

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082724\
 Data File : BN033633.D
 Acq On : 27 Aug 2024 13:00
 Operator : MA/JU
 Sample : SSTD0.822
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.8205

Quant Time: Aug 27 23:37:51 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)

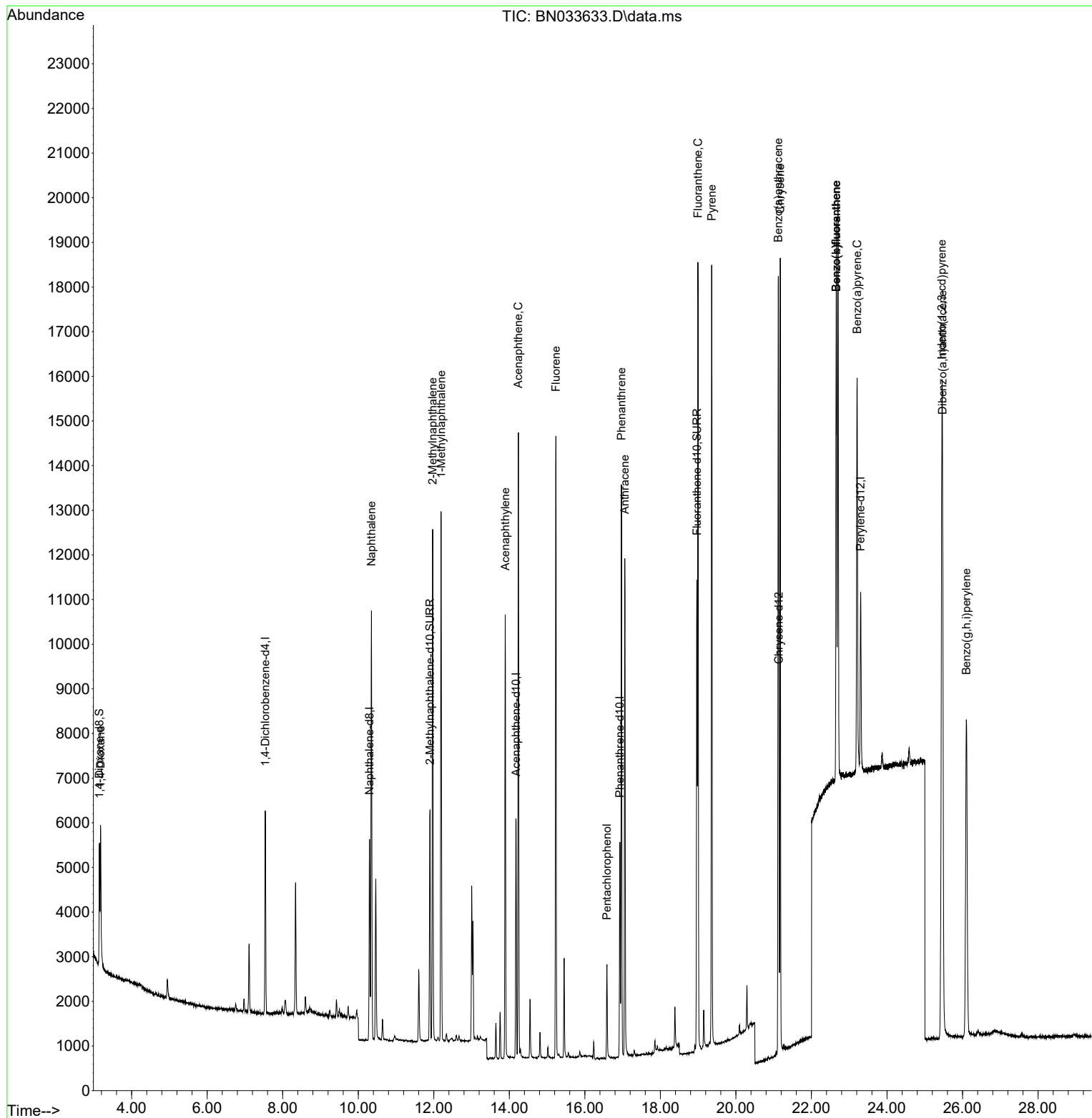
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	2231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	5756	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.179	164	2934	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	5473	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.138	240	4755	0.400	ng/ul	# 0.00
23) Perylene-d12	23.301	264	4878	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	1866	0.814	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	6636	0.804	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	11388	0.803	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	2036	0.800	ng/ul	93
5) Naphthalene	10.349	128	12587	0.818	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	7937	0.814	ng/ul	99
8) 1-Methylnaphthalene	12.197	142	8073	0.805	ng/ul	99
10) Acenaphthylene	13.892	152	10686	0.802	ng/ul	99
11) Acenaphthene	14.239	153	7792	0.810	ng/ul	99
12) Fluorene	15.234	166	8619	0.802	ng/ul	98
14) Pentachlorophenol	16.585	266	1334	0.775	ng/ul	97
15) Phenanthrene	16.970	178	13074	0.810	ng/ul	100
16) Anthracene	17.058	178	11847	0.816	ng/ul	100
19) Fluoranthene	18.994	202	14717	0.784	ng/ul	96
20) Pyrene	19.361	202	15561	0.781	ng/ul	100
21) Benzo(a)anthracene	21.121	228	14170	0.757	ng/ul	99
22) Chrysene	21.174	228	14263	0.754	ng/ul	100
24) Benzo(b)fluoranthene	22.658	252	15065	0.796	ng/ul	95
25) Benzo(k)fluoranthene	22.658	252	15065	0.794	ng/ul	96
26) Benzo(a)pyrene	23.210	252	12073	0.794	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.455	276	17974	0.787	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.472	278	13952	0.787	ng/ul	98
29) Benzo(g,h,i)perylene	26.102	276	14212	0.796	ng/ul	97

