

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018048.D
 Acq On : 16 Dec 2021 05:58
 Operator : CG/JU
 Sample : PB141414BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS414

Quant Time: Dec 16 06:40:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

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

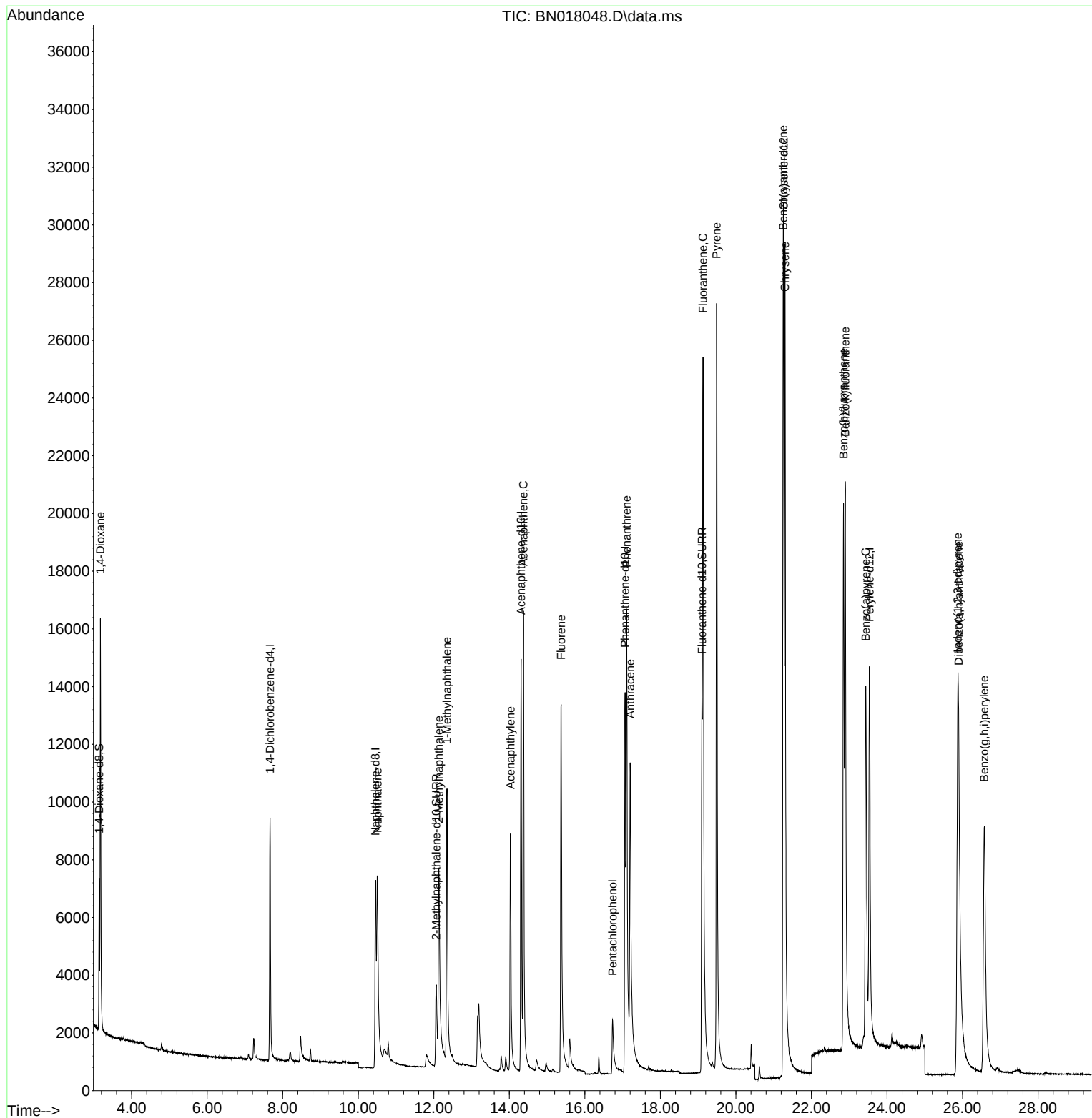
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	5114	0.400	ng/ul	0.00
4) Naphthalene-d8	10.458	136	15405	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.313	164	10063	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.066	188	21283	0.400	ng/ul	0.00
17) Chrysene-d12	21.263	240	23043	0.400	ng/ul #	0.00
23) Perylene-d12	23.537	264	20667	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3289	0.620	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.064	152	6391	0.356	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	22175	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.173	88	9462	1.518	ng/ul#	44
5) Naphthalene	10.508	128	13773	0.326	ng/ul	98
7) 2-Methylnaphthalene	12.136	142	8116	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.350	142	8991	0.326	ng/ul	100
10) Acenaphthylene	14.031	152	13642	0.335	ng/ul	100
11) Acenaphthene	14.373	153	11691	0.323	ng/ul	98
12) Fluorene	15.372	166	13186	0.330	ng/ul	100
14) Pentachlorophenol	16.736	266	2639	0.708	ng/ul	98
15) Phenanthrene	17.108	178	22589	0.306	ng/ul	99
16) Anthracene	17.201	178	18800	0.324	ng/ul	99
19) Fluoranthene	19.128	202	30378	0.327	ng/ul	98
20) Pyrene	19.491	202	33145	0.319	ng/ul#	94
21) Benzo(a)anthracene	21.251	228	24250	0.354	ng/ul	99
22) Chrysene	21.298	228	33650	0.342	ng/ul	99
24) Benzo(b)fluoranthene	22.850	252	29033	0.351	ng/ul	85
25) Benzo(k)fluoranthene	22.894	252	35627	0.323	ng/ul#	83
26) Benzo(a)pyrene	23.438	252	27431	0.344	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.873	276	30112	0.335	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.897	278	22572	0.344	ng/ul#	84
29) Benzo(g,h,i)perylene	26.578	276	25833	0.335	ng/ul#	87

