

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032629.D
 Acq On : 11 Jul 2024 11:05
 Operator : MA/JU
 Sample : SSTD0.810
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.8240

Quant Time: Jul 12 01:32:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:27:09 2024
 Response via : Initial Calibration

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

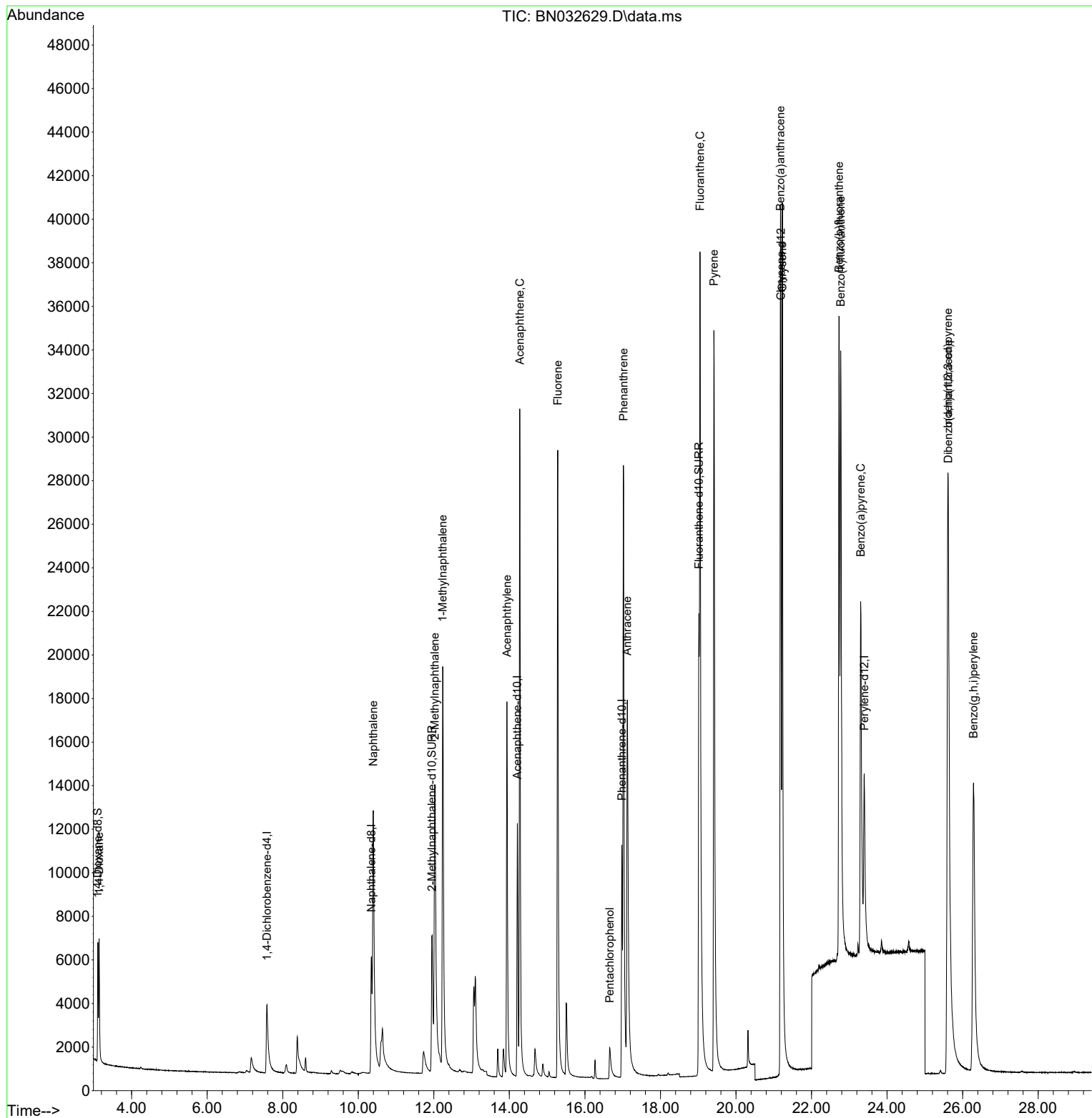
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	3777	0.400	ng/ul	0.00
4) Naphthalene-d8	10.349	136	12652	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.211	164	7992	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	17548	0.400	ng/ul	-0.01
17) Chrysene-d12	21.188	240	14398	0.400	ng/ul	0.00
23) Perylene-d12	23.395	264	14306	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	3774	0.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.949	152	15842	0.873	ng/ul	-0.02
18) Fluoranthene-d10	19.017	212	37554	0.852	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.139	88	4228	0.742	ng/ul	94
5) Naphthalene	10.398	128	27583	0.845	ng/ul	97
7) 2-Methylnaphthalene	12.026	142	18335	0.875	ng/ul	99
8) 1-Methylnaphthalene	12.235	142	18987	0.853	ng/ul	99
10) Acenaphthylene	13.938	152	27082	0.839	ng/ul	99
11) Acenaphthene	14.276	153	22030	0.825	ng/ul	100
12) Fluorene	15.280	166	25644	0.840	ng/ul	99
14) Pentachlorophenol	16.657	266	2359	0.766	ng/ul	99
15) Phenanthrene	17.020	178	39840	0.834	ng/ul	99
16) Anthracene	17.121	178	33550	0.859	ng/ul	99
19) Fluoranthene	19.050	202	47145	0.856	ng/ul	98
20) Pyrene	19.417	202	48168	0.830	ng/ul	99
21) Benzo(a)anthracene	21.176	228	38579	0.842	ng/ul	99
22) Chrysene	21.226	228	51564	0.848	ng/ul	100
24) Benzo(b)fluoranthene	22.728	252	42990	0.852	ng/ul	93
25) Benzo(k)fluoranthene	22.772	252	48865	0.918	ng/ul#	94
26) Benzo(a)pyrene	23.301	252	35571	0.814	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.613	276	48480	0.820	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.623	278	37521	0.818	ng/ul	95
29) Benzo(g,h,i)perylene	26.290	276	39438	0.798	ng/ul	97

