

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033634.D
 Acq On : 27 Aug 2024 13:36
 Operator : MA/JU
 Sample : SSTD1.623
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6206

Quant Time: Aug 27 23:38:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:34:19 2024
 Response via : Initial Calibration

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

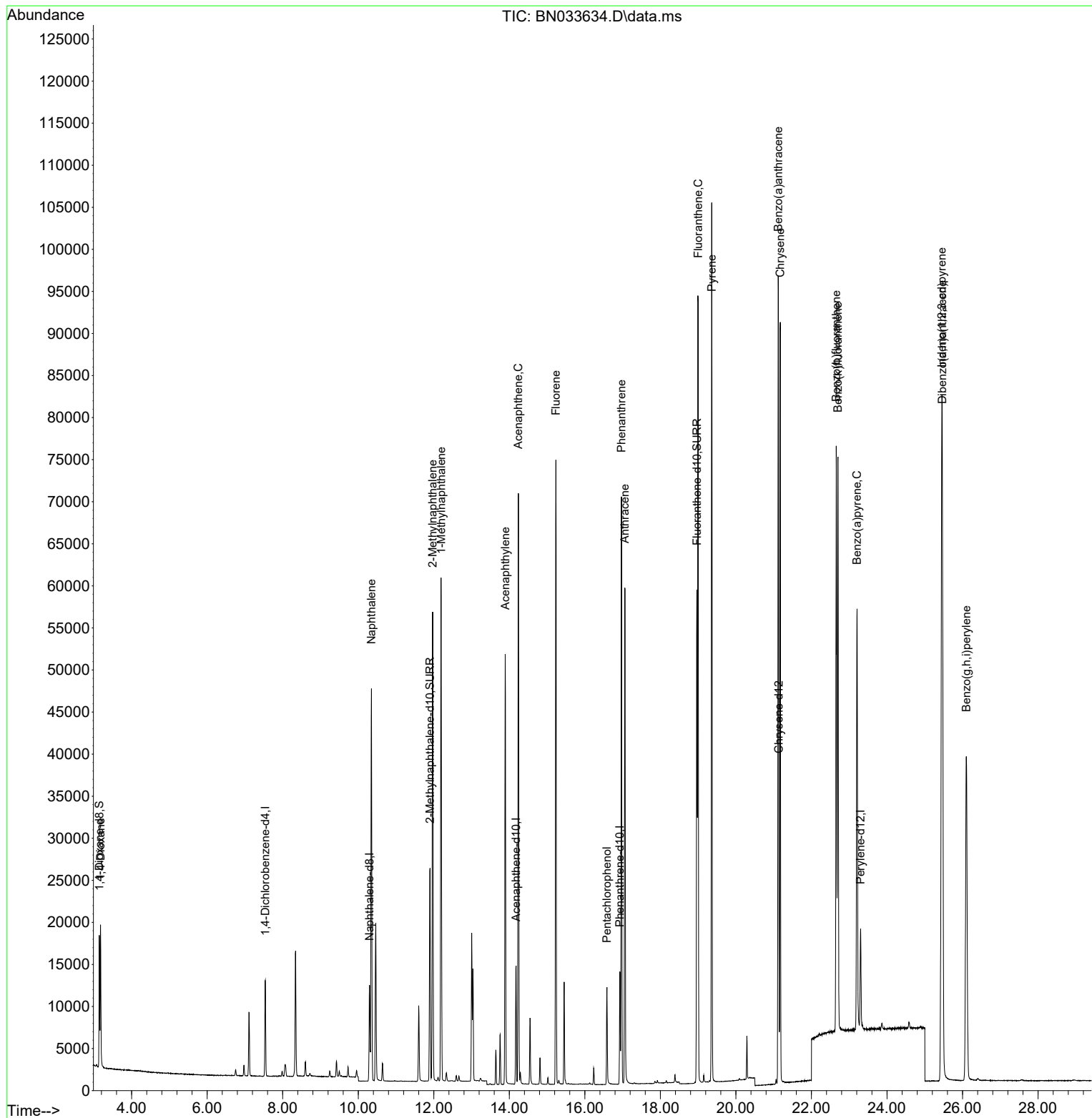
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	5423	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	14574	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.179	164	7754	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	14987	0.400	ng/ul	0.00
17) Chrysene-d12	21.136	240	12837	0.400	ng/ul	0.00
23) Perylene-d12	23.301	264	13846	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	8830	1.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	33017	1.579	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	61603	1.610	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	10021	1.620	ng/ul#	83
5) Naphthalene	10.349	128	61102	1.568	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	39032	1.581	ng/ul	99
8) 1-Methylnaphthalene	12.197	142	40003	1.575	ng/ul	100
10) Acenaphthylene	13.892	152	55739	1.583	ng/ul	99
11) Acenaphthene	14.239	153	39829	1.567	ng/ul	98
12) Fluorene	15.234	166	44941	1.582	ng/ul	99
14) Pentachlorophenol	16.585	266	7622	1.616	ng/ul	99
15) Phenanthrene	16.970	178	68968	1.560	ng/ul	99
16) Anthracene	17.058	178	64350	1.619	ng/ul	99
19) Fluoranthene	18.999	202	78894	1.558	ng/ul	98
20) Pyrene	19.361	202	82479	1.534	ng/ul	98
21) Benzo(a)anthracene	21.121	228	77727	1.538	ng/ul	99
22) Chrysene	21.174	228	75552	1.480	ng/ul	99
24) Benzo(b)fluoranthene	22.658	252	79003	1.470	ng/ul	91
25) Benzo(k)fluoranthene	22.702	252	81466	1.513	ng/ul#	91
26) Benzo(a)pyrene	23.208	252	66803	1.548	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.452	276	96112	1.482	ng/ul	99
28) Dibenzo(a,h)anthracene	25.465	278	74986	1.489	ng/ul	95
29) Benzo(g,h,i)perylene	26.102	276	74861	1.478	ng/ul	97