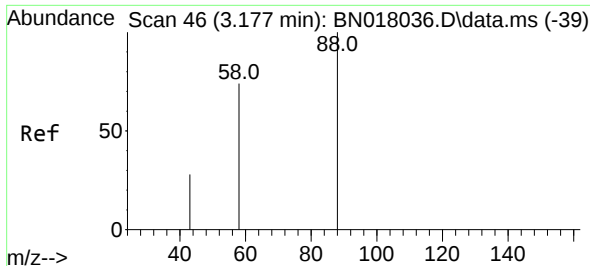
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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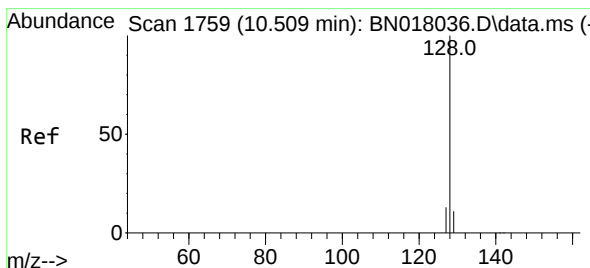
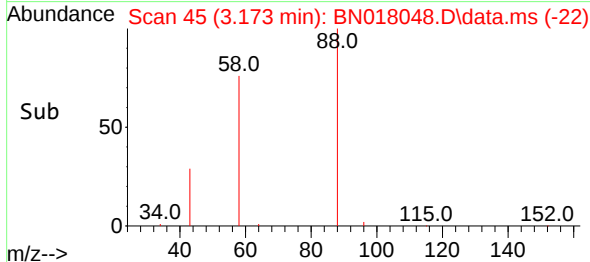
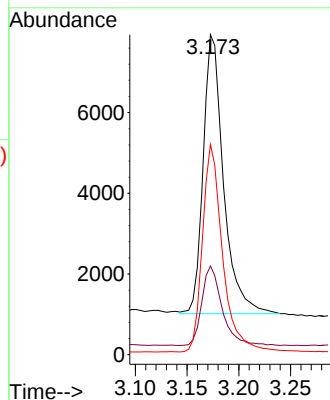
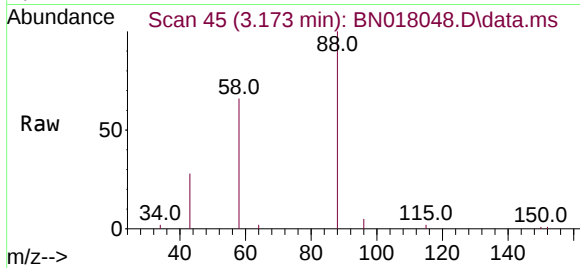




#2
1,4-Dioxane
Concen: 1.518 ng/ul
RT: 3.173 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

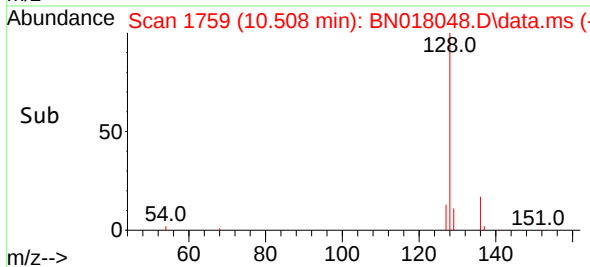
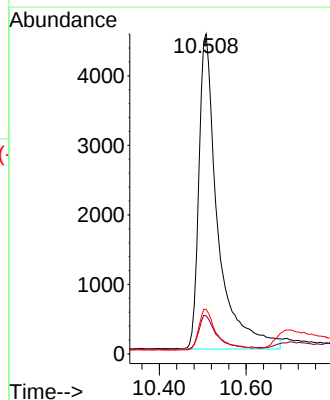
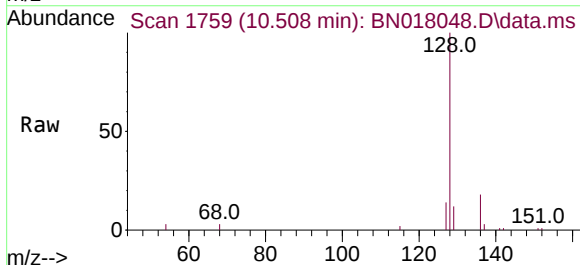
Instrument :
BNA_N
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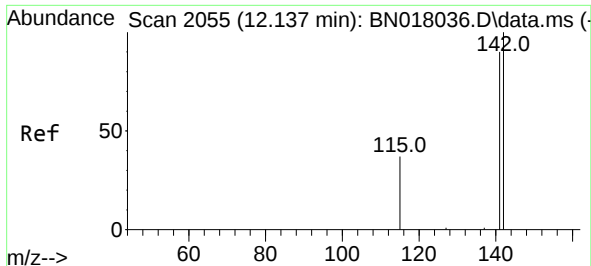
Tgt Ion: 88 Resp: 9462
Ion Ratio Lower Upper
88 100
43 27.8 85.8 128.6#
58 65.7 43.4 65.0#



#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.508 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion: 128 Resp: 13773
Ion Ratio Lower Upper
128 100
129 11.9 10.4 15.6
127 14.0 11.8 17.6

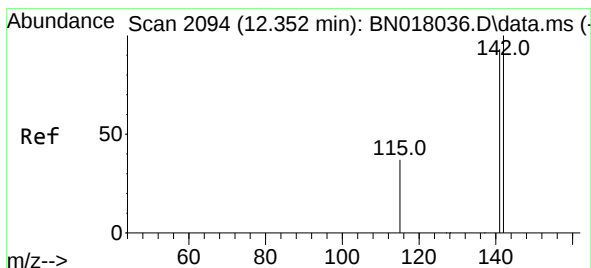
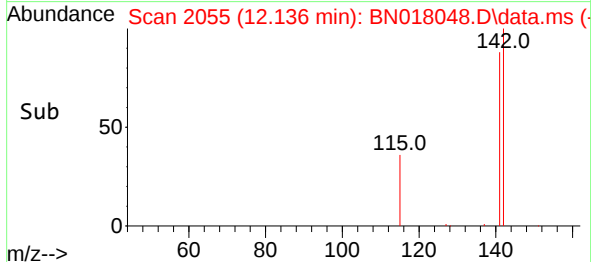
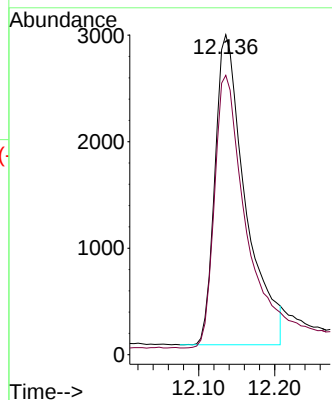
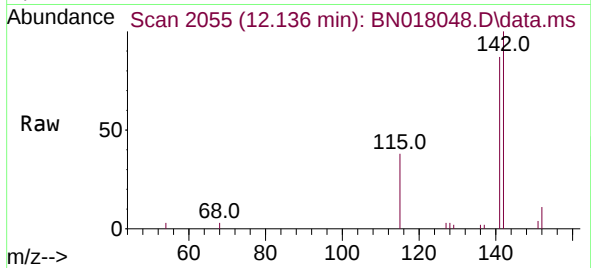