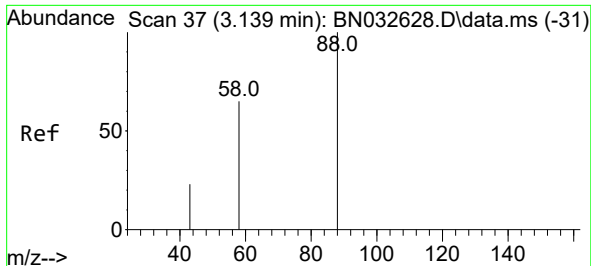
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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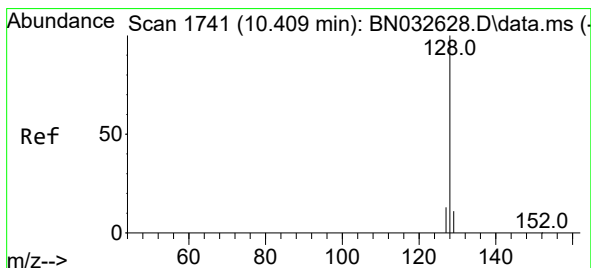
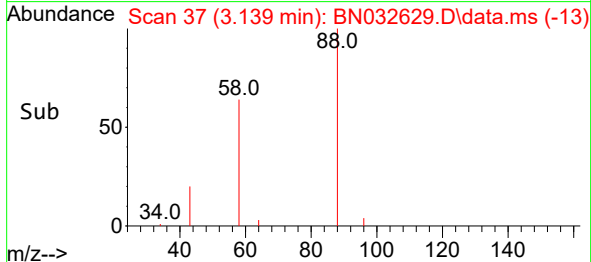
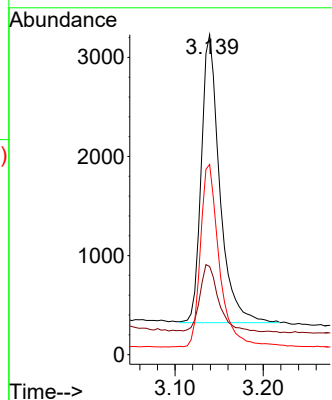
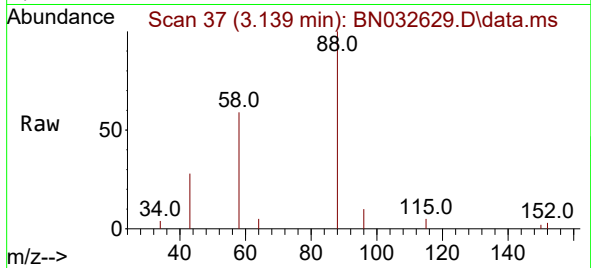




#2
1,4-Dioxane
Concen: 0.742 ng/ul
RT: 3.139 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

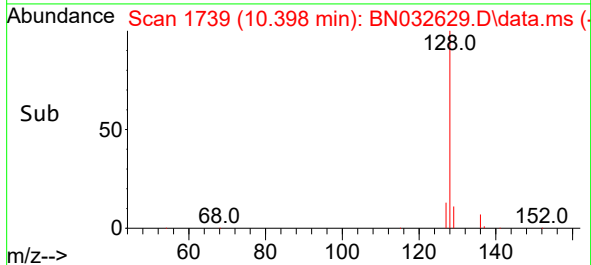
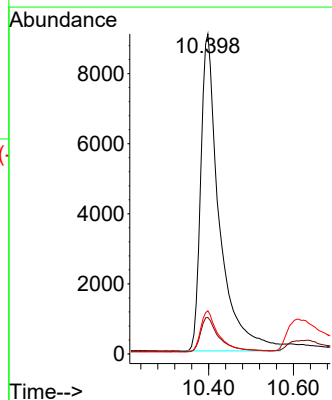
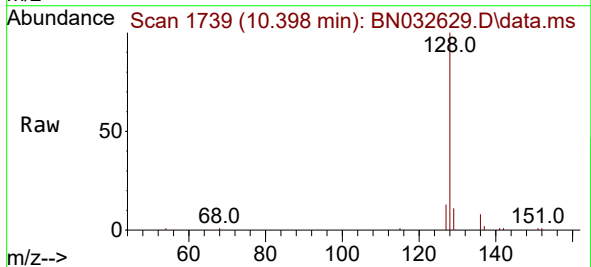
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

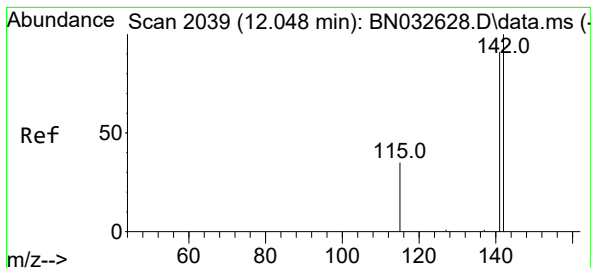
Tgt Ion: 88 Resp: 4228
Ion Ratio Lower Upper
88 100
43 27.5 24.0 36.0
58 59.5 43.3 64.9



#5
Naphthalene
Concen: 0.845 ng/ul
RT: 10.398 min Scan# 1739
Delta R.T. -0.011 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion: 128 Resp: 27583
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.5 11.6 17.4

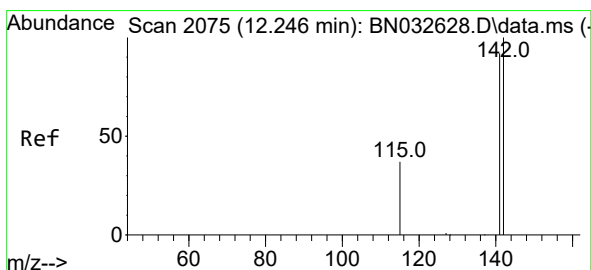
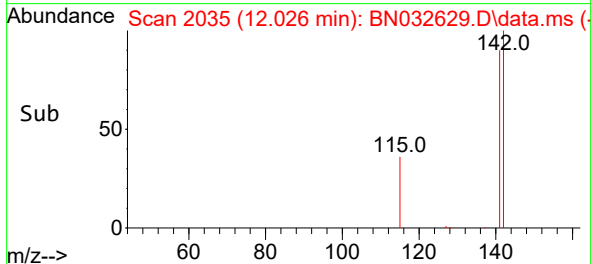
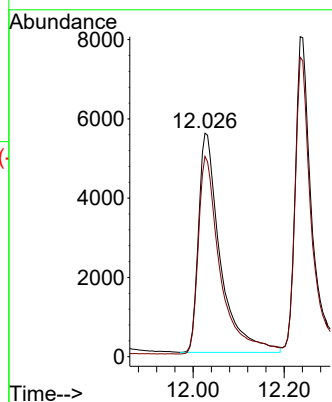
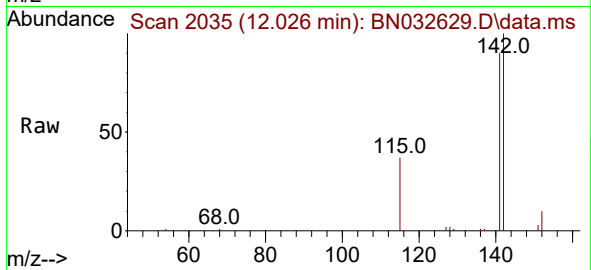




