

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090123\
 Data File : BN027363.D
 Acq On : 02 Sep 2023 04:25
 Operator : MA/JU
 Sample : SST0.828
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.8247

Quant Time: Sep 02 06:11:24 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 : Sat Sep 02 06:08:27 2023
 Response via : Initial Calibration

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

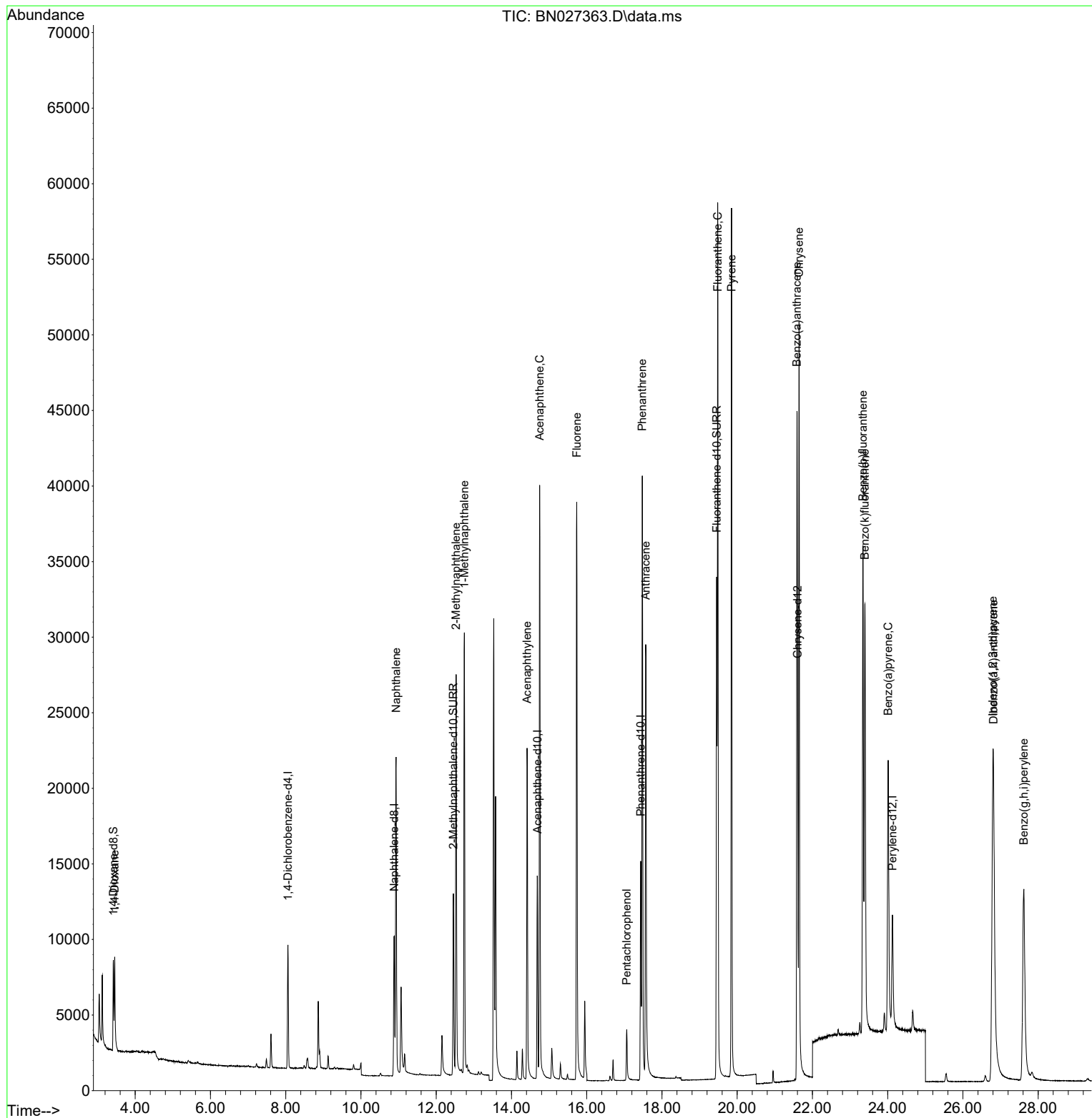
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	4267	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	13671	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	7887	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.435	188	17934	0.400	ng/ul	0.00
17) Chrysene-d12	21.606	240	14389	0.400	ng/ul	0.00
23) Perylene-d12	24.126	264	12316	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	4401	0.869	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	16362	0.813	ng/ul	0.00
18) Fluoranthene-d10	19.455	212	37581	0.827	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	4365	0.844	ng/ul	93
5) Naphthalene	10.933	128	30614	0.792	ng/ul	99
7) 2-Methylnaphthalene	12.528	142	19676	0.841	ng/ul	99
8) 1-Methylnaphthalene	12.748	142	20422	0.834	ng/ul	99
10) Acenaphthylene	14.416	152	28165	0.637	ng/ul	99
11) Acenaphthene	14.749	153	24087	0.788	ng/ul	99
12) Fluorene	15.735	166	27706	0.801	ng/ul	99
14) Pentachlorophenol	17.063	266	2592	0.511	ng/ul	100
15) Phenanthrene	17.477	178	45406	0.771	ng/ul	99
16) Anthracene	17.570	178	37159	0.698	ng/ul	99
19) Fluoranthene	19.483	202	51193	0.857	ng/ul	99
20) Pyrene	19.850	202	51193	0.803	ng/ul	98
21) Benzo(a)anthracene	21.589	228	41136	0.719	ng/ul	100
22) Chrysene	21.644	228	46377	0.821	ng/ul	100
24) Benzo(b)fluoranthene	23.343	252	46574	1.000	ng/ul	95
25) Benzo(k)fluoranthene	23.395	252	45265	0.985	ng/ul	95
26) Benzo(a)pyrene	24.012	252	35877	0.853	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.794	276	41677	0.758	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.814	278	32187	0.734	ng/ul	96
29) Benzo(g,h,i)perylene	27.619	276	37051	0.809	ng/ul	98