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

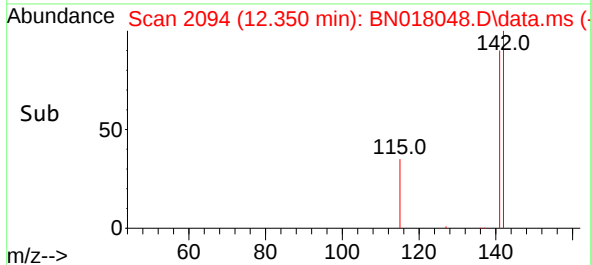
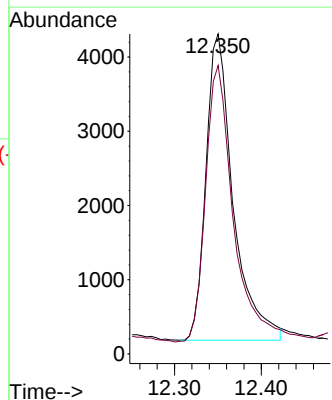
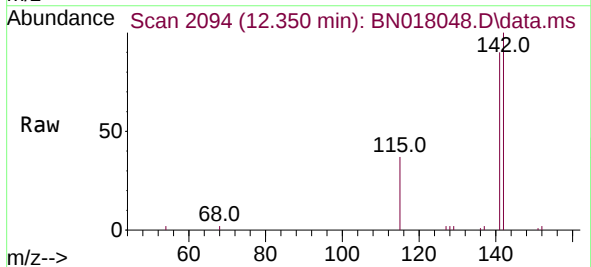
Instrument :
BNA_N
ClientSampleId :
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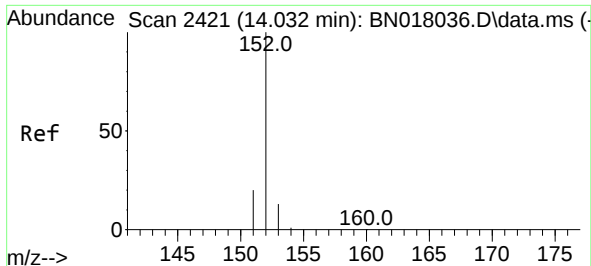
Tgt Ion:142 Resp: 8116
Ion Ratio Lower Upper
142 100
141 89.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.326 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:142 Resp: 8991
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

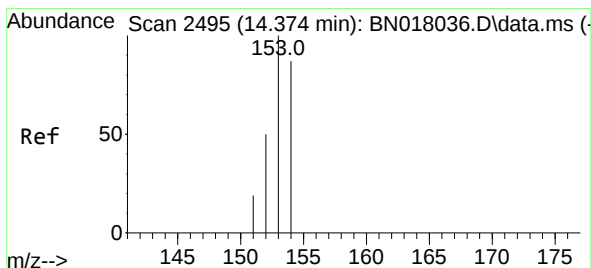
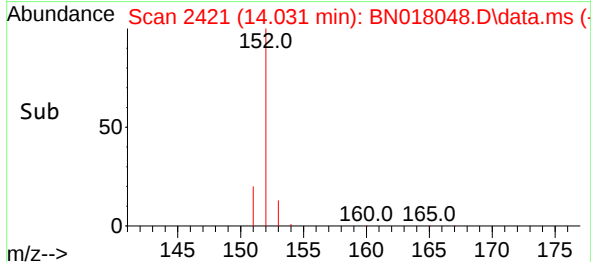
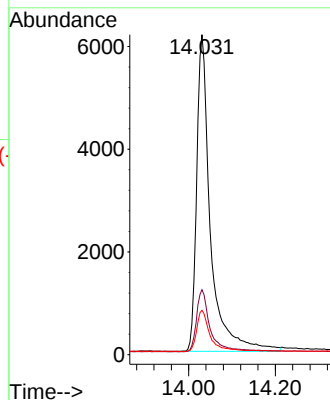
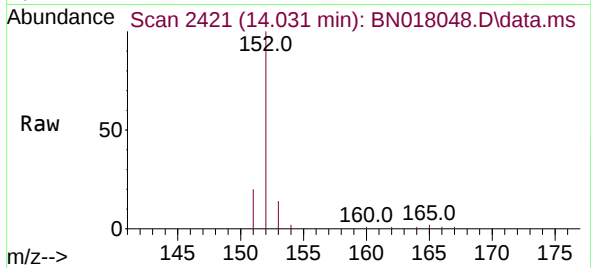




#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 14.031 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

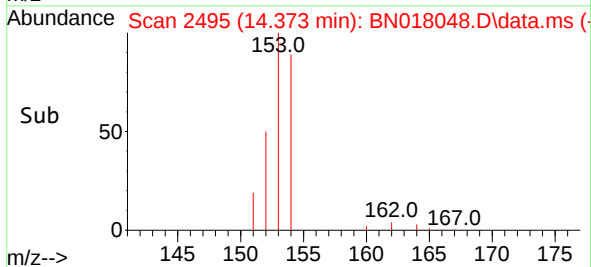
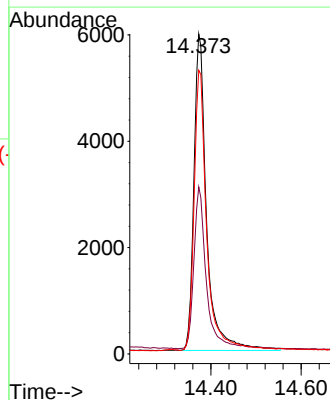
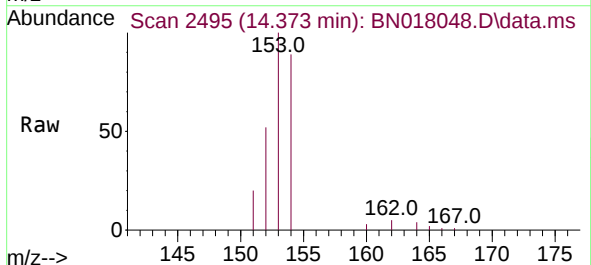
Instrument :
BNA_N
ClientSampleId :
SLCS414