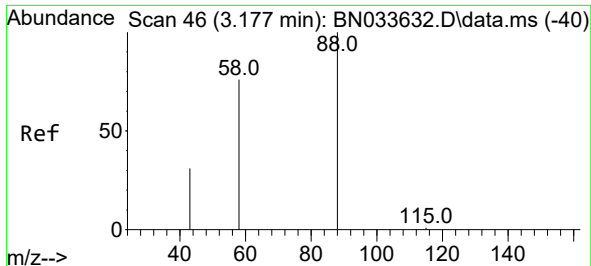
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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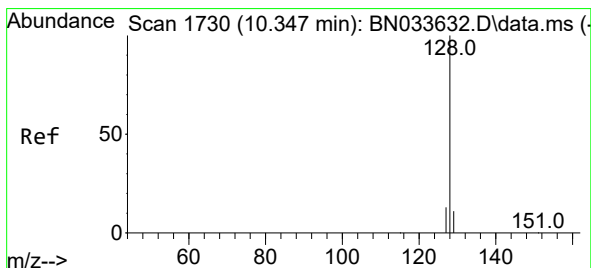
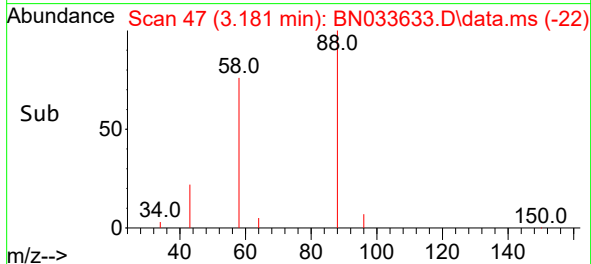
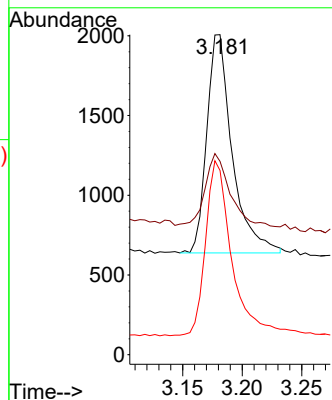
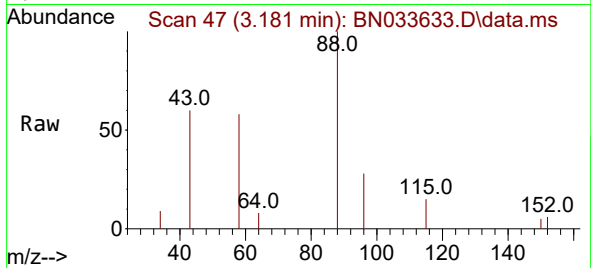




#2
1,4-Dioxane
Concen: 0.800 ng/ul
RT: 3.181 min Scan# 41
Delta R.T. 0.004 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

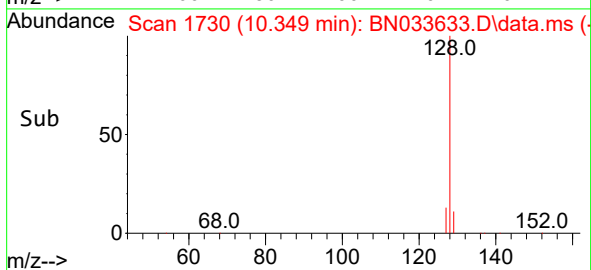
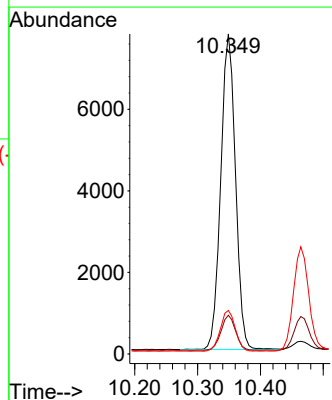
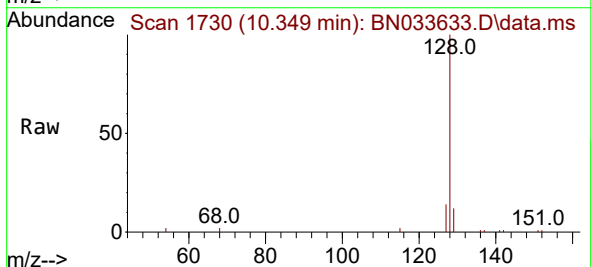
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

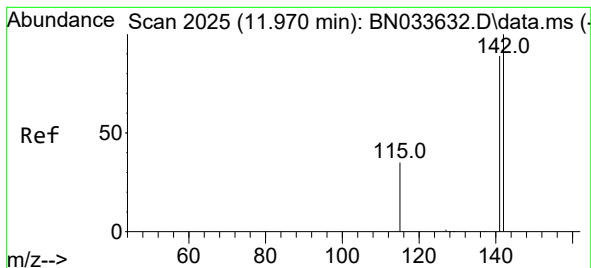
Tgt Ion: 88 Resp: 2036
Ion Ratio Lower Upper
88 100
43 60.4 47.0 70.4
58 57.5 53.0 79.4



#5
Naphthalene
Concen: 0.818 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion: 128 Resp: 12587
Ion Ratio Lower Upper
128 100
129 12.1 9.3 13.9
127 13.6 10.8 16.2

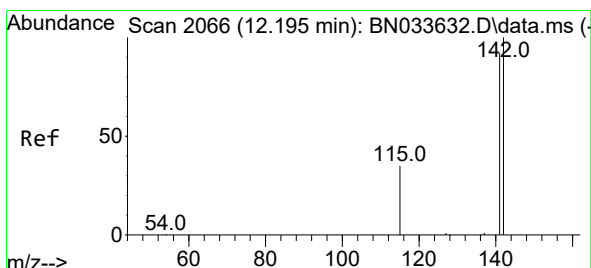
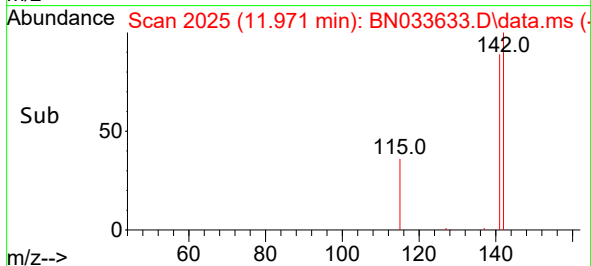
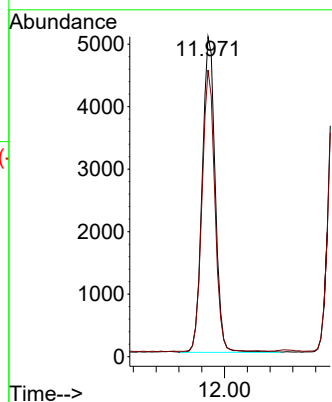
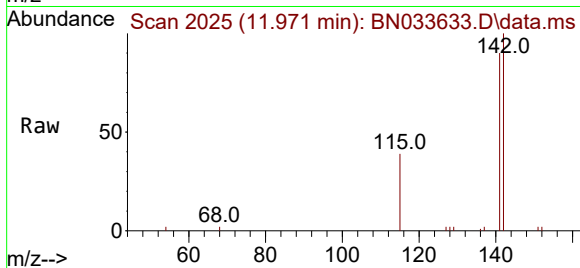




