

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
 Data File : BN023527.D
 Acq On : 30 Dec 2022 10:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4363

Quant Time: Dec 30 21:55:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 21:52:41 2022
 Response via : Initial Calibration

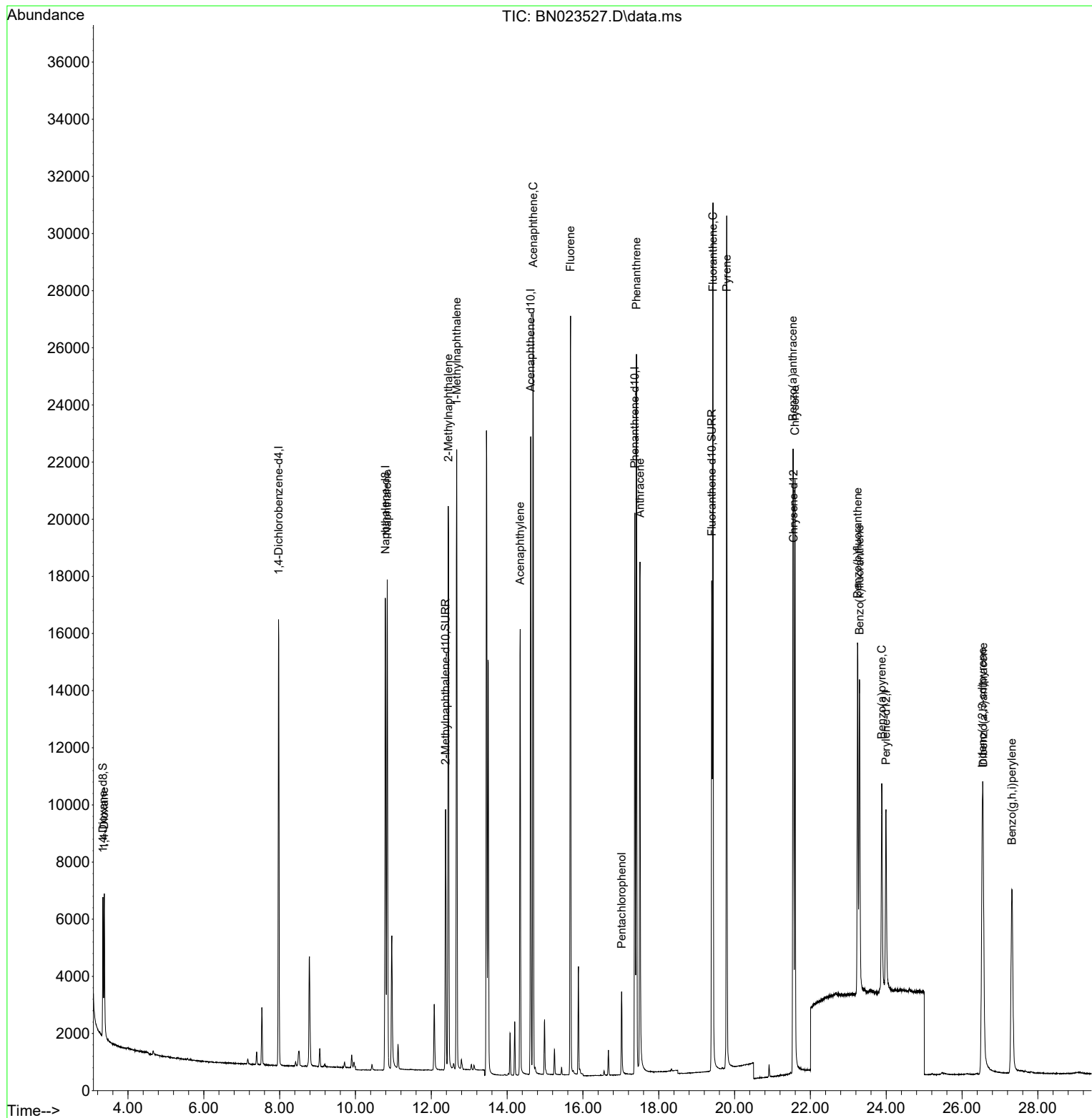
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.973	152	7699	0.400	ng/ul	0.00
4) Naphthalene-d8	10.788	136	21795	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.622	164	11711	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.369	188	22297	0.400	ng/ul	0.00
17) Chrysene-d12	21.557	240	13001	0.400	ng/ul	0.00
23) Perylene-d12	23.992	264	9363	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	3153	0.377	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.377	152	11467	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	18999	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.374	88	3372	0.394	ng/ul	95
5) Naphthalene	10.837	128	22746	0.355	ng/ul	100
7) 2-Methylnaphthalene	12.449	142	14007	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.668	142	14447	0.343	ng/ul	100
10) Acenaphthylene	14.345	152	17481	0.337	ng/ul	100
11) Acenaphthene	14.687	153	15321	0.350	ng/ul	99
12) Fluorene	15.672	166	16479	0.335	ng/ul	99
14) Pentachlorophenol	17.023	266	2036	0.329	ng/ul	100
15) Phenanthrene	17.411	178	25508	0.351	ng/ul	100
16) Anthracene	17.504	178	20237	0.336	ng/ul	100
19) Fluoranthene	19.430	202	25703	0.408	ng/ul	99
20) Pyrene	19.792	202	25084	0.395	ng/ul	99
21) Benzo(a)anthracene	21.540	228	16931	0.334	ng/ul	100
22) Chrysene	21.592	228	18148	0.353	ng/ul	100
24) Benzo(b)fluoranthene	23.244	252	16369	0.338	ng/ul	98
25) Benzo(k)fluoranthene	23.294	252	15688	0.345	ng/ul	98
26) Benzo(a)pyrene	23.881	252	12560	0.328	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.533	276	16293	0.364	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.557	278	11962	0.345	ng/ul	98
29) Benzo(g,h,i)perylene	27.315	276	15511	0.425	ng/ul	99

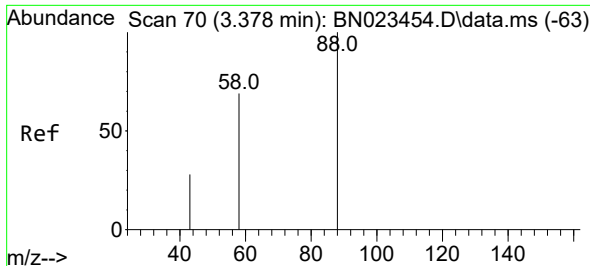
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123022\
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Quant Time: Dec 30 21:55:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 21:52:41 2022
Response via : Initial Calibration