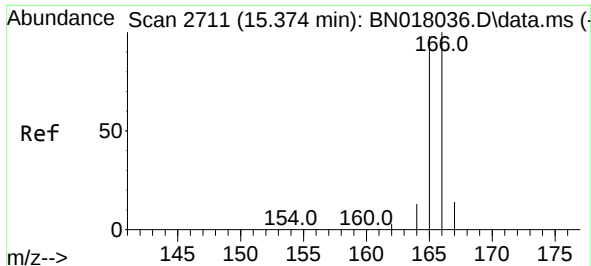
Tgt Ion:152 Resp: 13642
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:153 Resp: 11691
Ion Ratio Lower Upper
153 100
152 52.2 38.3 57.5
154 88.7 71.1 106.7

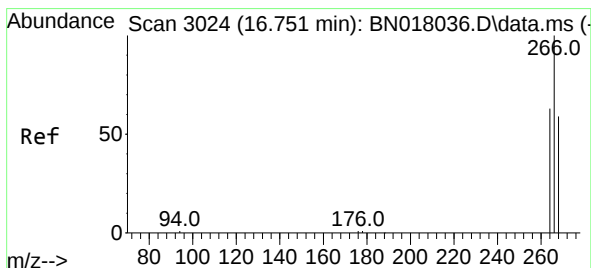
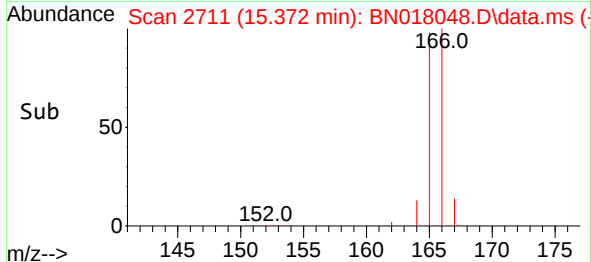
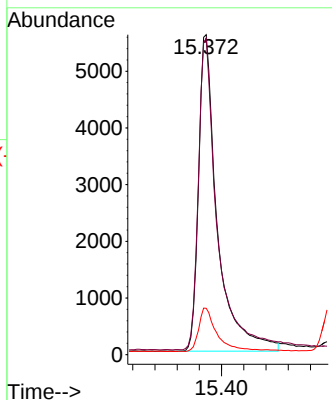
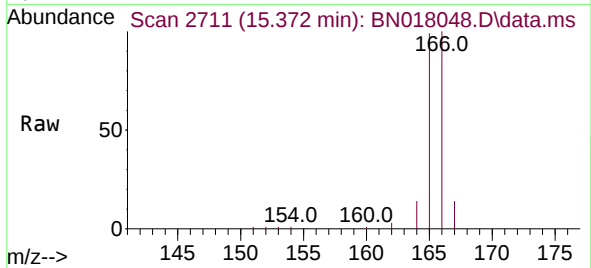




#12
 Fluorene
 Concen: 0.330 ng/ul
 RT: 15.372 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BN018048.D
 Acq: 16 Dec 2021 05:58

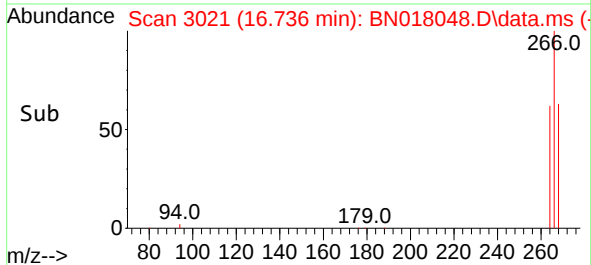
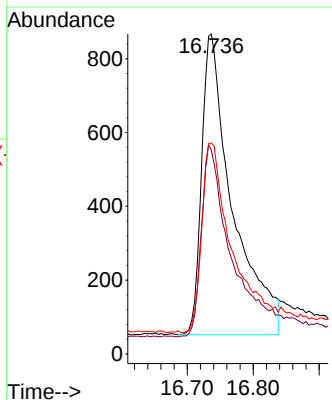
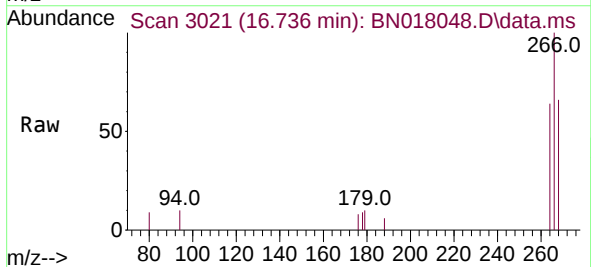
Instrument :
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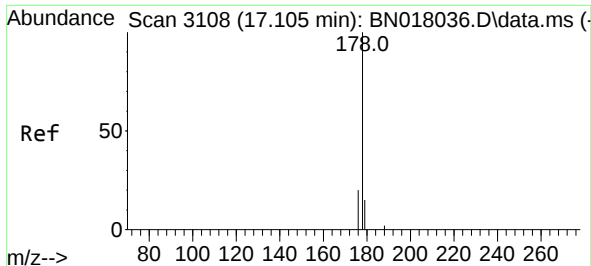
Tgt Ion:166	Resp:	13186
Ion Ratio	Lower	Upper
166	100	
165	98.9	79.2 118.8
167	14.5	11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.708 ng/ul
 RT: 16.736 min Scan# 3021
 Delta R.T. -0.018 min
 Lab File: BN018048.D
 Acq: 16 Dec 2021 05:58

Tgt Ion:266	Resp:	2639
Ion Ratio	Lower	Upper
266	100	
264	61.6	50.3 75.5
268	63.8	52.2 78.4