#7
2-Methylnaphthalene
Concen: 0.814 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

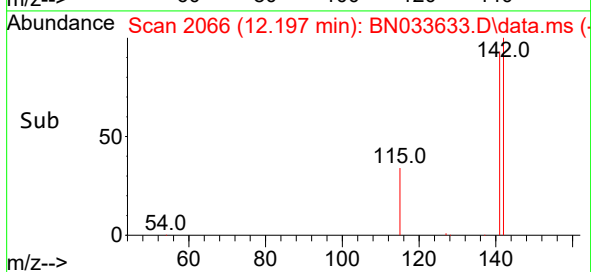
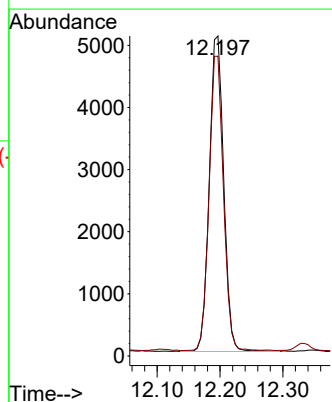
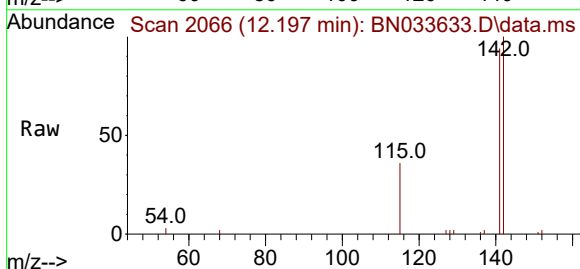
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

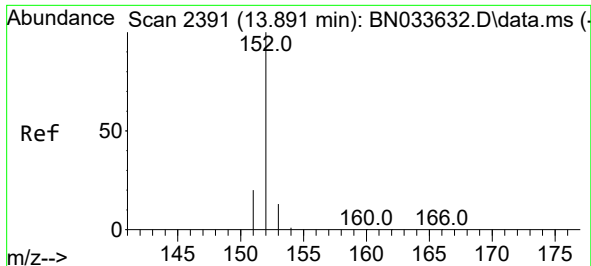
Tgt Ion:142 Resp: 7937
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.805 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:142 Resp: 8073
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4

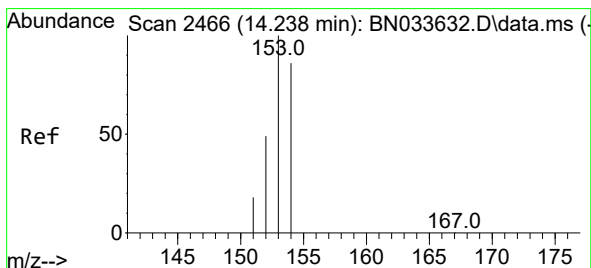
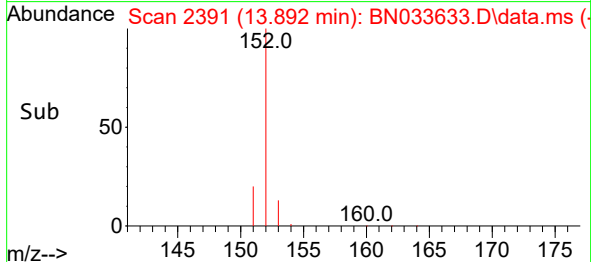
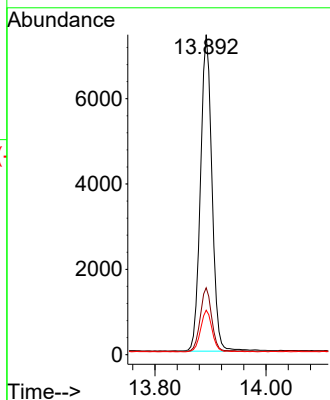
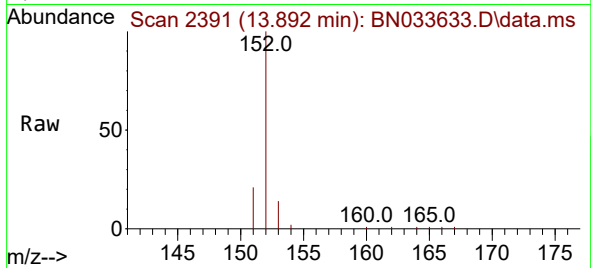




#10
Acenaphthylene
Concen: 0.802 ng/ul
RT: 13.892 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

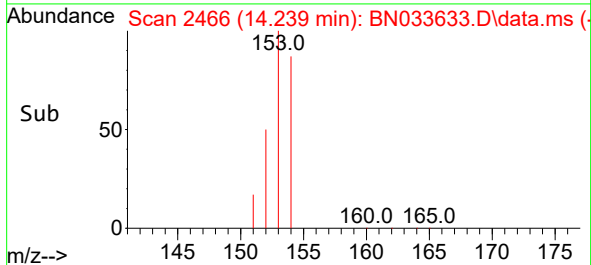
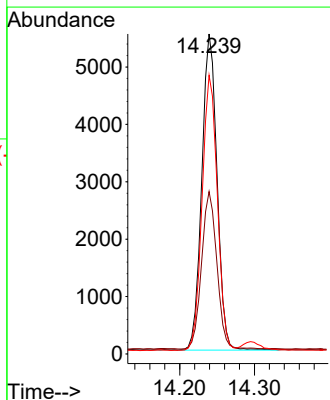
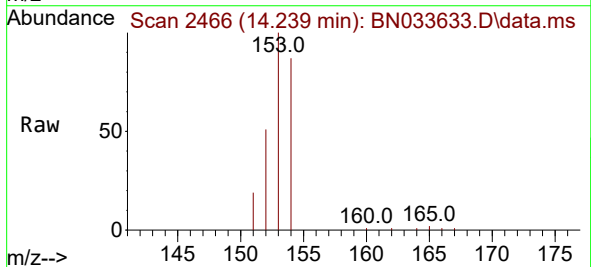
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