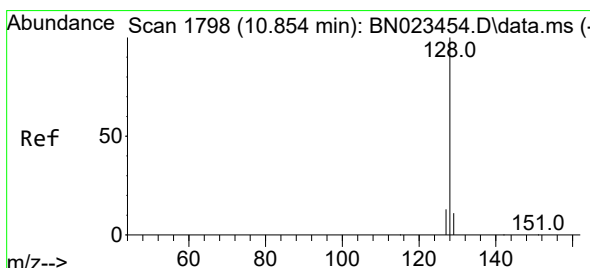
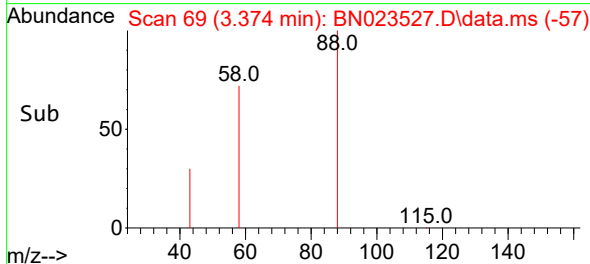
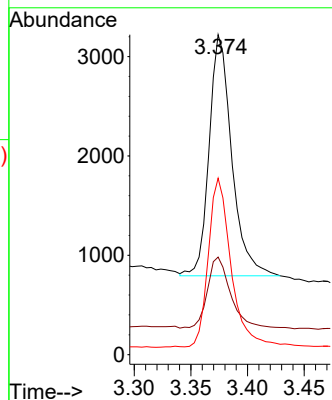
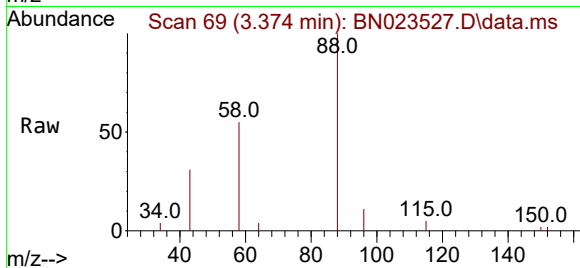




#2
1,4-Dioxane
Concen: 0.394 ng/ul
RT: 3.374 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

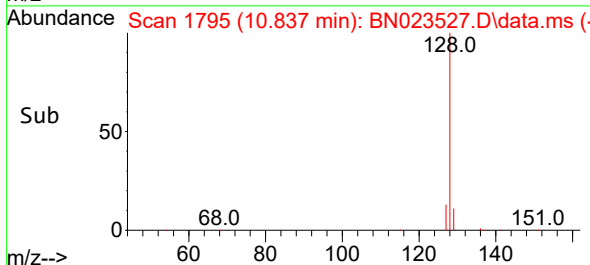
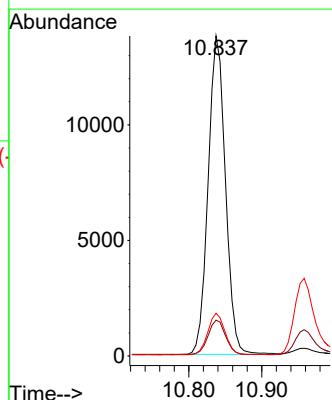
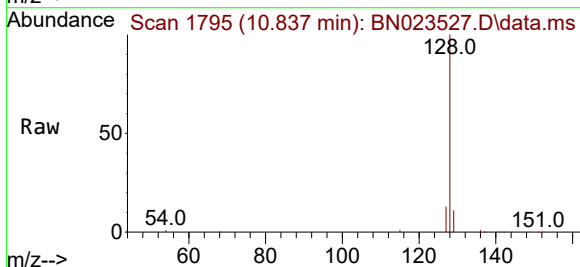
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

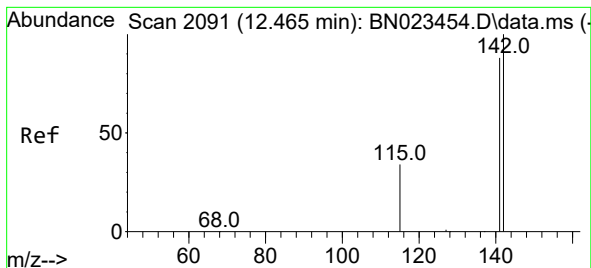
Tgt Ion: 88 Resp: 3372
Ion Ratio Lower Upper
88 100
43 30.5 28.4 42.6
58 55.1 45.6 68.4



#5
Naphthalene
Concen: 0.355 ng/ul
RT: 10.837 min Scan# 1795
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion: 128 Resp: 22746
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.4 10.7 16.1

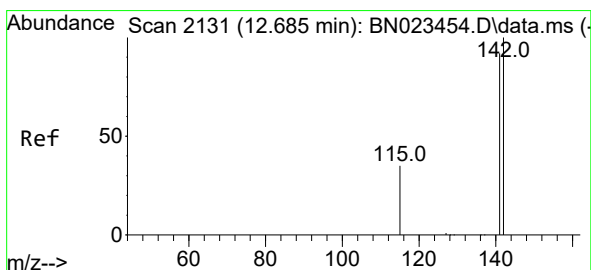
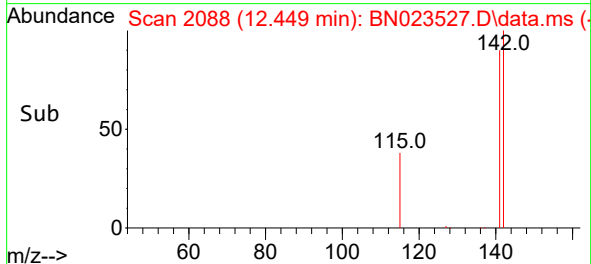
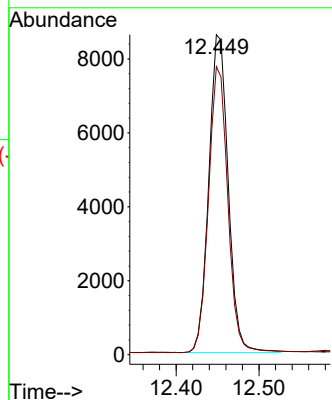
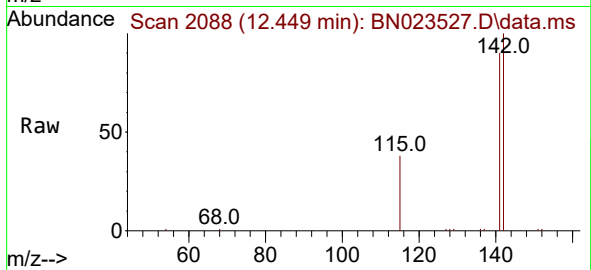