#7
2-Methylnaphthalene
Concen: 0.875 ng/ul
RT: 12.026 min Scan# 2035
Delta R.T. -0.022 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

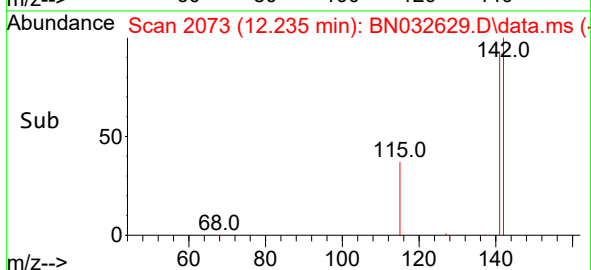
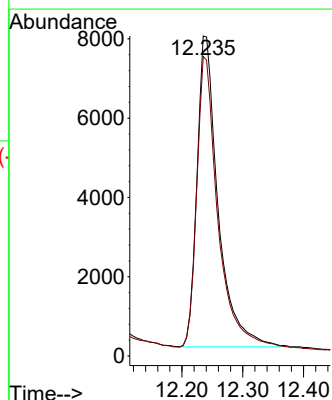
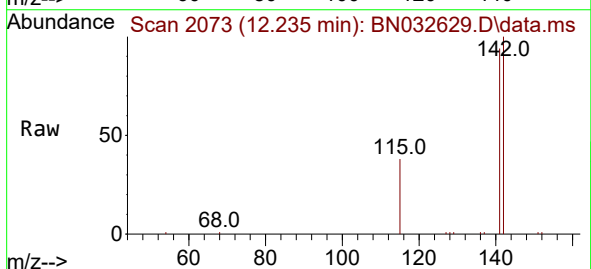
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

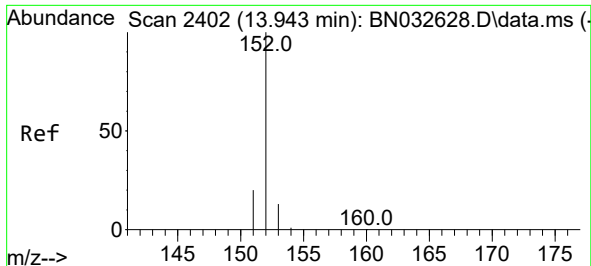
Tgt Ion:142 Resp: 18335
Ion Ratio Lower Upper
142 100
141 91.4 74.0 111.0



#8
1-Methylnaphthalene
Concen: 0.853 ng/ul
RT: 12.235 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion:142 Resp: 18987
Ion Ratio Lower Upper
142 100
141 92.5 75.0 112.4

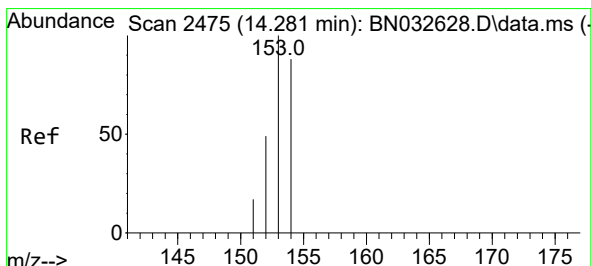
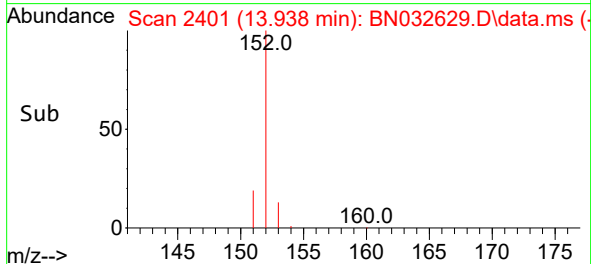
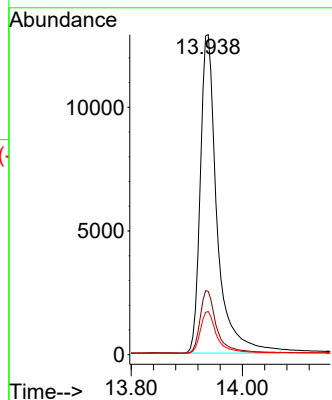
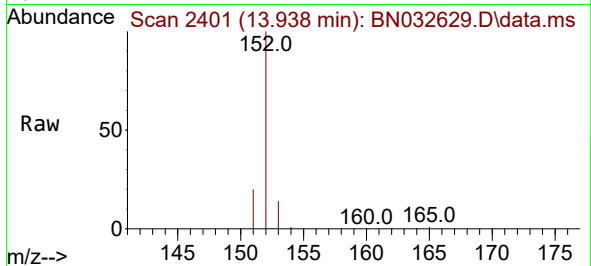




#10
Acenaphthylene
Concen: 0.839 ng/ul
RT: 13.938 min Scan# 2401
Delta R.T. -0.005 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

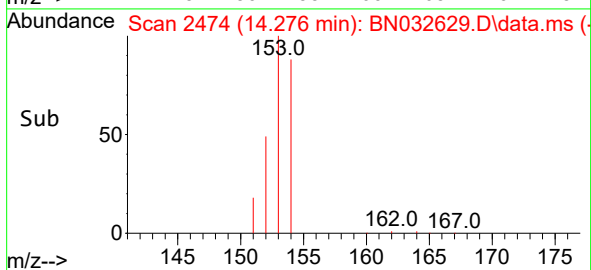
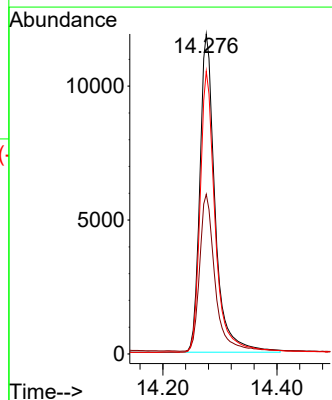
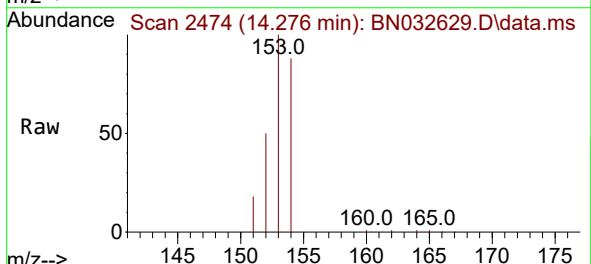
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

