

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032524\
 Data File : BN030495.D
 Acq On : 25 Mar 2024 23:35
 Operator : MA/JU
 Sample : PB159747BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS747

Quant Time: Mar 26 00:32:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 25 13:38:40 2024
 Response via : Initial Calibration

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

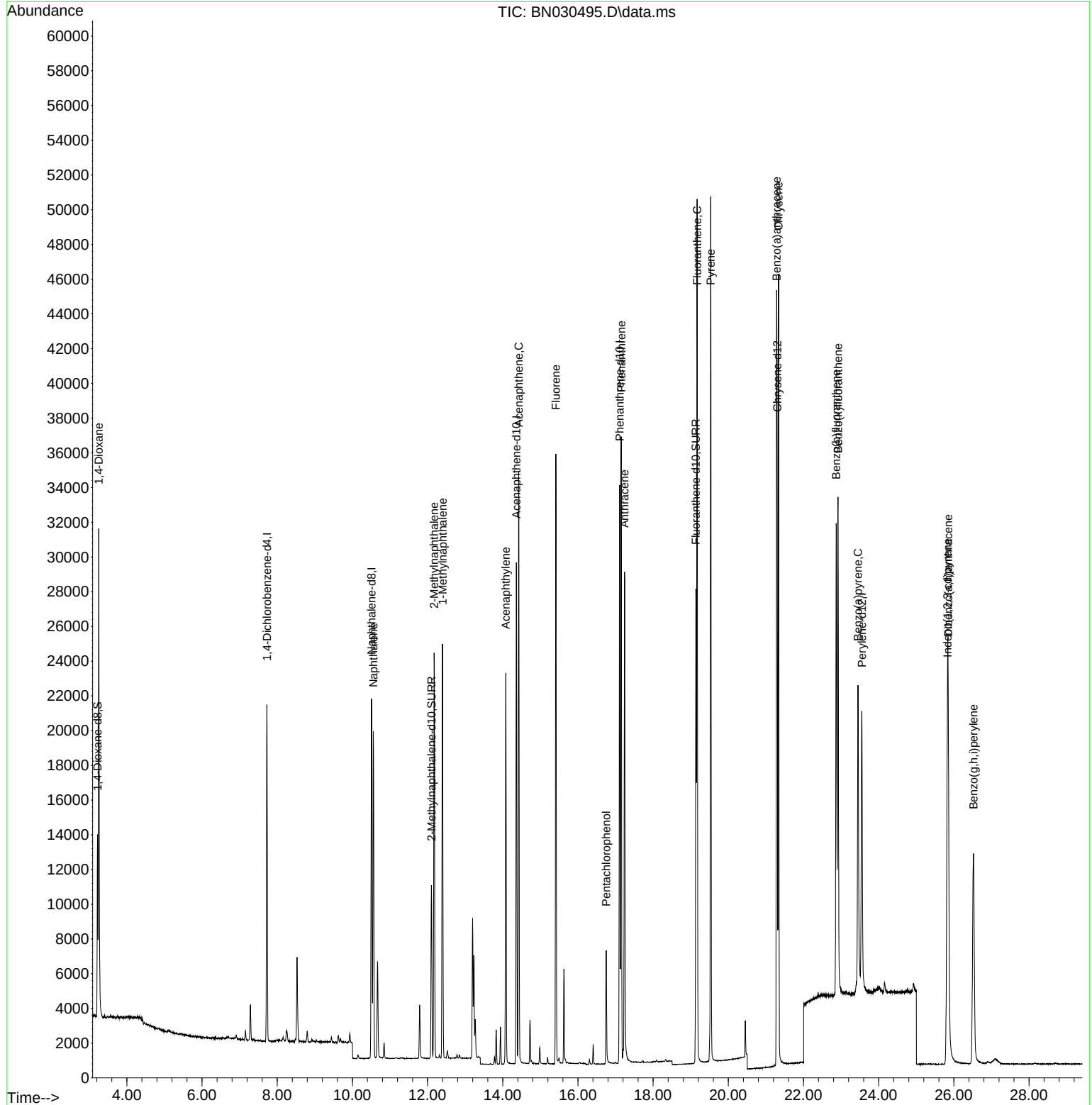
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	9361	0.400	ng/u1	0.00
4) Naphthalene-d8	10.507	136	26792	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.363	164	15057	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.108	188	34774	0.400	ng/u1	0.00
17) Chrysene-d12	21.301	240	24447	0.400	ng/u1	0.00
23) Perylene-d12	23.552	264	21605	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	6960	0.633	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.102	152	12720	0.337	ng/u1	0.00
18) Fluoranthene-d10	19.137	212	27110	0.355	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	19087	1.679	ng/u1#	86
5) Naphthalene	10.557	128	25057	0.328	ng/u1	100
7) 2-Methylnaphthalene	12.174	142	16472	0.333	ng/u1	100
8) 1-Methylnaphthalene	12.399	142	16815	0.321	ng/u1	99
10) Acenaphthylene	14.081	152	24569	0.322	ng/u1	99
11) Acenaphthene	14.423	153	19121	0.325	ng/u1	99
12) Fluorene	15.413	166	21952	0.326	ng/u1	98
14) Pentachlorophenol	16.753	266	4236	0.647	ng/u1	99
15) Phenanthrene	17.150	178	37461	0.321	ng/u1	99
16) Anthracene	17.239	178	31500	0.319	ng/u1	100
19) Fluoranthene	19.170	202	40694	0.350	ng/u1	100
20) Pyrene	19.532	202	40251	0.351	ng/u1	99
21) Benzo(a)anthracene	21.283	228	33243	0.330	ng/u1	100
22) Chrysene	21.336	228	37039	0.347	ng/u1	100
24) Benzo(b)fluoranthene	22.870	252	33008	0.323	ng/u1	98
25) Benzo(k)fluoranthene	22.917	252	36556	0.350	ng/u1	98
26) Benzo(a)pyrene	23.449	252	27164	0.332	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	25.826	276	32229	0.325	ng/u1	99
28) Dibenzo(a,h)anthracene	25.850	278	25951	0.327	ng/u1	98
29) Benzo(g,h,i)perylene	26.521	276	26243	0.306	ng/u1	99