#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.449 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

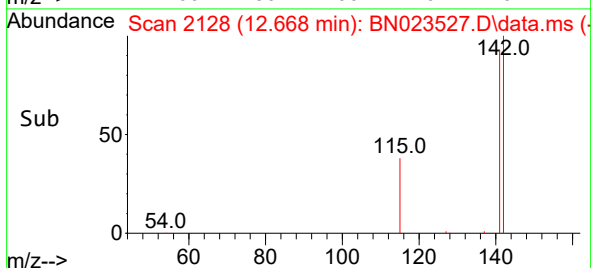
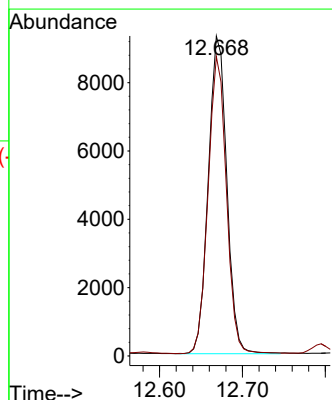
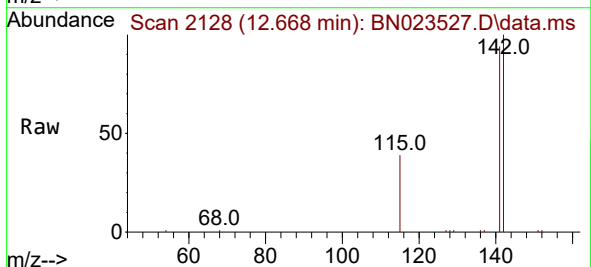
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

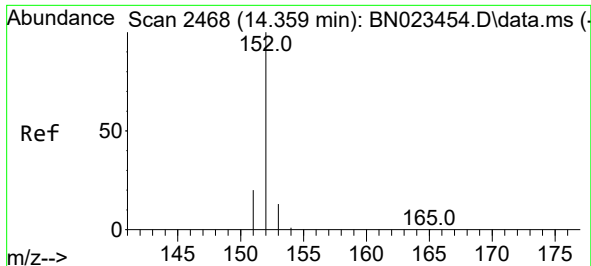
Tgt Ion:142 Resp: 14007
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.668 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:142 Resp: 14447
Ion Ratio Lower Upper
142 100
141 92.5 74.0 111.0

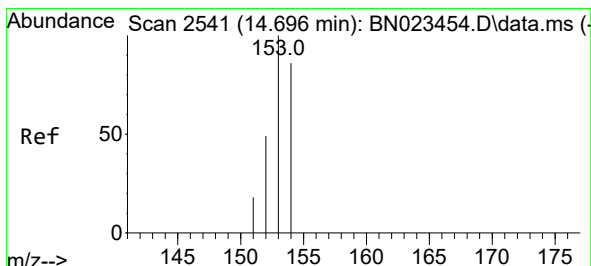
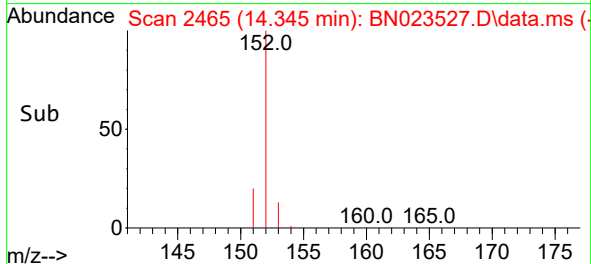
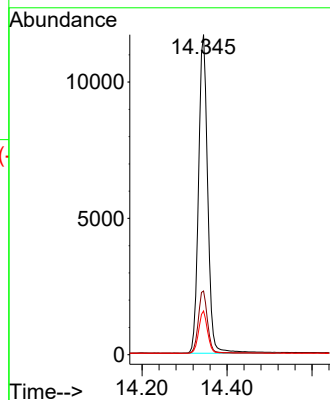
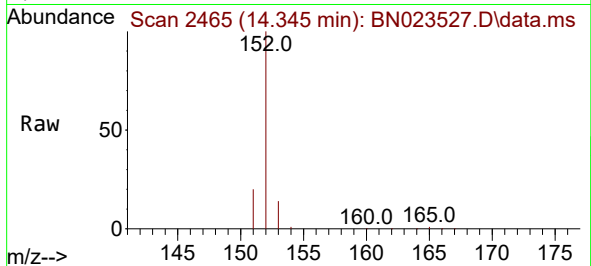




#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.345 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