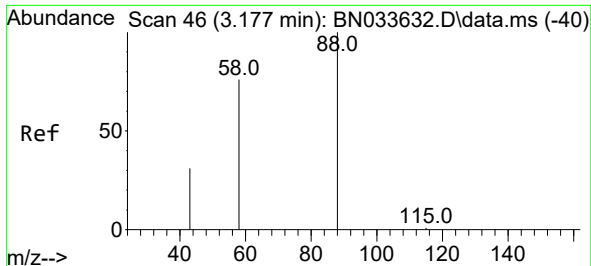
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Aug 27 23:38:03 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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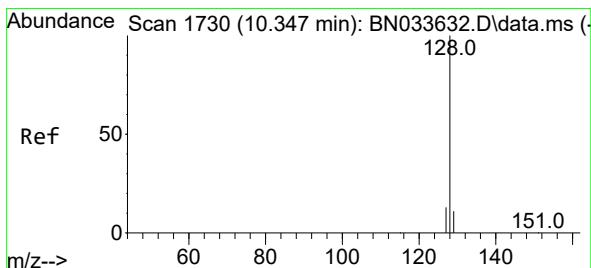
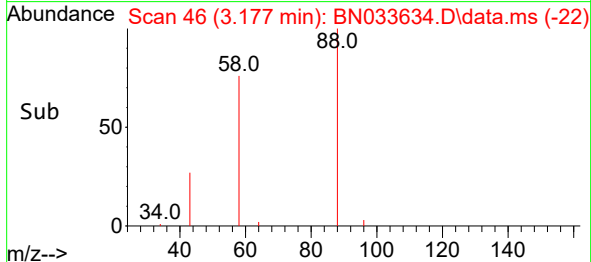
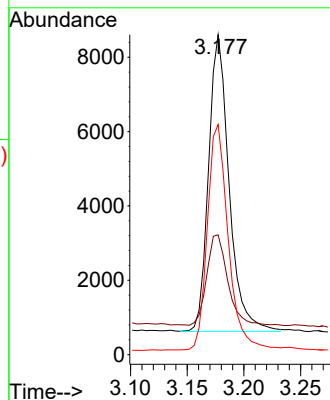
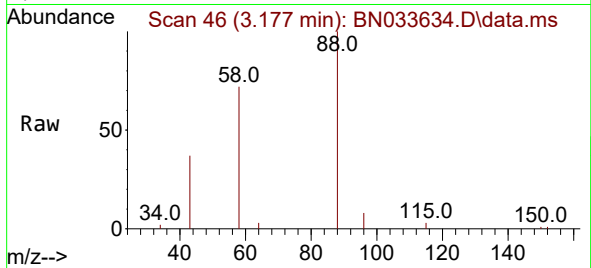




#2
1,4-Dioxane
Concen: 1.620 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. 0.000 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

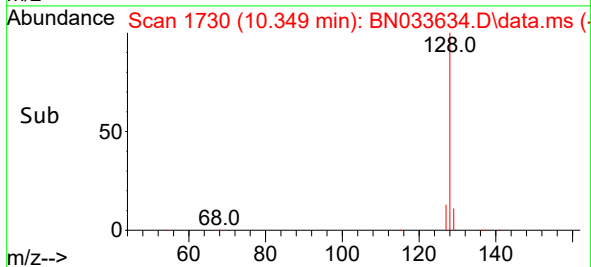
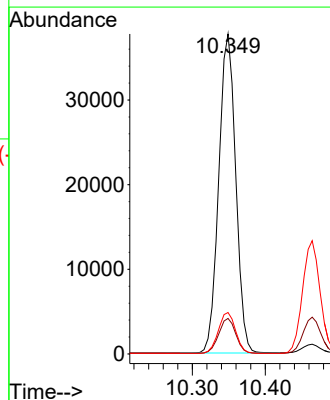
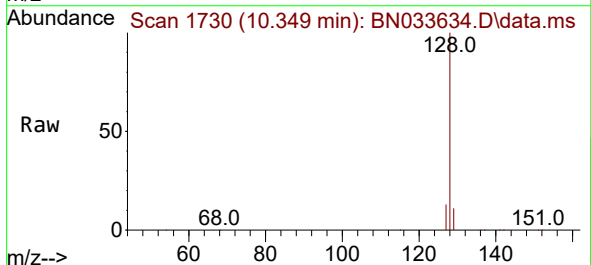
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

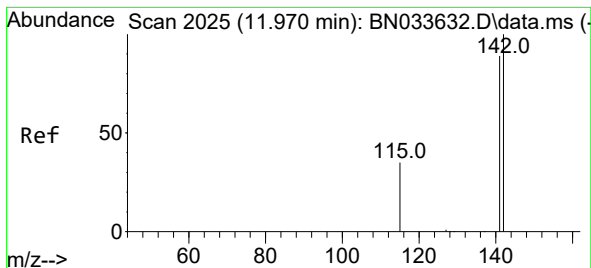
Tgt Ion: 88 Resp: 10021
Ion Ratio Lower Upper
88 100
43 37.5 47.0 70.4#
58 72.0 53.0 79.4



#5
Naphthalene
Concen: 1.568 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:128 Resp: 61102
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.9 10.8 16.2

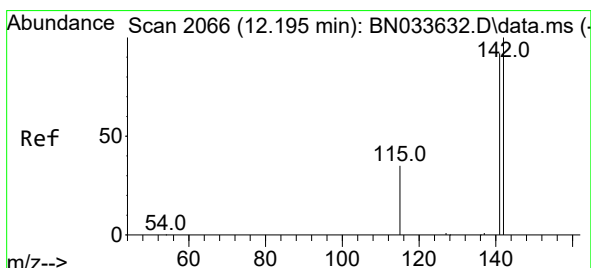
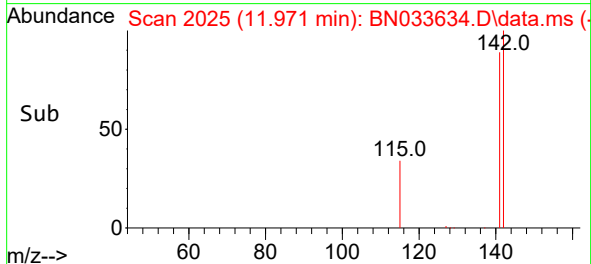
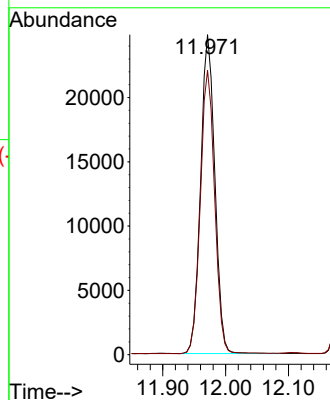
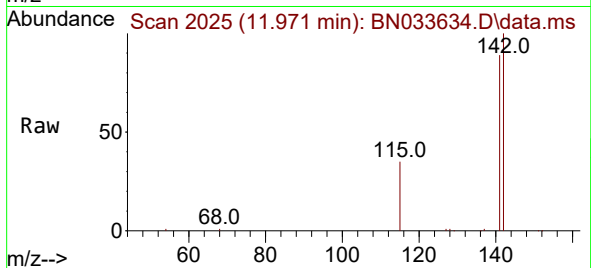




