

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026348.D
 Acq On : 07 Jul 2023 02:17
 Operator : MA/JU
 Sample : PB153517BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS517

Quant Time: Jul 07 02:51:31 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 : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

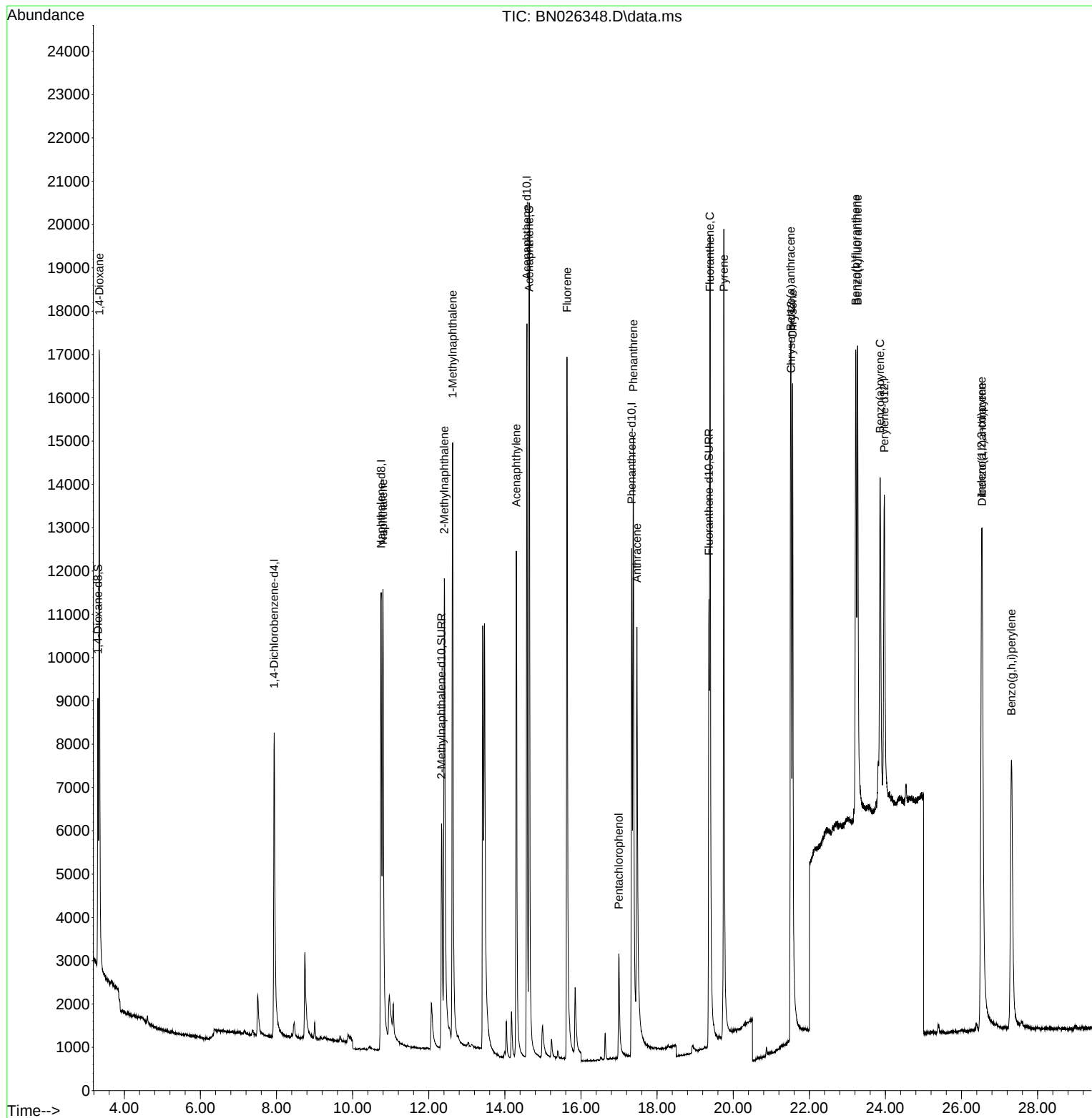
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	5978	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	20077	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.580	164	11030	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	17806	0.400	ng/ul	0.00
17) Chrysene-d12	21.523	240	11165	0.400	ng/ul	0.00
23) Perylene-d12	23.973	264	12165	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.306	96	4454	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	9599	0.311	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	14434	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.344	88	10692	1.496	ng/ul#	85
5) Naphthalene	10.798	128	19159	0.333	ng/ul	100
7) 2-Methylnaphthalene	12.409	142	11096	0.303	ng/ul	100
8) 1-Methylnaphthalene	12.629	142	11904	0.314	ng/ul	100
10) Acenaphthylene	14.302	152	17682	0.342	ng/ul	99
11) Acenaphthene	14.640	153	13799	0.327	ng/ul	99
12) Fluorene	15.634	166	14184	0.293	ng/ul	98
14) Pentachlorophenol	16.997	266	2477	0.388	ng/ul	99
15) Phenanthrene	17.377	178	18861	0.321	ng/ul	98
16) Anthracene	17.469	178	16392	0.314	ng/ul	98
19) Fluoranthene	19.391	202	19492	0.327	ng/ul	98
20) Pyrene	19.754	202	20521	0.331	ng/ul	96
21) Benzo(a)anthracene	21.509	228	14877	0.323	ng/ul	99
22) Chrysene	21.561	228	15928	0.332	ng/ul	99
24) Benzo(b)fluoranthene	23.221	252	16780	0.323	ng/ul	95
25) Benzo(k)fluoranthene	23.271	252	17196	0.330	ng/ul	97
26) Benzo(a)pyrene	23.862	252	15169	0.336	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.527	276	20026	0.407	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.544	278	15445	0.414	ng/ul	98
29) Benzo(g,h,i)perylene	27.312	276	17759	0.405	ng/ul	97