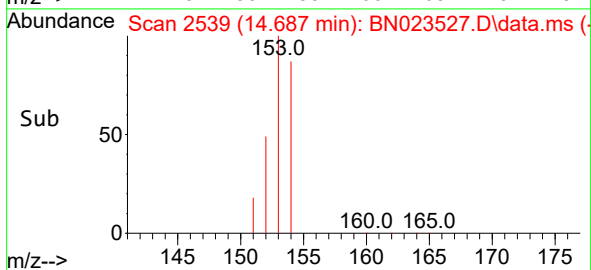
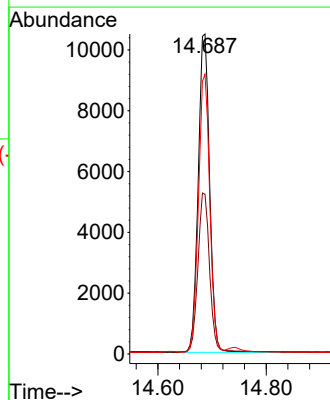
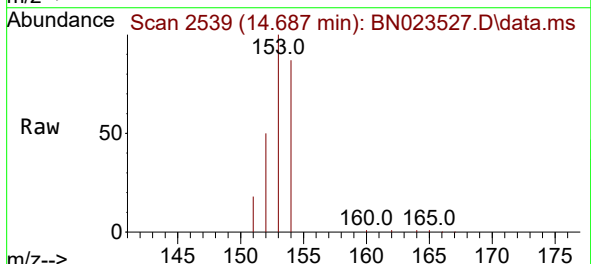
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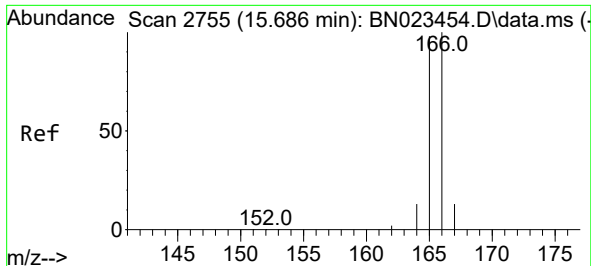
Tgt Ion:152 Resp: 17481
Ion Ratio Lower Upper
152 100
151 19.9 16.1 24.1
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.687 min Scan# 2539
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:153 Resp: 15321
Ion Ratio Lower Upper
153 100
152 49.9 41.0 61.4
154 87.4 69.5 104.3

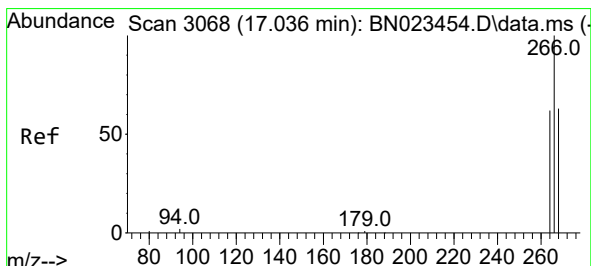
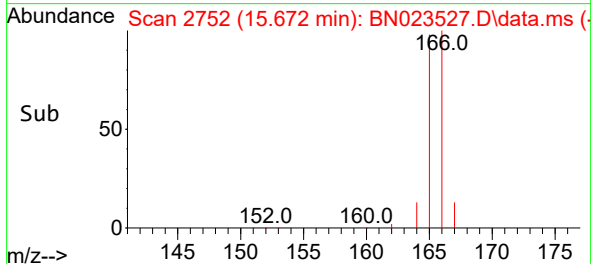
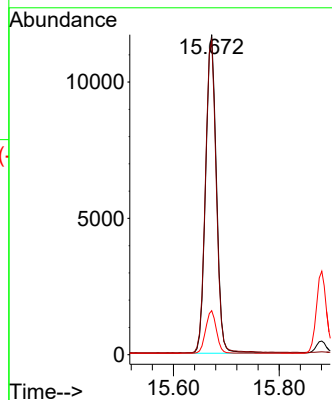
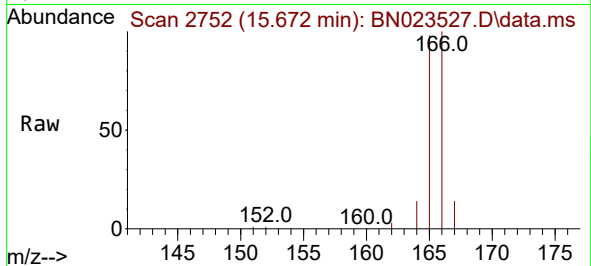




#12
Fluorene
Concen: 0.335 ng/ul
RT: 15.672 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

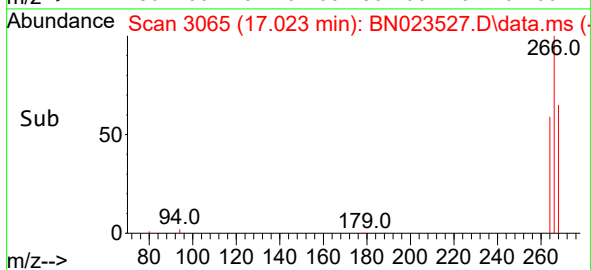
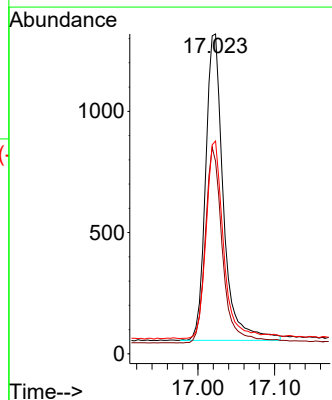
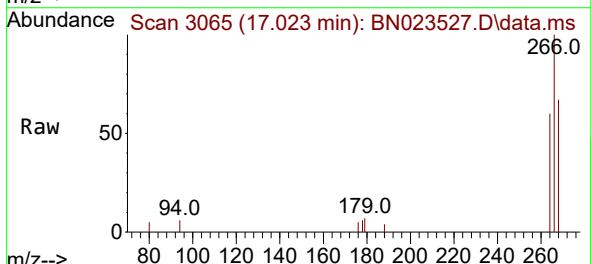
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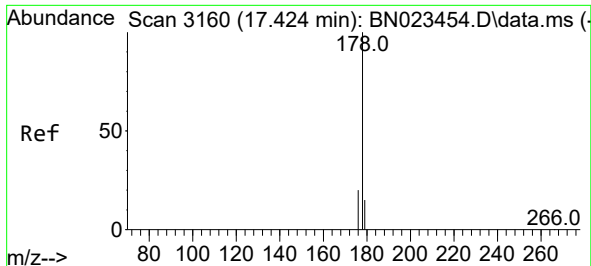
Tgt Ion:166 Resp: 16479
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.8 11.0 16.4



#14
Pentachlorophenol
Concen: 0.329 ng/ul
RT: 17.023 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:266 Resp: 2036
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.6
268 63.9 51.4 77.0