#7
2-Methylnaphthalene
Concen: 1.581 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

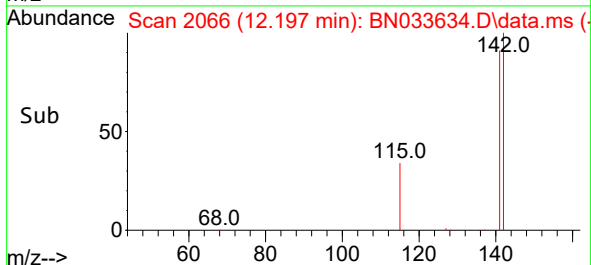
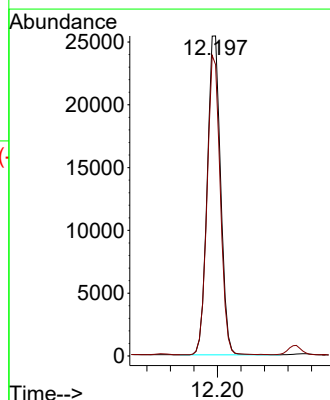
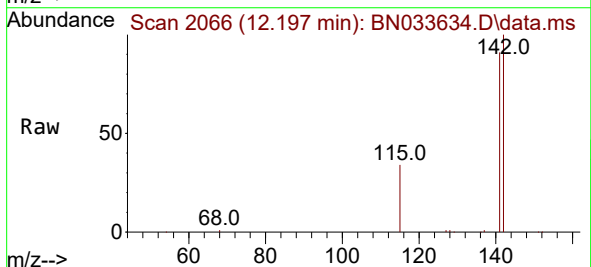
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

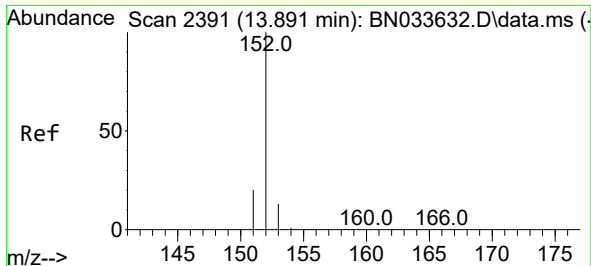
Tgt Ion:142 Resp: 39032
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 1.575 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:142 Resp: 40003
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4

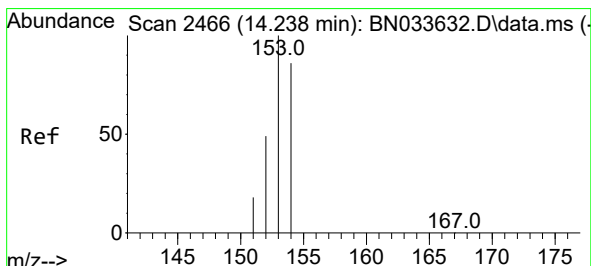
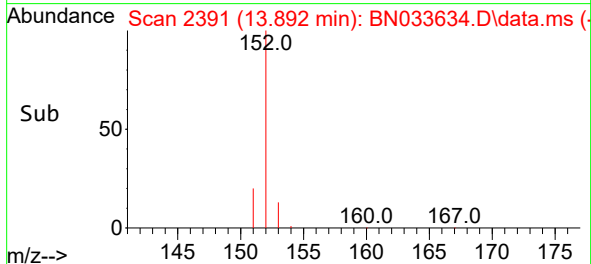
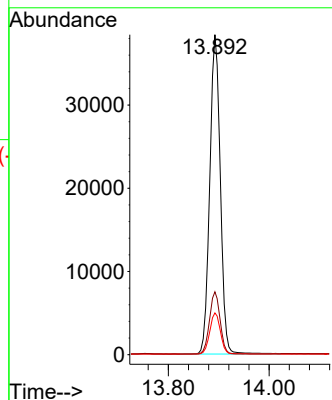
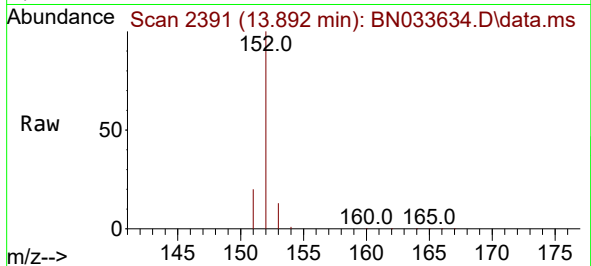




#10
Acenaphthylene
Concen: 1.583 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. 0.002 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

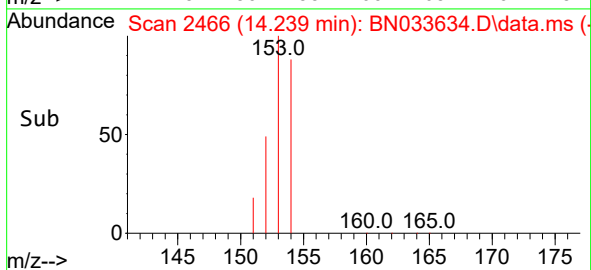
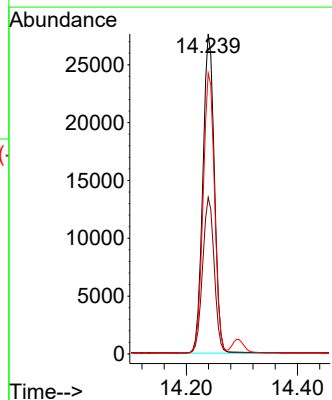
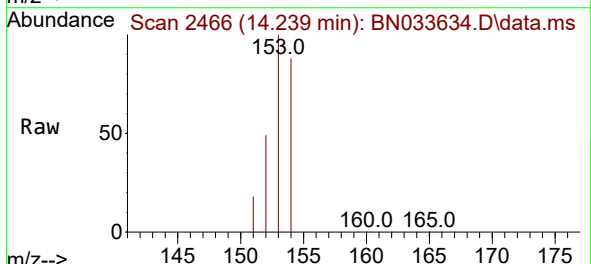
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

