

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091523\
 Data File : BN027693.D
 Acq On : 15 Sep 2023 13:24
 Operator : MA/JU
 Sample : SSTD1.635
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

Quant Time: Sep 16 01:02:15 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 16 00:59:56 2023
 Response via : Initial Calibration

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

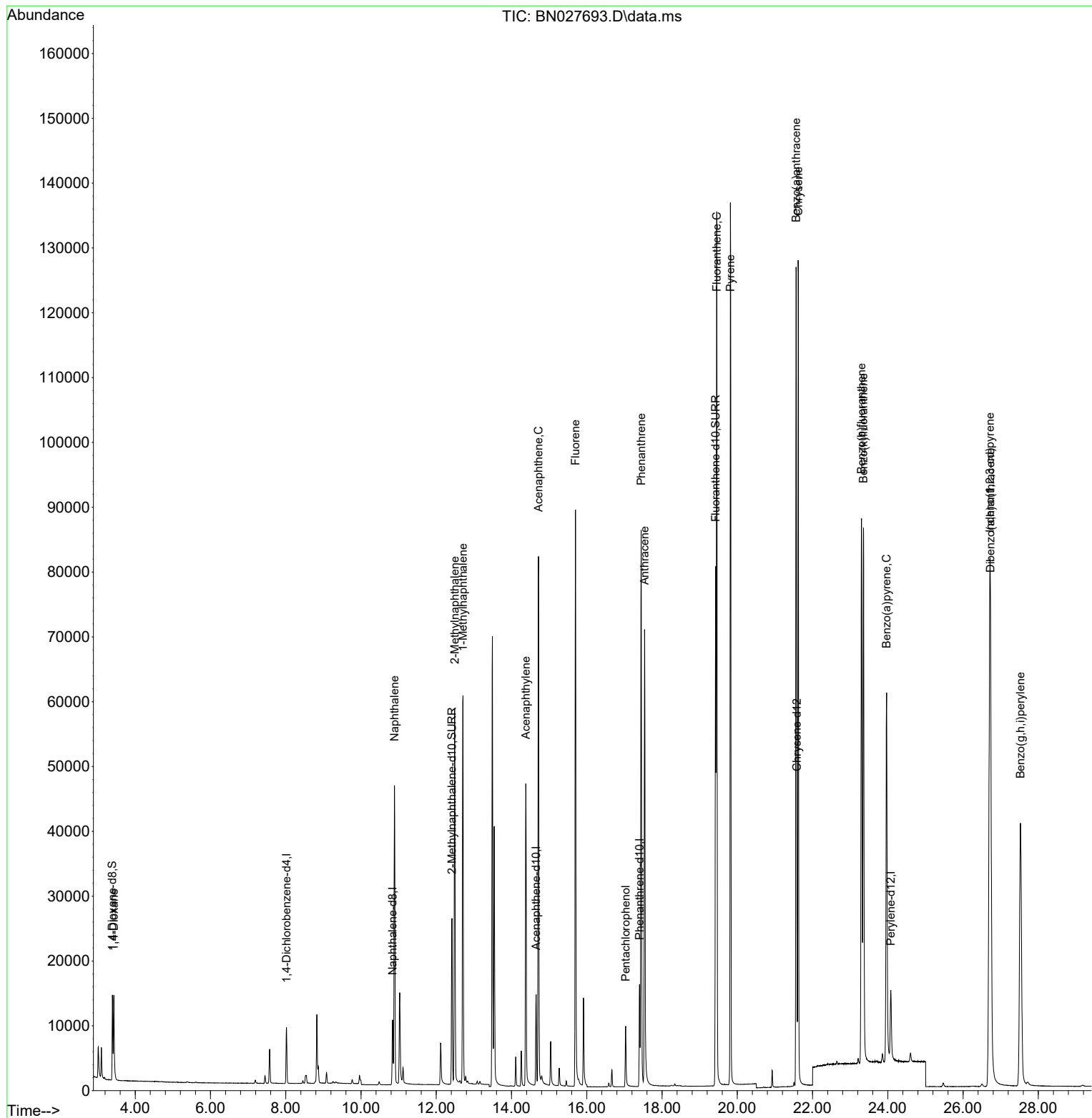
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.017	152	4404	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	13718	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	8044	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.401	188	18982	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	17806	0.400	ng/ul	0.00
23) Perylene-d12	24.079	264	15961	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	8770	1.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	34011	1.672	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	85243	1.455	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.431	88	9319	1.578	ng/ul#	85
5) Naphthalene	10.889	128	63264	1.628	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	40827	1.679	ng/ul	100
8) 1-Methylnaphthalene	12.709	142	41587	1.610	ng/ul	100
10) Acenaphthylene	14.379	152	57237	1.596	ng/ul	98
11) Acenaphthene	14.717	153	48455	1.567	ng/ul	99
12) Fluorene	15.697	166	57268	1.639	ng/ul	98
14) Pentachlorophenol	17.033	266	6819	1.795	ng/ul	99
15) Phenanthrene	17.443	178	95337	1.579	ng/ul	99
16) Anthracene	17.536	178	83486	1.723	ng/ul	99
19) Fluoranthene	19.455	202	115194	1.469	ng/ul	99
20) Pyrene	19.817	202	115922	1.448	ng/ul	100
21) Benzo(a)anthracene	21.562	228	113375	1.763	ng/ul	99
22) Chrysene	21.618	228	113116	1.548	ng/ul	99
24) Benzo(b)fluoranthene	23.302	252	118076	1.615	ng/ul	93
25) Benzo(k)fluoranthene	23.351	252	114985	1.609	ng/ul#	94
26) Benzo(a)pyrene	23.965	252	95800	1.665	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.710	276	123563	1.885	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.730	278	99775	1.964	ng/ul	96
29) Benzo(g,h,i)perylene	27.525	276	100885	1.723	ng/ul	97

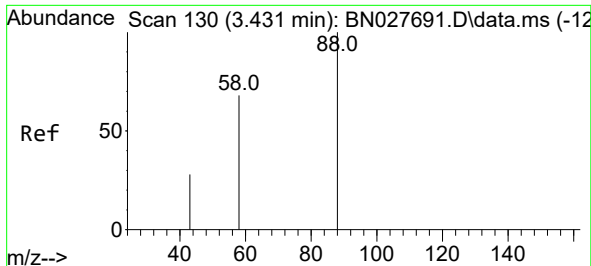
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Sep 16 01:02:15 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