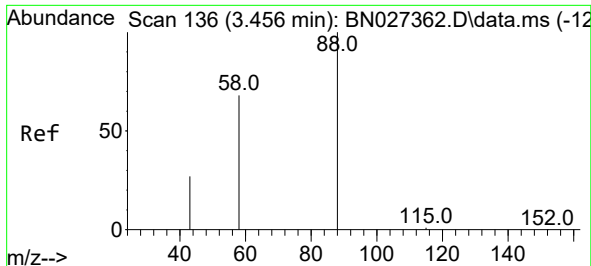
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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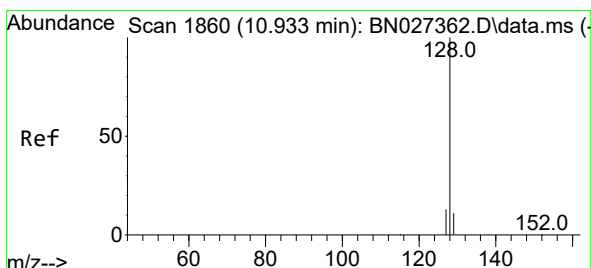
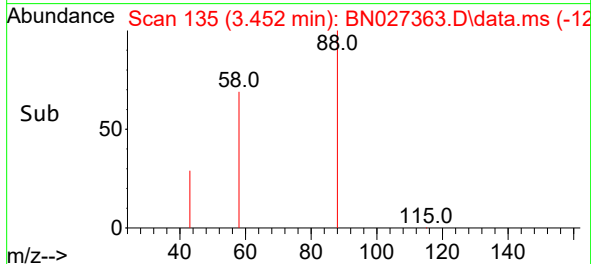
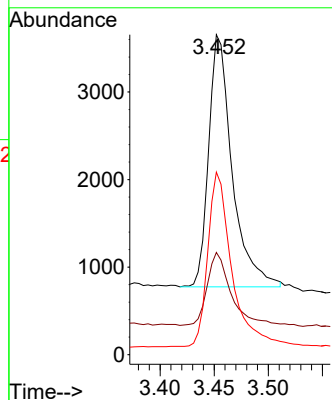
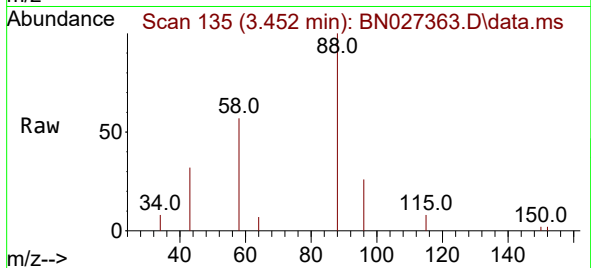




#2
1,4-Dioxane
Concen: 0.844 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

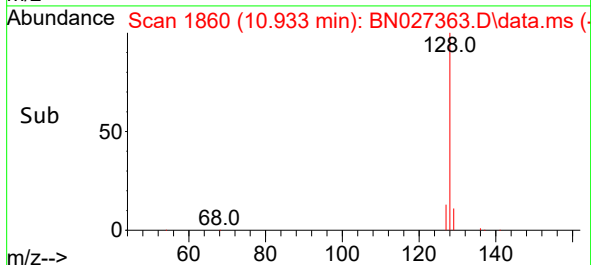
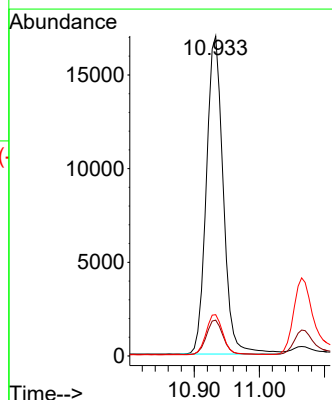
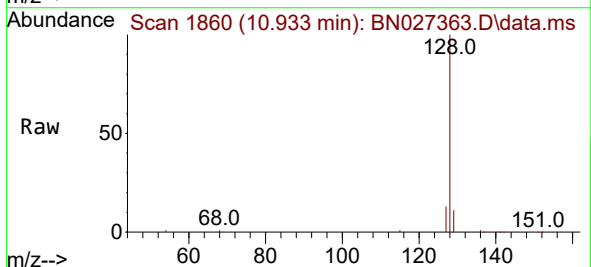
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

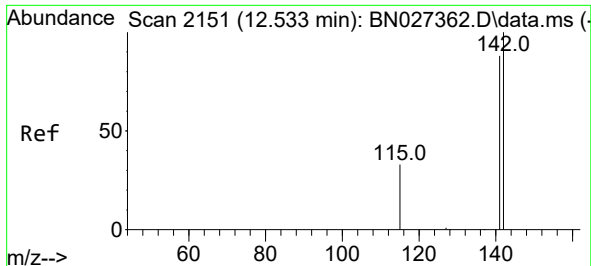
Tgt Ion: 88 Resp: 4365
Ion Ratio Lower Upper
88 100
43 31.9 26.8 40.2
58 57.0 39.9 59.9



#5
Naphthalene
Concen: 0.792 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:128 Resp: 30614
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.9 10.6 16.0

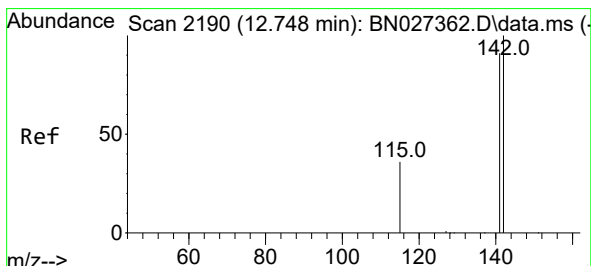
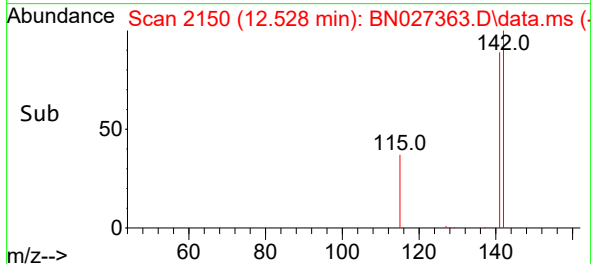
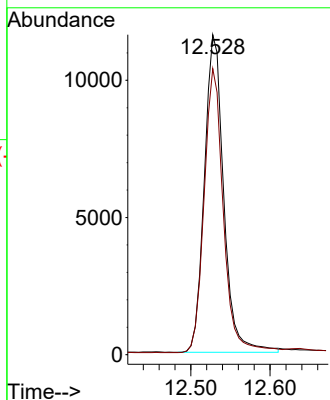
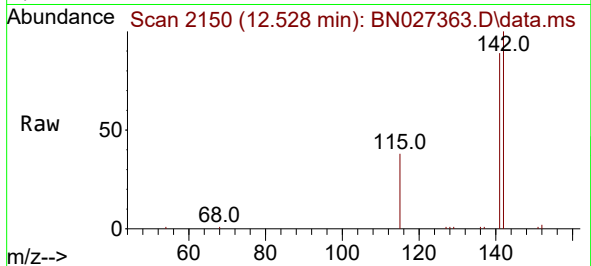