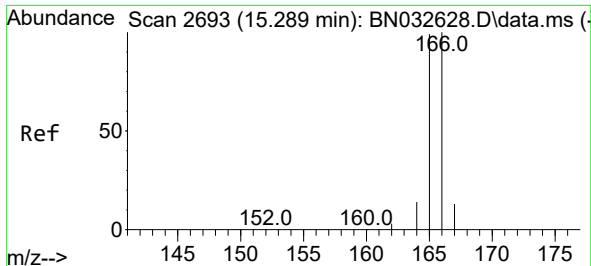
Tgt Ion:152 Resp: 27082
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.5 11.3 16.9



#11
Acenaphthene
Concen: 0.825 ng/ul
RT: 14.276 min Scan# 2474
Delta R.T. -0.005 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion:153 Resp: 22030
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 88.4 70.2 105.4

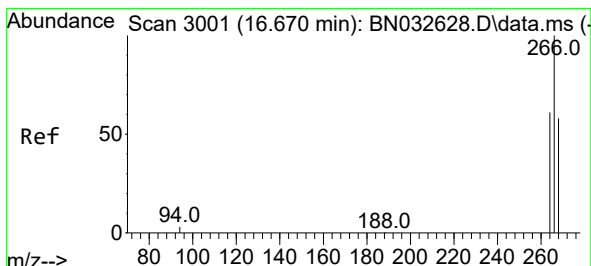
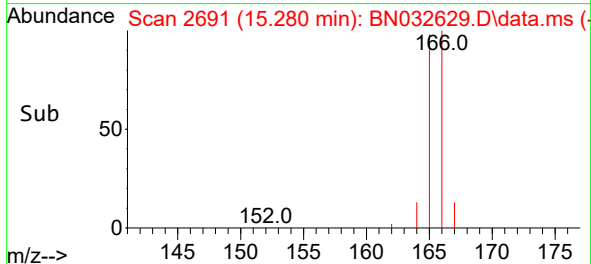
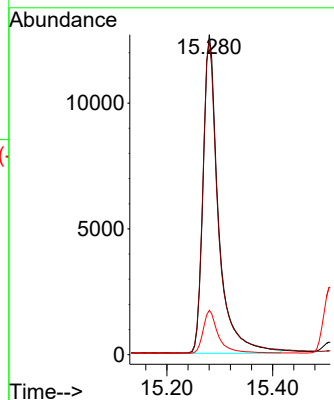
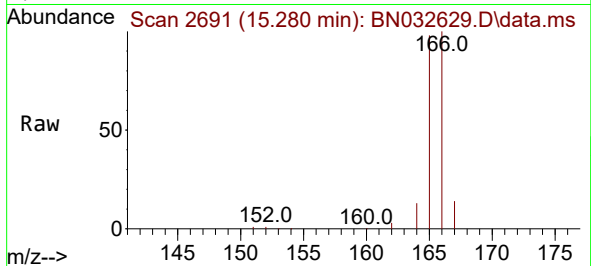




#12
Fluorene
Concen: 0.840 ng/ul
RT: 15.280 min Scan# 2098
Delta R.T. -0.009 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

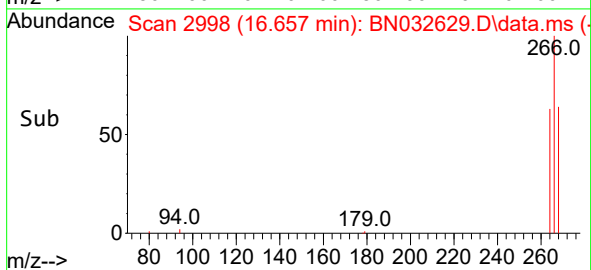
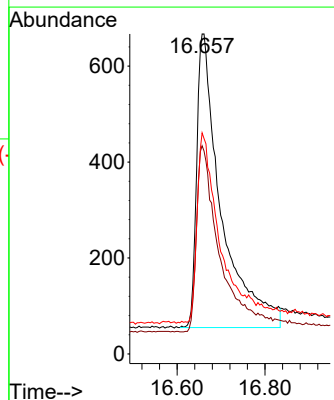
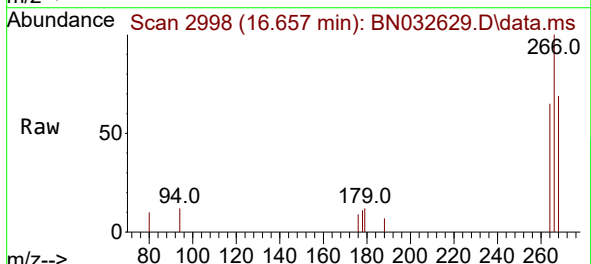
Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

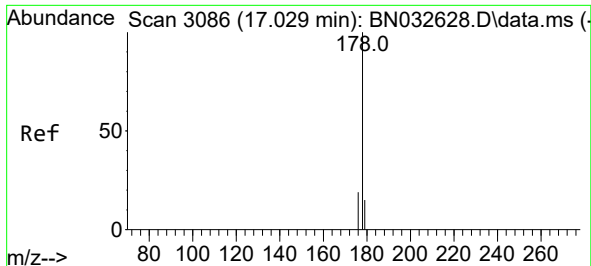
Tgt Ion:166 Resp: 25644
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 13.9 11.4 17.2



#14
Pentachlorophenol
Concen: 0.766 ng/ul
RT: 16.657 min Scan# 2998
Delta R.T. -0.013 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion:266 Resp: 2359
Ion Ratio Lower Upper
266 100
264 62.5 49.4 74.2
268 63.5 51.6 77.4