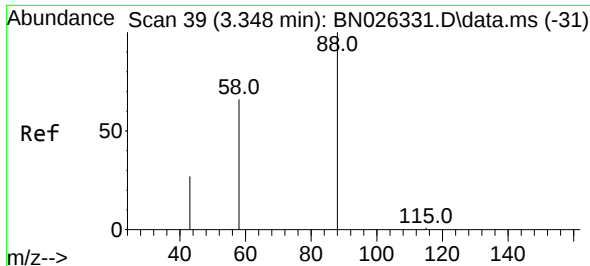
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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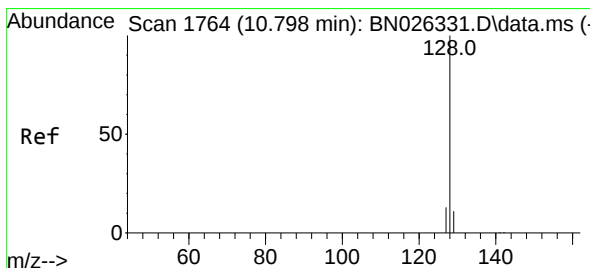
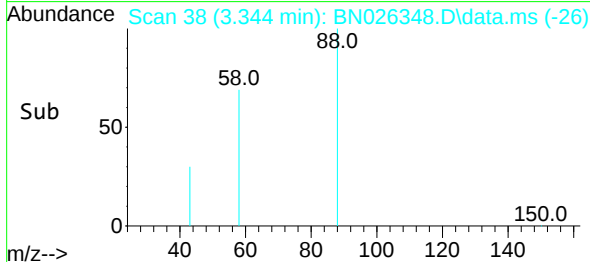
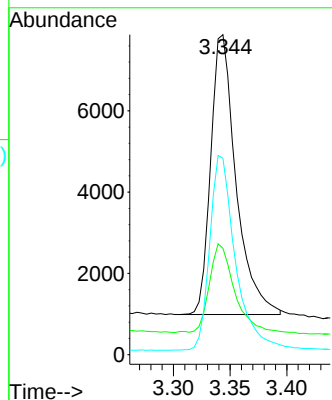
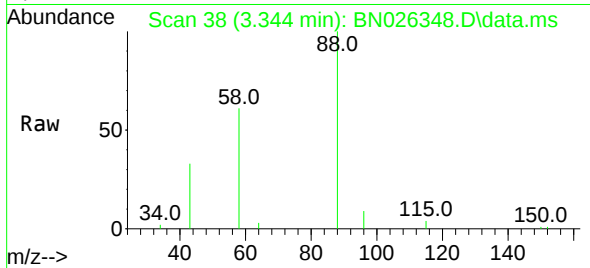




#2
1,4-Dioxane
Concen: 1.496 ng/ul
RT: 3.344 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

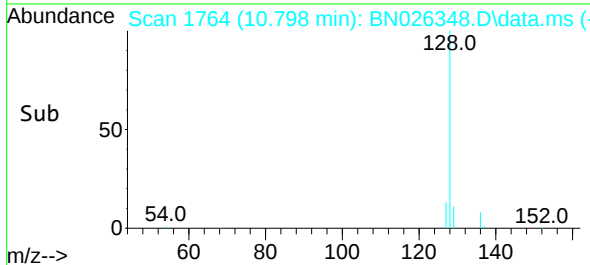
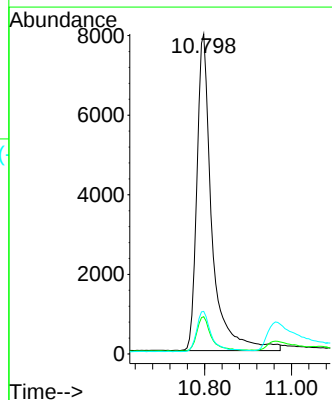
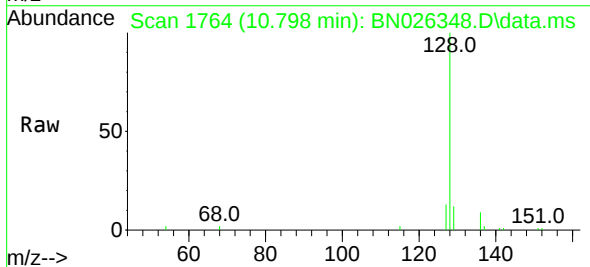
Instrument :
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SLCS517

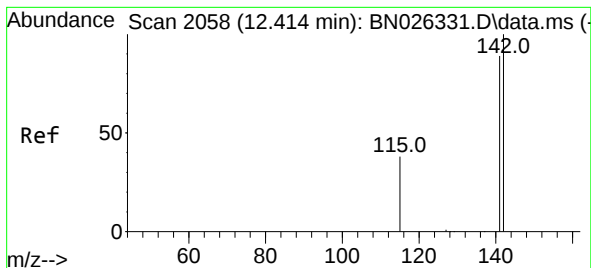
Tgt Ion: 88 Resp: 10692
Ion Ratio Lower Upper
88 100
43 33.3 29.5 44.3
58 61.4 37.4 56.2#



#5
Naphthalene
Concen: 0.333 ng/ul
RT: 10.798 min Scan# 1764
Delta R.T. 0.000 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:128 Resp: 19159
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 10.7 16.1

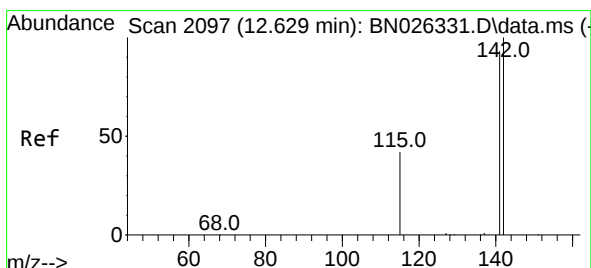
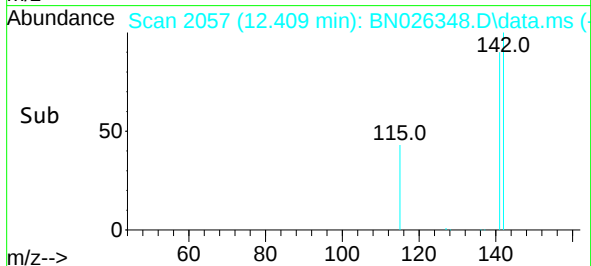
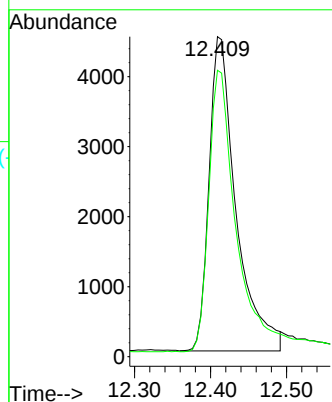
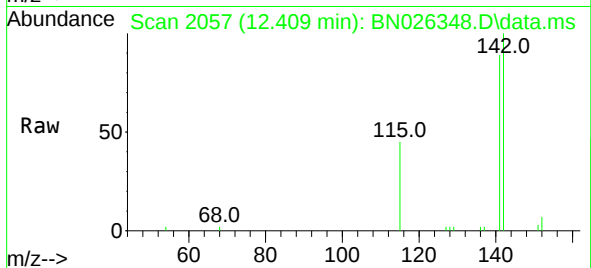