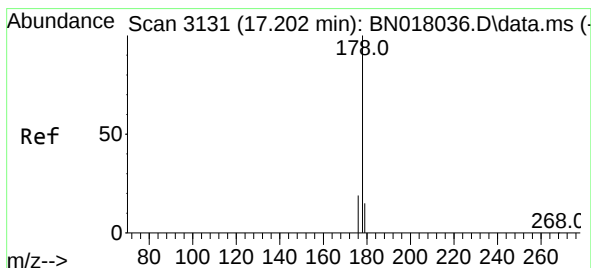
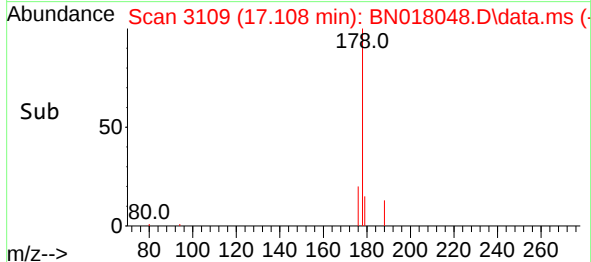
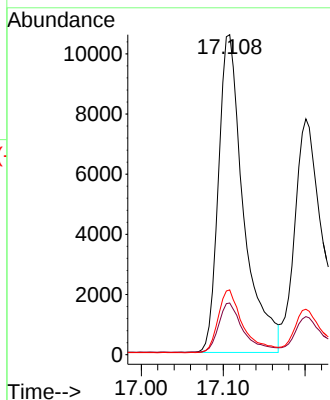
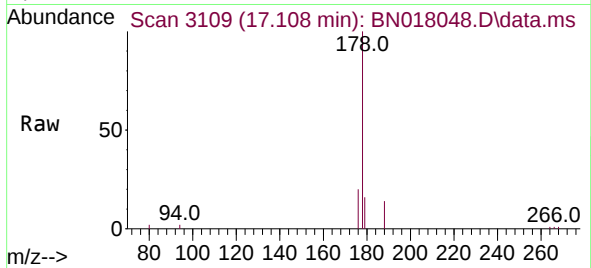




#15
Phenanthrene
Concen: 0.306 ng/ul
RT: 17.108 min Scan# 3109
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

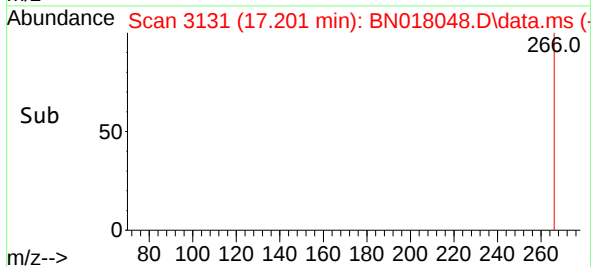
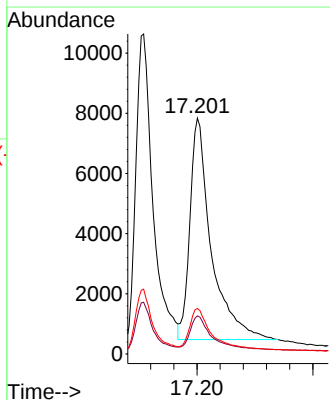
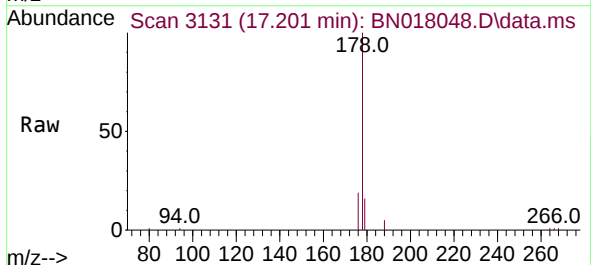
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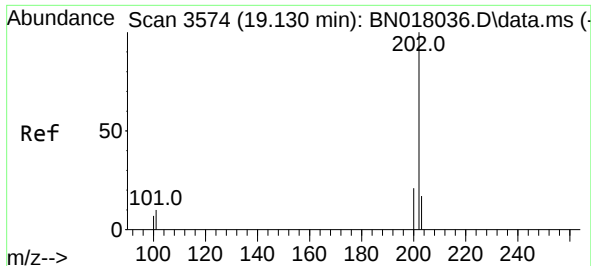
Tgt Ion:178 Resp: 22589
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 20.2 15.6 23.4



#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.201 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:178 Resp: 18800
Ion Ratio Lower Upper
178 100
179 16.1 13.3 19.9
176 19.3 15.1 22.7

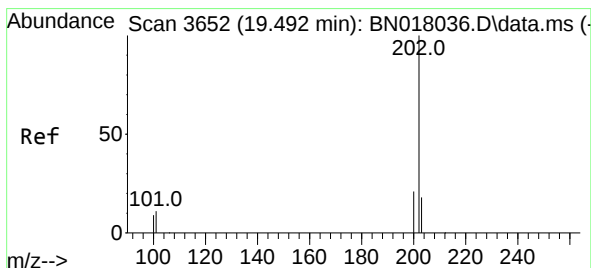
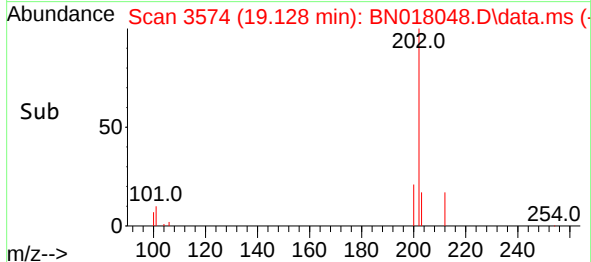
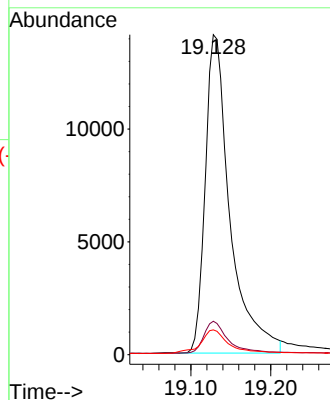
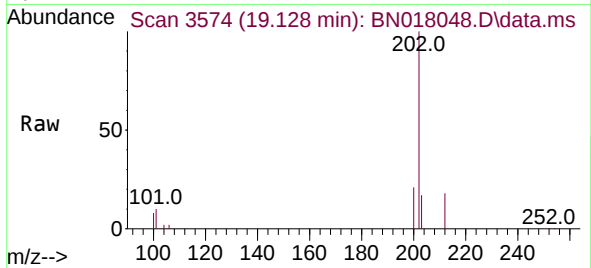




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.128 min Scan# 3574
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

