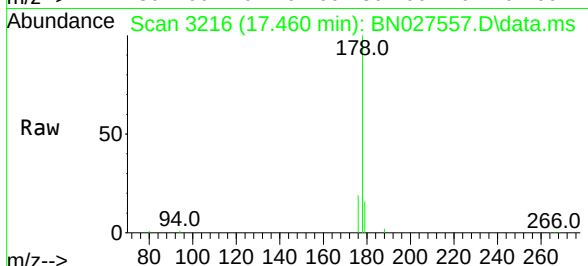




#15
 Phenanthrene
 Concen: 0.312 ng/ul
 RT: 17.460 min Scan# 3216
 Delta R.T. -0.009 min
 Lab File: BN027557.D
 Acq: 11 Sep 2023 01:15

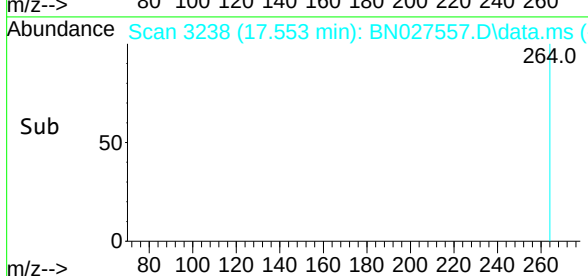
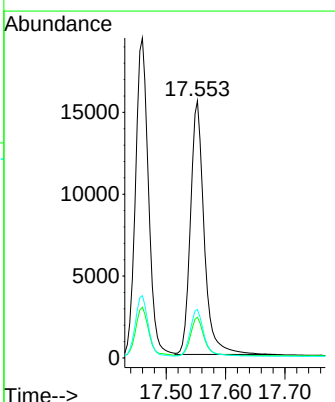
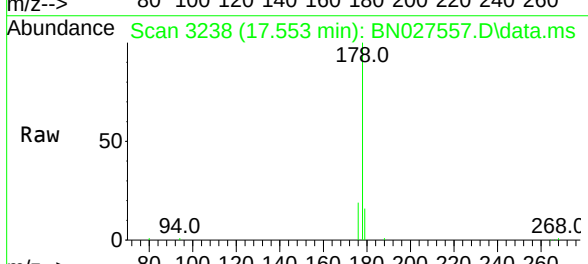
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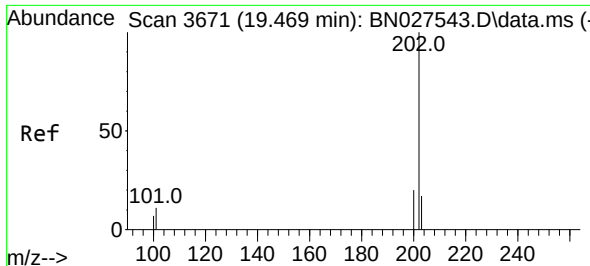
Tgt Ion:	178	Resp:	29508
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.6	19.0
176	19.4	15.8	23.8



#16
 Anthracene
 Concen: 0.329 ng/ul
 RT: 17.553 min Scan# 3238
 Delta R.T. -0.009 min
 Lab File: BN027557.D
 Acq: 11 Sep 2023 01:15

Tgt Ion:	178	Resp:	24781
Ion Ratio	Lower	Upper	
178	100		
179	15.8	13.0	19.6
176	18.9	15.6	23.4