#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

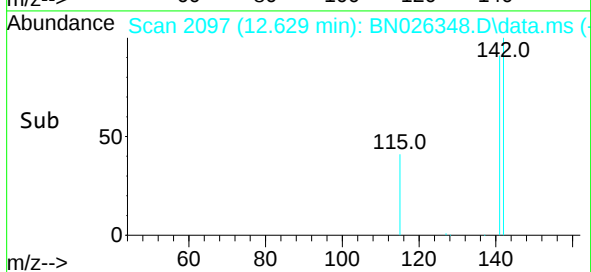
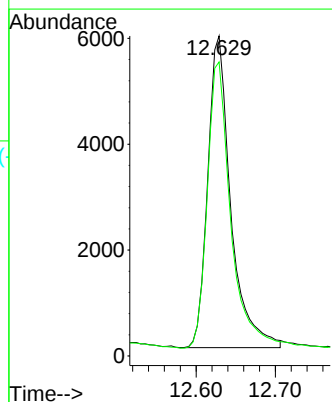
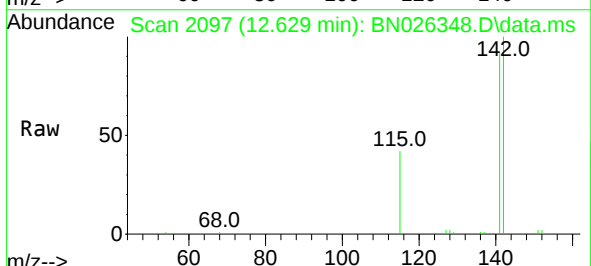
Instrument :
BNA_N
ClientSampleId :
SLCS517

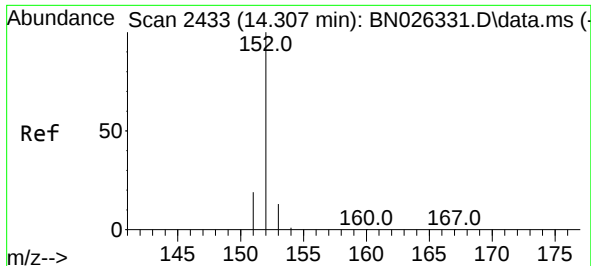
Tgt Ion:142 Resp: 11096
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.629 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:142 Resp: 11904
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

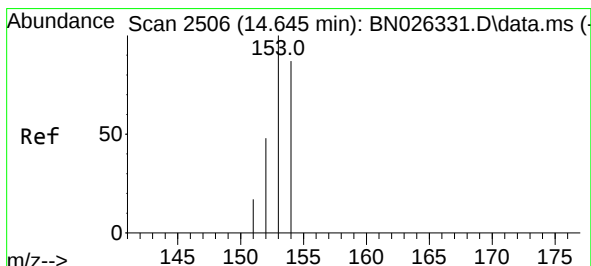
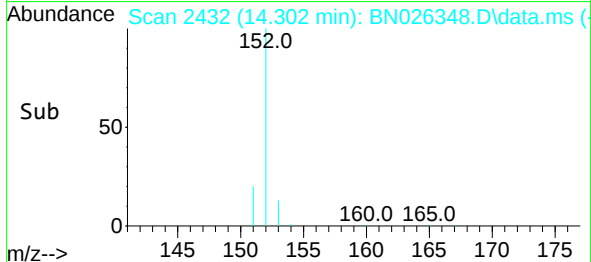
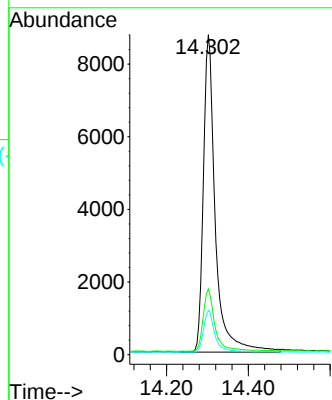
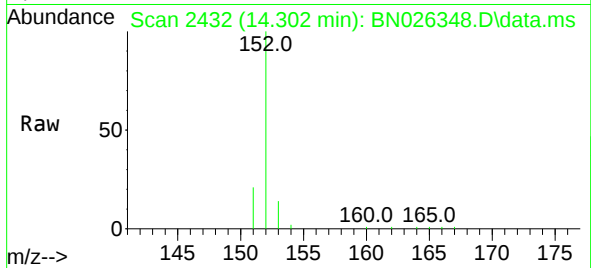




#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.302 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

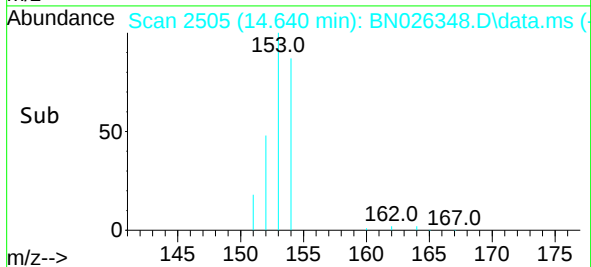
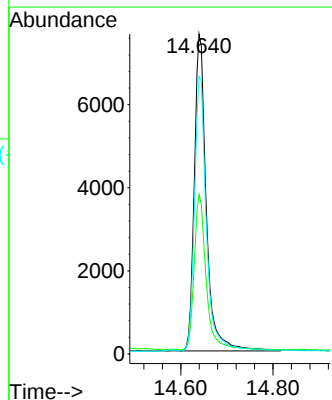
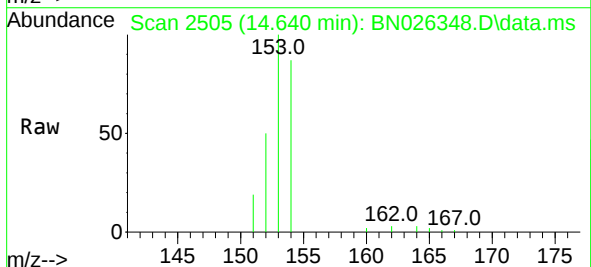
Instrument :
BNA_N
ClientSampleId :
SLCS517