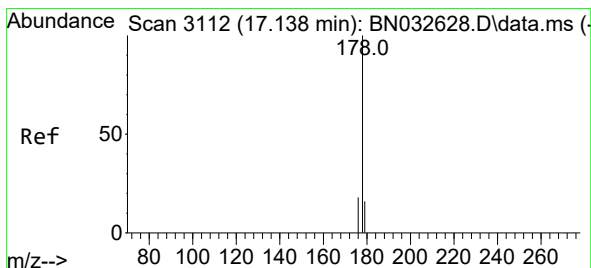
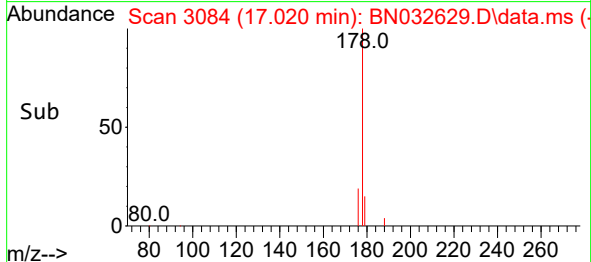
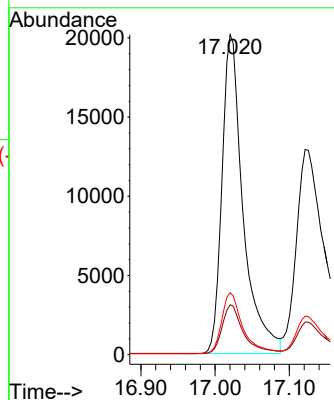
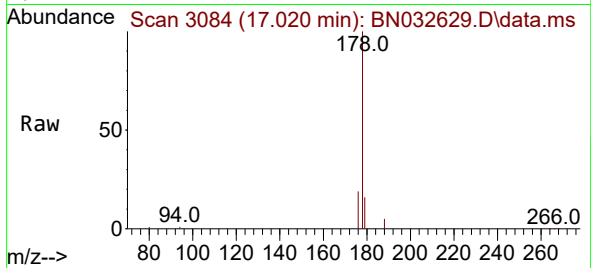




#15
Phenanthrene
Concen: 0.834 ng/ul
RT: 17.020 min Scan# 3108
Delta R.T. -0.008 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

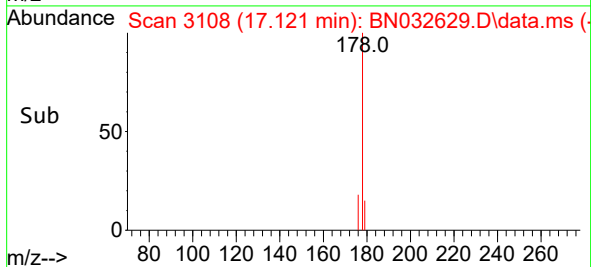
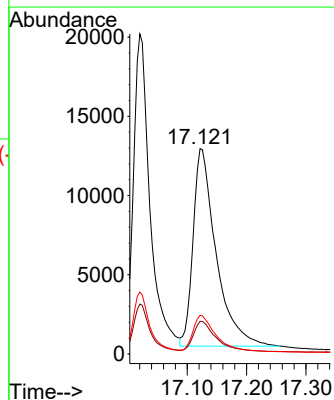
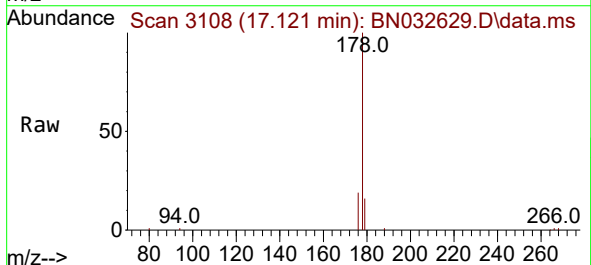
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ClientSampleId :
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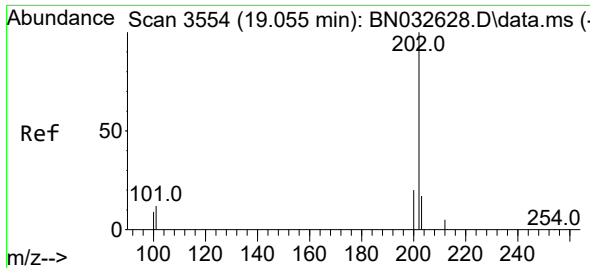
Tgt Ion:178 Resp: 39840
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.859 ng/ul
RT: 17.121 min Scan# 3108
Delta R.T. -0.017 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion:178 Resp: 33550
Ion Ratio Lower Upper
178 100
179 15.9 13.4 20.2
176 18.8 15.4 23.0

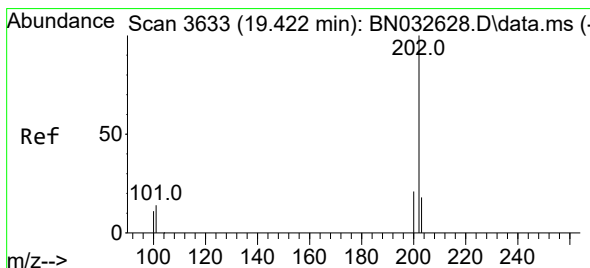
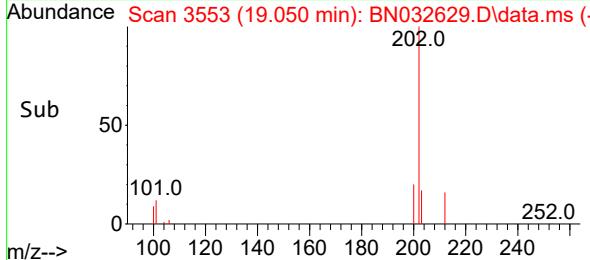
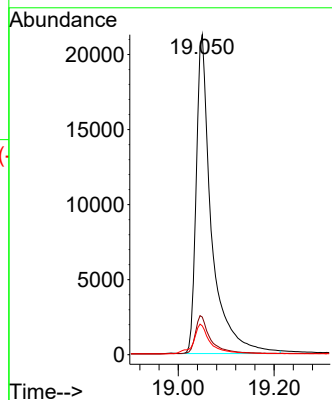
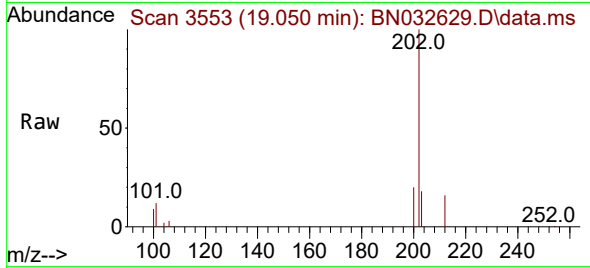




#19
Fluoranthene
Concen: 0.856 ng/ul
RT: 19.050 min Scan# 3554
Delta R.T. -0.005 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