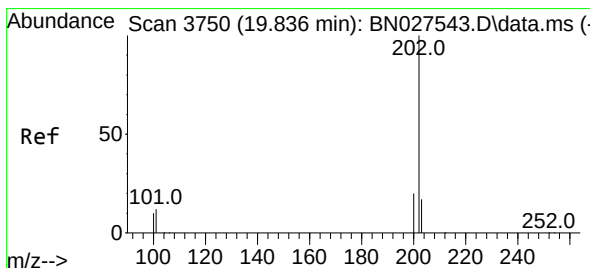
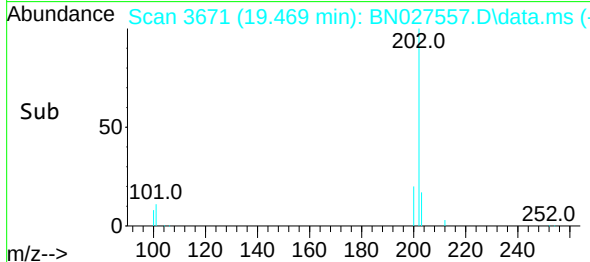
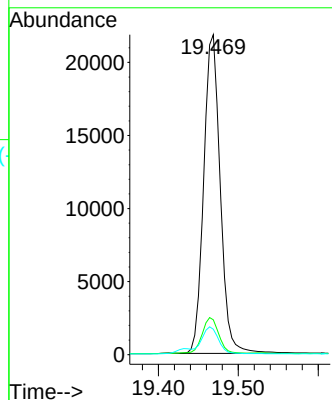
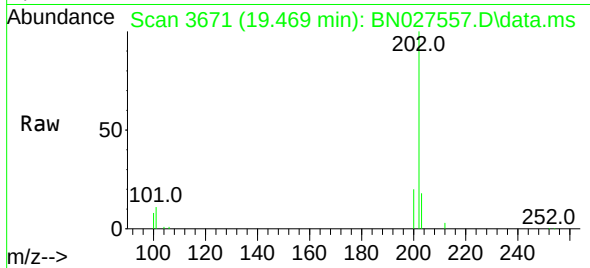




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.469 min Scan# 31382
Delta R.T. -0.009 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

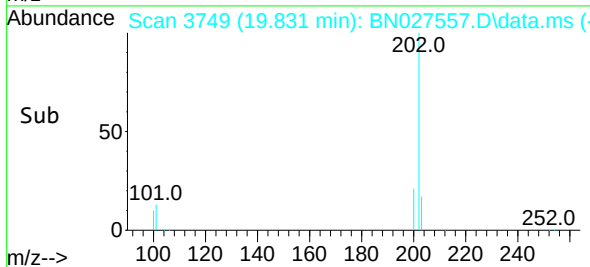
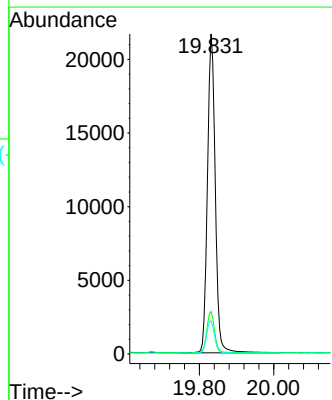
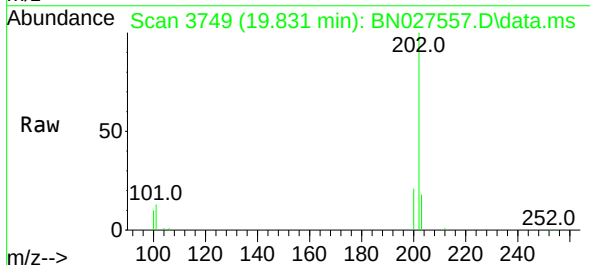
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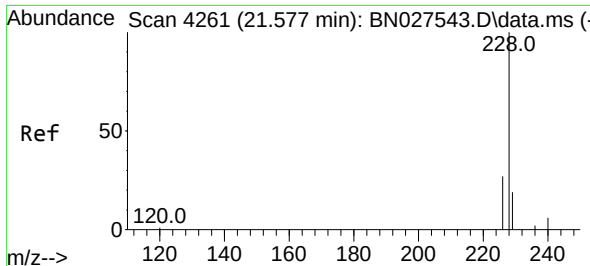
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.4	14.0
100	8.0	6.9	10.3



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.831 min Scan# 3749
Delta R.T. -0.009 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.4	17.2
100	10.4	9.4	14.2