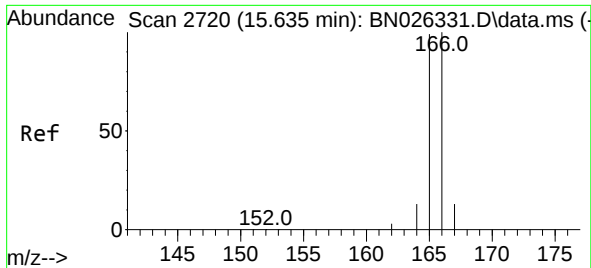
Tgt Ion:152 Resp: 17682
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.8 10.9 16.3



#11
Acenaphthene
Concen: 0.327 ng/ul
RT: 14.640 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:153 Resp: 13799
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 86.7 68.9 103.3

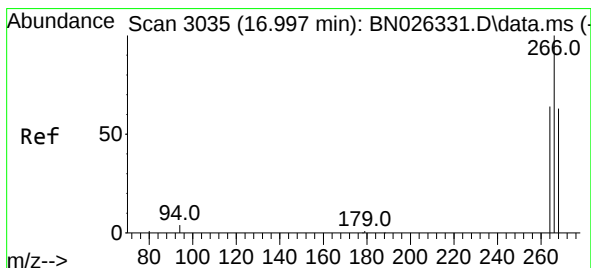
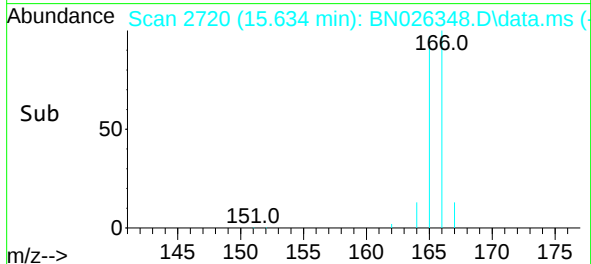
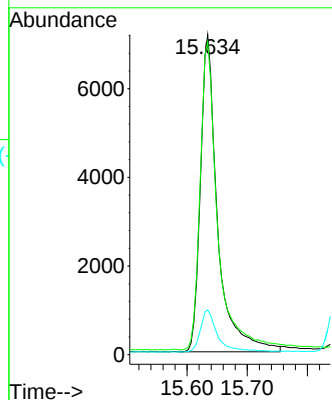
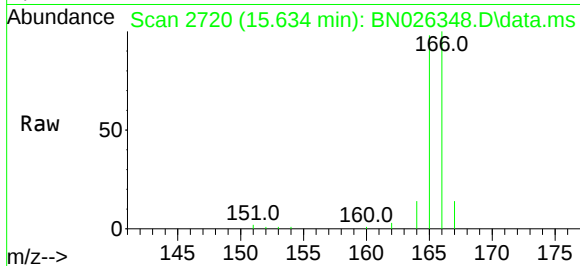




#12
 Fluorene
 Concen: 0.293 ng/ul
 RT: 15.634 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN026348.D
 Acq: 07 Jul 2023 02:17

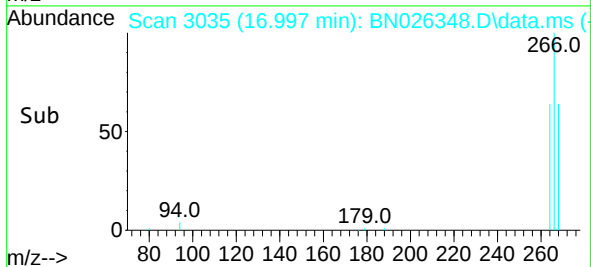
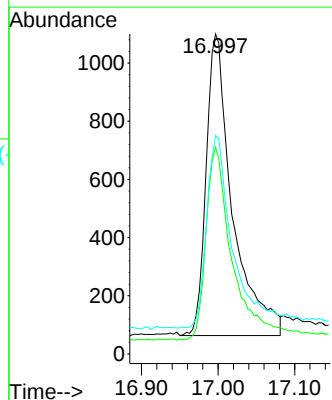
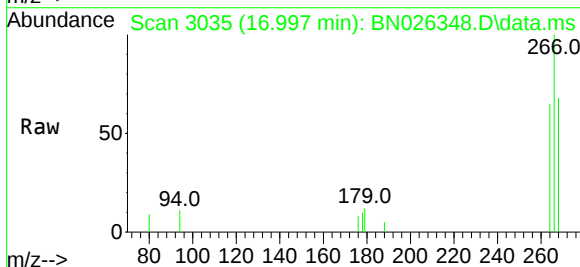
Instrument :
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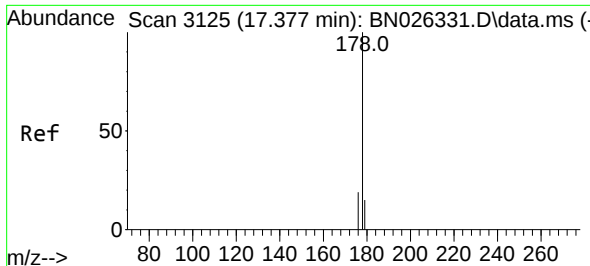
Tgt Ion:	166	Resp:	14184
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.9	119.9
167	14.0	10.8	16.2



#14
 Pentachlorophenol
 Concen: 0.388 ng/ul
 RT: 16.997 min Scan# 3035
 Delta R.T. -0.004 min
 Lab File: BN026348.D
 Acq: 07 Jul 2023 02:17

Tgt Ion:	266	Resp:	2477
Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.5	75.7
268	63.1	51.6	77.4