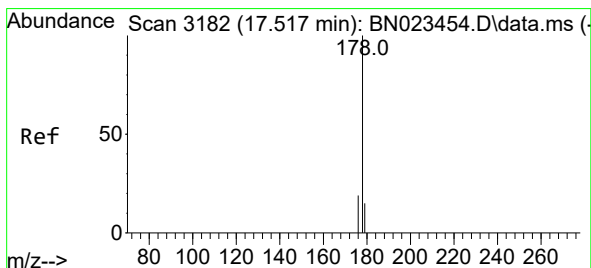
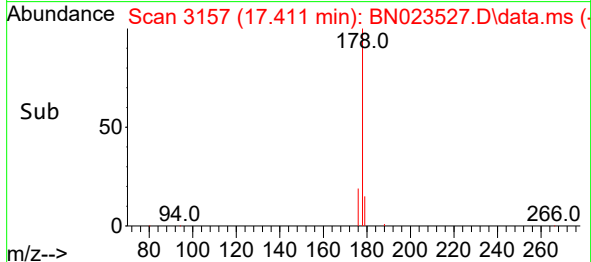
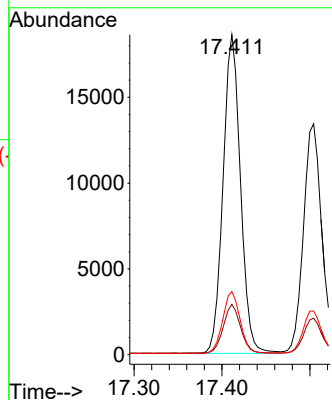
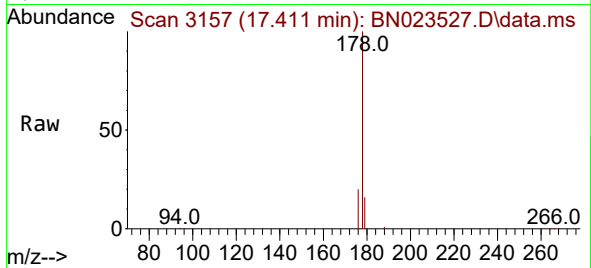




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.411 min Scan# 3160
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

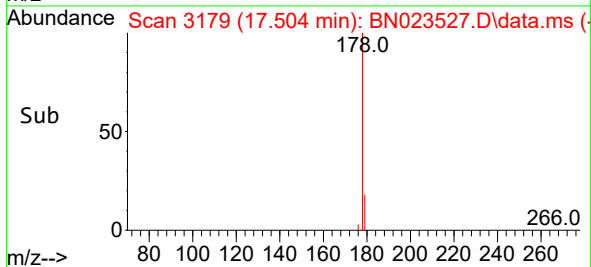
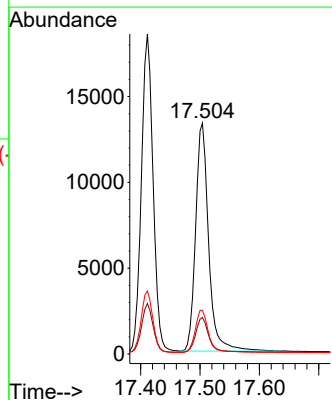
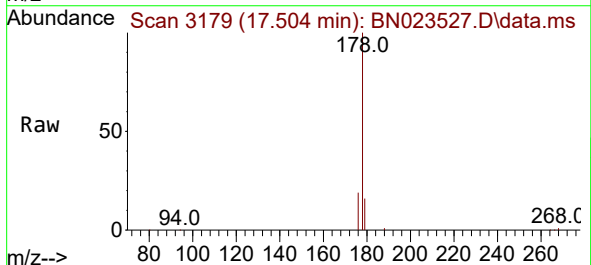
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ClientSampleId :
SSTD0.4363

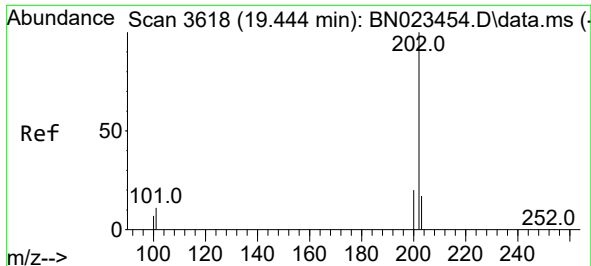
Tgt Ion:178 Resp: 25508
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.504 min Scan# 3179
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:178 Resp: 20237
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.9 15.4 23.0

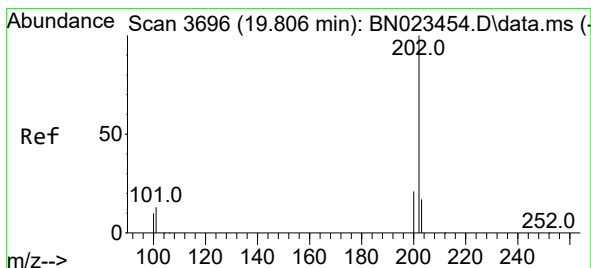
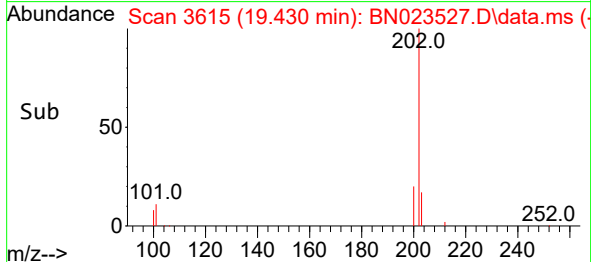
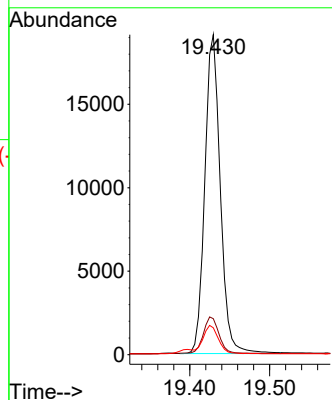
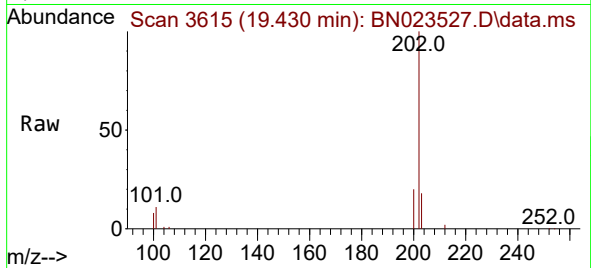




#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.430 min Scan# 3615
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