#7
2-Methylnaphthalene
Concen: 0.841 ng/ul
RT: 12.528 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

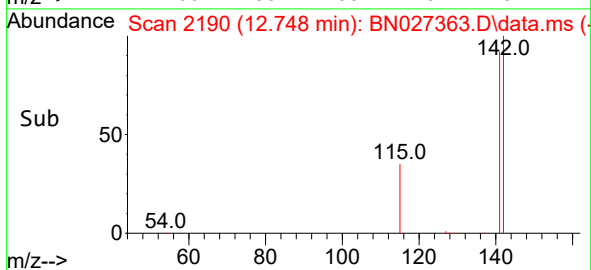
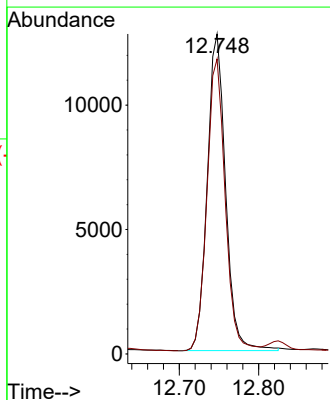
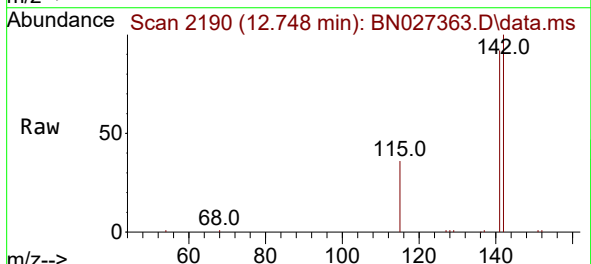
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

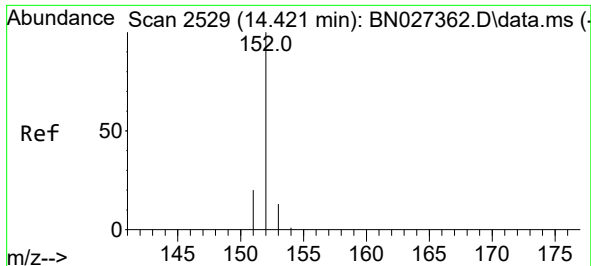
Tgt Ion:142 Resp: 19676
Ion Ratio Lower Upper
142 100
141 89.0 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.834 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:142 Resp: 20422
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4

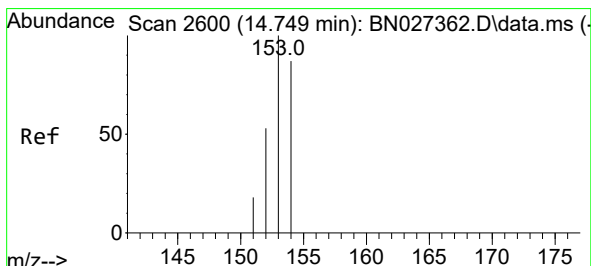
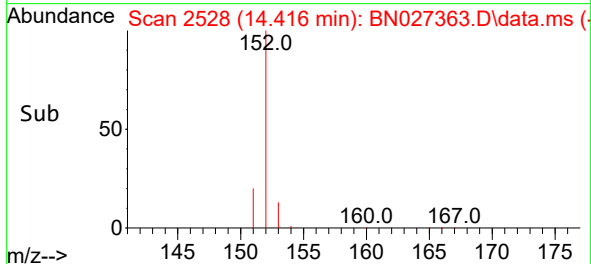
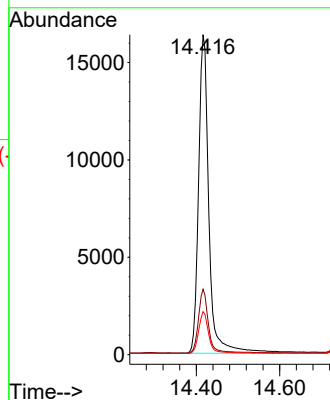
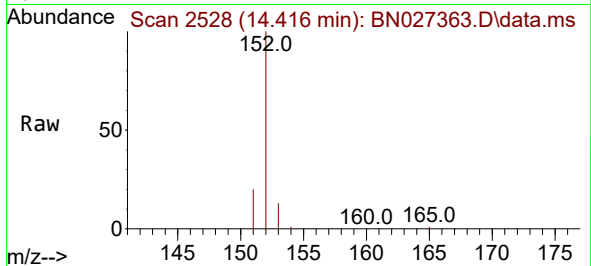




#10
Acenaphthylene
Concen: 0.637 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

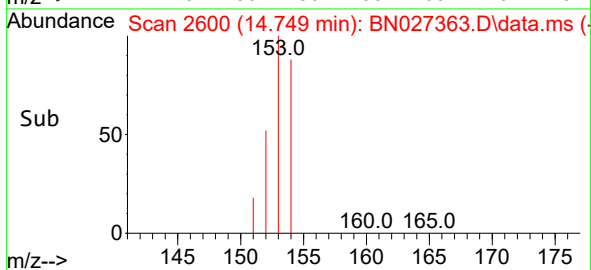
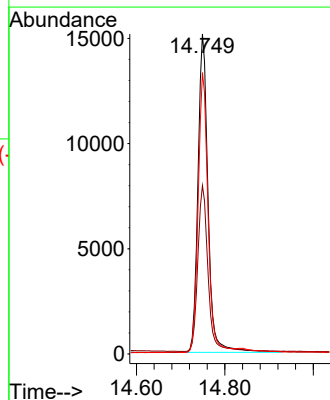
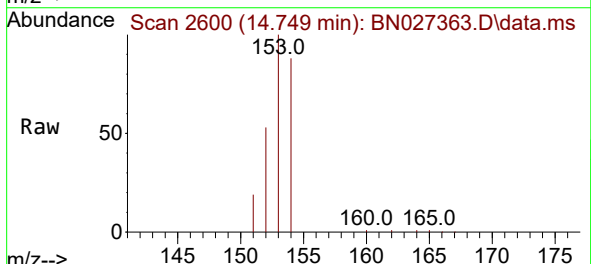
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