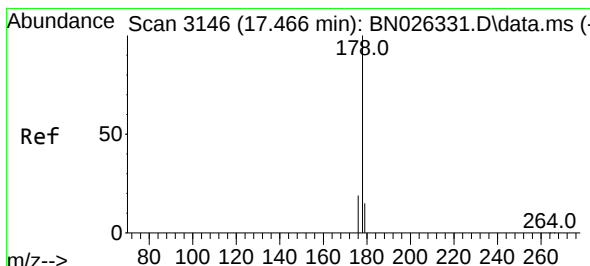
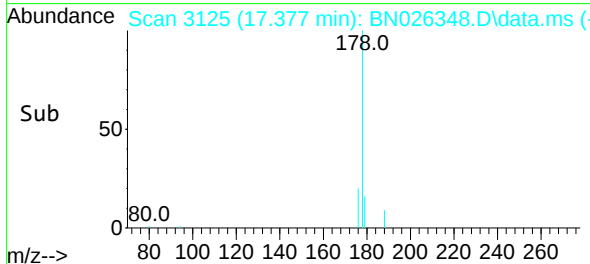
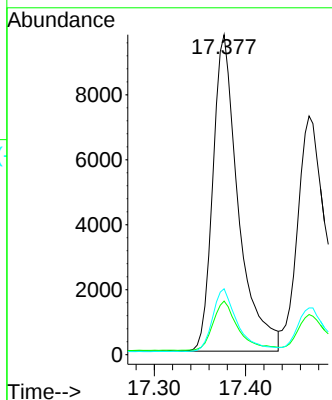
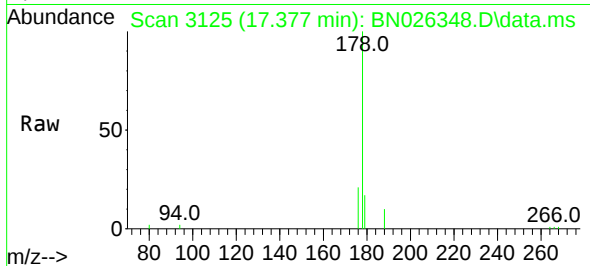




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.377 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

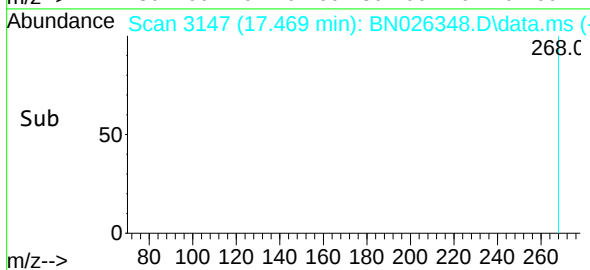
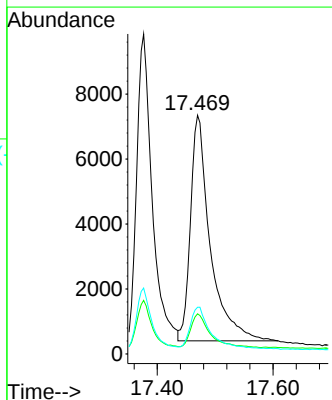
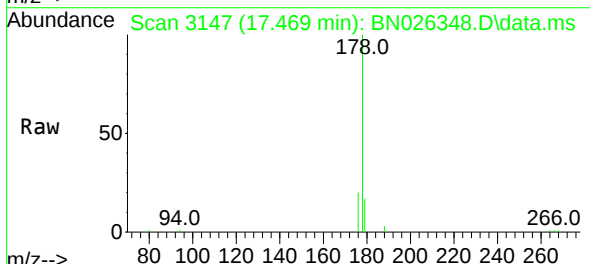
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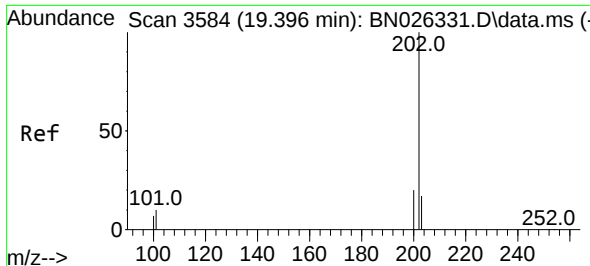
Tgt Ion:178 Resp: 18861
Ion Ratio Lower Upper
178 100
179 16.7 12.6 19.0
176 20.6 15.8 23.6



#16
Anthracene
Concen: 0.314 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:178 Resp: 16392
Ion Ratio Lower Upper
178 100
179 16.8 12.6 18.8
176 19.6 15.1 22.7

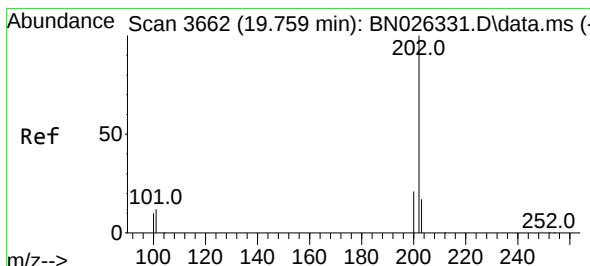
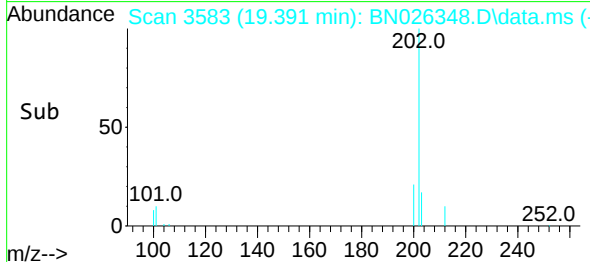
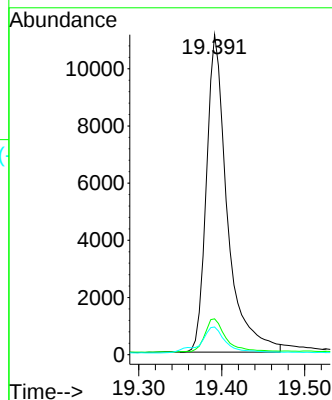
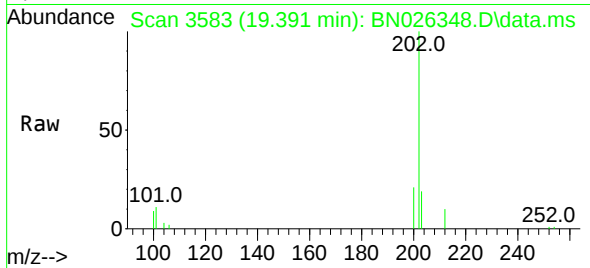




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.391 min Scan# 3583
Delta R.T. -0.005 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