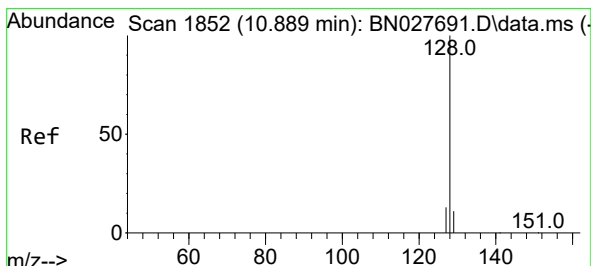
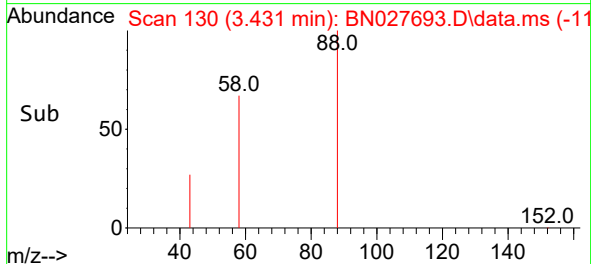
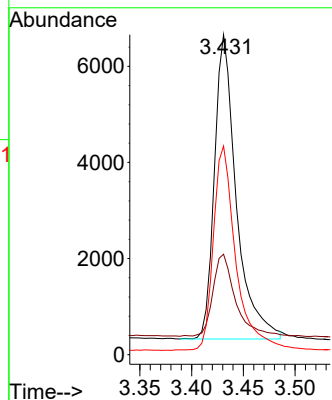
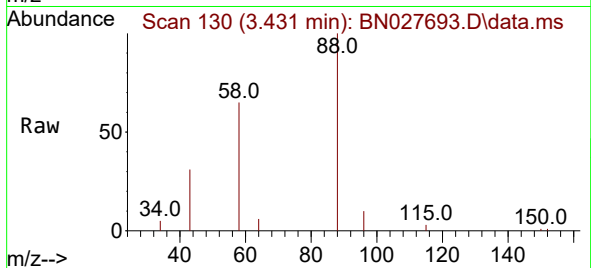




#2
1,4-Dioxane
Concen: 1.578 ng/ul
RT: 3.431 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

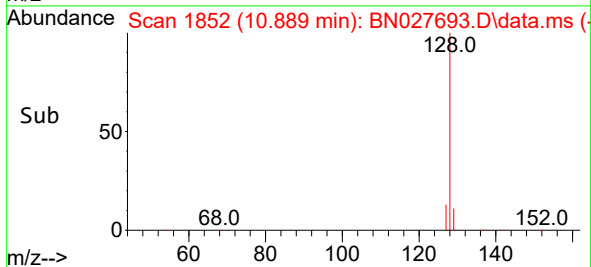
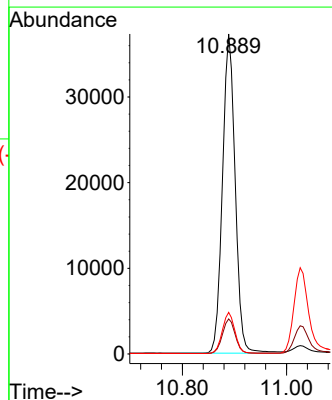
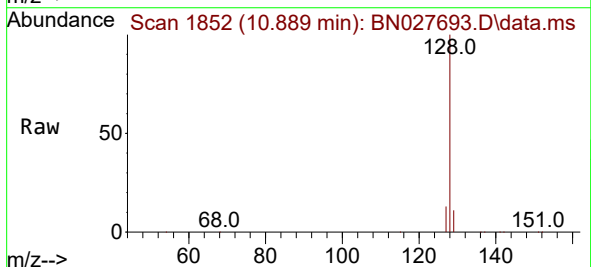
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

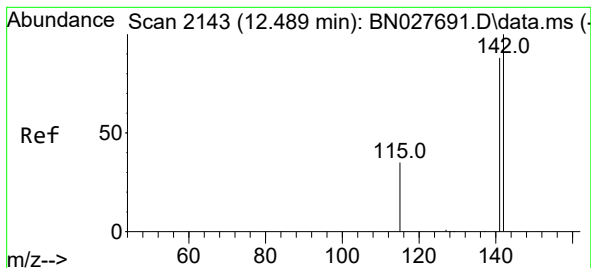
Tgt Ion: 88 Resp: 9319
Ion Ratio Lower Upper
88 100
43 31.4 39.6 59.4#
58 65.2 48.3 72.5



#5
Naphthalene
Concen: 1.628 ng/ul
RT: 10.889 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:128 Resp: 63264
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.0 10.7 16.1

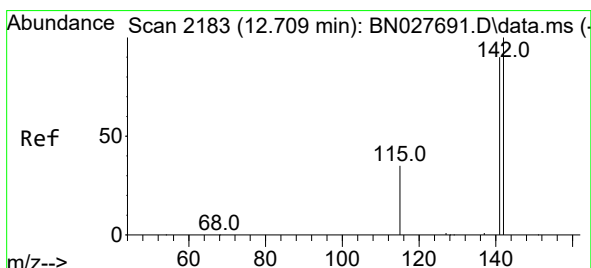
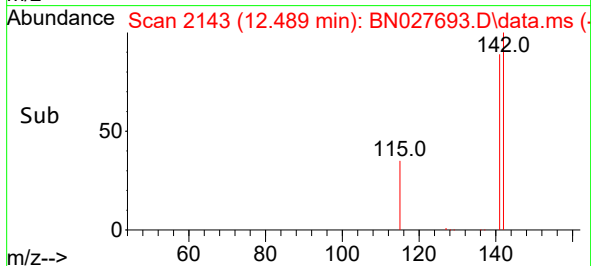
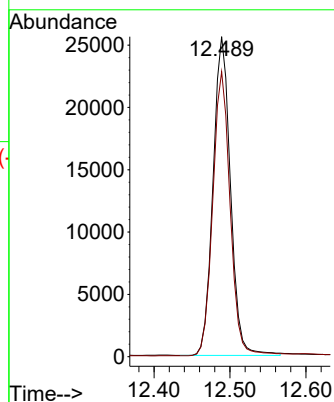
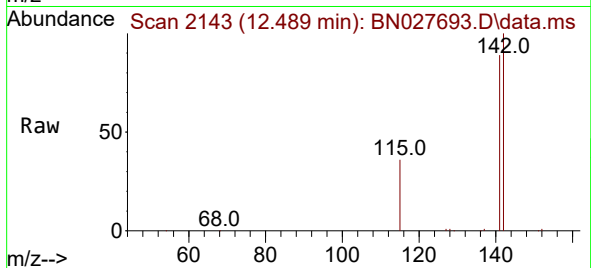