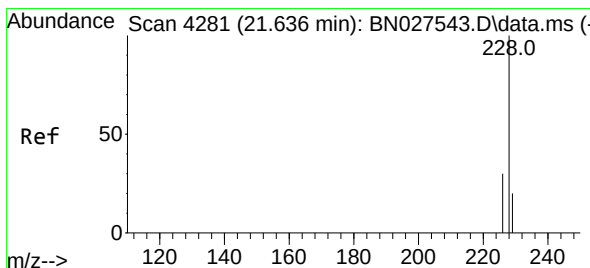
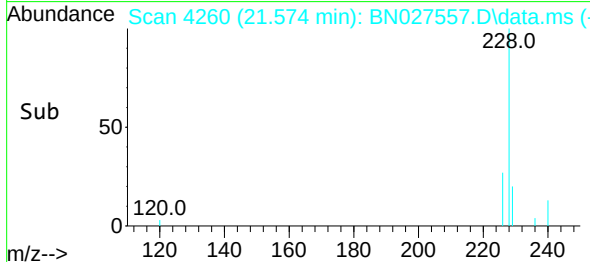
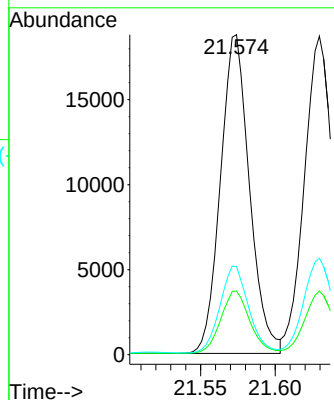
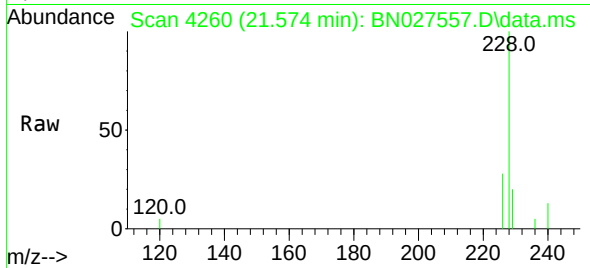




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.574 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

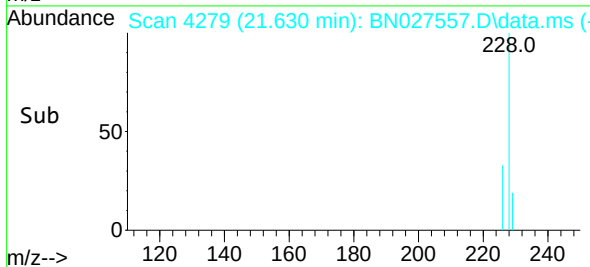
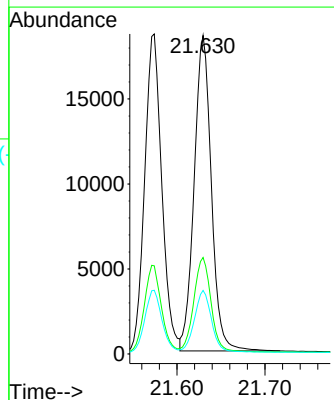
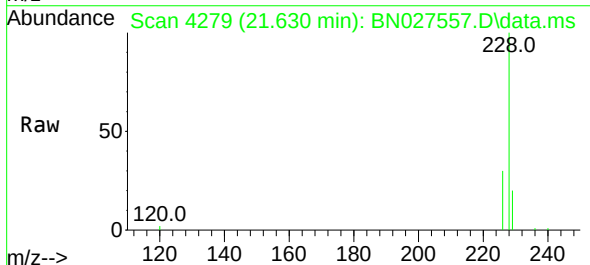
Instrument :
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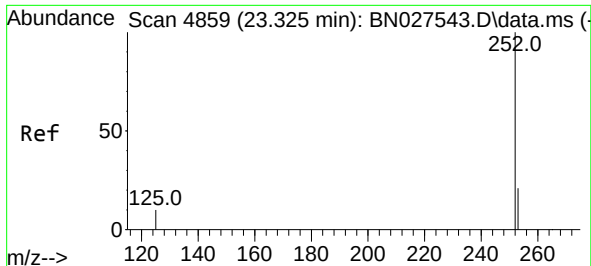
Tgt Ion:228 Resp: 25338
Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 27.5 22.0 33.0



#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.006 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