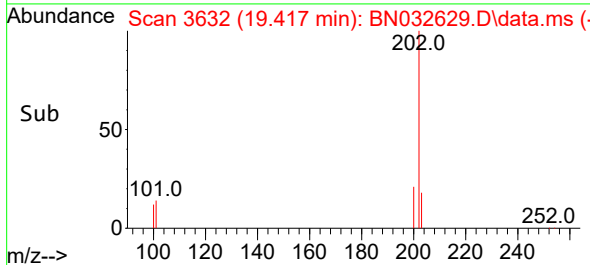
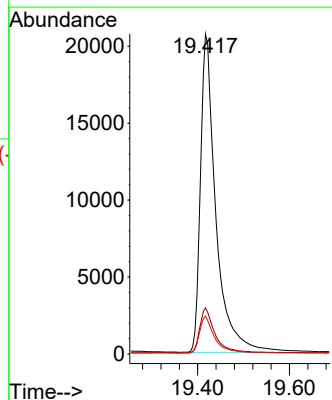
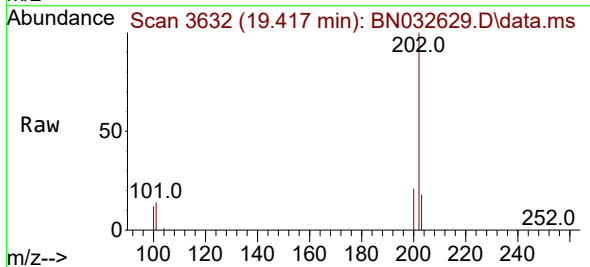
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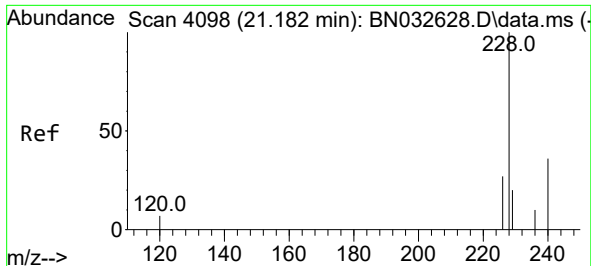
Tgt Ion:202 Resp: 47145
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.830 ng/ul
RT: 19.417 min Scan# 3632
Delta R.T. -0.005 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

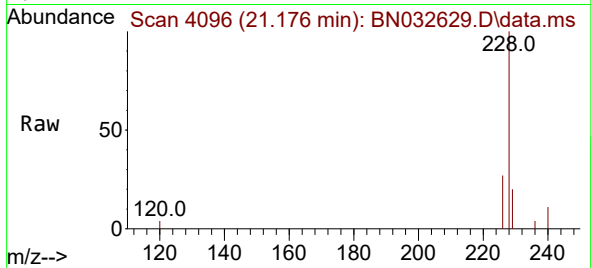
Tgt Ion:202 Resp: 48168
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.8 9.6 14.4



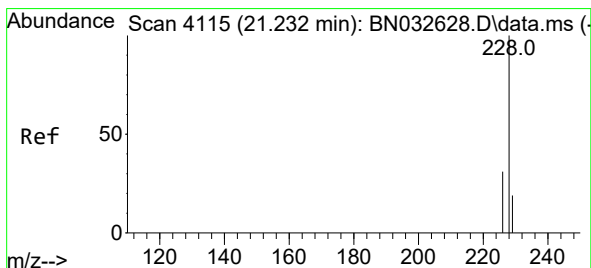
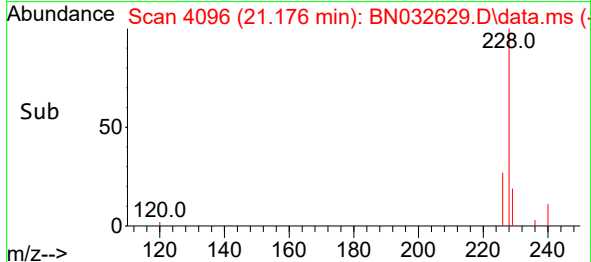
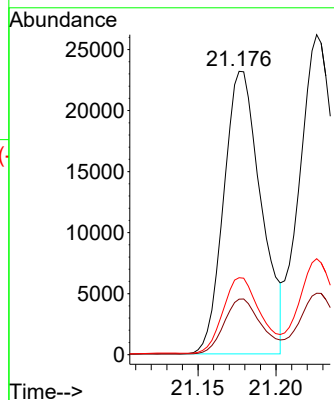


#21
Benzo(a)anthracene
Concen: 0.842 ng/ul
RT: 21.176 min Scan# 4098
Delta R.T. -0.006 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

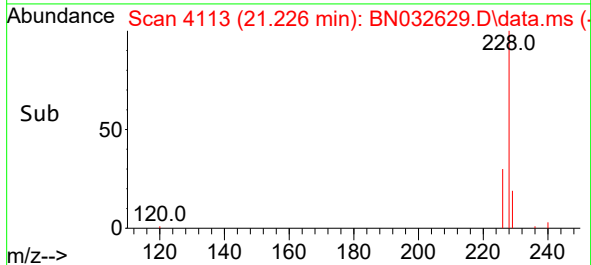
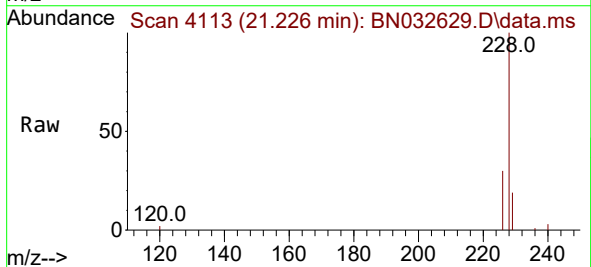
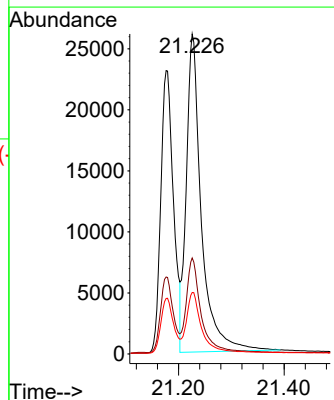