#7
2-Methylnaphthalene
Concen: 1.679 ng/ul
RT: 12.489 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

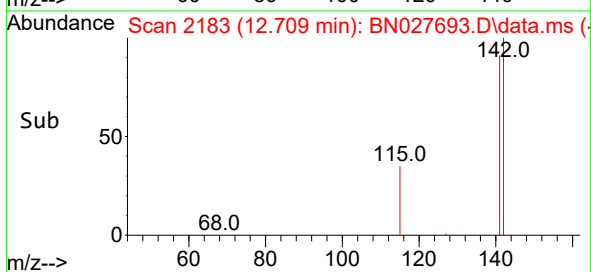
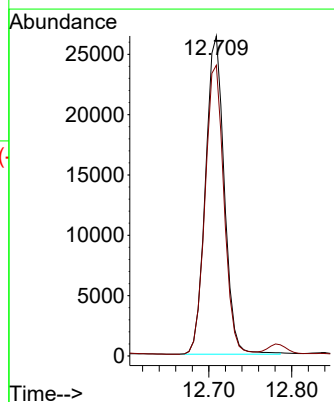
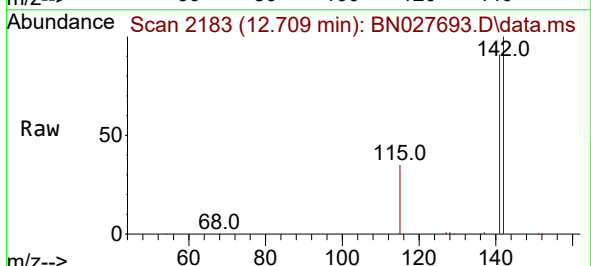
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

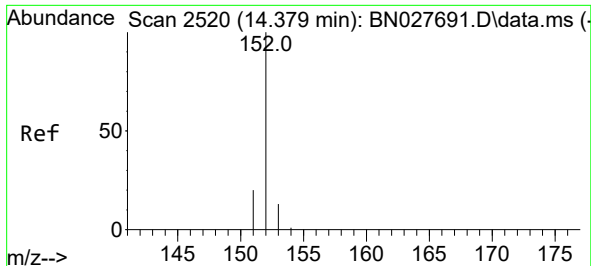
Tgt Ion:142 Resp: 40827
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 1.610 ng/ul
RT: 12.709 min Scan# 2183
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:142 Resp: 41587
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2

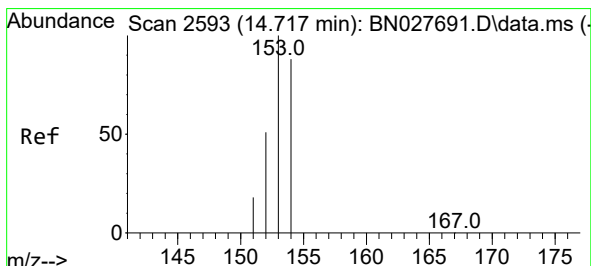
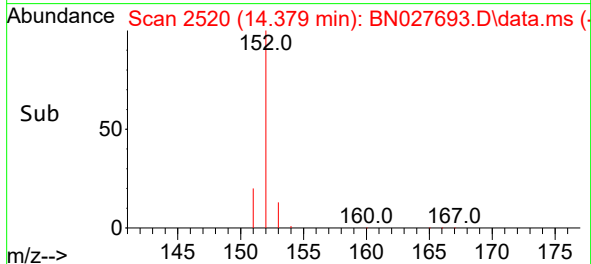
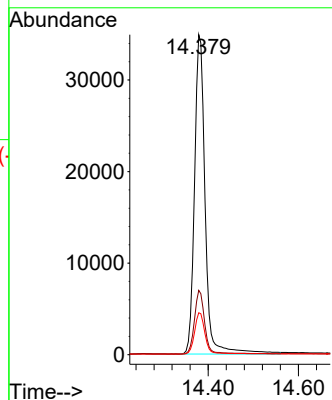
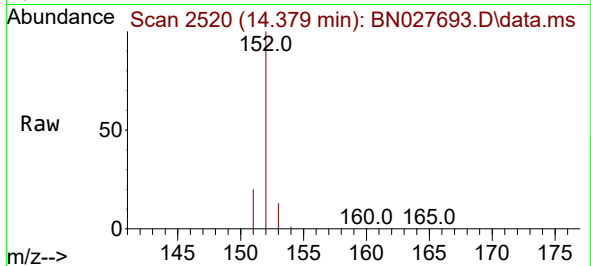




#10
Acenaphthylene
Concen: 1.596 ng/ul
RT: 14.379 min Scan# 2520
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

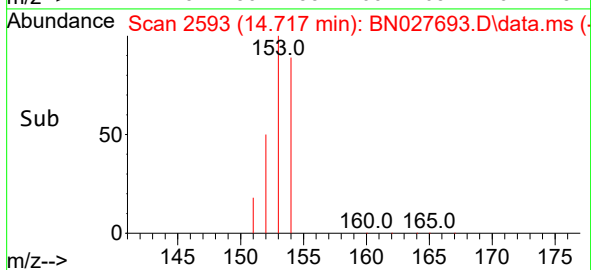
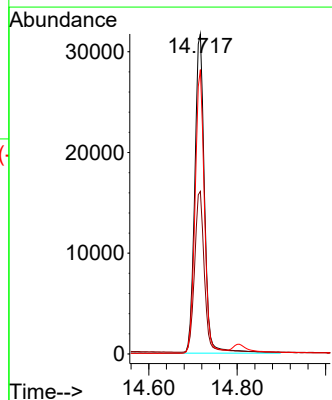
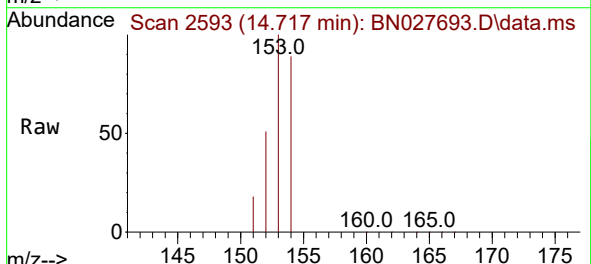
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