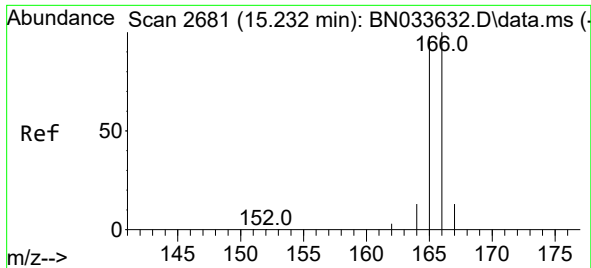
Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.4
153	13.9	10.8	16.2



#11
Acenaphthene
Concen: 0.810 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	50.8	39.8	59.8
154	87.1	69.0	103.6

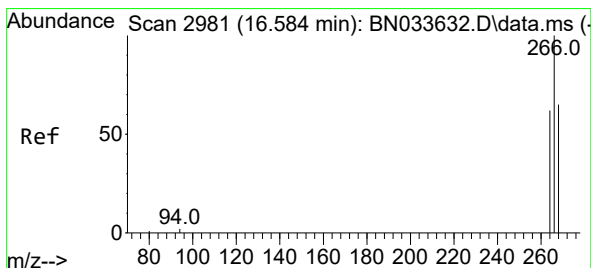
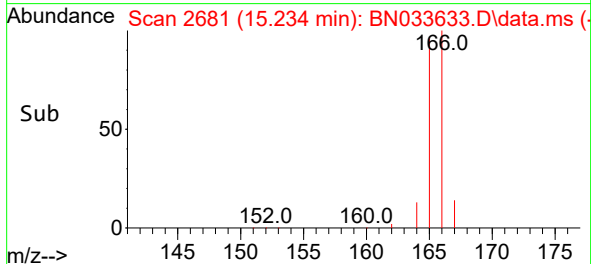
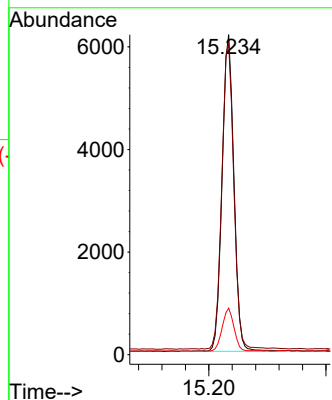
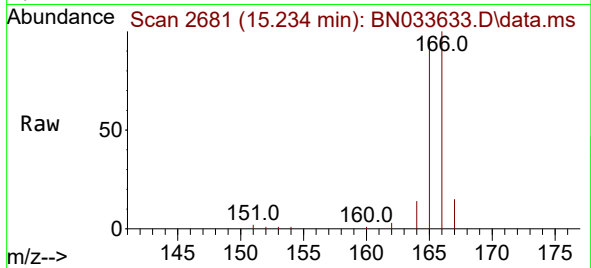




#12
Fluorene
Concen: 0.802 ng/ul
RT: 15.234 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

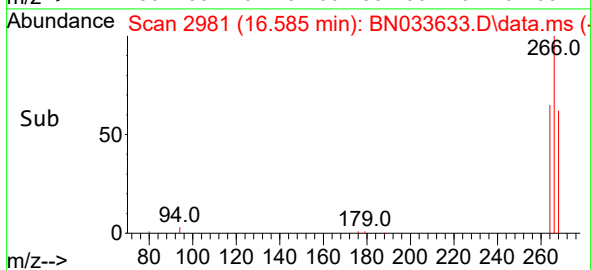
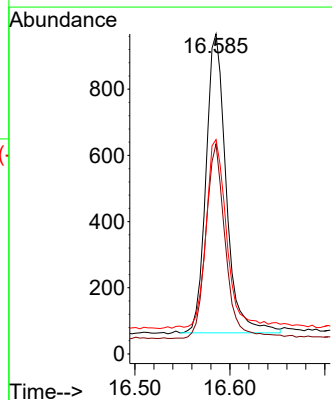
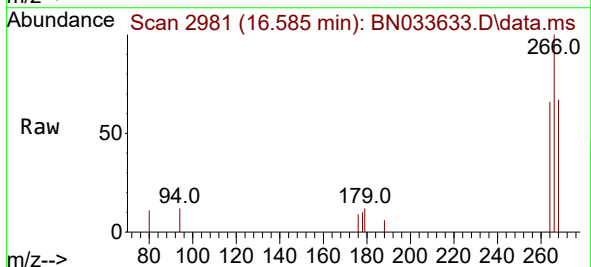
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

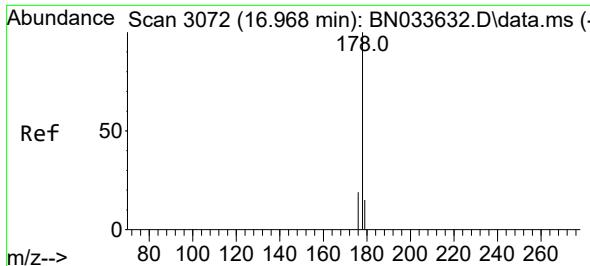
Tgt Ion:166 Resp: 8619
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 14.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.775 ng/ul
RT: 16.585 min Scan# 2981
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:266 Resp: 1334
Ion Ratio Lower Upper
266 100
264 64.7 50.3 75.5
268 67.5 51.7 77.5