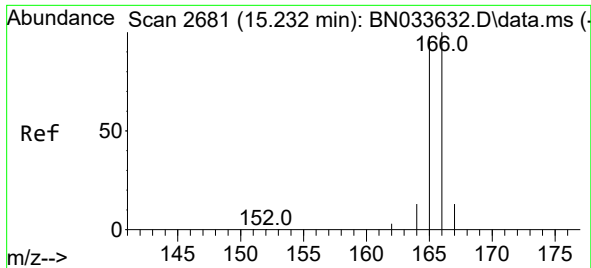
Tgt Ion:152 Resp: 55739
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.1 10.8 16.2



#11
Acenaphthene
Concen: 1.567 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:153 Resp: 39829
Ion Ratio Lower Upper
153 100
152 48.9 39.8 59.8
154 87.8 69.0 103.6

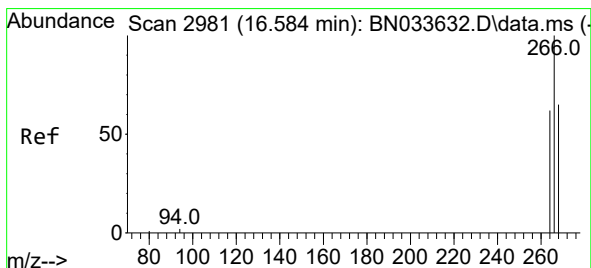
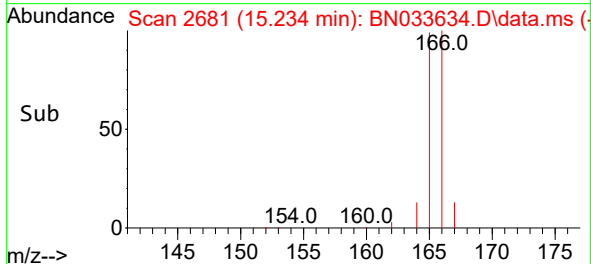
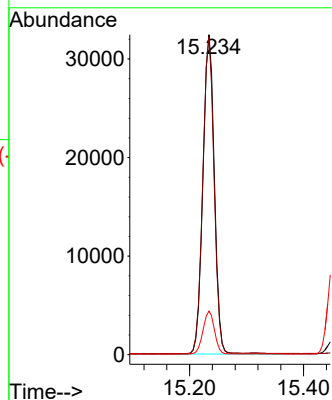
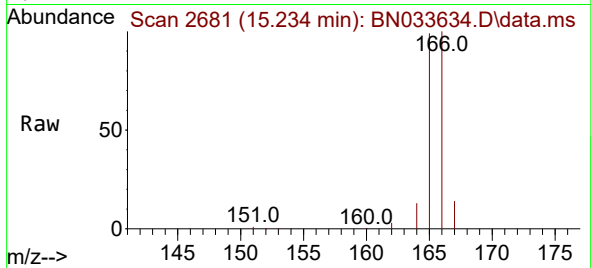




#12
Fluorene
Concen: 1.582 ng/ul
RT: 15.234 min Scan# 2068
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

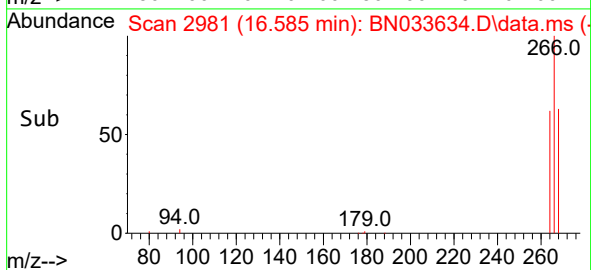
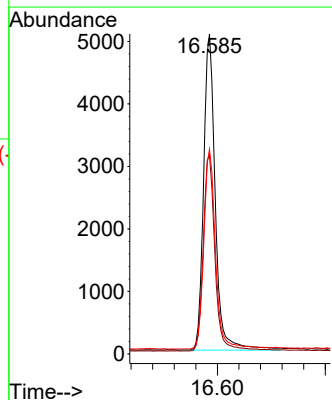
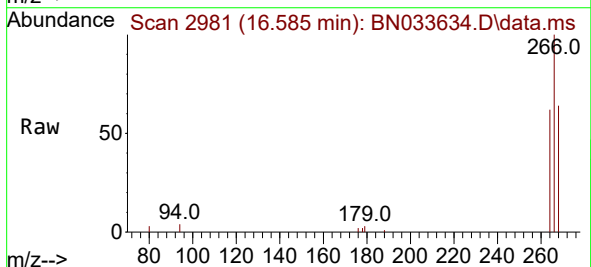
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ClientSampleId :
SSTD1.6206

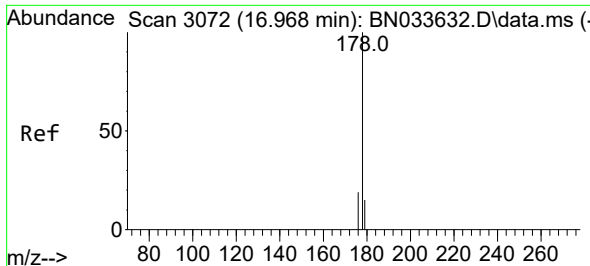
Tgt Ion:166 Resp: 44941
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.6 11.4 17.0



#14
Pentachlorophenol
Concen: 1.616 ng/ul
RT: 16.585 min Scan# 2981
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:266 Resp: 7622
Ion Ratio Lower Upper
266 100
264 62.3 50.3 75.5
268 63.6 51.7 77.5