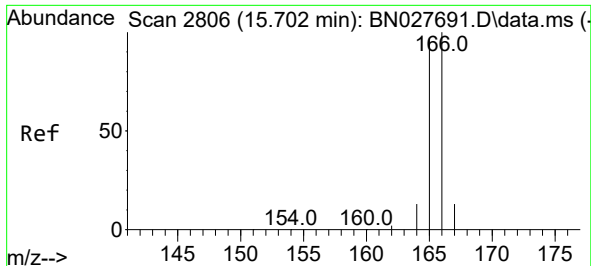
Tgt Ion:152 Resp: 57237
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0
153 13.1 11.0 16.6



#11
Acenaphthene
Concen: 1.567 ng/ul
RT: 14.717 min Scan# 2593
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:153 Resp: 48455
Ion Ratio Lower Upper
153 100
152 50.8 41.7 62.5
154 88.8 70.3 105.5

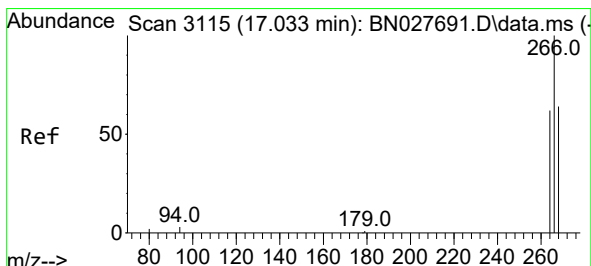
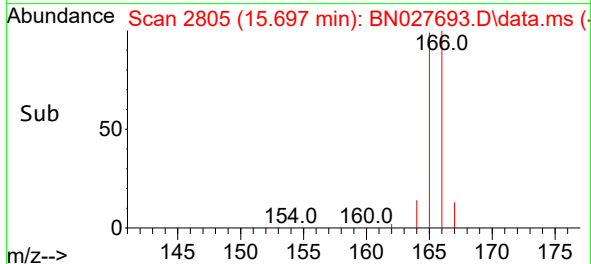
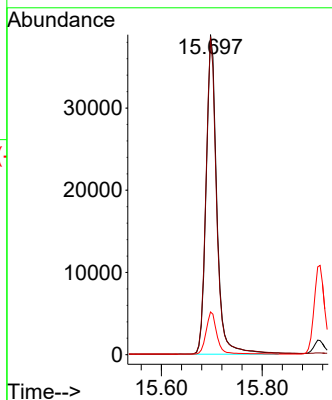
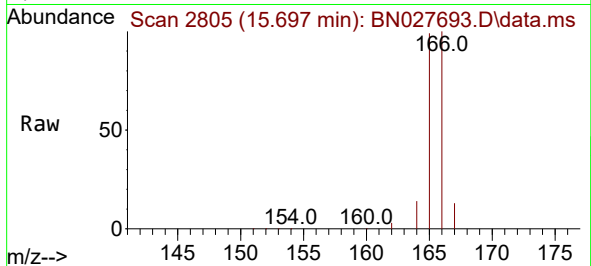




#12
 Fluorene
 Concen: 1.639 ng/ul
 RT: 15.697 min Scan# 2805
 Delta R.T. -0.005 min
 Lab File: BN027693.D
 Acq: 15 Sep 2023 13:24

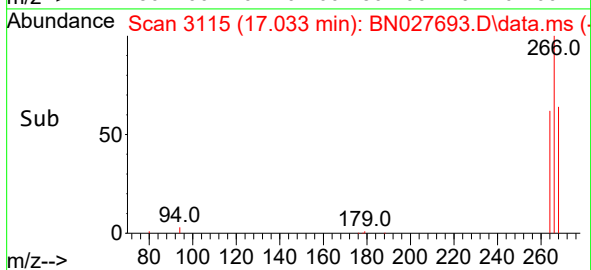
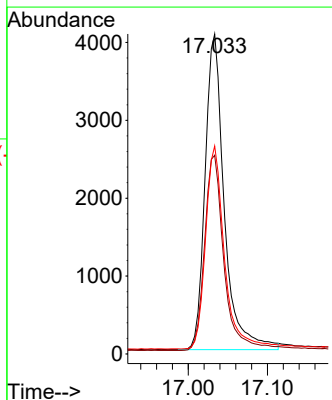
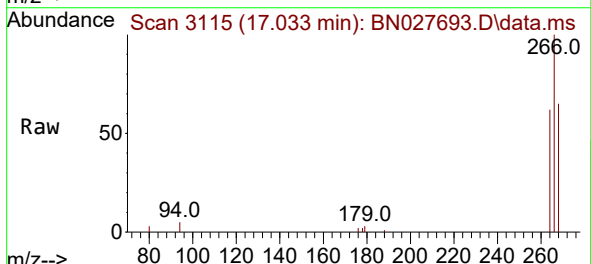
Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

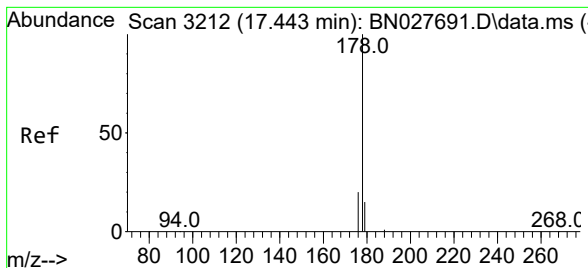
Tgt Ion:166 Resp: 57268
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.0 117.0
 167 13.4 11.4 17.2



#14
 Pentachlorophenol
 Concen: 1.795 ng/ul
 RT: 17.033 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BN027693.D
 Acq: 15 Sep 2023 13:24

Tgt Ion:266 Resp: 6819
 Ion Ratio Lower Upper
 266 100
 264 62.7 49.6 74.4
 268 63.7 50.7 76.1





#15

Phenanthrene

Concen: 1.579 ng/ul

RT: 17.443 min Scan# 3212

Delta R.T. -0.000 min

Lab File: BN027693.D

Acq: 15 Sep 2023 13:24

Instrument :

BNA_N

ClientSampleId :