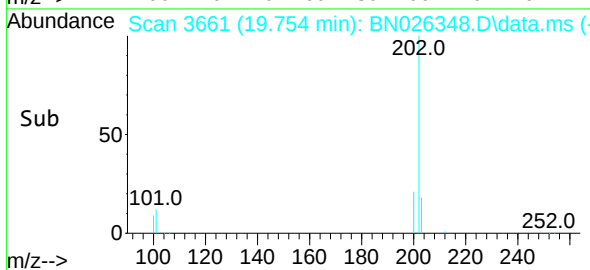
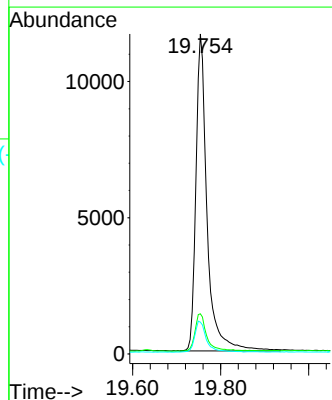
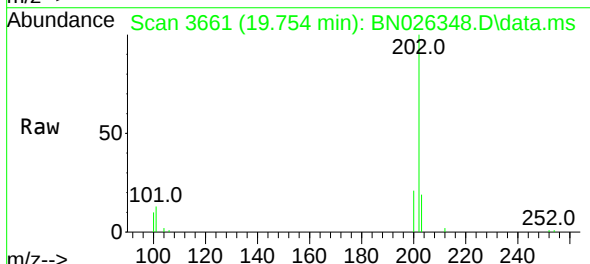
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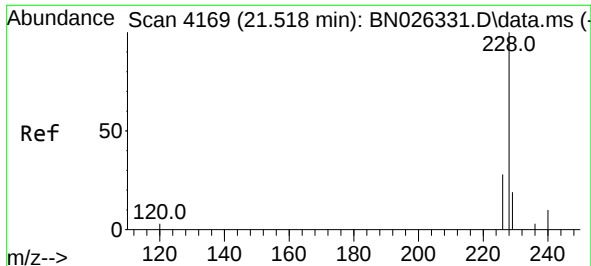
Tgt Ion:202 Resp: 19492
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.331 ng/ul
RT: 19.754 min Scan# 3661
Delta R.T. -0.005 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:202 Resp: 20521
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 9.9 9.1 13.7

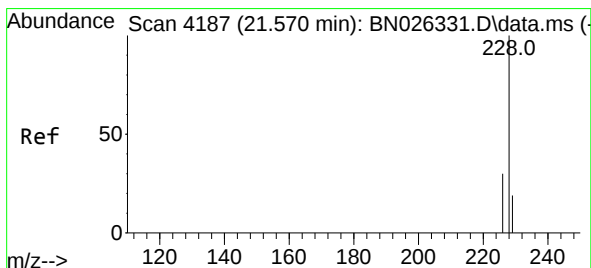
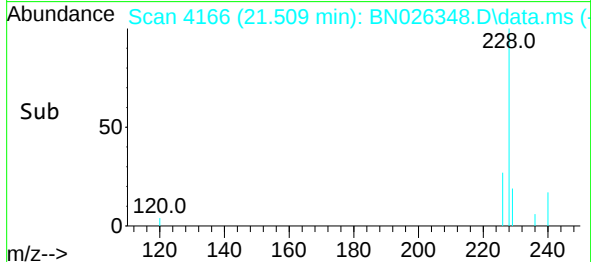
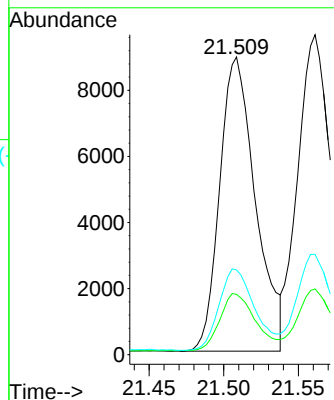
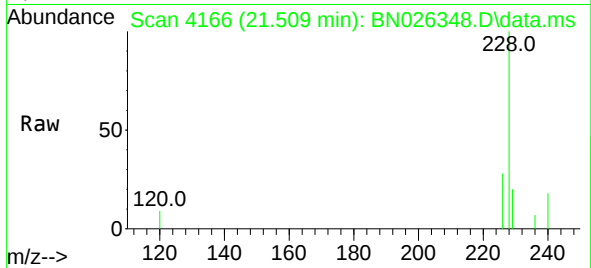




#21
Benzo(a)anthracene
Concen: 0.323 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. -0.006 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

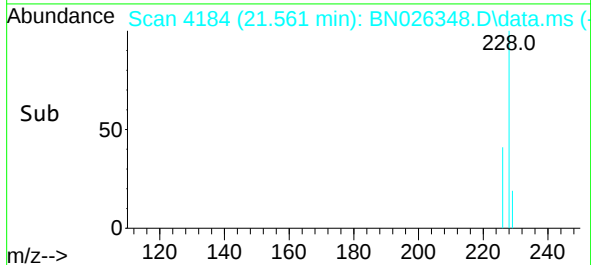
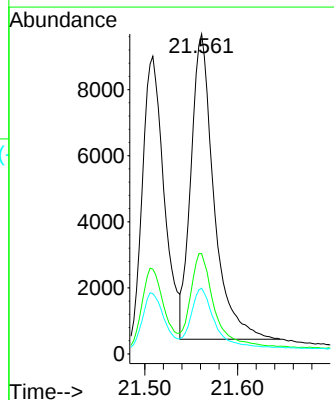
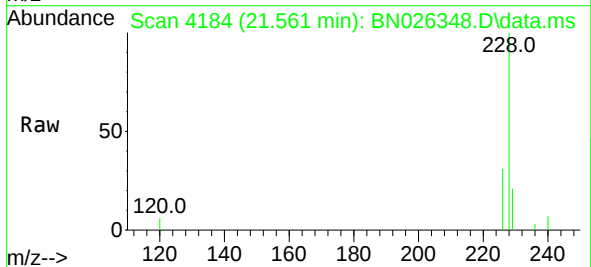
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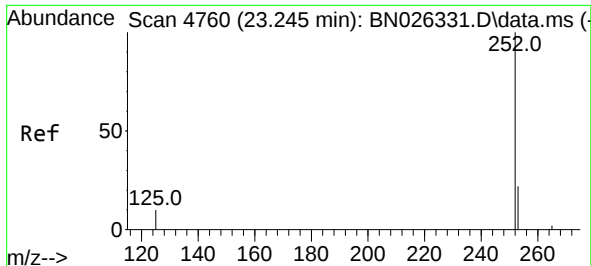
Tgt Ion:228 Resp: 14877
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.6
226 28.5 22.5 33.7