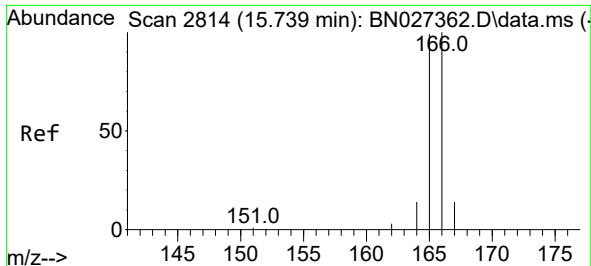
Tgt Ion:152 Resp: 28165
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 11.1 16.7



#11
Acenaphthene
Concen: 0.788 ng/ul
RT: 14.749 min Scan# 2600
Delta R.T. -0.000 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:153 Resp: 24087
Ion Ratio Lower Upper
153 100
152 52.7 42.9 64.3
154 87.9 69.4 104.0

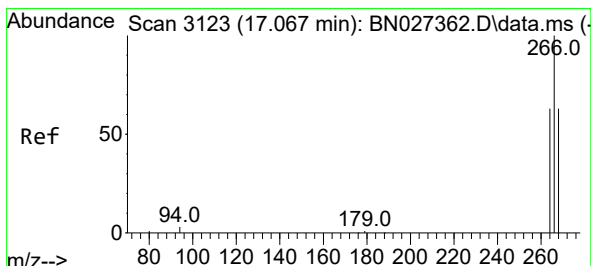
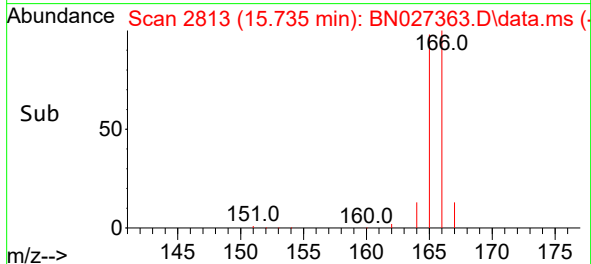
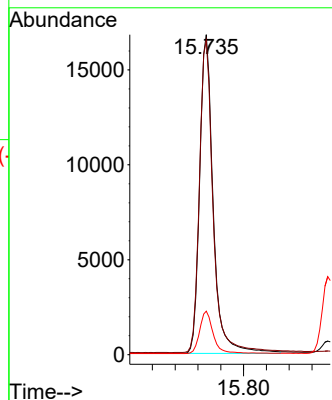
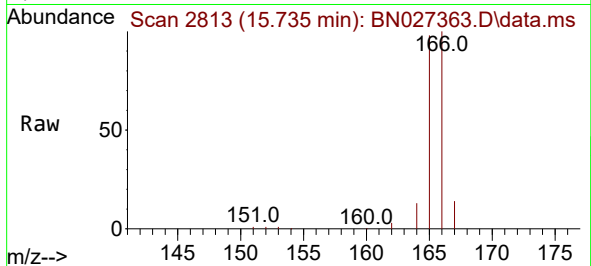




#12
Fluorene
Concen: 0.801 ng/ul
RT: 15.735 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

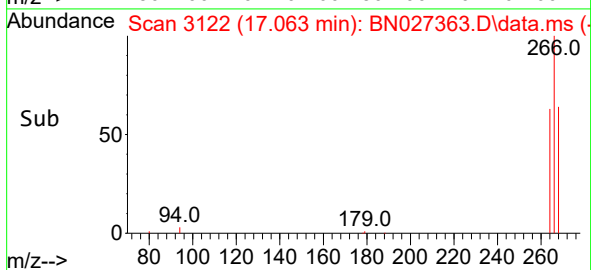
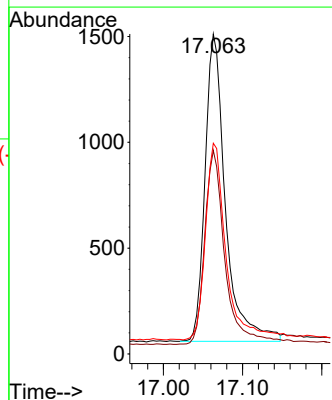
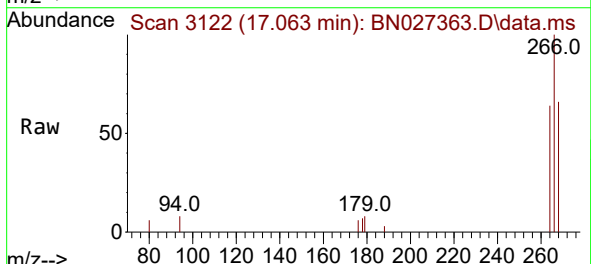
Instrument :
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ClientSampleId :
SSTD0.8247

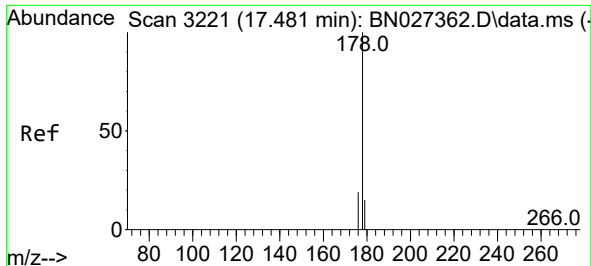
Tgt Ion:166 Resp: 27706
Ion Ratio Lower Upper
166 100
165 98.2 79.6 119.4
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.511 ng/ul
RT: 17.063 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:266 Resp: 2592
Ion Ratio Lower Upper
266 100
264 62.6 50.4 75.6
268 64.9 51.9 77.9