SSTD1.6206

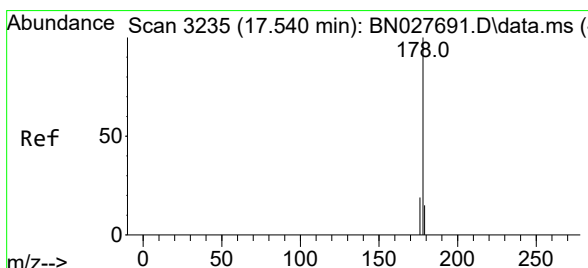
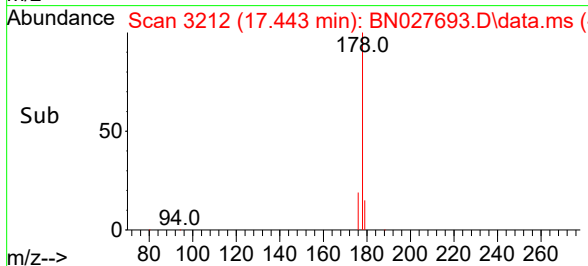
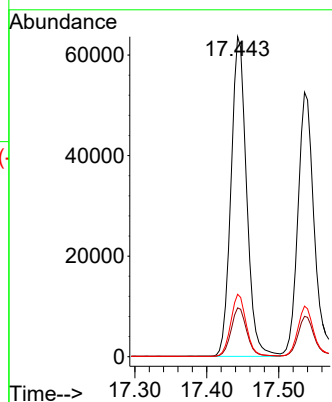
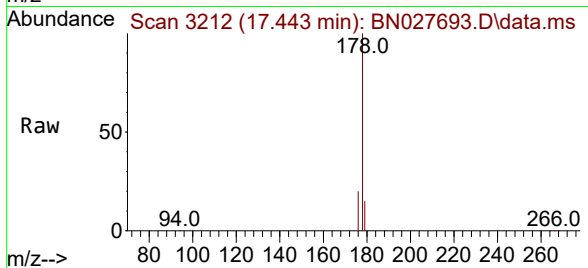
Tgt Ion:178 Resp: 95337

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.5 16.0 24.0



#16

Anthracene

Concen: 1.723 ng/ul

RT: 17.536 min Scan# 3234

Delta R.T. -0.004 min

Lab File: BN027693.D

Acq: 15 Sep 2023 13:24

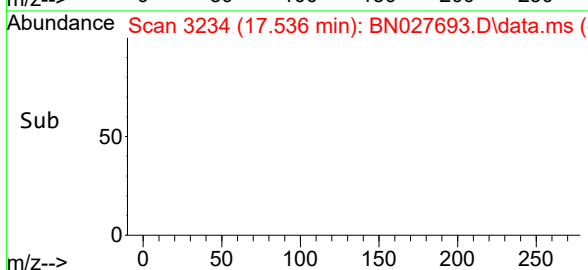
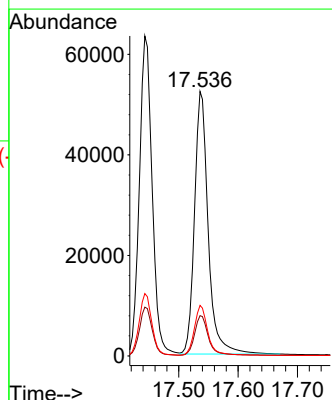
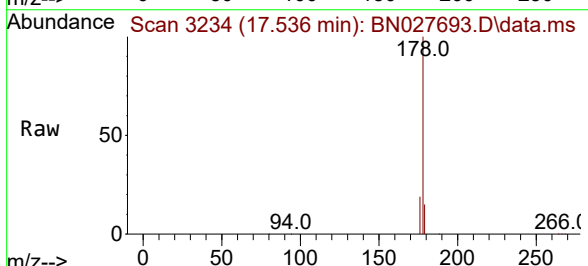
Tgt Ion:178 Resp: 83486

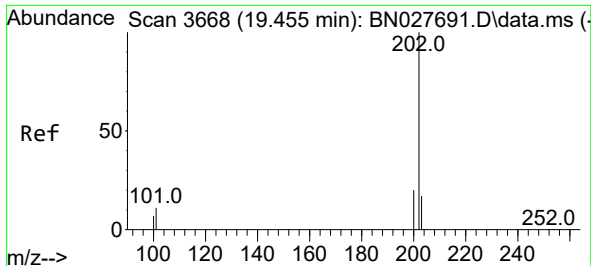
Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

176 19.1 15.5 23.3

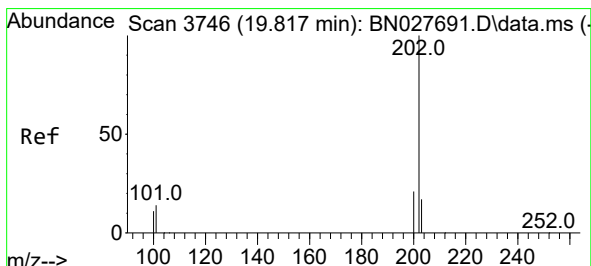
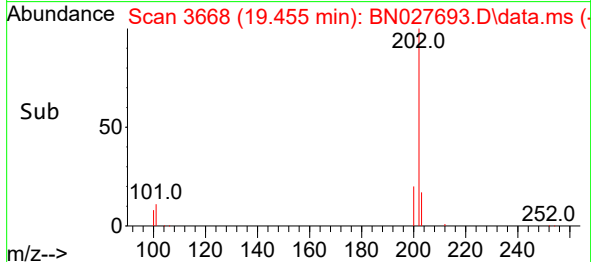
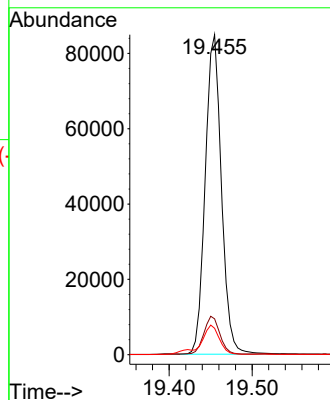
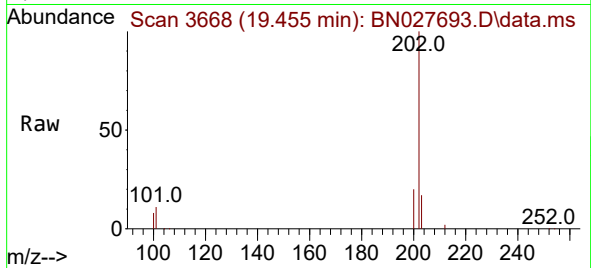




#19
Fluoranthene
Concen: 1.469 ng/ul
RT: 19.455 min Scan# 3668
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