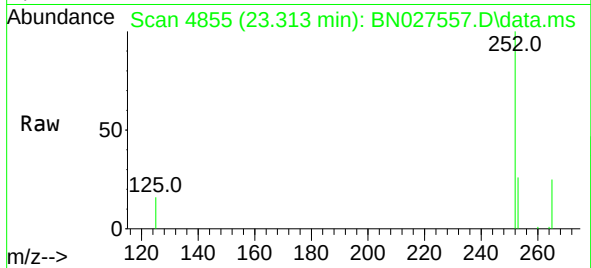
Tgt Ion:228 Resp: 25194
Ion Ratio Lower Upper
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226 30.3 24.4 36.6
229 19.9 15.6 23.4



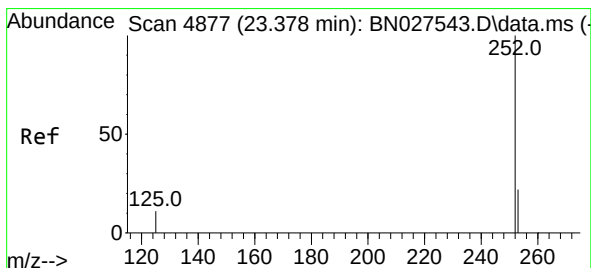
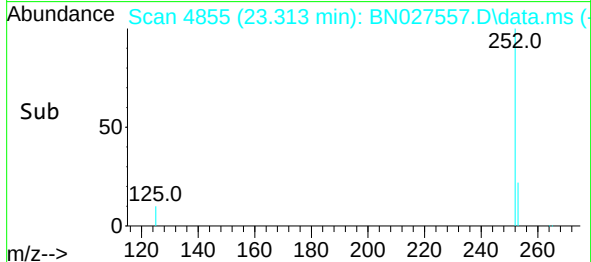
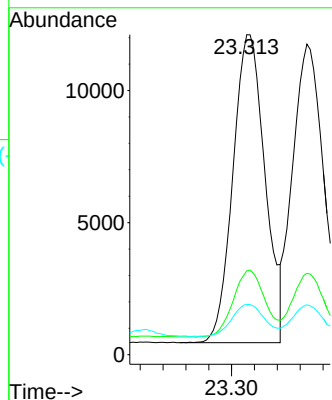


#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul
RT: 23.313 min Scan# 4855
Delta R.T. -0.015 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Instrument :
BNA_N
ClientSampleId :
SLCS341

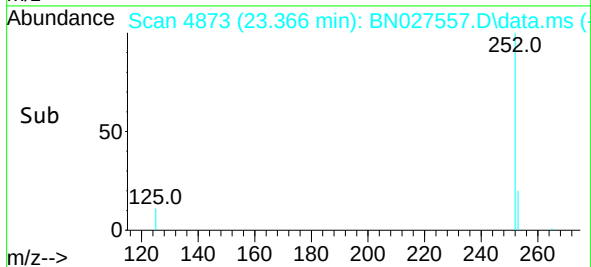
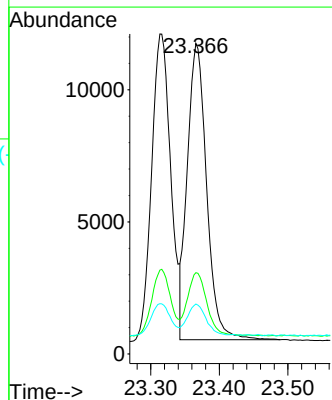
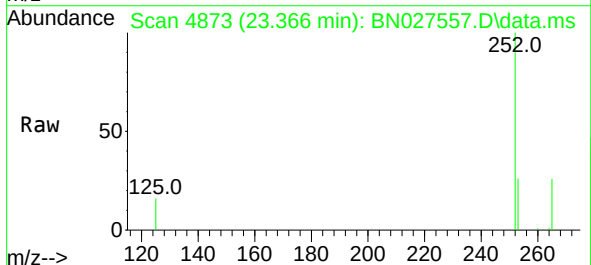