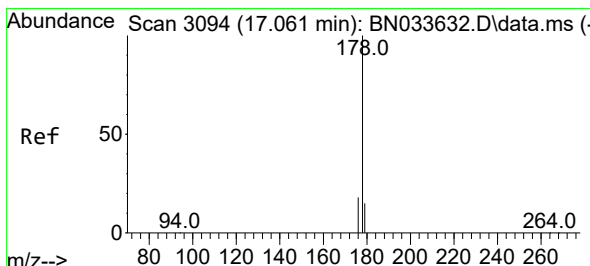
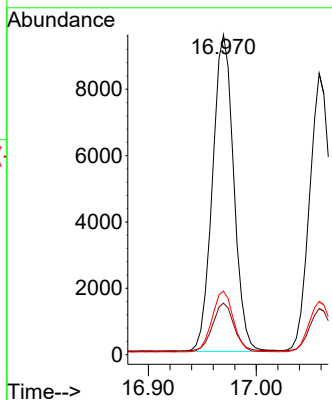
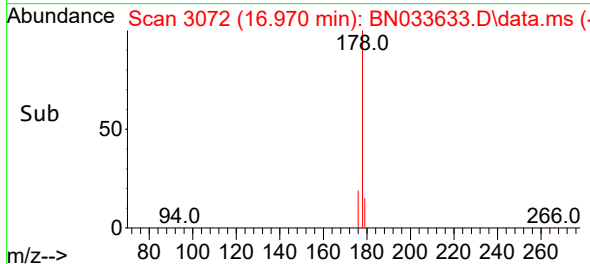
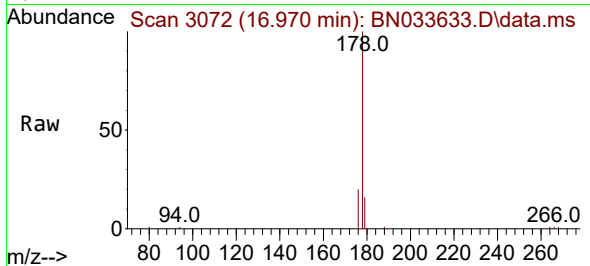




#15
Phenanthrene
Concen: 0.810 ng/ul
RT: 16.970 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

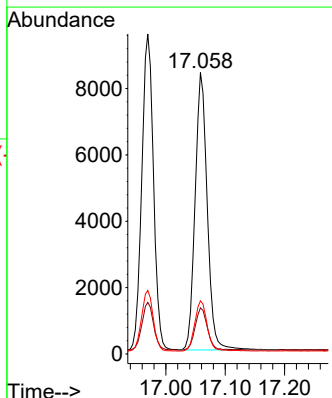
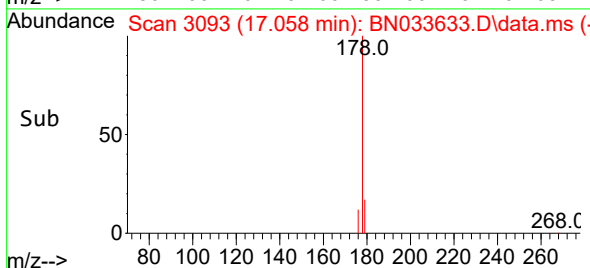
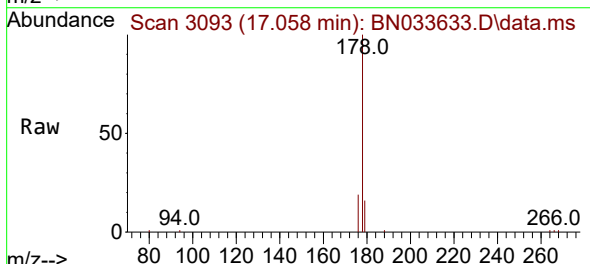
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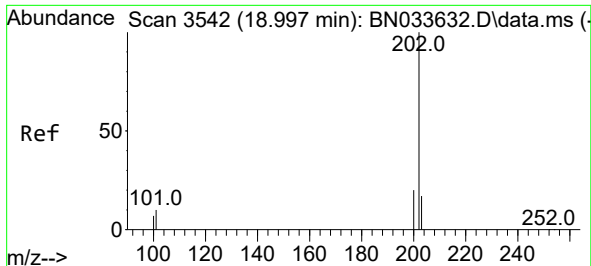
Tgt Ion:178 Resp: 13074
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.8 15.7 23.5



#16
Anthracene
Concen: 0.816 ng/ul
RT: 17.058 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:178 Resp: 11847
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 18.9 15.2 22.8

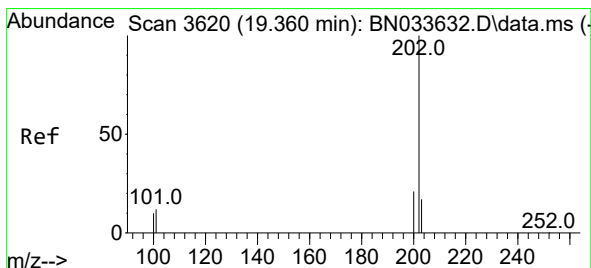
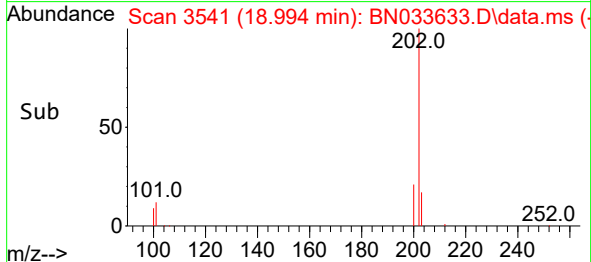
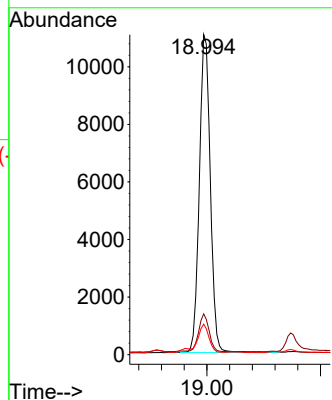
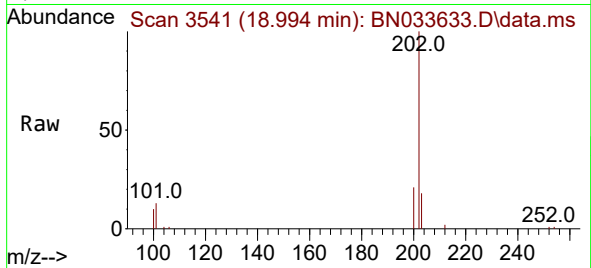




#19
Fluoranthene
Concen: 0.784 ng/ul
RT: 18.994 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