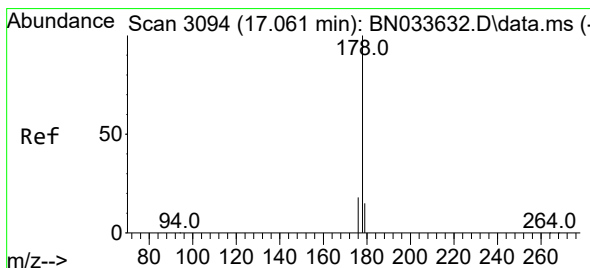
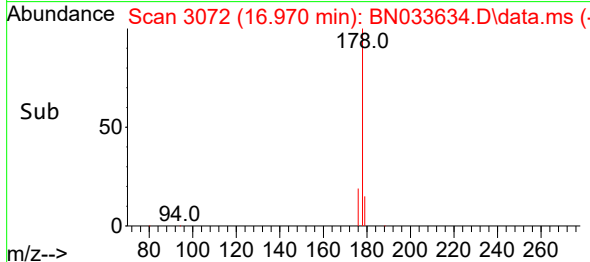
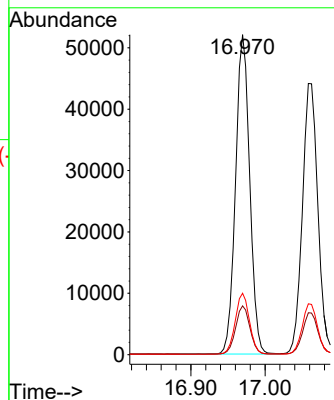
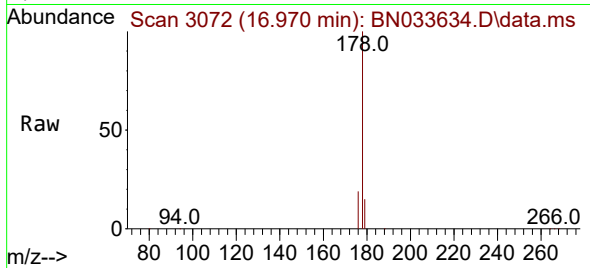




#15
Phenanthrene
Concen: 1.560 ng/ul
RT: 16.970 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

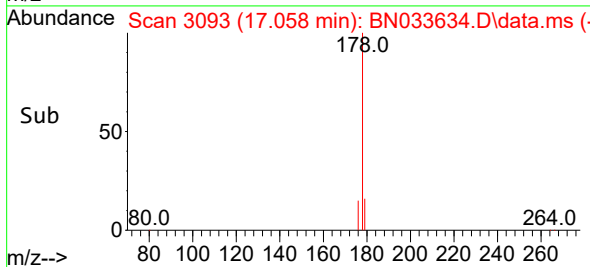
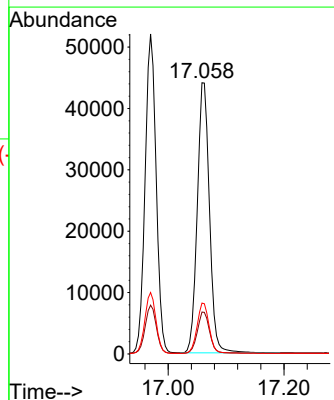
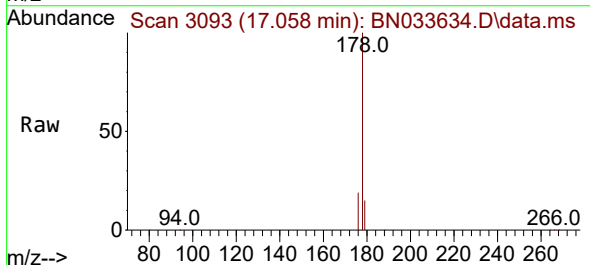
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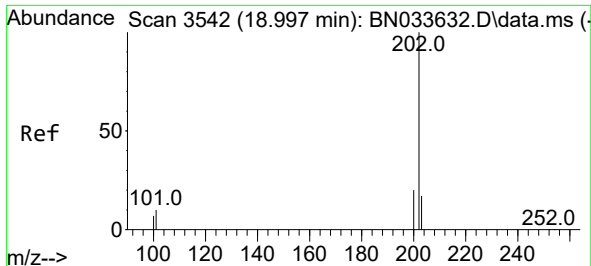
Tgt Ion:178 Resp: 68968
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 19.2 15.7 23.5



#16
Anthracene
Concen: 1.619 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:178 Resp: 64350
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 18.8 15.2 22.8

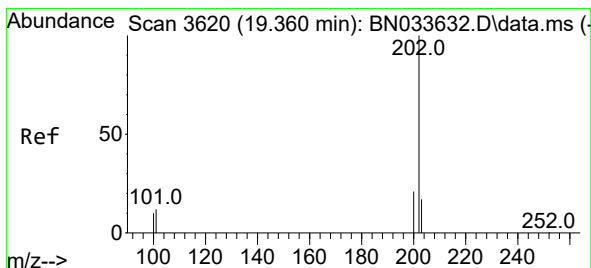
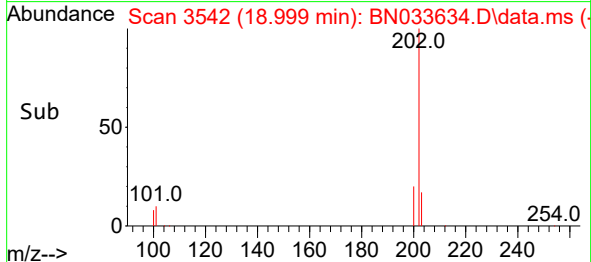
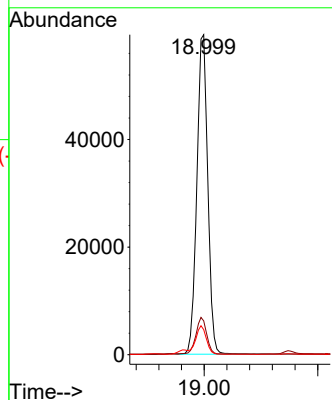
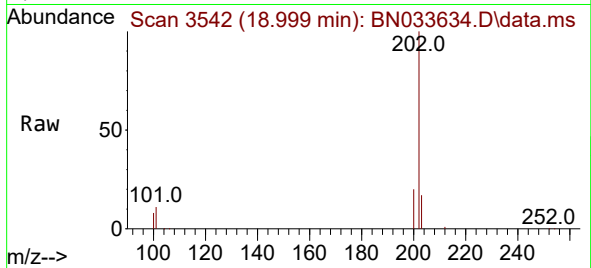




#19
Fluoranthene
Concen: 1.558 ng/ul
RT: 18.999 min Scan# 3542
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