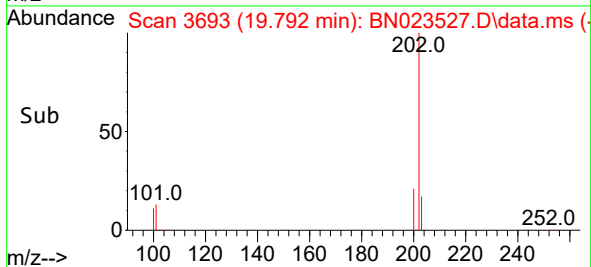
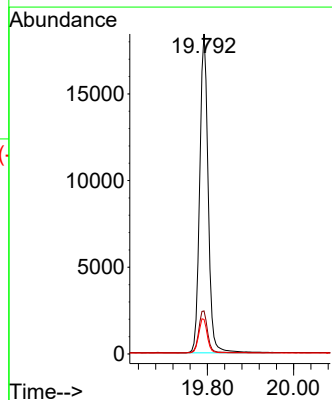
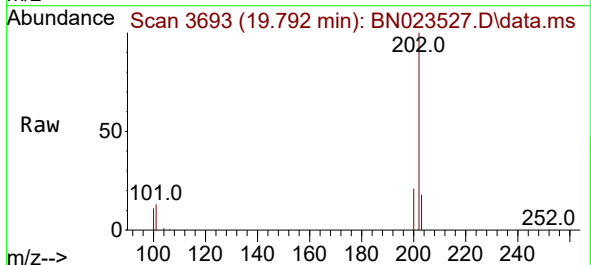
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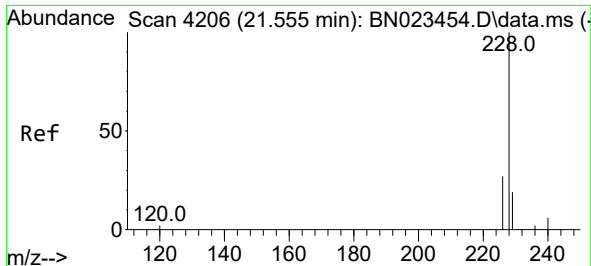
Tgt Ion:202 Resp: 25703
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.2
100 8.4 7.0 10.6



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.792 min Scan# 3693
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:202 Resp: 25084
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 10.8 9.0 13.4

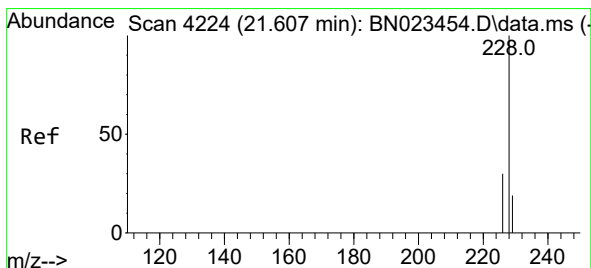
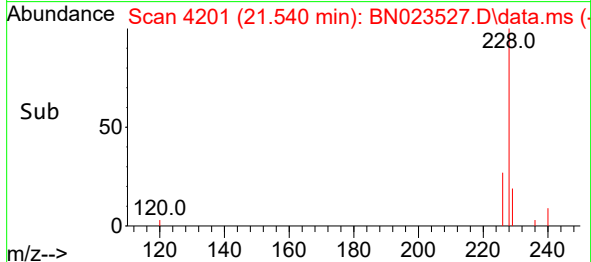
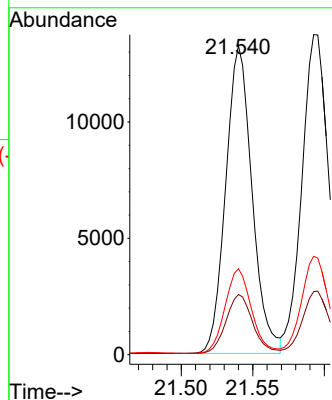
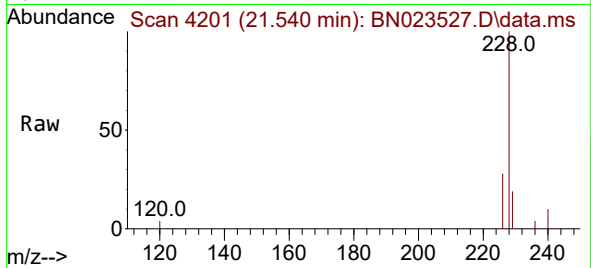




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 21.540 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

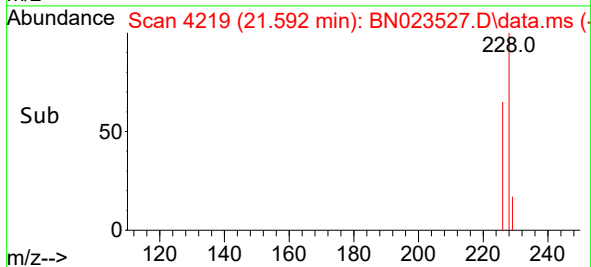
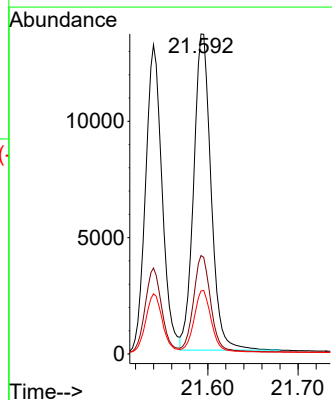
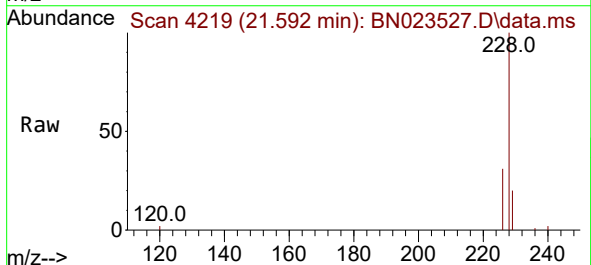
Instrument :
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SSTD0.4363

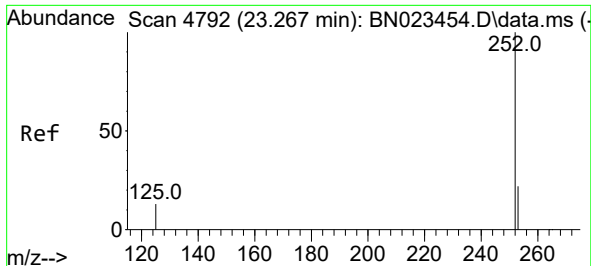
Tgt Ion:228 Resp: 16931
Ion Ratio Lower Upper
228 100
229 19.4 15.6 23.4
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.592 min Scan# 4219
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