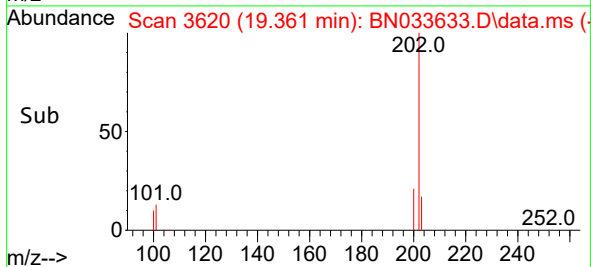
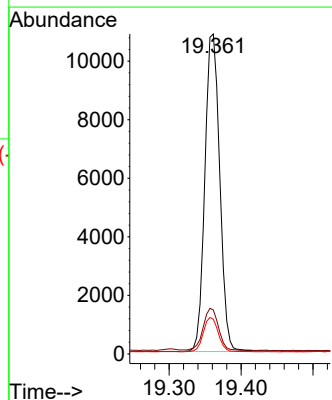
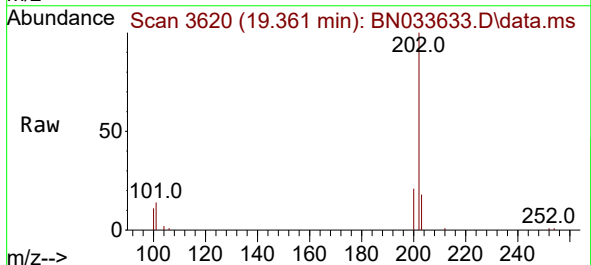
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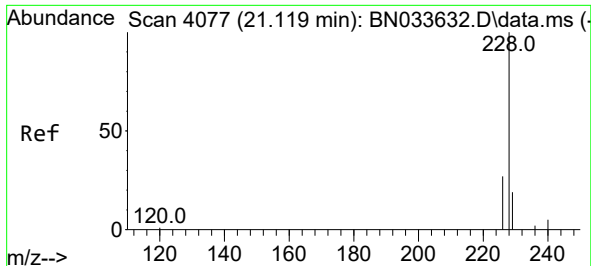
Tgt Ion:202 Resp: 14717
Ion Ratio Lower Upper
202 100
101 12.8 9.0 13.4
100 9.5 6.7 10.1



#20
Pyrene
Concen: 0.781 ng/ul
RT: 19.361 min Scan# 3620
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:202 Resp: 15561
Ion Ratio Lower Upper
202 100
101 13.7 10.8 16.2
100 10.8 8.7 13.1

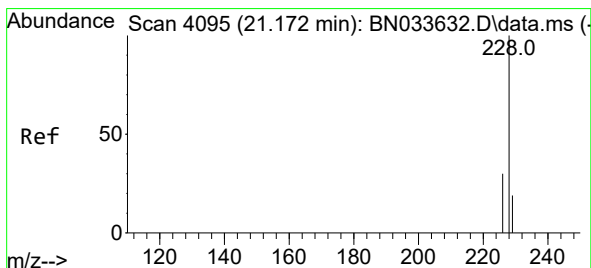
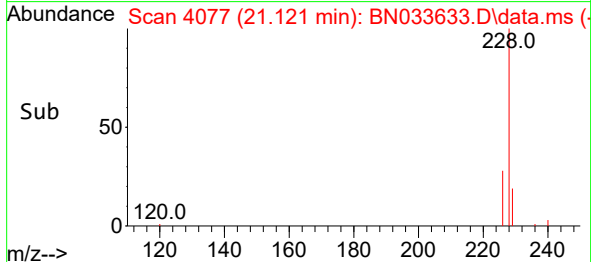
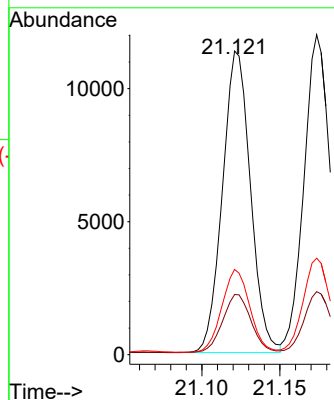
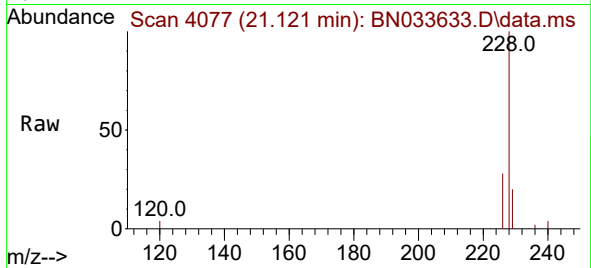




#21
Benzo(a)anthracene
Concen: 0.757 ng/ul
RT: 21.121 min Scan# 4077
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

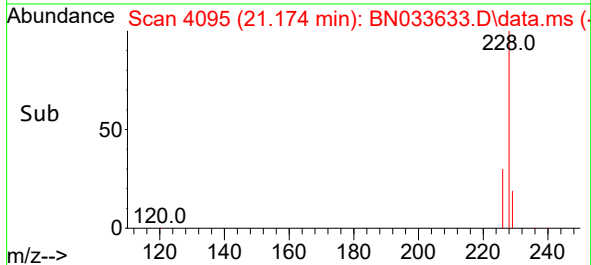
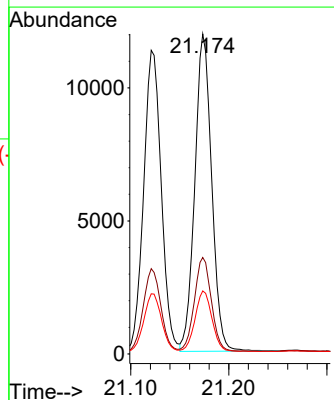
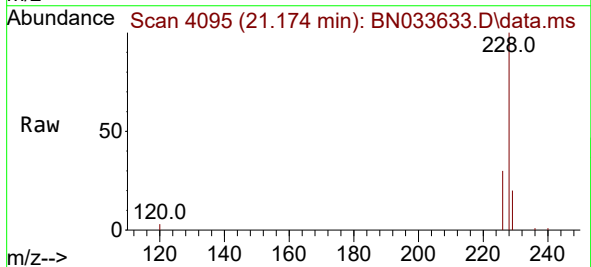
Instrument :
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SSTD0.8205