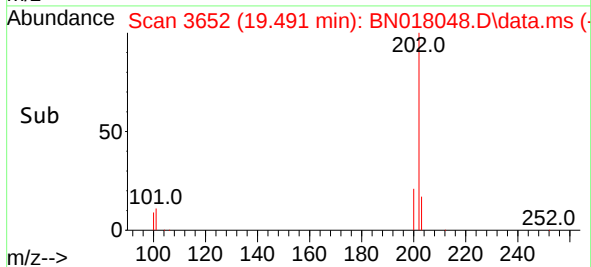
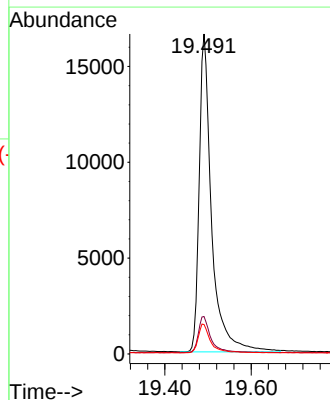
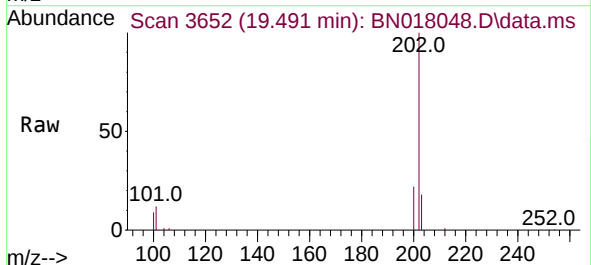
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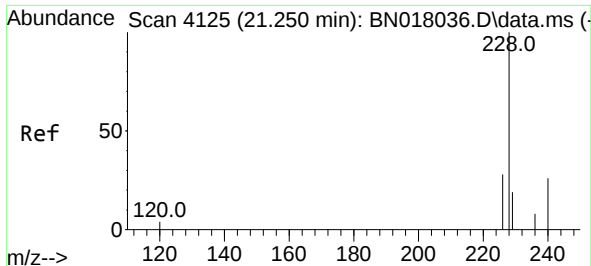
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Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.0	13.4
100	7.7	6.8	10.2



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.491 min Scan# 3652
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:	202	Resp:	33145
Ion Ratio	Lower	Upper	
202	100		
101	11.7	11.4	17.2
100	9.2	9.4	14.0

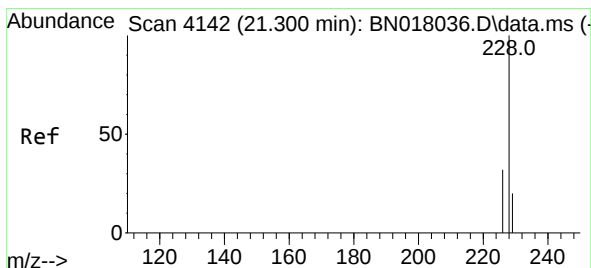
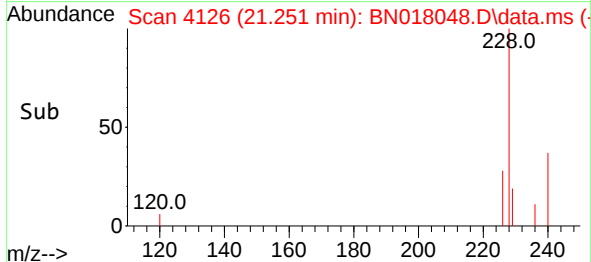
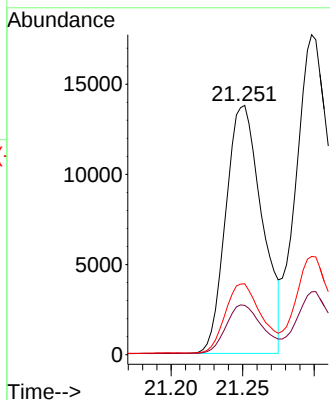
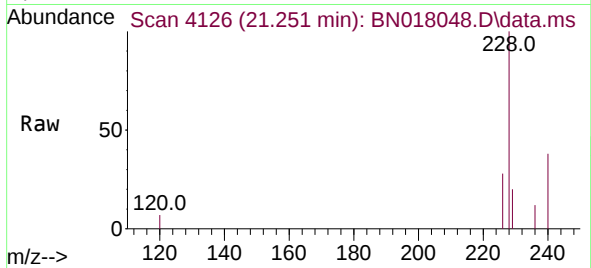




#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.251 min Scan# 4125
Delta R.T. 0.002 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

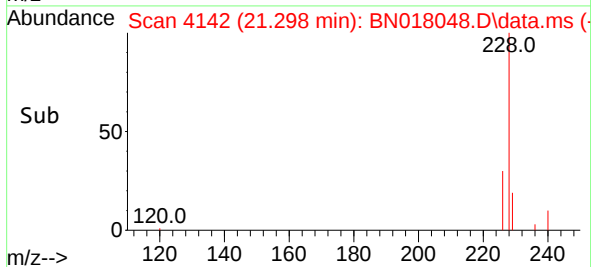
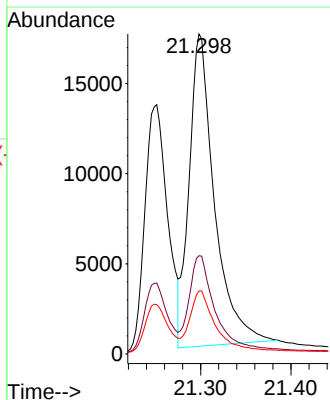
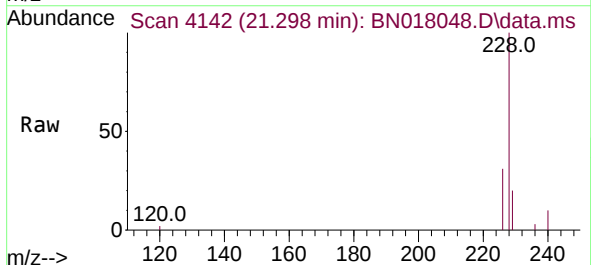
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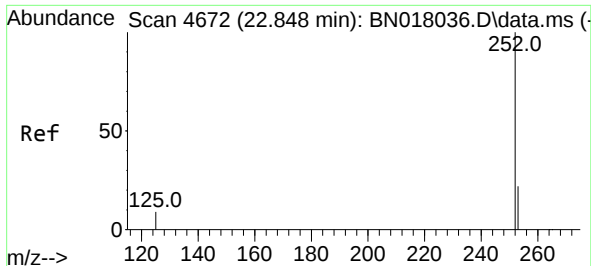
Tgt Ion:228	Resp:	24250
Ion Ratio	Lower	Upper
228	100	
229	19.7	15.8 23.6
226	28.4	21.8 32.8