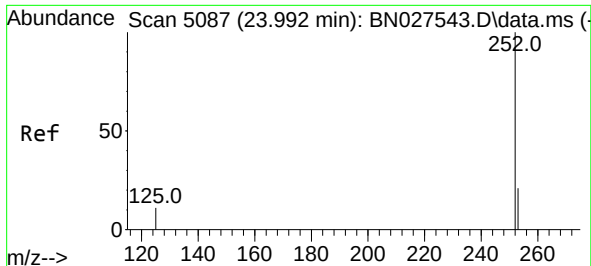
Tgt Ion:252 Resp: 22729
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.6
125 15.7 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 23.366 min Scan# 4873
Delta R.T. -0.012 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Tgt Ion:252 Resp: 21882
Ion Ratio Lower Upper
252 100
253 26.2 19.9 29.9
125 16.1 13.6 20.4

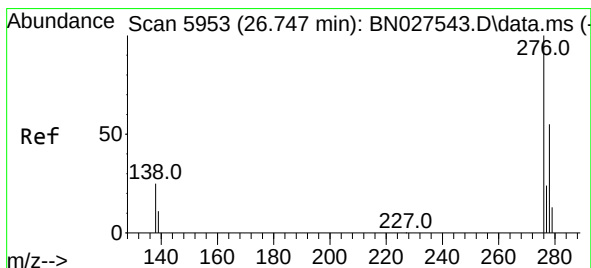
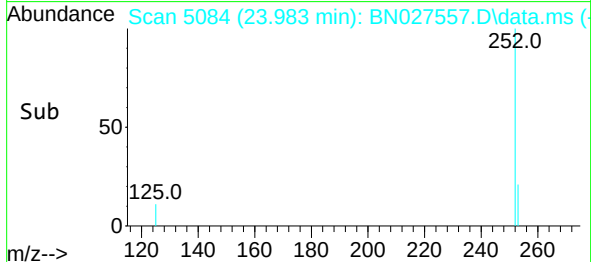
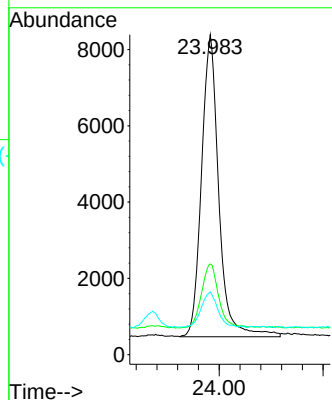
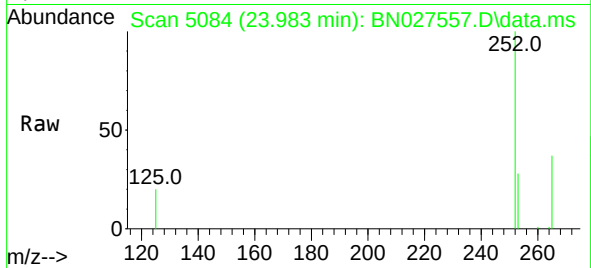




#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 23.983 min Scan# 5084
Delta R.T. -0.012 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

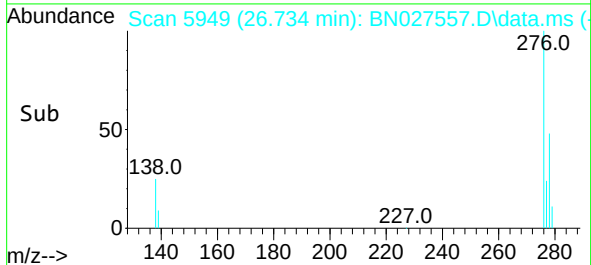
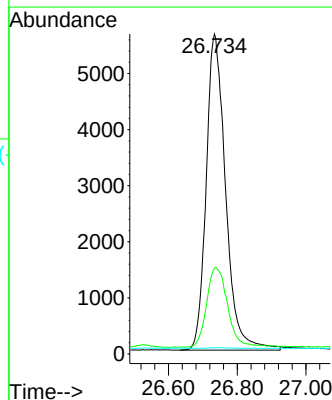
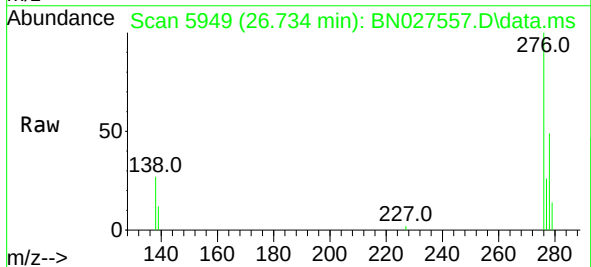
Instrument :
BNA_N
ClientSampleId :
SLCS341