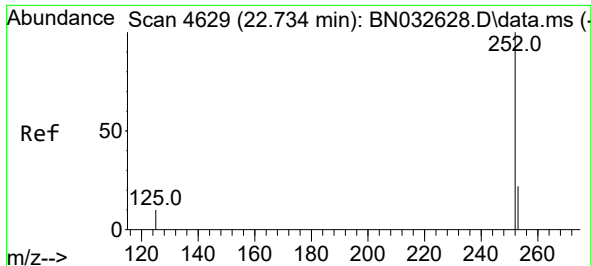
Tgt Ion:228 Resp: 38579
Ion Ratio Lower Upper
228 100
229 19.6 16.1 24.1
226 27.1 21.9 32.9



#22
Chrysene
Concen: 0.848 ng/ul
RT: 21.226 min Scan# 4113
Delta R.T. -0.006 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

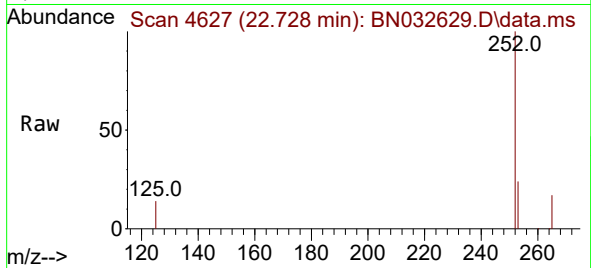
Tgt Ion:228 Resp: 51564
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 19.2 15.8 23.6



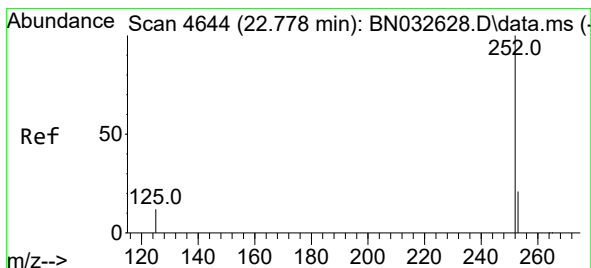
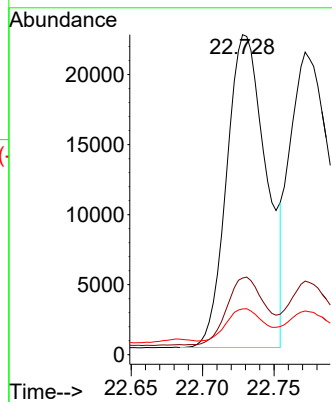
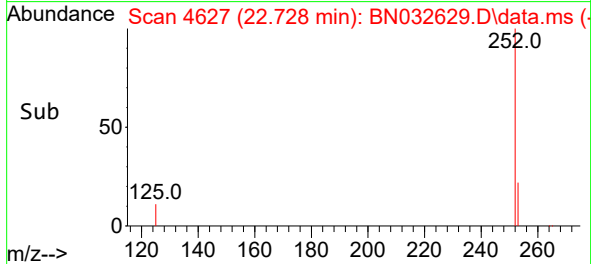


#24
Benzo(b)fluoranthene
Concen: 0.852 ng/ul
RT: 22.728 min Scan# 4627
Delta R.T. -0.006 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

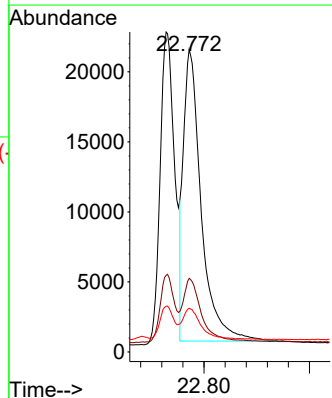
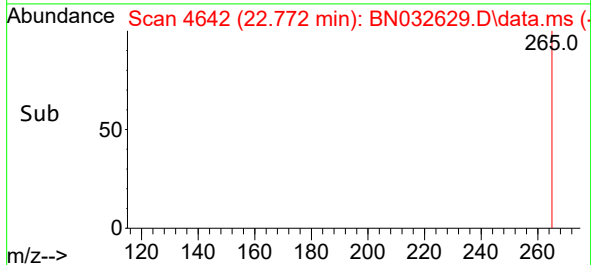
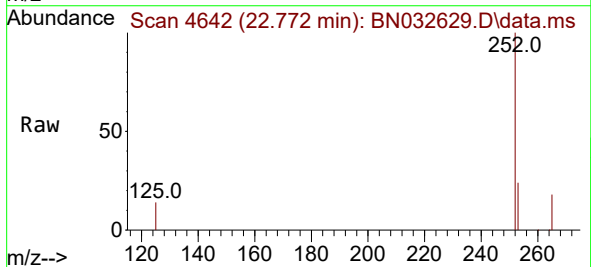


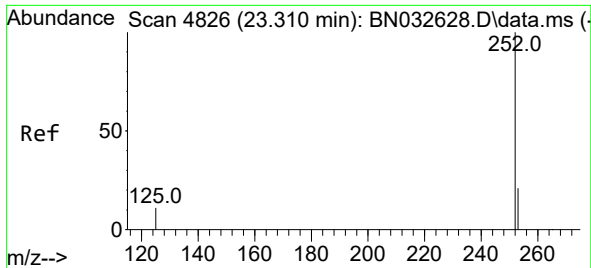
Tgt Ion:252 Resp: 42990
Ion Ratio Lower Upper
252 100
253 23.9 0.0 54.0
125 14.3 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.918 ng/ul
RT: 22.772 min Scan# 4642
Delta R.T. -0.006 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

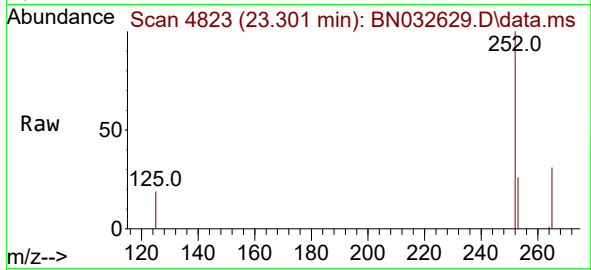
Tgt Ion:252 Resp: 48865
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 14.4 14.8 22.2#