#22
Chrysene
Concen: 0.332 ng/ul
RT: 21.561 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

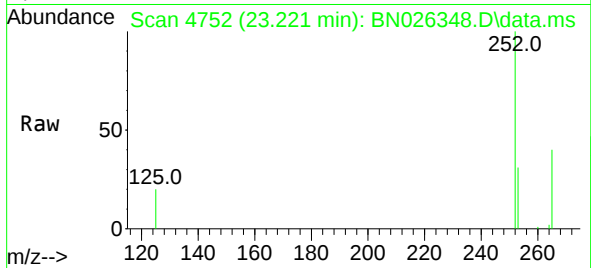
Tgt Ion:228 Resp: 15928
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 20.5 15.7 23.5



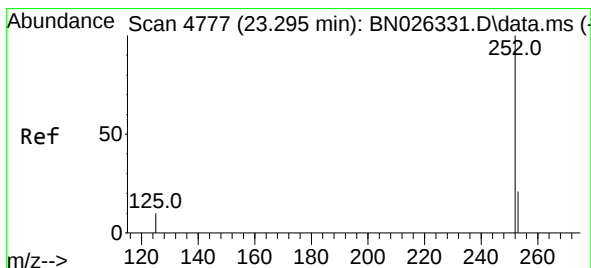
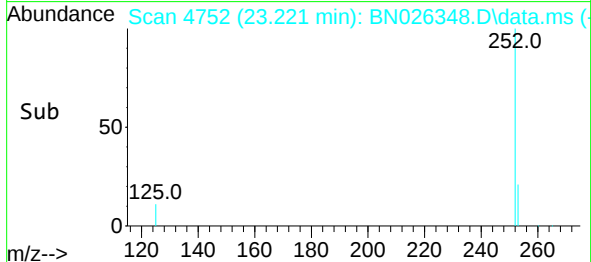
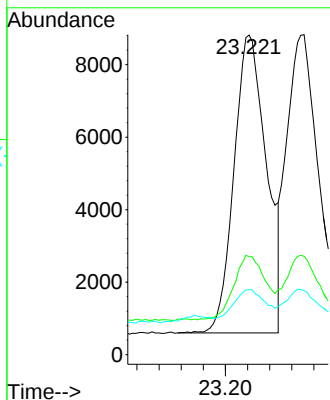


#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 23.221 min Scan# 4752
Delta R.T. -0.018 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Instrument :
BNA_N
ClientSampleId :
SLCS517

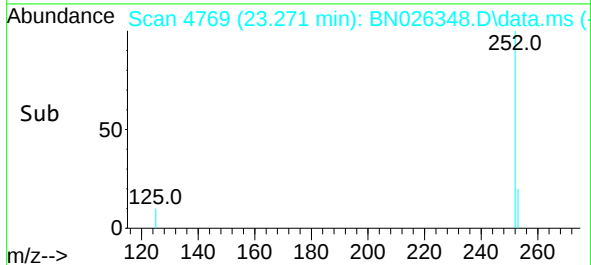
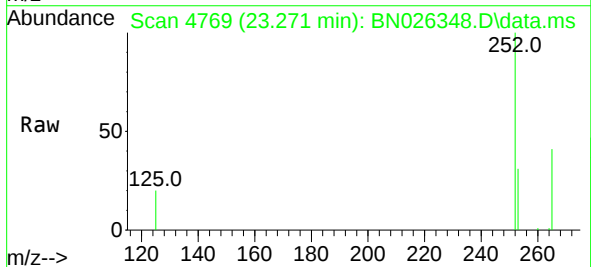
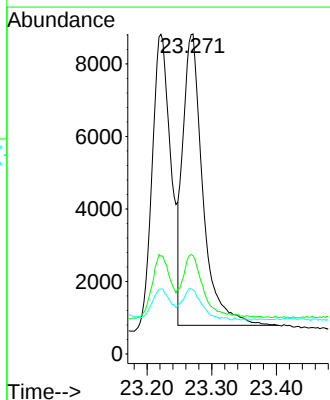


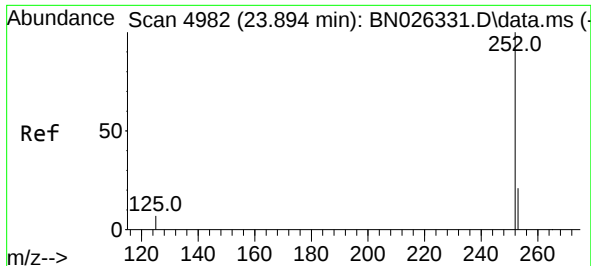
Tgt Ion:252 Resp: 16780
Ion Ratio Lower Upper
252 100
253 30.6 0.0 55.6
125 20.4 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.271 min Scan# 4769
Delta R.T. -0.015 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:252 Resp: 17196
Ion Ratio Lower Upper
252 100
253 30.7 23.2 34.8
125 20.0 15.0 22.4

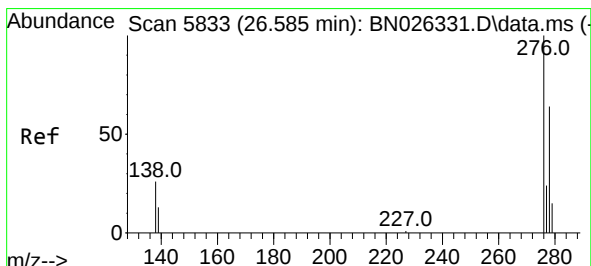
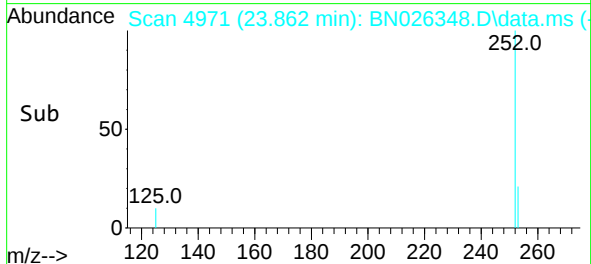
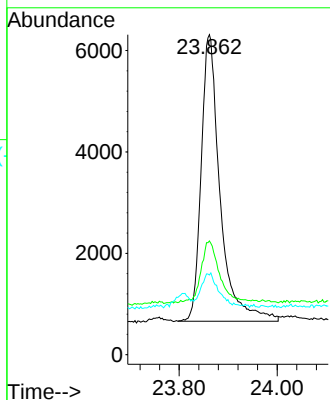
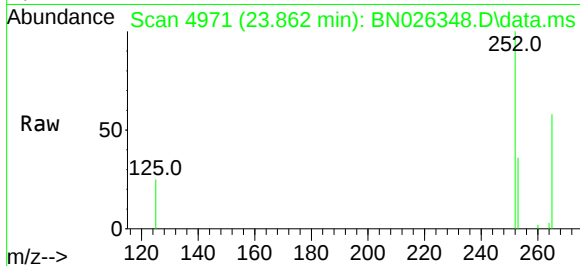