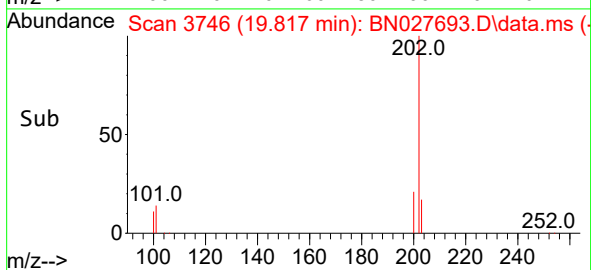
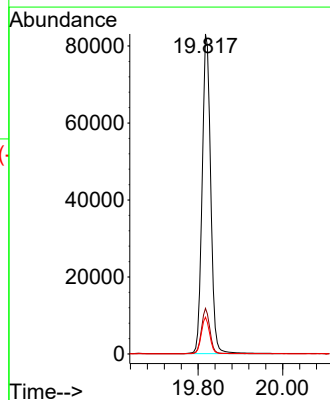
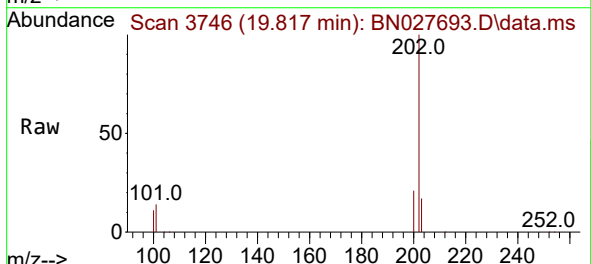
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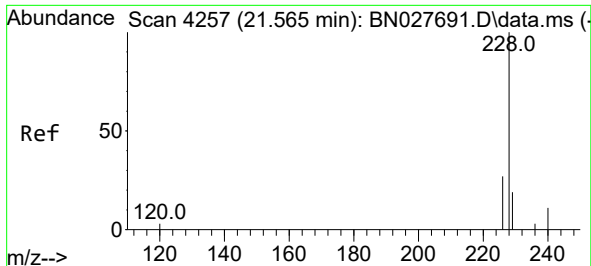
Tgt Ion:202 Resp: 115194
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 8.3 7.0 10.4



#20
Pyrene
Concen: 1.448 ng/ul
RT: 19.817 min Scan# 3746
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

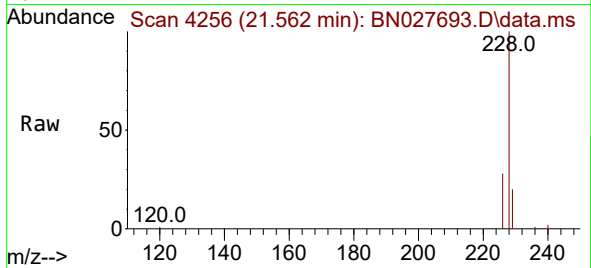
Tgt Ion:202 Resp: 115922
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.5 9.1 13.7



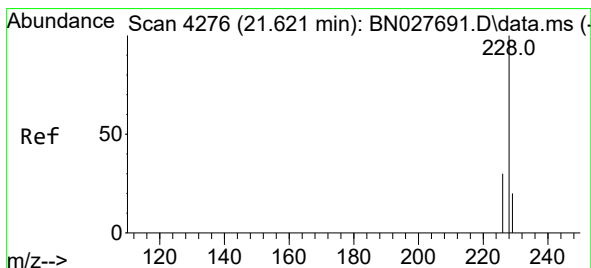
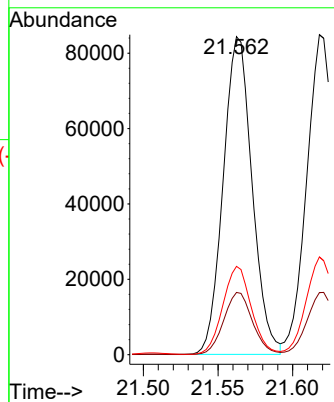
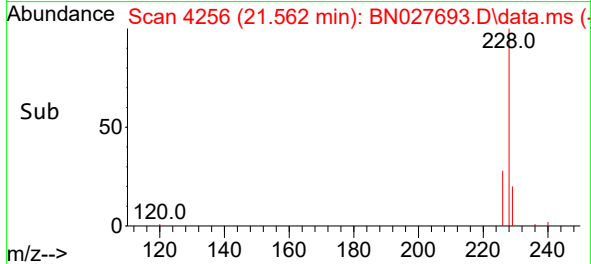


#21
Benzo(a)anthracene
Concen: 1.763 ng/ul
RT: 21.562 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

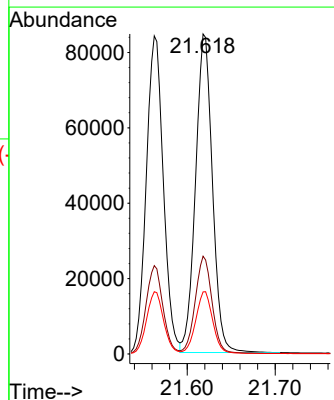
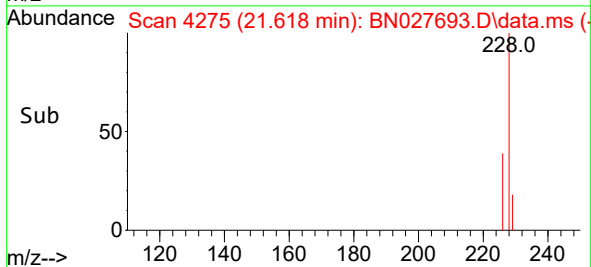
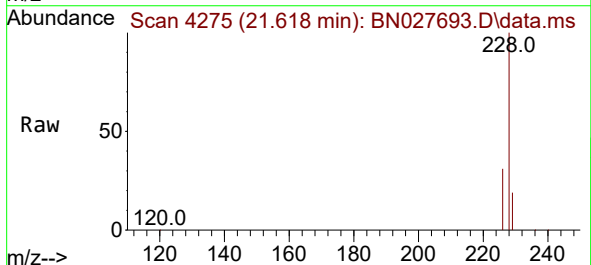