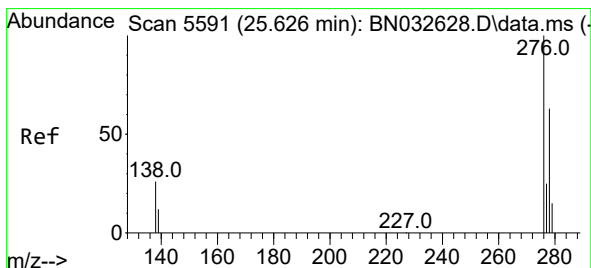
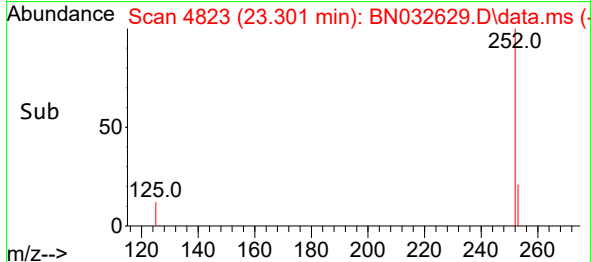
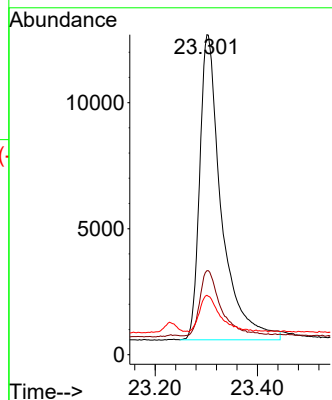


#26
Benzo(a)pyrene
Concen: 0.814 ng/ul
RT: 23.301 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

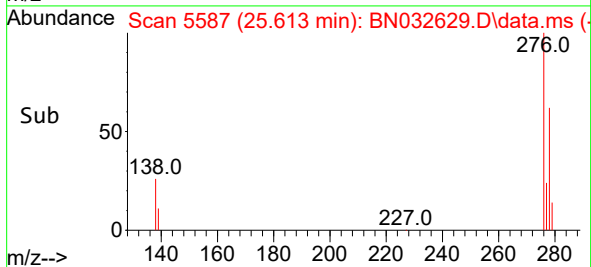
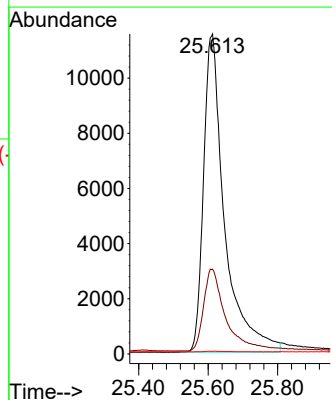
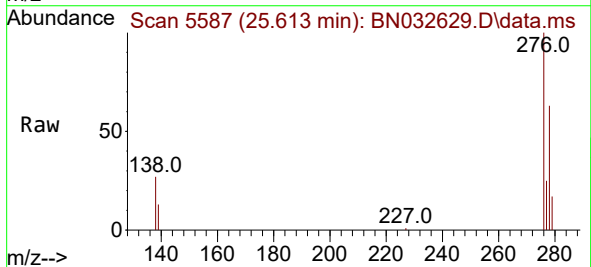


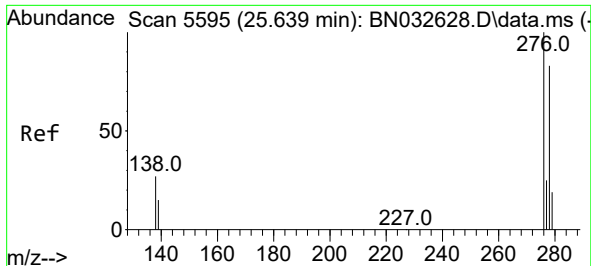
Tgt Ion:252 Resp: 35571
Ion Ratio Lower Upper
252 100
253 26.2 25.4 38.0
125 18.5 20.6 30.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.820 ng/ul
RT: 25.613 min Scan# 5587
Delta R.T. -0.013 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion:276 Resp: 48480
Ion Ratio Lower Upper
276 100
138 27.1 21.6 32.4
227 0.2 0.0 0.0#

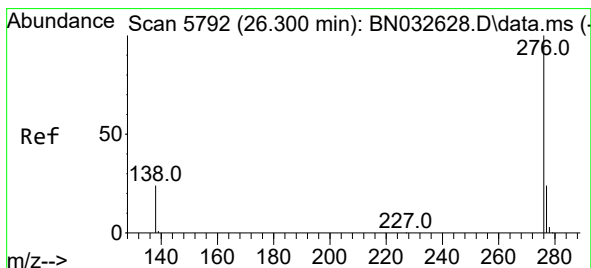
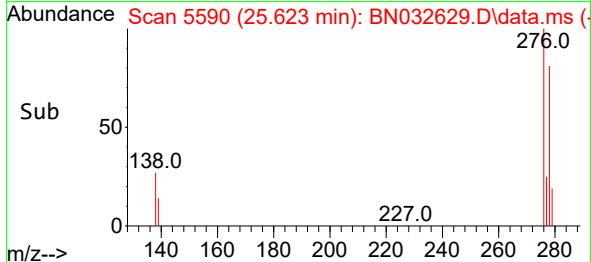
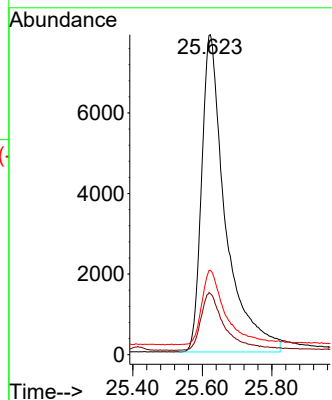
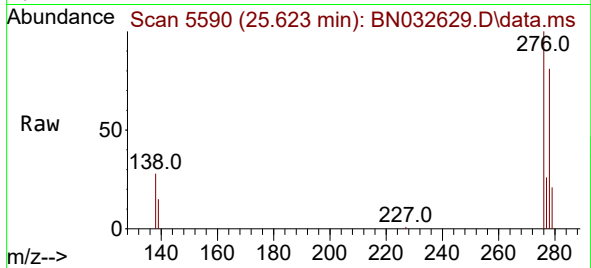




#28
Dibenzo(a,h)anthracene
Concen: 0.818 ng/ul
RT: 25.623 min Scan# 51
Delta R.T. -0.017 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Instrument :
BNA_N
ClientSampleId :
SSTD0.8240

Tgt Ion:278 Resp: 37521
Ion Ratio Lower Upper
278 100
139 19.1 16.6 24.8
279 26.4 23.7 35.5



#29
Benzo(g,h,i)perylene
Concen: 0.798 ng/ul
RT: 26.290 min Scan# 5789
Delta R.T. -0.010 min
Lab File: BN032629.D
Acq: 11 Jul 2024 11:05

Tgt Ion:276 Resp: 39438
Ion Ratio Lower Upper
276 100
138 24.0 21.0 31.4
277 24.5 20.6 31.0