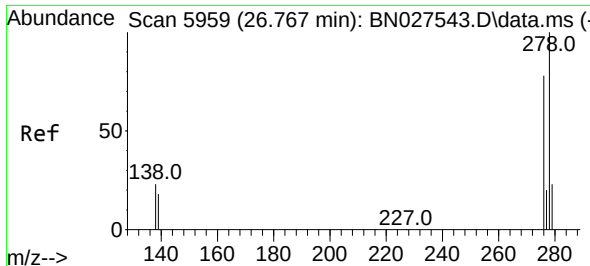
Tgt Ion:	252	Resp:	18257
Ion Ratio	Lower	Upper	
252	100		
253	28.4	22.4	33.6
125	19.6	17.4	26.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 26.734 min Scan# 5949
Delta R.T. -0.020 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

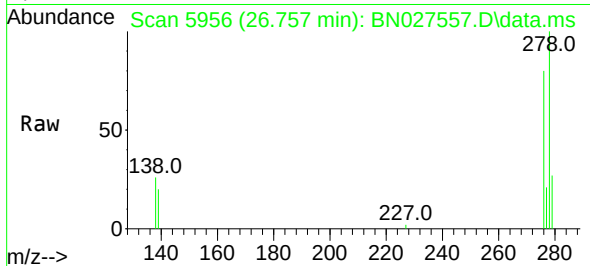
Tgt Ion:	276	Resp:	22101
Ion Ratio	Lower	Upper	
276	100		
138	27.4	23.9	35.9
227	0.1	0.1	0.1



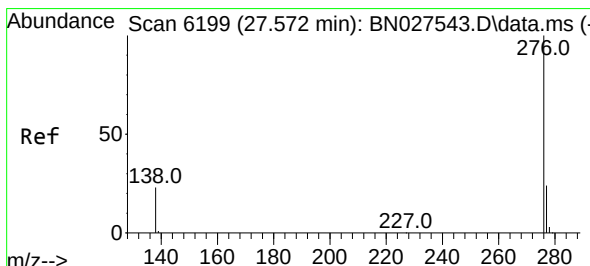
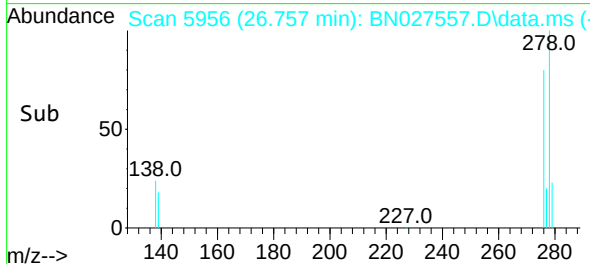
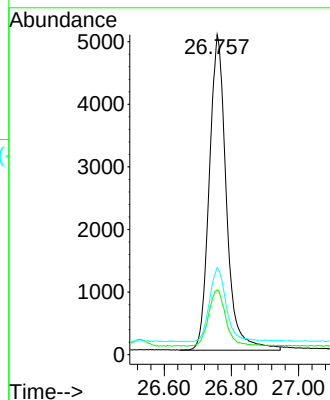


#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.757 min Scan# 5956
Delta R.T. -0.020 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Instrument :
BNA_N
ClientSampleId :
SLCS341



Tgt Ion:278 Resp: 17758
Ion Ratio Lower Upper
278 100
139 20.3 18.0 27.0
279 27.2 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.324 ng/ul
RT: 27.559 min Scan# 6195
Delta R.T. -0.024 min
Lab File: BN027557.D
Acq: 11 Sep 2023 01:15

Tgt Ion:276 Resp: 18944
Ion Ratio Lower Upper
276 100
138 25.9 22.1 33.1
277 25.2 20.2 30.4