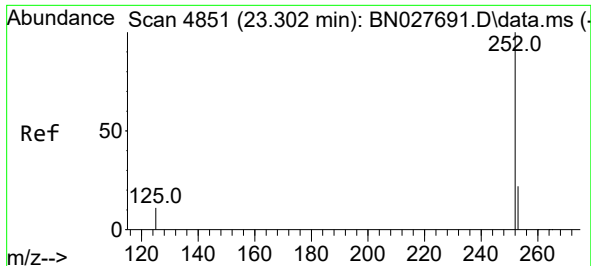
Tgt Ion:228 Resp: 113375
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.8
226 27.8 22.0 33.0



#22
Chrysene
Concen: 1.548 ng/ul
RT: 21.618 min Scan# 4275
Delta R.T. -0.003 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:228 Resp: 113116
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 19.4 16.0 24.0

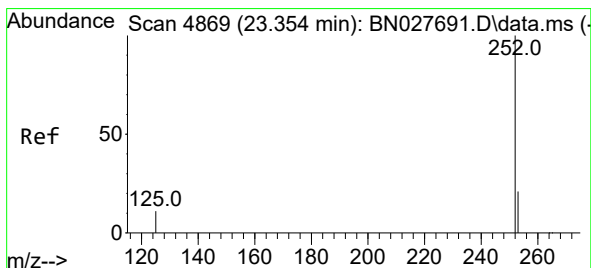
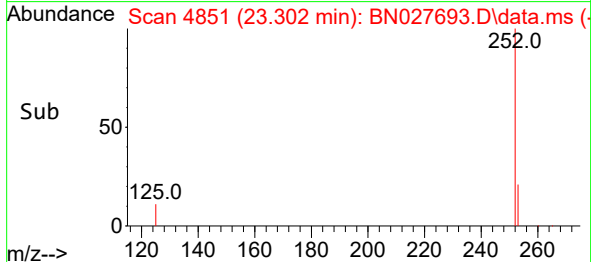
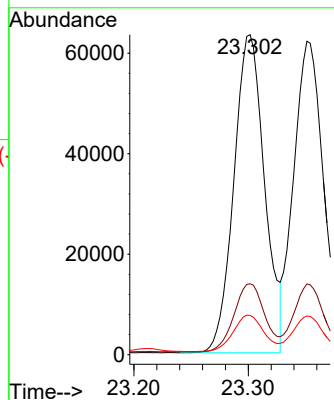
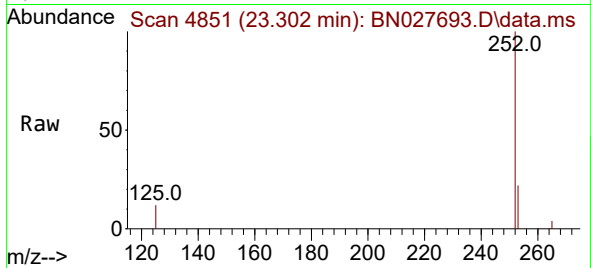




#24
Benzo(b)fluoranthene
Concen: 1.615 ng/ul
RT: 23.302 min Scan# 4851
Delta R.T. -0.000 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

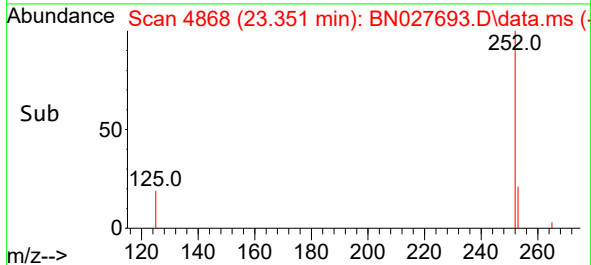
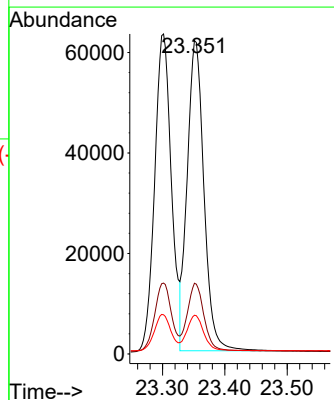
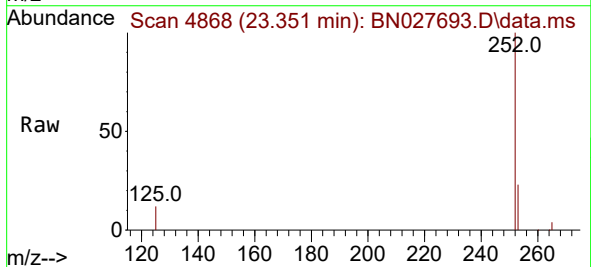
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

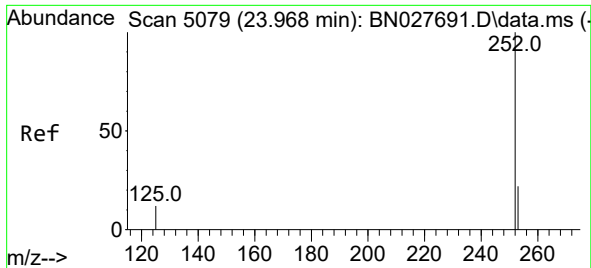
Tgt Ion:252 Resp: 118076
Ion Ratio Lower Upper
252 100
253 22.2 0.0 50.2
125 12.3 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 1.609 ng/ul
RT: 23.351 min Scan# 4868
Delta R.T. -0.003 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:252 Resp: 114985
Ion Ratio Lower Upper
252 100
253 22.6 19.9 29.9
125 12.3 12.6 19.0#

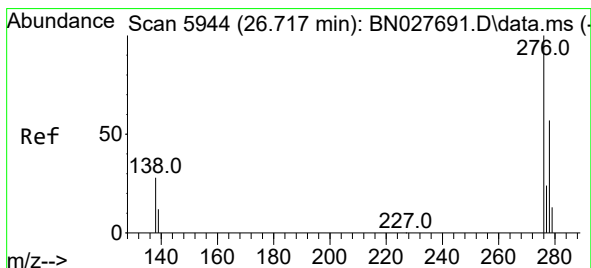
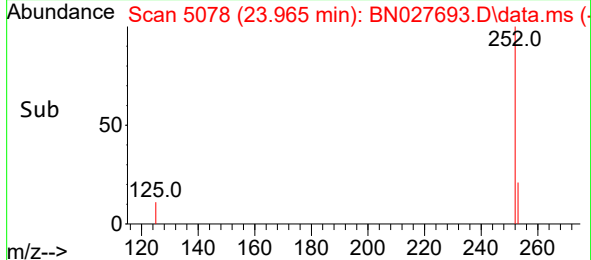
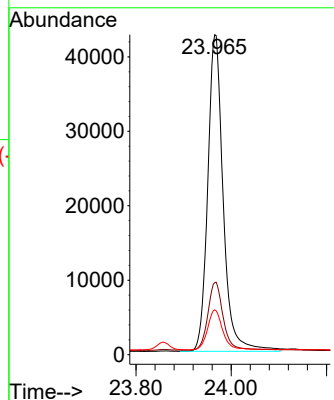
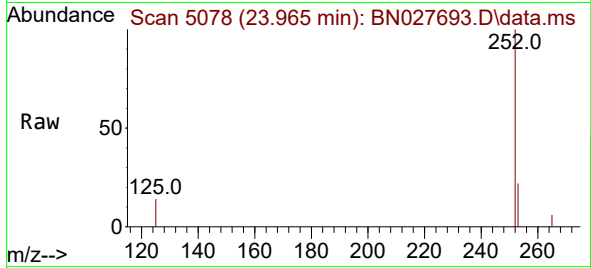