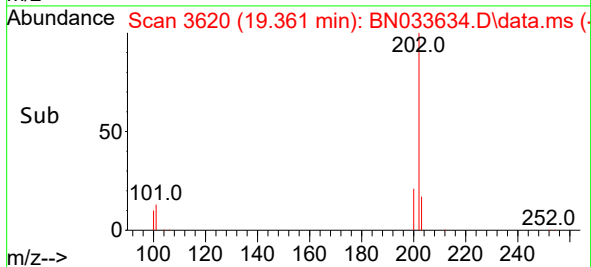
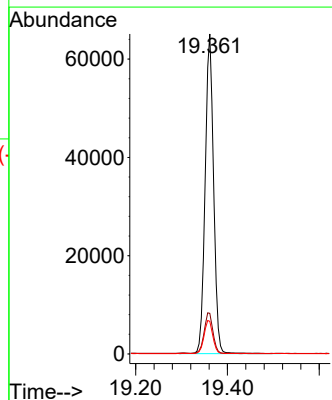
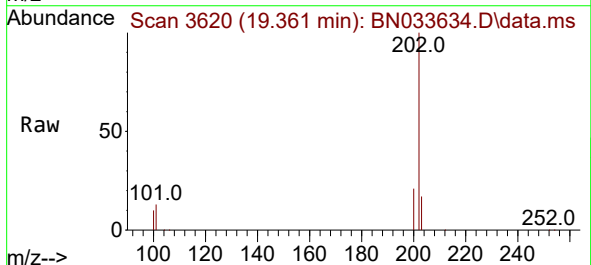
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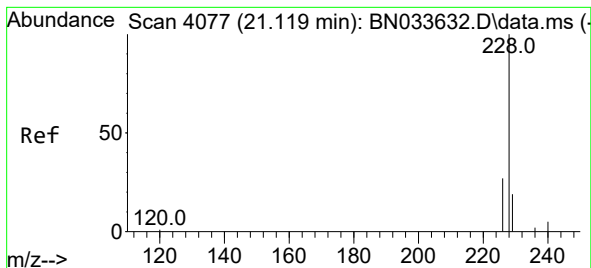
Tgt Ion:202 Resp: 78894
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.4
100 7.8 6.7 10.1



#20
Pyrene
Concen: 1.534 ng/ul
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:202 Resp: 82479
Ion Ratio Lower Upper
202 100
101 12.7 10.8 16.2
100 10.2 8.7 13.1





#21

Benzo(a)anthracene

Concen: 1.538 ng/ul

RT: 21.121 min Scan# 4077

Delta R.T. 0.002 min

Lab File: BN033634.D

Acq: 27 Aug 2024 13:36

Instrument :

BNA_N

ClientSampleId :

SSTD1.6206

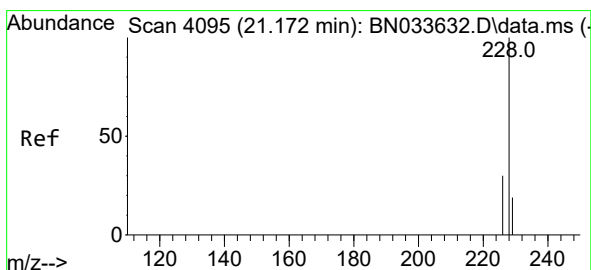
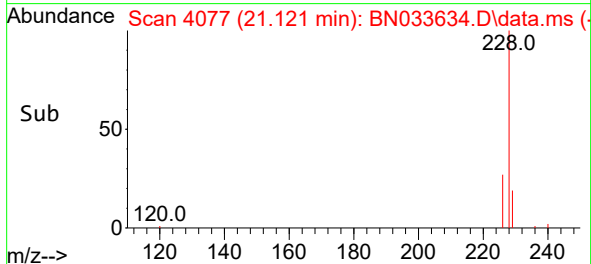
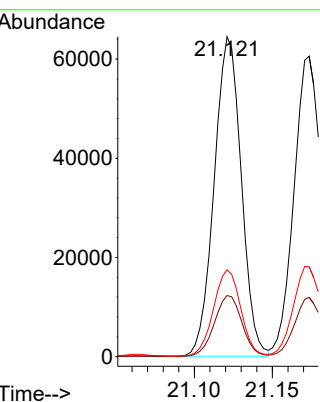
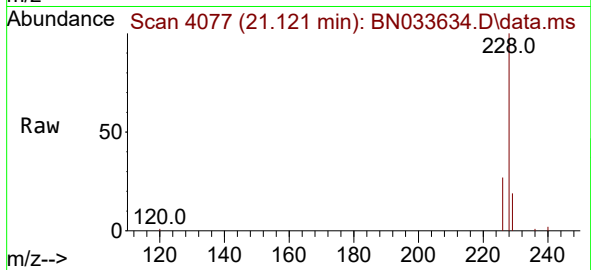
Tgt Ion:228 Resp: 77727

Ion Ratio Lower Upper

228 100

229 19.1 15.4 23.2

226 27.2 22.1 33.1



#22

Chrysene

Concen: 1.480 ng/ul

RT: 21.174 min Scan# 4095

Delta R.T. 0.001 min

Lab File: BN033634.D

Acq: 27 Aug 2024 13:36

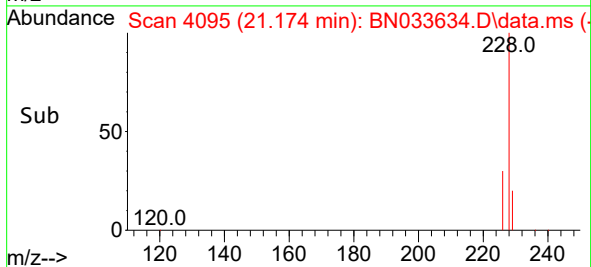
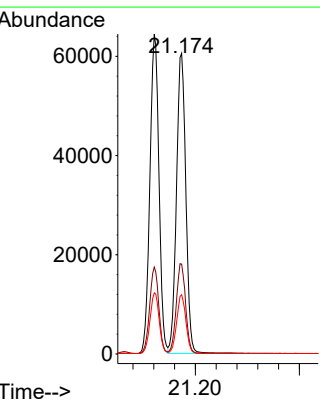
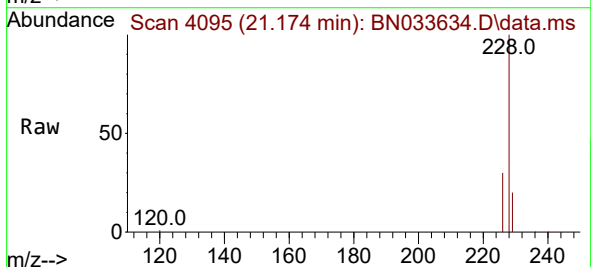
Tgt Ion:228 Resp: 75552