#22
Chrysene
Concen: 0.342 ng/ul
RT: 21.298 min Scan# 4142
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:228	Resp:	33650
Ion Ratio	Lower	Upper
228	100	
226	30.7	23.9 35.9
229	19.6	15.7 23.5

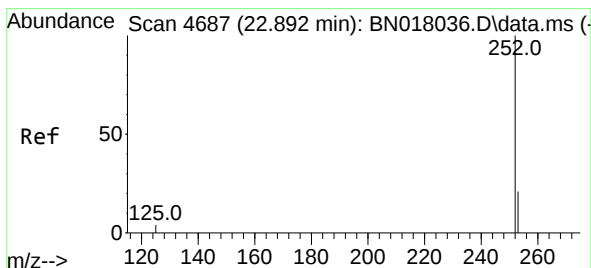
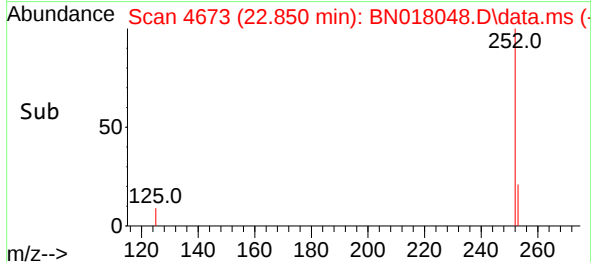
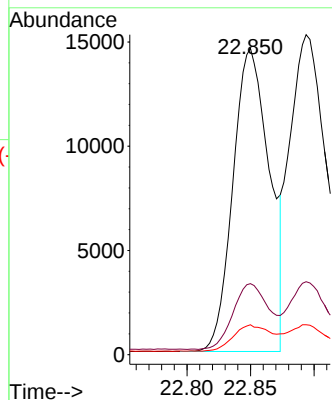
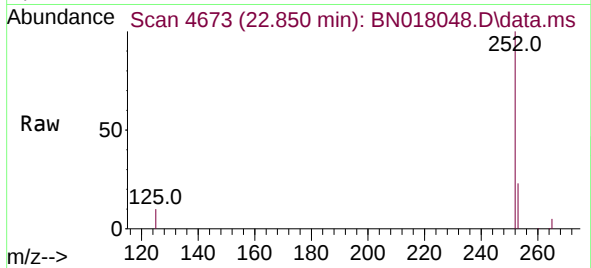




#24
Benzo(b)fluoranthene
Concen: 0.351 ng/ul
RT: 22.850 min Scan# 4672
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

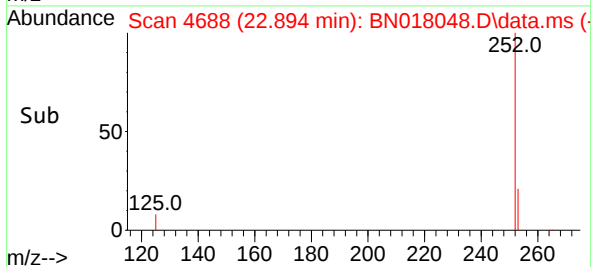
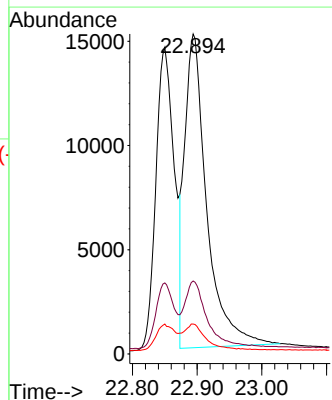
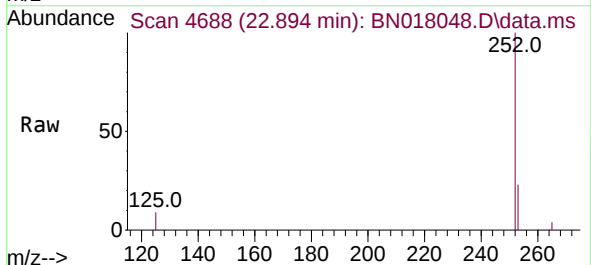
Instrument :
BNA_N
ClientSampleId :
SLCS414

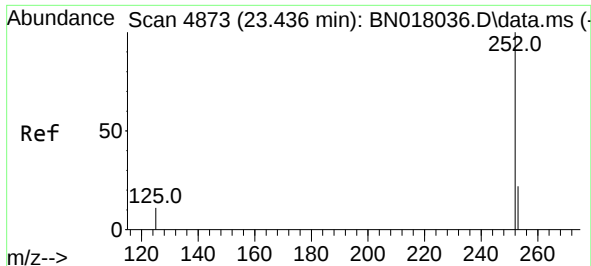
Tgt Ion:252 Resp: 29033
Ion Ratio Lower Upper
252 100
253 23.2 0.0 57.6
125 9.8 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.323 ng/ul
RT: 22.894 min Scan# 4688
Delta R.T. 0.002 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:252 Resp: 35627
Ion Ratio Lower Upper
252 100
253 22.8 23.1 34.7#
125 9.3 17.1 25.7#

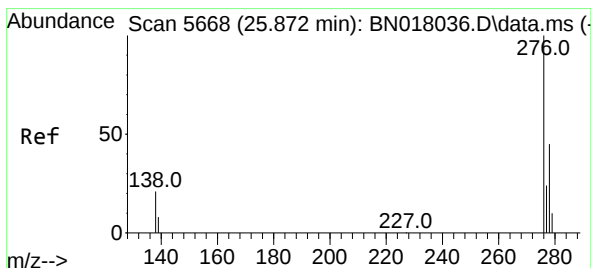
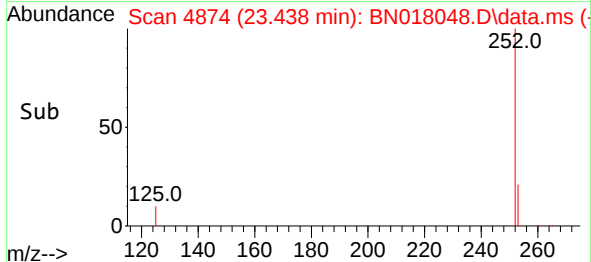
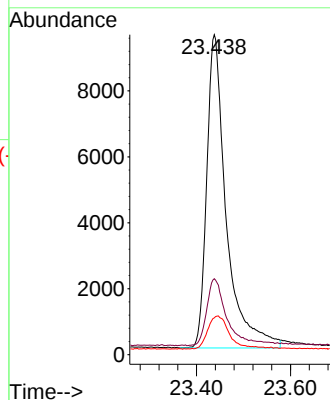
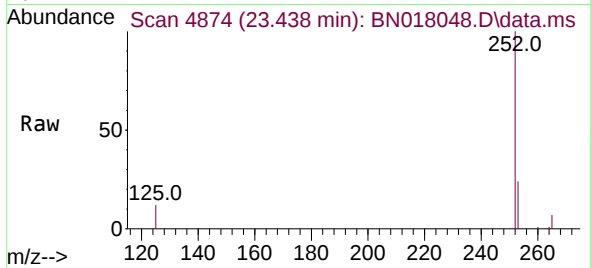