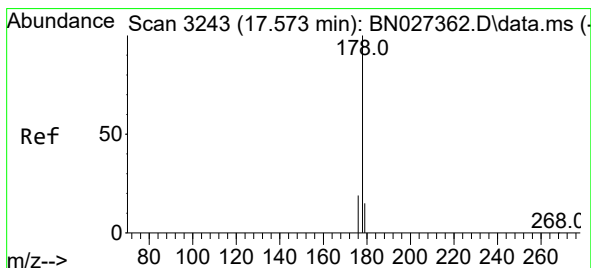
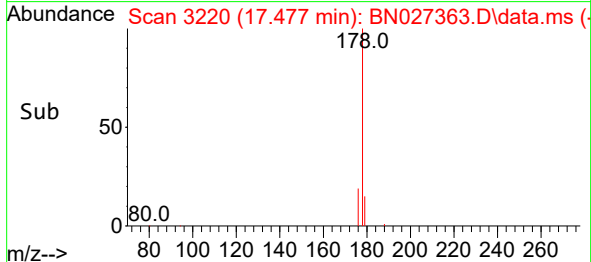
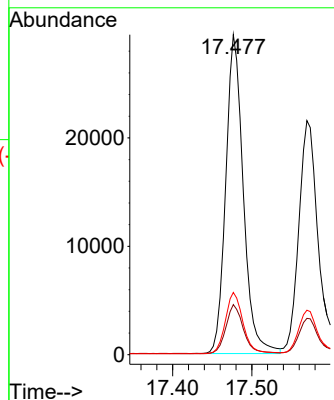
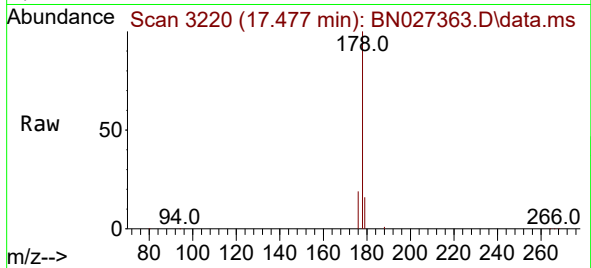




#15
Phenanthrene
Concen: 0.771 ng/ul
RT: 17.477 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

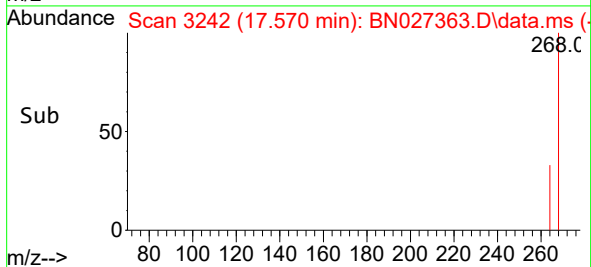
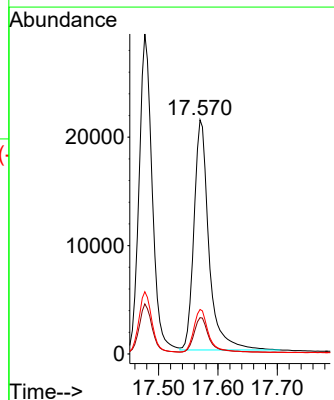
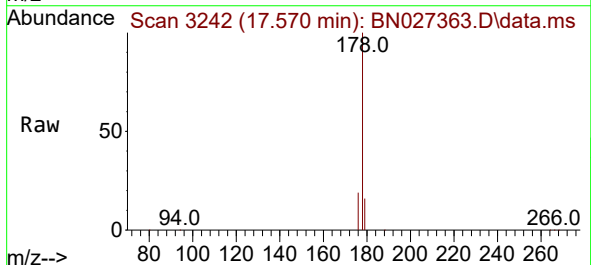
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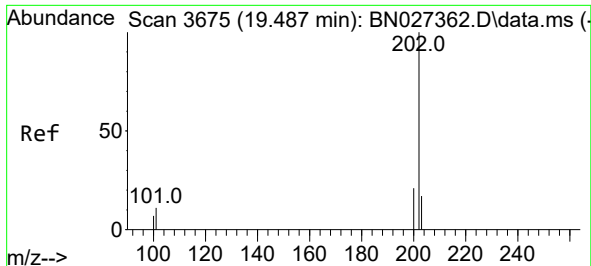
Tgt Ion:178 Resp: 45406
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.5 15.8 23.8



#16
Anthracene
Concen: 0.698 ng/ul
RT: 17.570 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:178 Resp: 37159
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.6 23.4

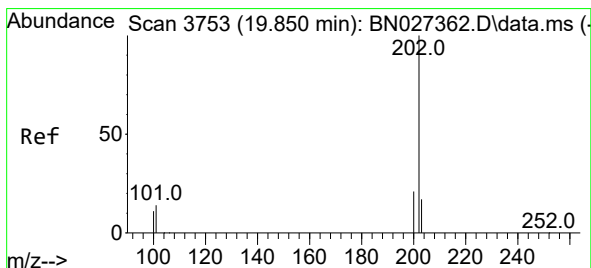
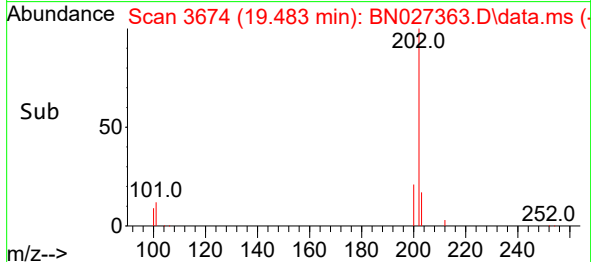
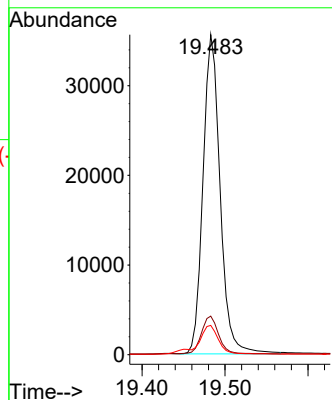
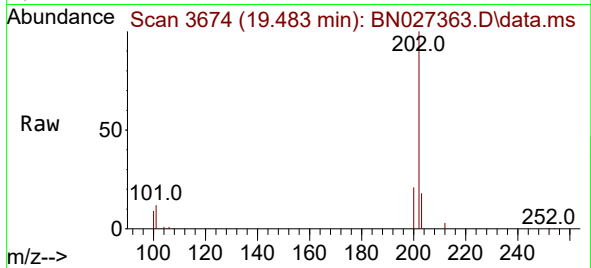




#19
Fluoranthene
Concen: 0.857 ng/ul
RT: 19.483 min Scan# 3674
Delta R.T. -0.004 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