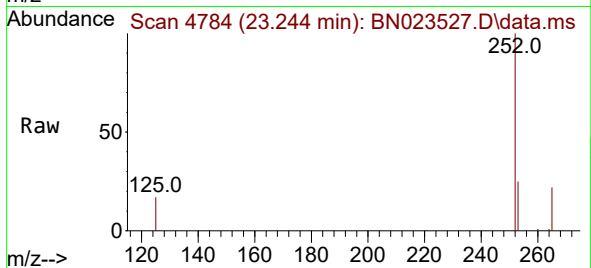
Tgt Ion:228 Resp: 18148
Ion Ratio Lower Upper
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226 30.8 24.3 36.5
229 19.7 15.8 23.6



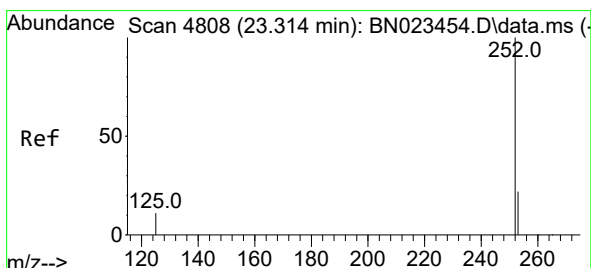
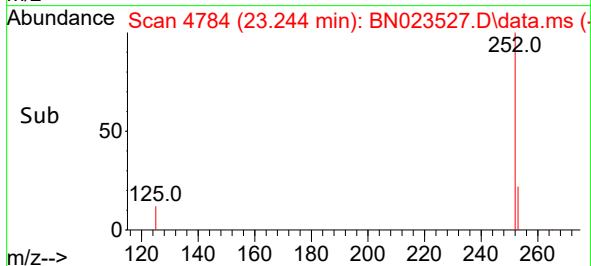
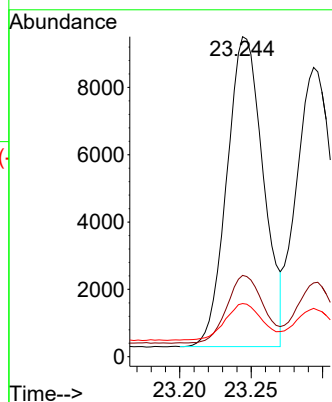


#24
Benzo(b)fluoranthene
Concen: 0.338 ng/ul
RT: 23.244 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

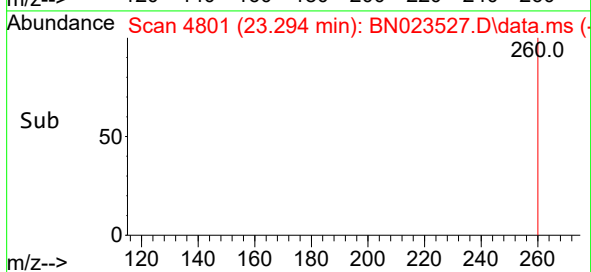
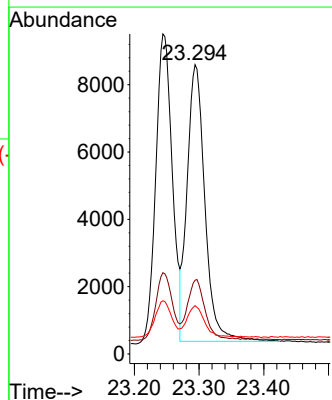
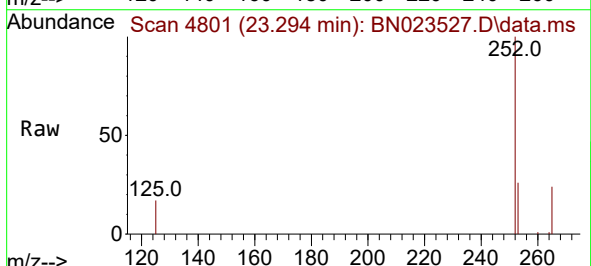


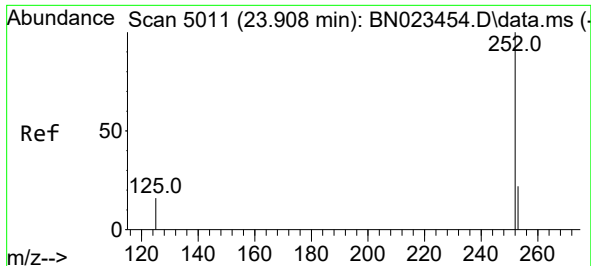
Tgt Ion:252 Resp: 16369
Ion Ratio Lower Upper
252 100
253 25.4 0.0 49.2
125 16.6 0.0 31.8



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul
RT: 23.294 min Scan# 4801
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:252 Resp: 15688
Ion Ratio Lower Upper
252 100
253 25.5 19.8 29.6
125 16.7 12.6 18.8

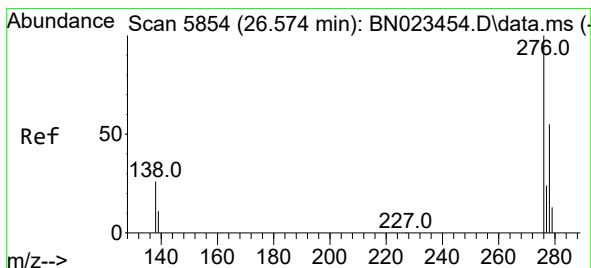
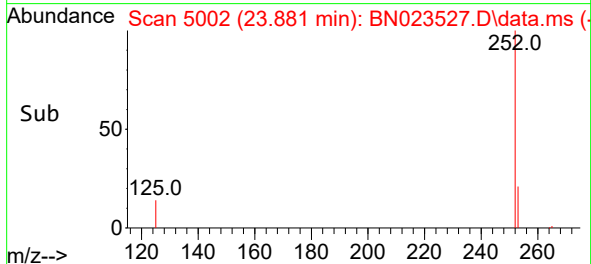
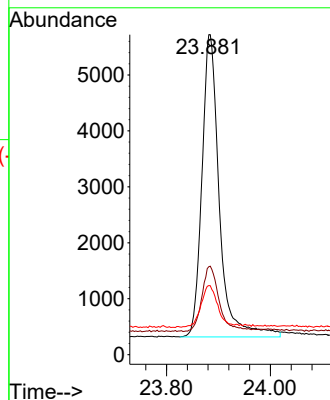
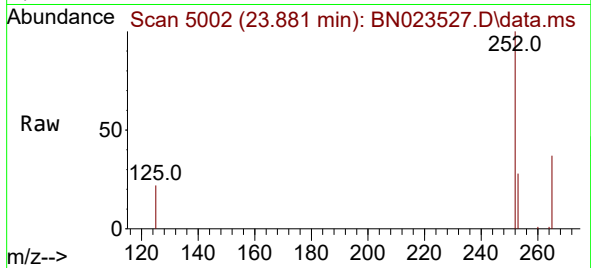