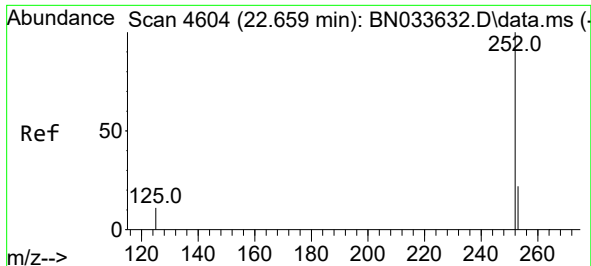
Tgt Ion:228 Resp: 14170
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.754 ng/ul
RT: 21.174 min Scan# 4095
Delta R.T. 0.001 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

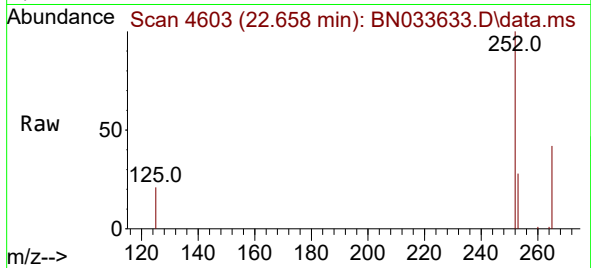
Tgt Ion:228 Resp: 14263
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.7 15.6 23.4



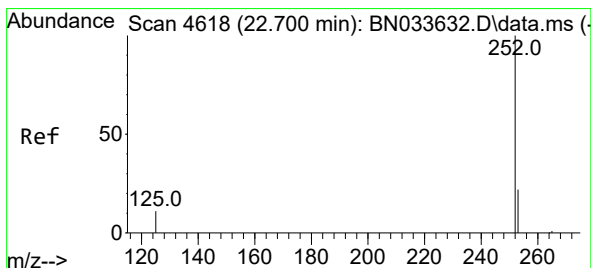
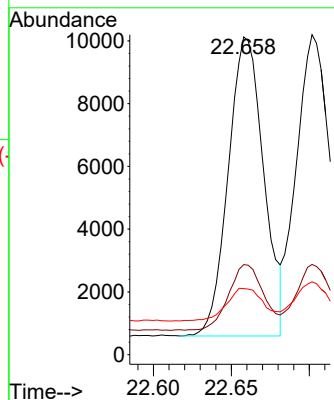


#24
Benzo(b)fluoranthene
Concen: 0.796 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. -0.002 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

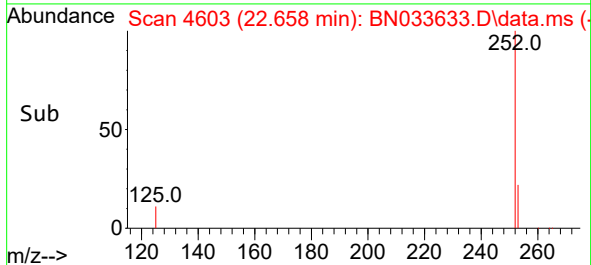
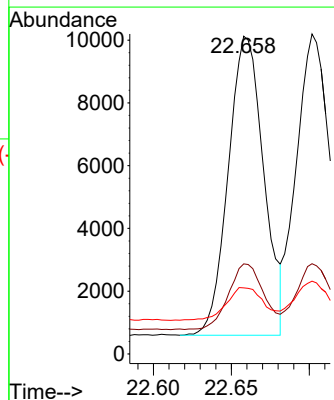
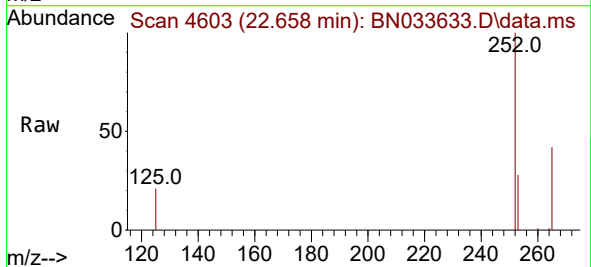


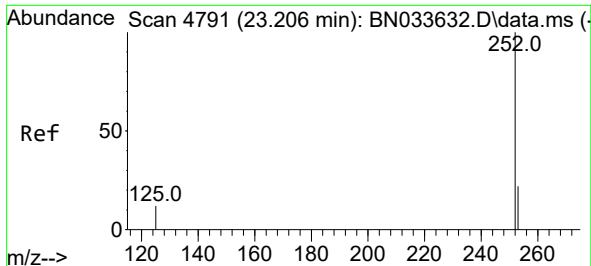
Tgt Ion:252 Resp: 15065
Ion Ratio Lower Upper
252 100
253 28.3 0.0 52.8
125 20.8 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.794 ng/ul
RT: 22.658 min Scan# 4603
Delta R.T. -0.042 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:252 Resp: 15065
Ion Ratio Lower Upper
252 100
253 28.3 21.4 32.0
125 20.8 15.1 22.7

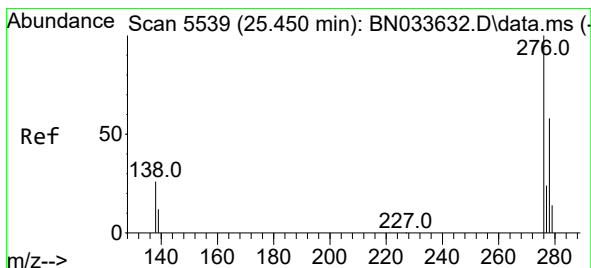
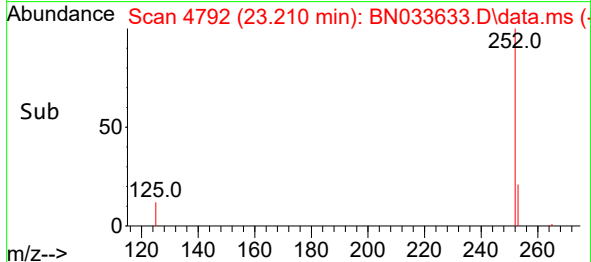
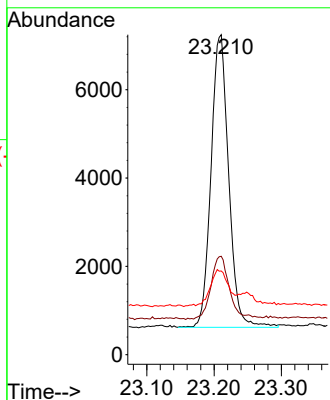
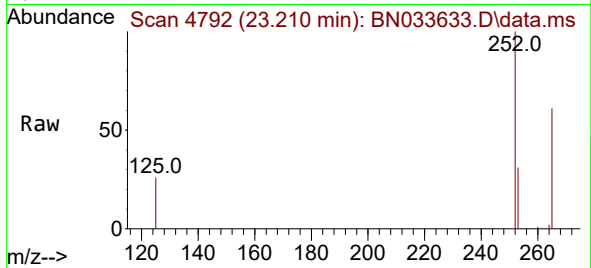