#26
Benzo(a)pyrene
Concen: 1.665 ng/ul
RT: 23.965 min Scan# 5079
Delta R.T. -0.003 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

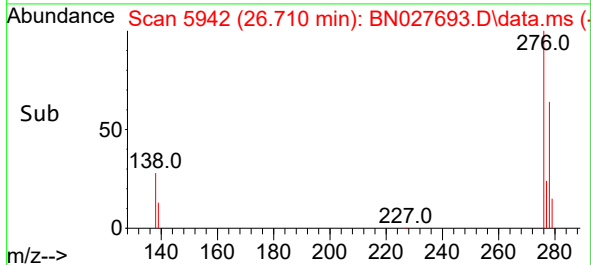
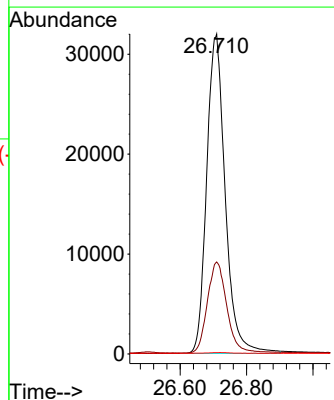
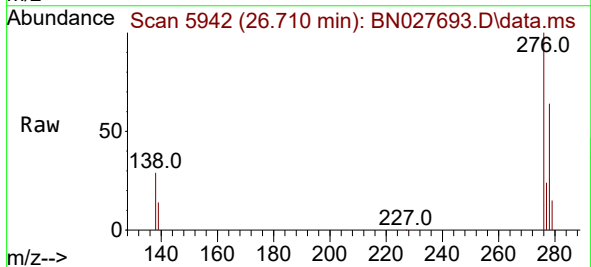
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

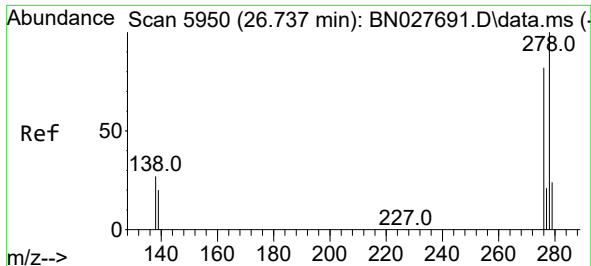
Tgt Ion:252 Resp: 95800
Ion Ratio Lower Upper
252 100
253 22.5 21.9 32.9
125 14.0 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.885 ng/ul
RT: 26.710 min Scan# 5942
Delta R.T. -0.007 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:276 Resp: 123563
Ion Ratio Lower Upper
276 100
138 30.0 24.3 36.5
227 0.2 0.0 0.0#

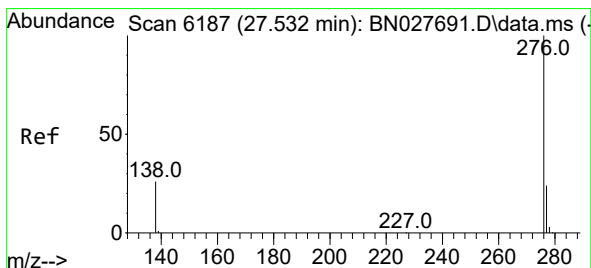
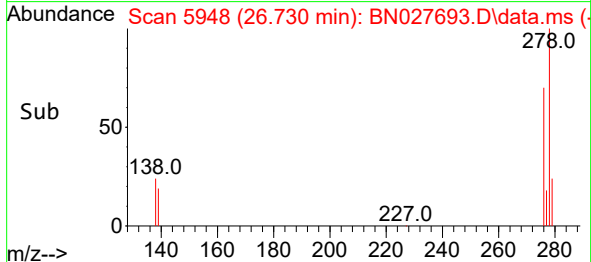
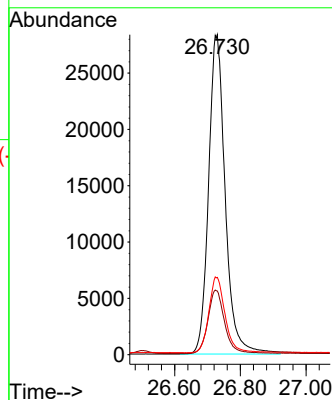
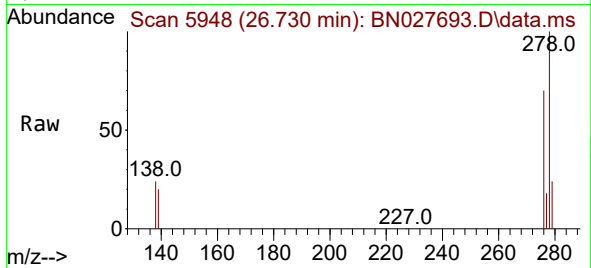




#28
Dibenzo(a,h)anthracene
Concen: 1.964 ng/ul
RT: 26.730 min Scan# 5948
Delta R.T. -0.007 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

Tgt Ion:278 Resp: 99775
Ion Ratio Lower Upper
278 100
139 19.9 17.2 25.8
279 24.2 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 1.723 ng/ul
RT: 27.525 min Scan# 6185
Delta R.T. -0.007 min
Lab File: BN027693.D
Acq: 15 Sep 2023 13:24

Tgt Ion:276 Resp: 100885
Ion Ratio Lower Upper
276 100
138 25.6 21.7 32.5
277 23.6 20.2 30.2