#26
Benzo(a)pyrene
Concen: 0.328 ng/ul
RT: 23.881 min Scan# 5011
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

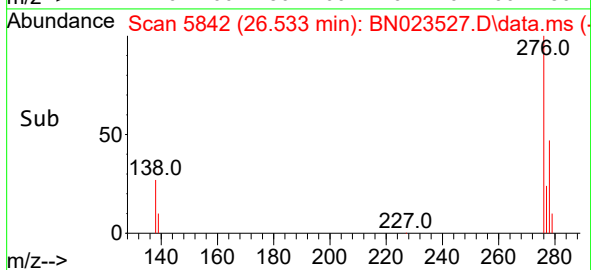
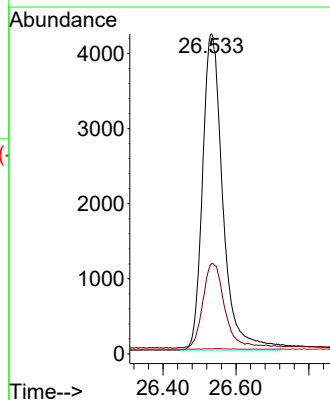
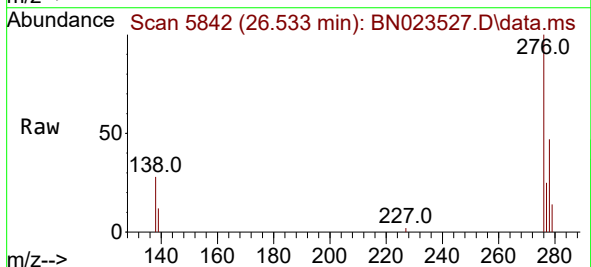
Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

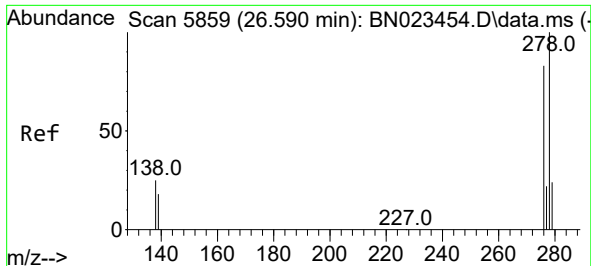
Tgt Ion:252 Resp: 12560
Ion Ratio Lower Upper
252 100
253 27.5 21.4 32.2
125 21.6 16.2 24.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng/ul
RT: 26.533 min Scan# 5842
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:276 Resp: 16293
Ion Ratio Lower Upper
276 100
138 28.5 23.4 35.2
227 0.1 0.0 0.0#

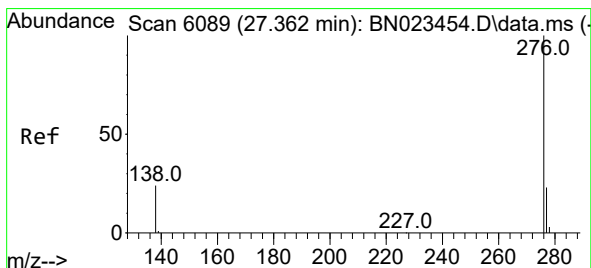
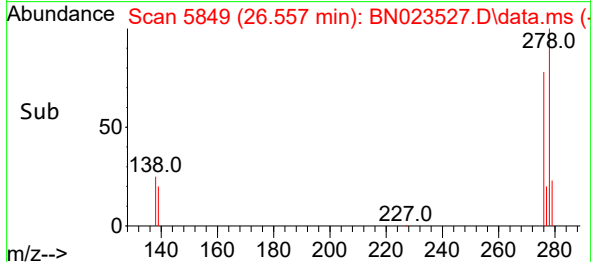
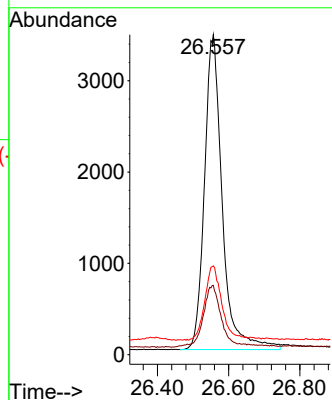
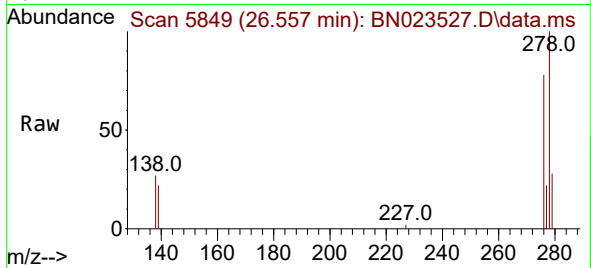




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 26.557 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Instrument :
BNA_N
ClientSampleId :
SSTD0.4363

Tgt Ion:278 Resp: 11962
Ion Ratio Lower Upper
278 100
139 21.7 16.6 24.8
279 27.8 21.3 31.9



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.315 min Scan# 6075
Delta R.T. 0.000 min
Lab File: BN023527.D
Acq: 30 Dec 2022 10:57

Tgt Ion:276 Resp: 15511
Ion Ratio Lower Upper
276 100
138 26.2 20.3 30.5
277 24.9 19.7 29.5