#26
Benzo(a)pyrene
Concen: 0.794 ng/ul
RT: 23.210 min Scan# 41
Delta R.T. 0.004 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

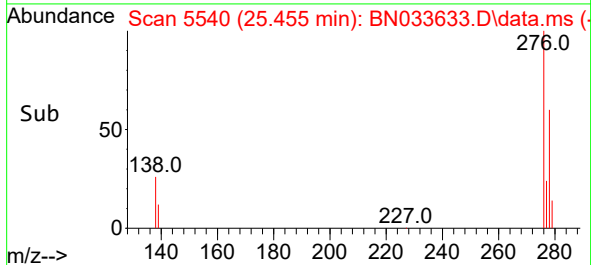
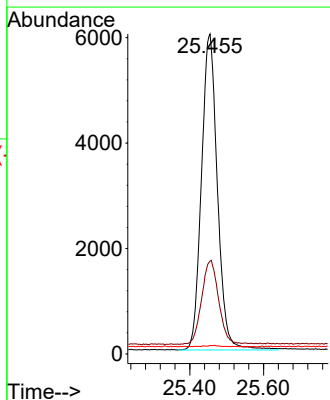
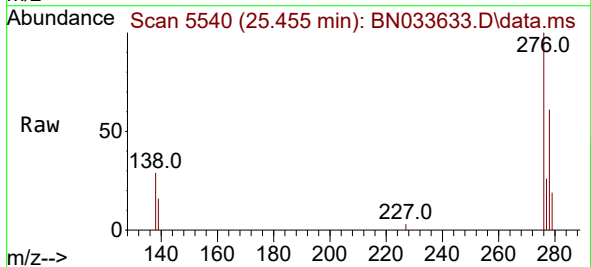
Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

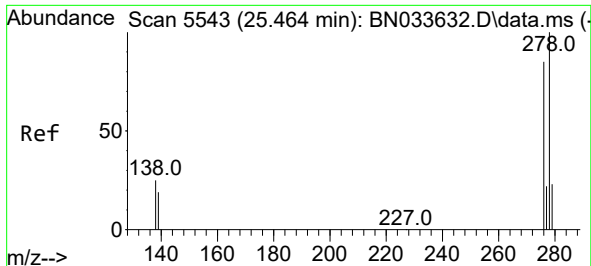
Tgt Ion:252 Resp: 12073
Ion Ratio Lower Upper
252 100
253 30.7 22.8 34.2
125 26.2 18.0 27.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.787 ng/ul
RT: 25.455 min Scan# 5540
Delta R.T. 0.005 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:276 Resp: 17974
Ion Ratio Lower Upper
276 100
138 28.3 22.3 33.5
227 0.2 0.2 0.4#

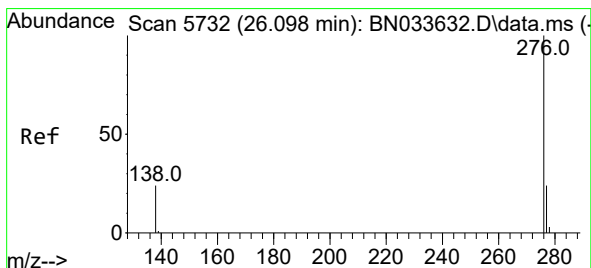
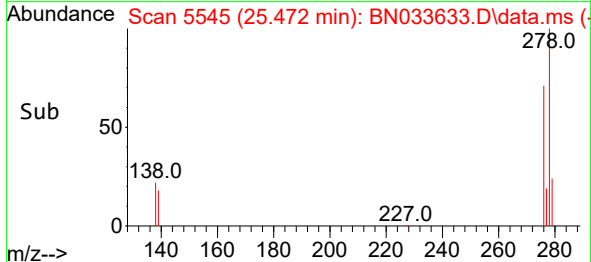
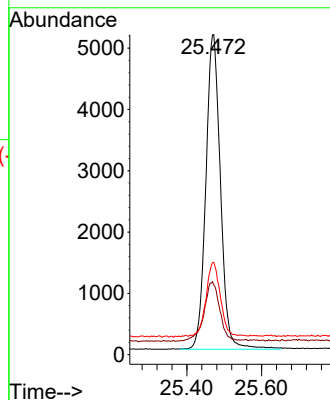
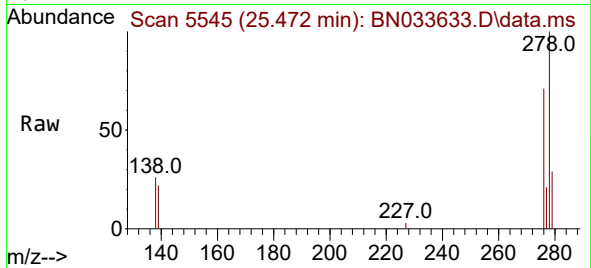




#28
Dibenzo(a,h)anthracene
Concen: 0.787 ng/ul
RT: 25.472 min Scan# 51
Delta R.T. 0.008 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:278 Resp: 13952
Ion Ratio Lower Upper
278 100
139 21.8 17.3 25.9
279 28.9 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.796 ng/ul
RT: 26.102 min Scan# 5733
Delta R.T. 0.005 min
Lab File: BN033633.D
Acq: 27 Aug 2024 13:00

Tgt Ion:276 Resp: 14212
Ion Ratio Lower Upper
276 100
138 27.2 20.8 31.2
277 26.7 20.2 30.4