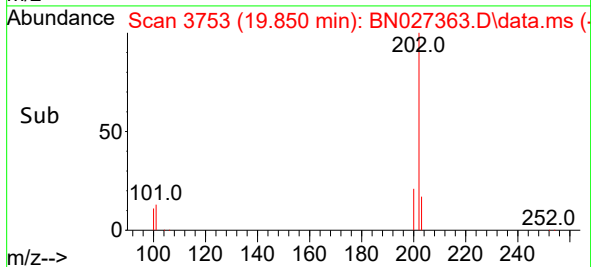
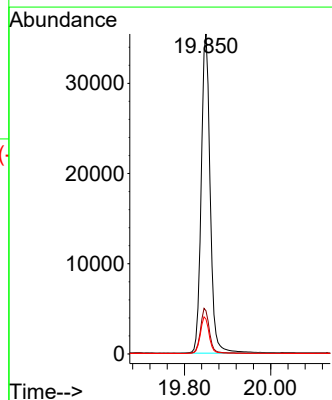
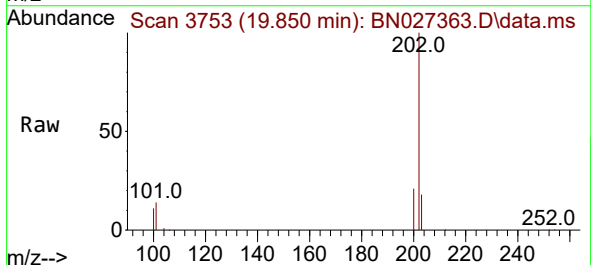
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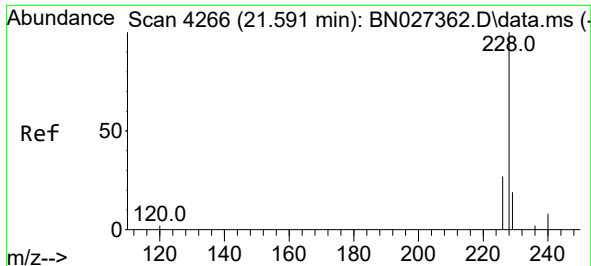
Tgt Ion:202 Resp: 51193
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.0
100 9.1 6.9 10.3



#20
Pyrene
Concen: 0.803 ng/ul
RT: 19.850 min Scan# 3753
Delta R.T. 0.000 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:202 Resp: 51193
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 10.9 9.4 14.2

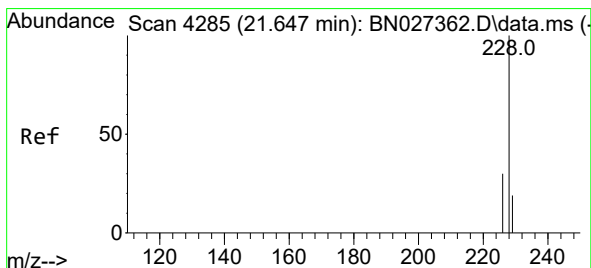
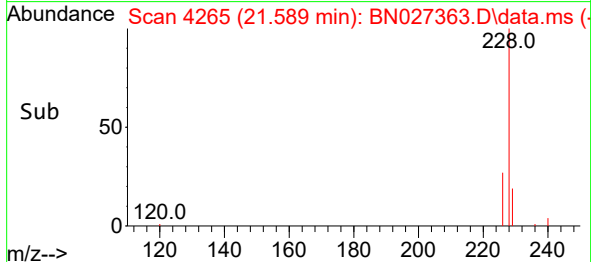
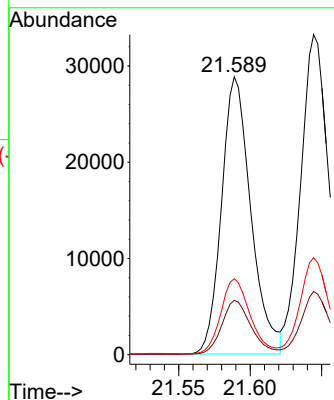
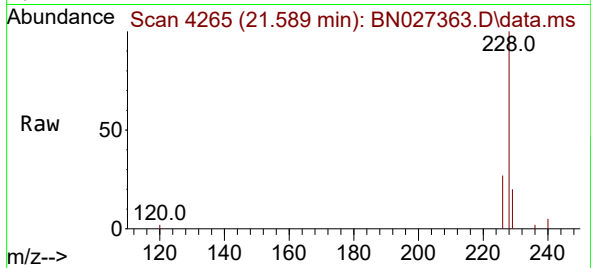




#21
Benzo(a)anthracene
Concen: 0.719 ng/ul
RT: 21.589 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

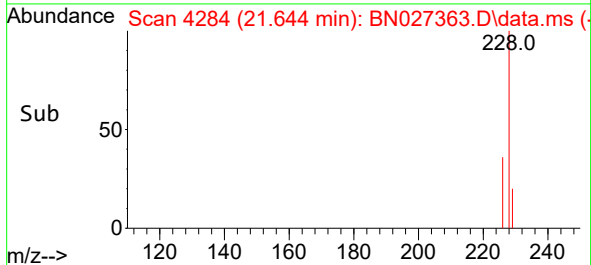
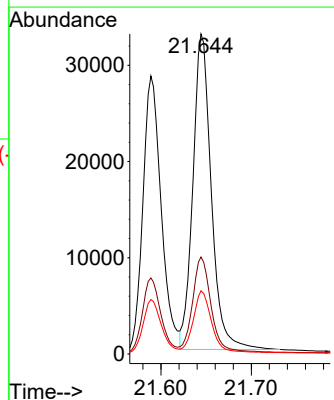
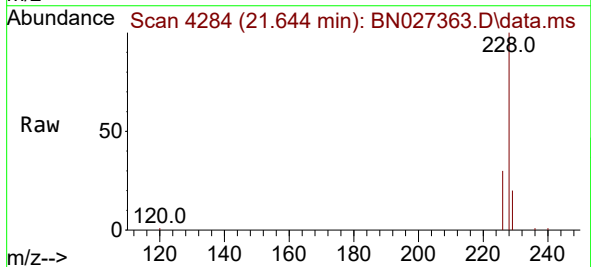
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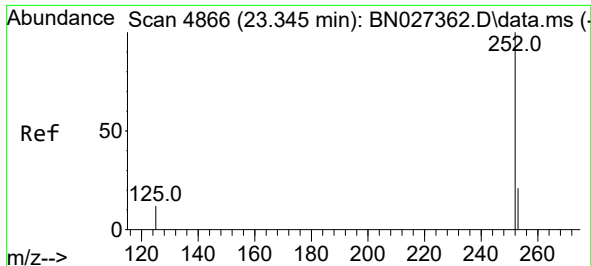
Tgt Ion:228 Resp: 41136
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.4 22.0 33.0