#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.862 min Scan# 4982
Delta R.T. -0.023 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

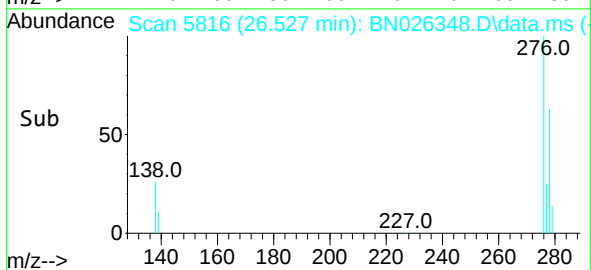
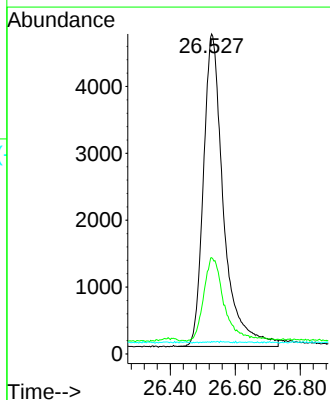
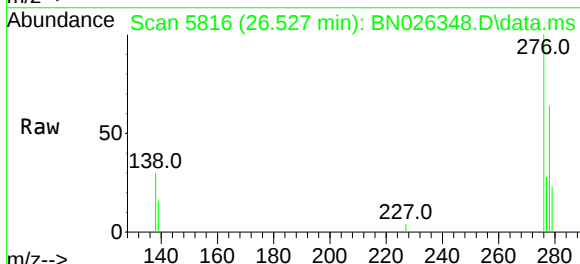
Instrument :
BNA_N
ClientSampleId :
SLCS517

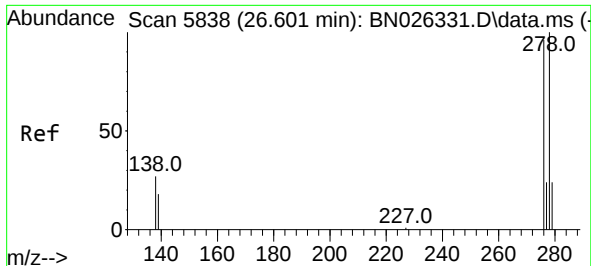
Tgt Ion:252	Resp:	15169
Ion Ratio	Lower	Upper
252	100	
253	35.6	26.0 39.0
125	24.9	17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/ul
RT: 26.527 min Scan# 5816
Delta R.T. -0.044 min
Lab File: BN026348.D
Acq: 07 Jul 2023 02:17

Tgt Ion:276	Resp:	20026
Ion Ratio	Lower	Upper
276	100	
138	28.1	24.5 36.7
227	0.0	0.0 0.0

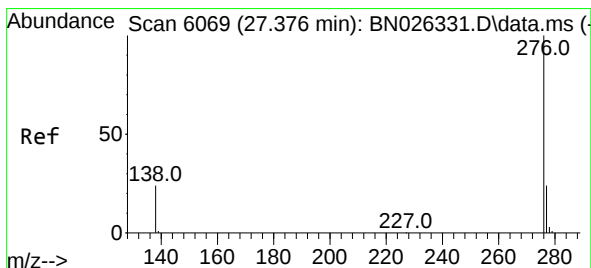
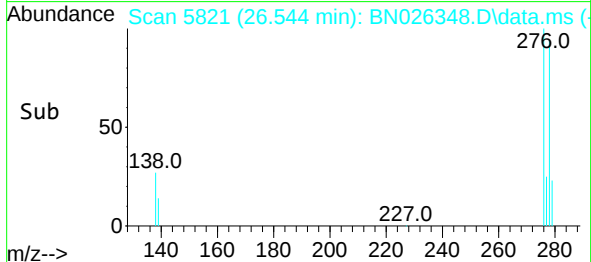
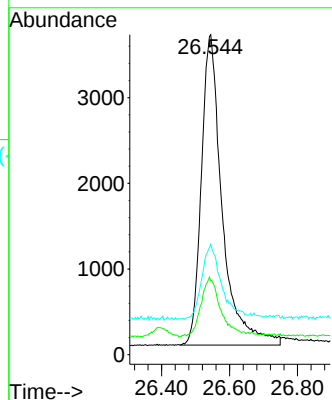
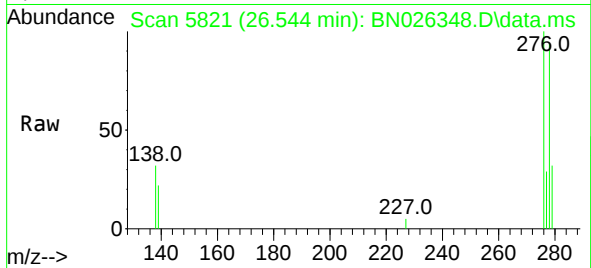




#28
 Dibenzo(a,h)anthracene
 Concen: 0.414 ng/ul
 RT: 26.544 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BN026348.D
 Acq: 07 Jul 2023 02:17

Instrument :
 BNA_N
 ClientSampleId :
 SLCS517

Tgt Ion:278 Resp: 15445
 Ion Ratio Lower Upper
 278 100
 139 23.1 19.0 28.4
 279 34.5 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.405 ng/ul
 RT: 27.312 min Scan# 6050
 Delta R.T. -0.060 min
 Lab File: BN026348.D
 Acq: 07 Jul 2023 02:17

Tgt Ion:276 Resp: 17759
 Ion Ratio Lower Upper
 276 100
 138 27.6 23.4 35.0
 277 26.9 20.0 30.0