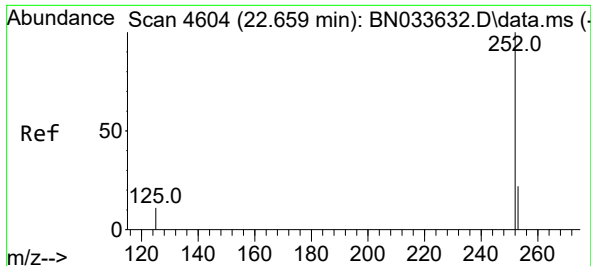
Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.7 15.6 23.4

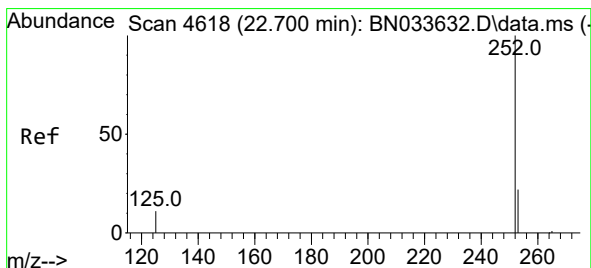
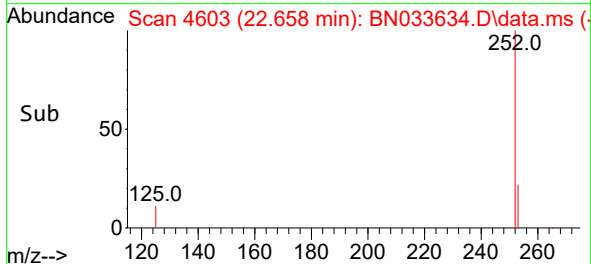
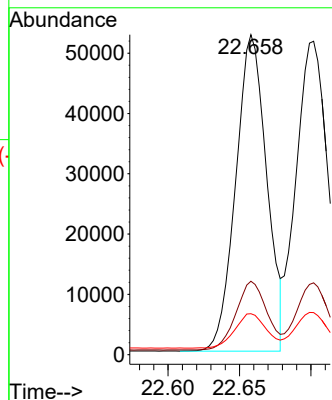
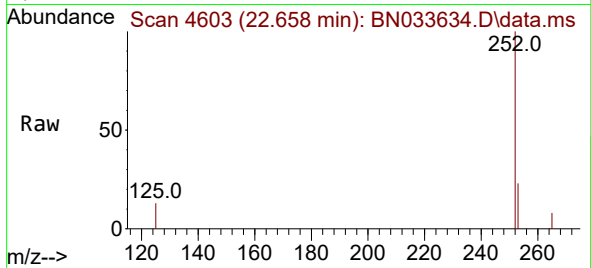




#24
Benzo(b)fluoranthene
Concen: 1.470 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. -0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

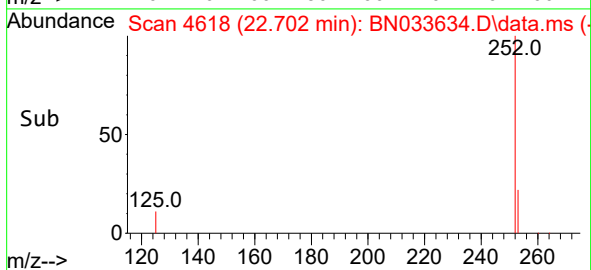
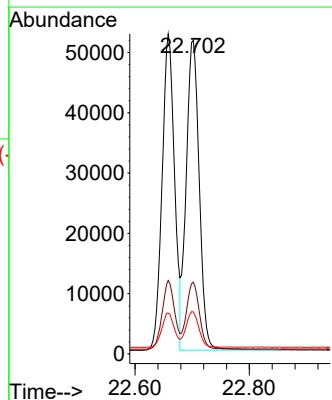
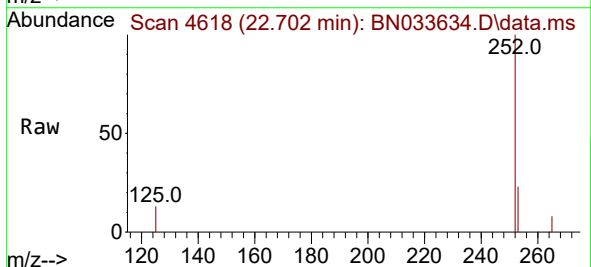
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

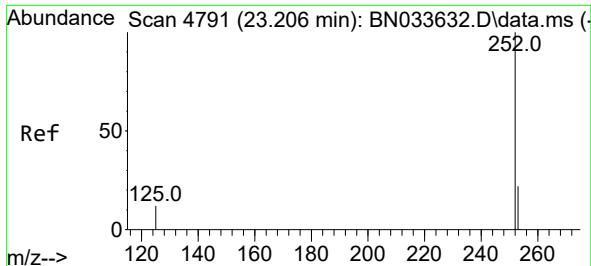
Tgt Ion:252 Resp: 79003
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 1.513 ng/ul
RT: 22.702 min Scan# 4618
Delta R.T. 0.002 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:252 Resp: 81466
Ion Ratio Lower Upper
252 100
253 22.9 21.4 32.0
125 13.4 15.1 22.7#

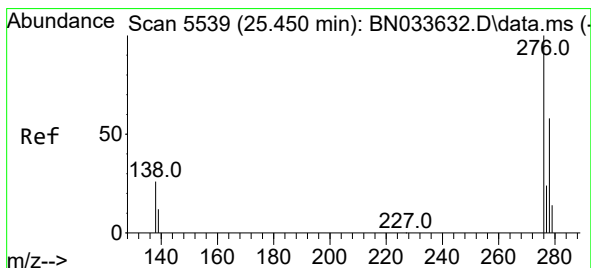
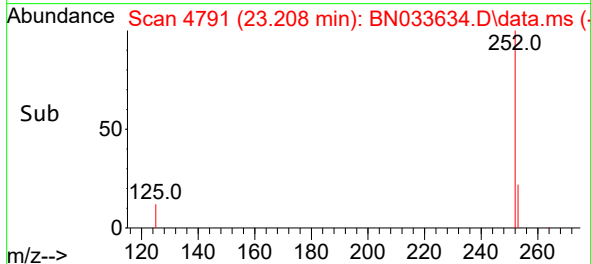
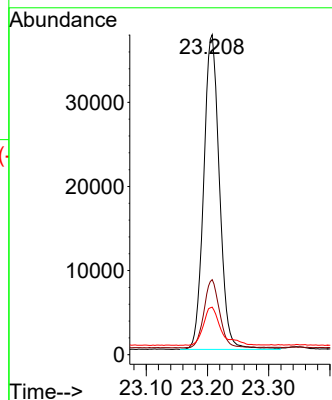
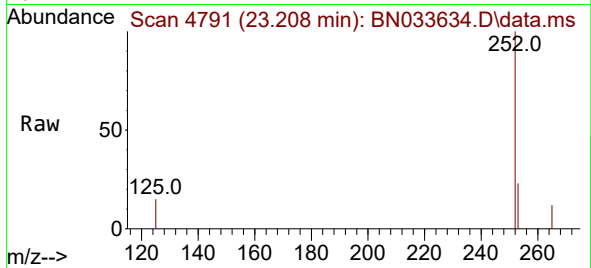