#22
Chrysene
Concen: 0.821 ng/ul
RT: 21.644 min Scan# 4284
Delta R.T. -0.003 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:228 Resp: 46377
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 19.8 15.6 23.4

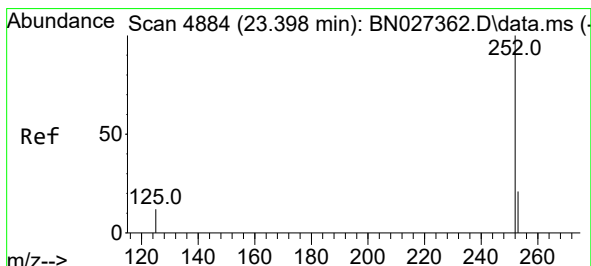
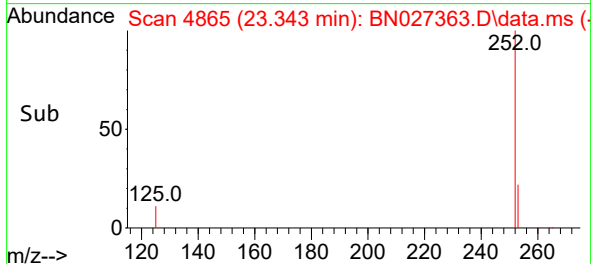
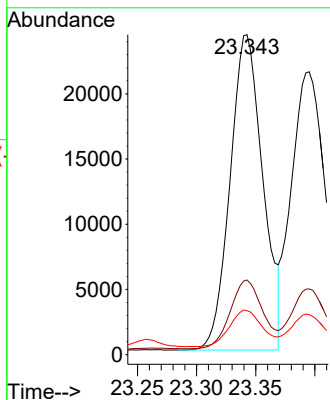
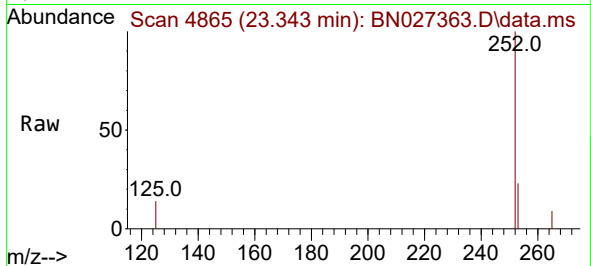




#24
Benzo(b)fluoranthene
Concen: 1.000 ng/ul
RT: 23.343 min Scan# 4865
Delta R.T. -0.003 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

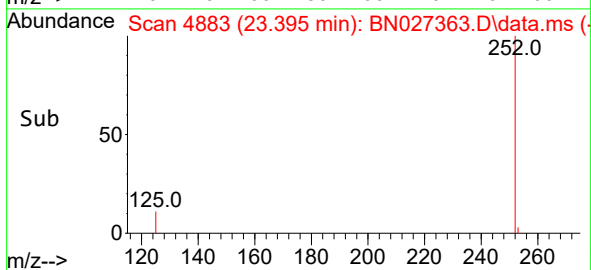
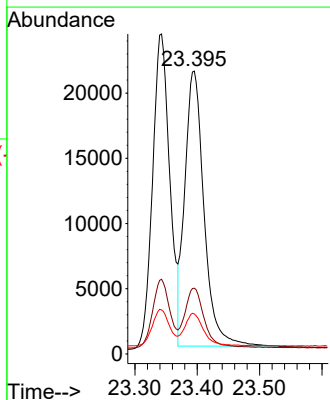
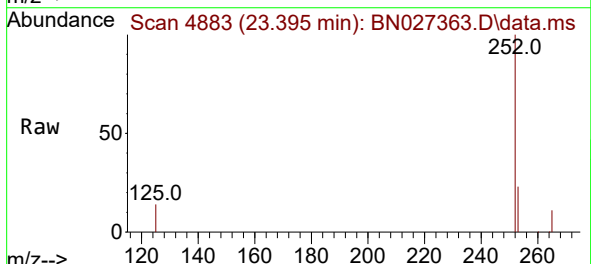
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

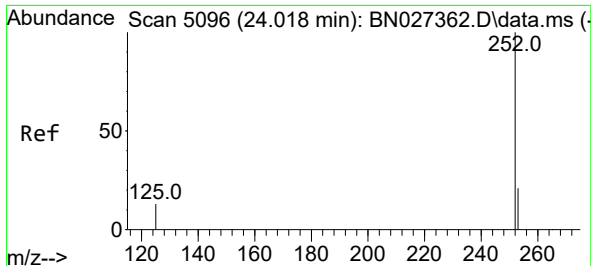
Tgt Ion:252 Resp: 46574
Ion Ratio Lower Upper
252 100
253 23.3 0.0 49.6
125 13.8 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.985 ng/ul
RT: 23.395 min Scan# 4883
Delta R.T. -0.003 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:252 Resp: 45265
Ion Ratio Lower Upper
252 100
253 23.3 19.9 29.9
125 14.1 13.6 20.4

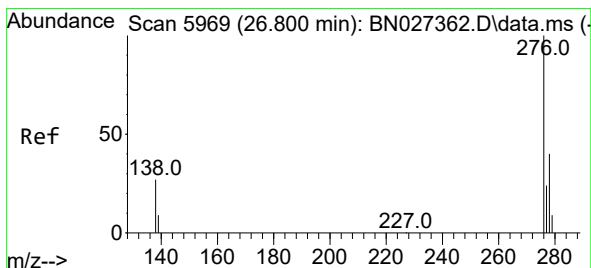
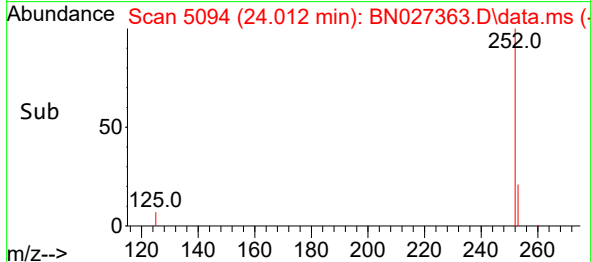
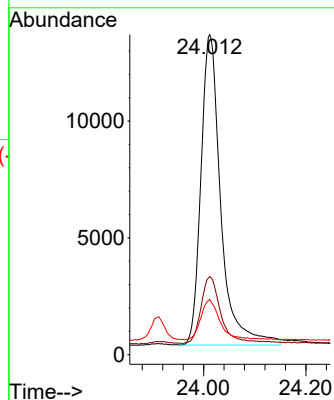
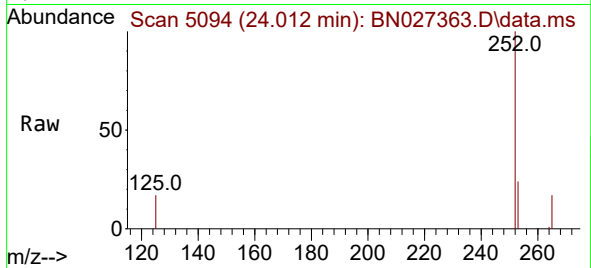