#26
Benzo(a)pyrene
Concen: 0.344 ng/ul
RT: 23.438 min Scan# 4874
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

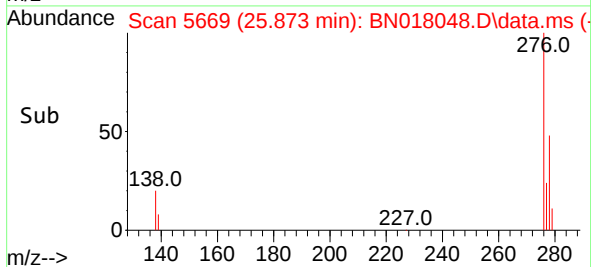
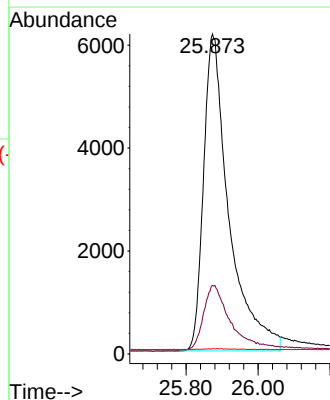
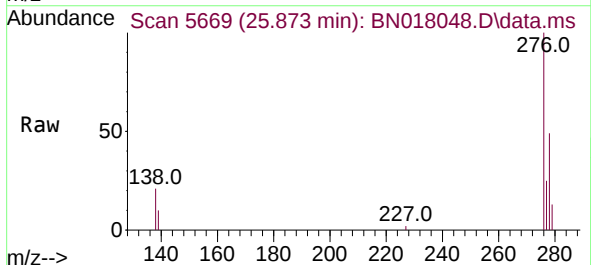
Instrument :
BNA_N
ClientSampleId :
SLCS414

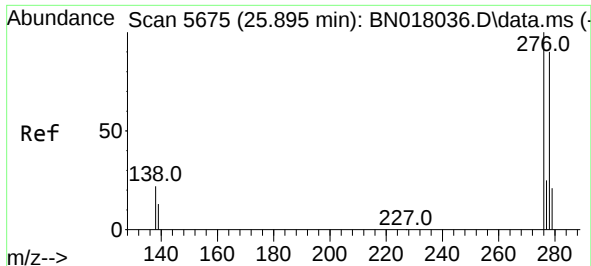
Tgt Ion:252 Resp: 27431
Ion Ratio Lower Upper
252 100
253 23.8 25.0 37.4#
125 11.5 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.335 ng/ul
RT: 25.873 min Scan# 5669
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:276 Resp: 30112
Ion Ratio Lower Upper
276 100
138 21.4 0.1 0.1#
227 0.1 0.0 0.0#

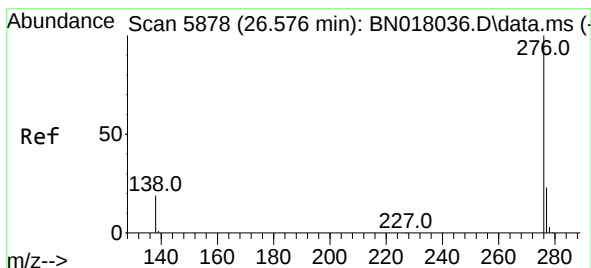
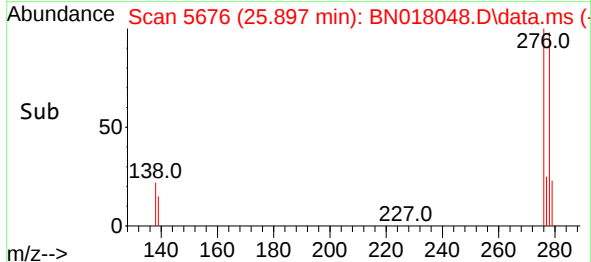
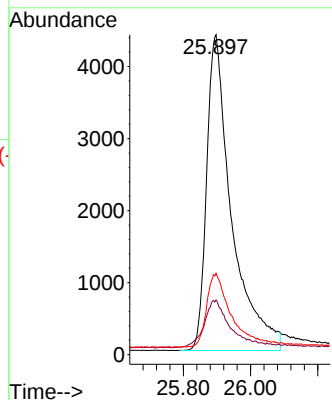
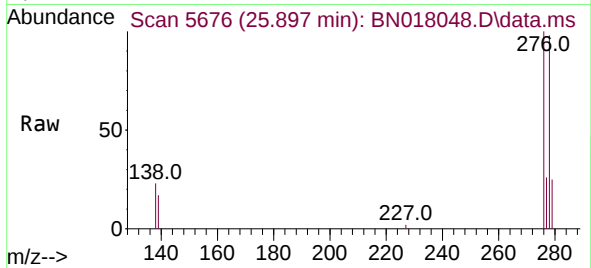




#28
Dibenzo(a,h)anthracene
Concen: 0.344 ng/ul
RT: 25.897 min Scan# 5675
Delta R.T. -0.001 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Instrument :
BNA_N
ClientSampleId :
SLCS414

Tgt Ion:278 Resp: 22572
Ion Ratio Lower Upper
278 100
139 17.1 21.8 32.8#
279 25.4 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 26.578 min Scan# 5879
Delta R.T. 0.002 min
Lab File: BN018048.D
Acq: 16 Dec 2021 05:58

Tgt Ion:276 Resp: 25833
Ion Ratio Lower Upper
276 100
138 19.8 24.5 36.7#
277 24.2 21.2 31.8