#26
Benzo(a)pyrene
Concen: 1.548 ng/ul
RT: 23.208 min Scan# 4791
Delta R.T. 0.002 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

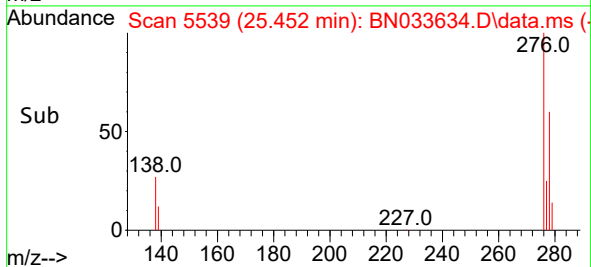
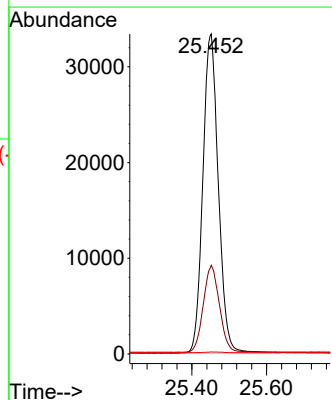
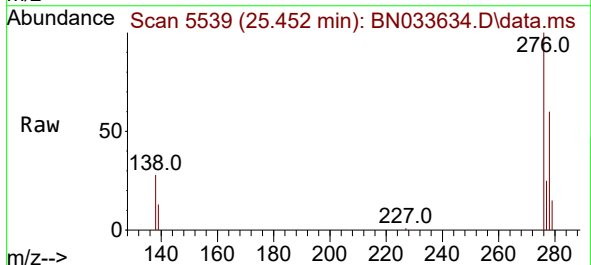
Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

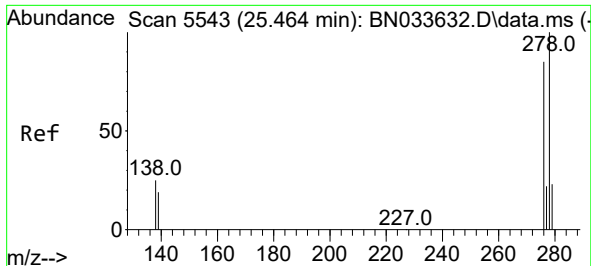
Tgt Ion:252 Resp: 66803
Ion Ratio Lower Upper
252 100
253 23.4 22.8 34.2
125 14.9 18.0 27.0#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.482 ng/ul
RT: 25.452 min Scan# 5539
Delta R.T. 0.001 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:276 Resp: 96112
Ion Ratio Lower Upper
276 100
138 28.3 22.3 33.5
227 0.3 0.2 0.4



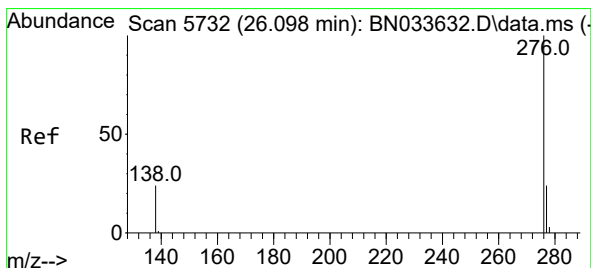
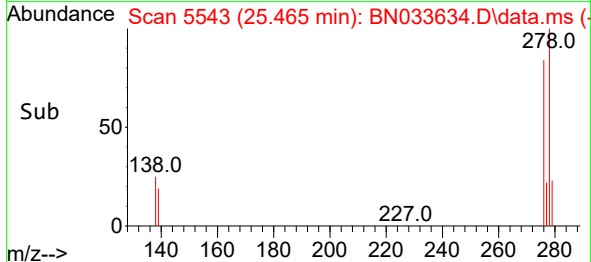
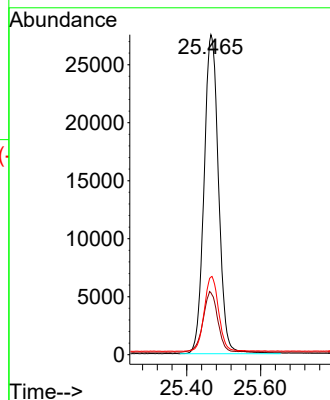
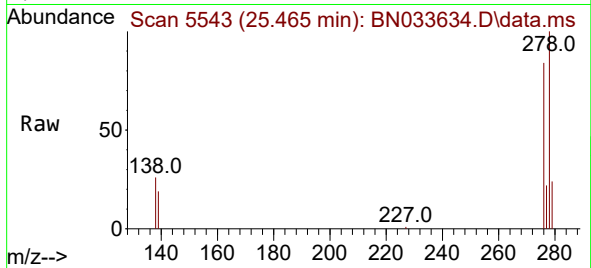


#28
Dibenzo(a,h)anthracene
Concen: 1.489 ng/ul
RT: 25.465 min Scan# 51
Delta R.T. 0.002 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Instrument :
BNA_N
ClientSampleId :
SSTD1.6206

Tgt Ion:278 Resp: 74986

Ion	Ratio	Lower	Upper
278	100		
139	19.4	17.3	25.9
279	24.2	21.5	32.3



#29
Benzo(g,h,i)perylene
Concen: 1.478 ng/ul
RT: 26.102 min Scan# 5733
Delta R.T. 0.005 min
Lab File: BN033634.D
Acq: 27 Aug 2024 13:36

Tgt Ion:276 Resp: 74861

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.8	31.2
277	23.8	20.2	30.4