#26
Benzo(a)pyrene
Concen: 0.853 ng/ul
RT: 24.012 min Scan# 5096
Delta R.T. -0.005 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

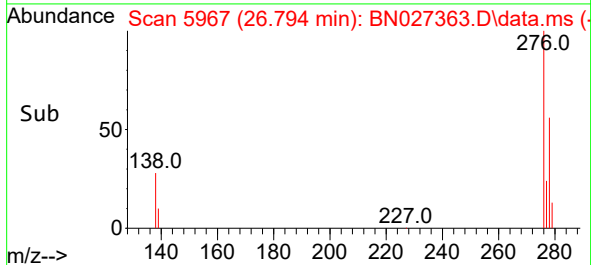
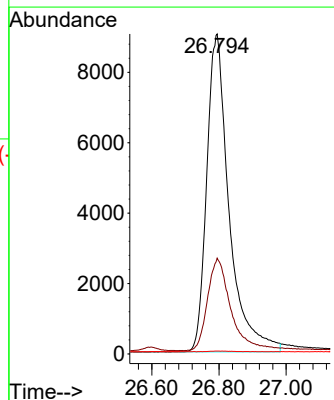
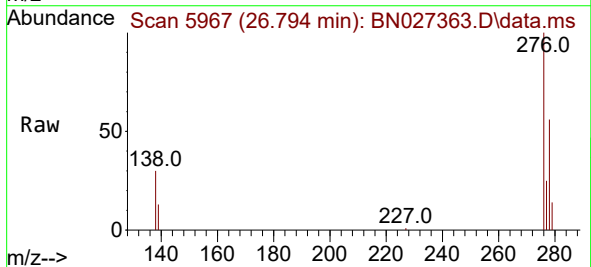
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

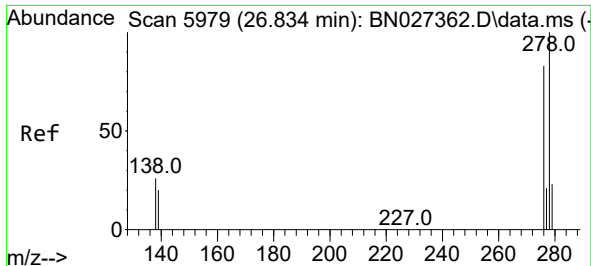
Tgt Ion:252 Resp: 35877
Ion Ratio Lower Upper
252 100
253 24.4 22.4 33.6
125 17.3 17.4 26.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.758 ng/ul
RT: 26.794 min Scan# 5967
Delta R.T. -0.006 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:276 Resp: 41677
Ion Ratio Lower Upper
276 100
138 30.2 23.9 35.9
227 0.2 0.1 0.1#

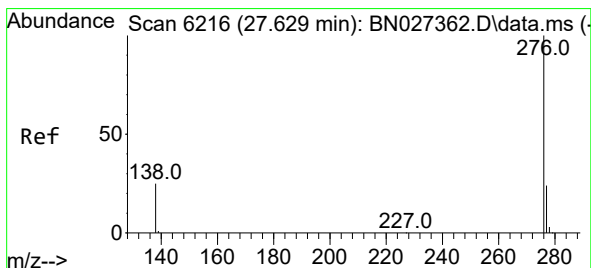
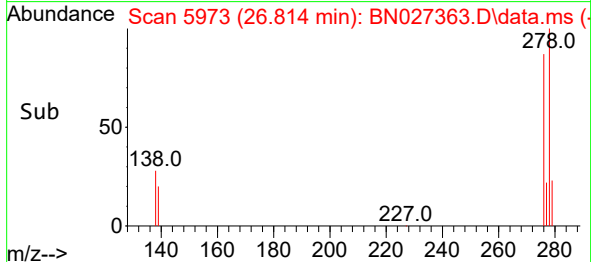
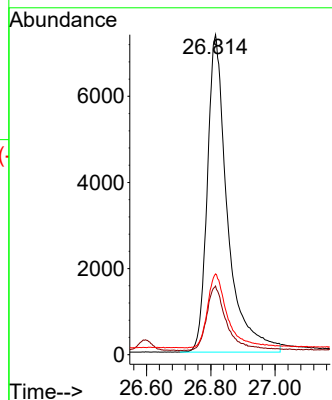
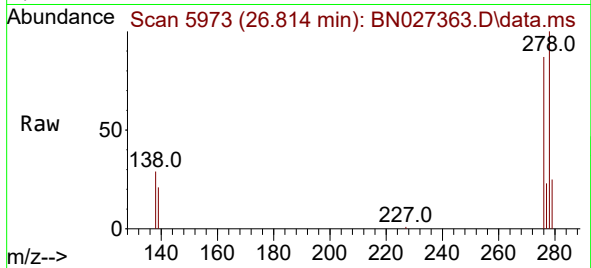




#28
Dibenzo(a,h)anthracene
Concen: 0.734 ng/ul
RT: 26.814 min Scan# 5973
Delta R.T. -0.019 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:278 Resp: 32187
Ion Ratio Lower Upper
278 100
139 21.4 18.0 27.0
279 25.3 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.809 ng/ul
RT: 27.619 min Scan# 6213
Delta R.T. -0.009 min
Lab File: BN027363.D
Acq: 02 Sep 2023 04:25

Tgt Ion:276 Resp: 37051
Ion Ratio Lower Upper
276 100
138 26.8 22.1 33.1
277 24.1 20.2 30.4