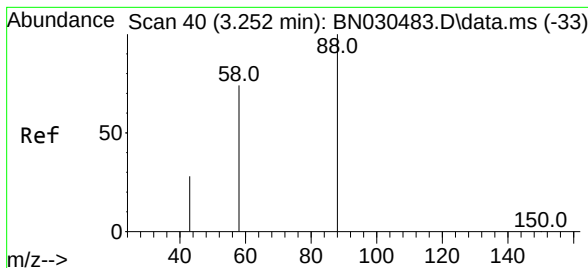
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.679 ng/ul

RT: 3.252 min Scan# 40

Delta R.T. -0.008 min

Lab File: BN030495.D

Acq: 25 Mar 2024 23:35

Instrument :

BNA_N

ClientSampleId :

SLCS747

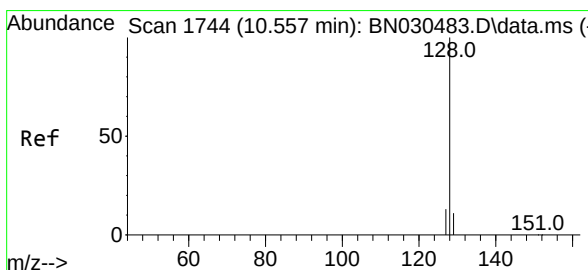
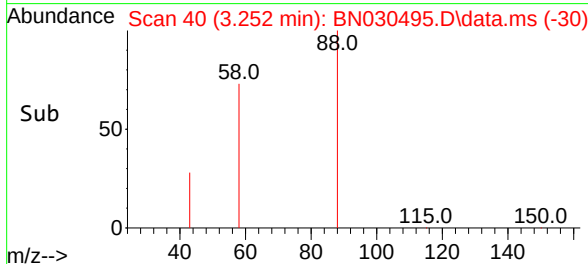
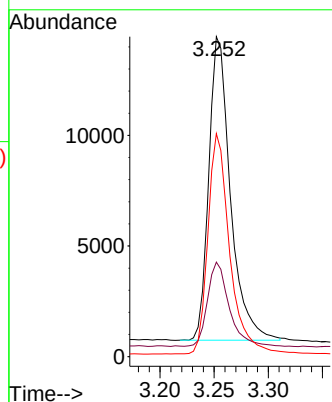
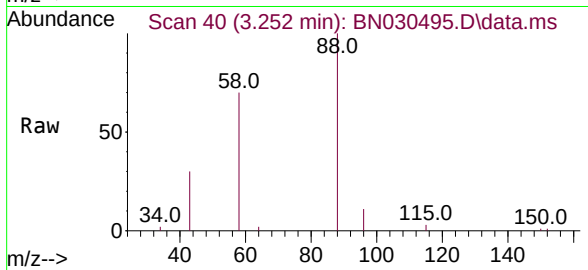
Tgt Ion: 88 Resp: 19087

Ion Ratio Lower Upper

88 100

43 29.5 29.2 43.8

58 69.7 46.3 69.5#



#5

Naphthalene

Concen: 0.328 ng/ul

RT: 10.557 min Scan# 1744

Delta R.T. -0.005 min

Lab File: BN030495.D

Acq: 25 Mar 2024 23:35

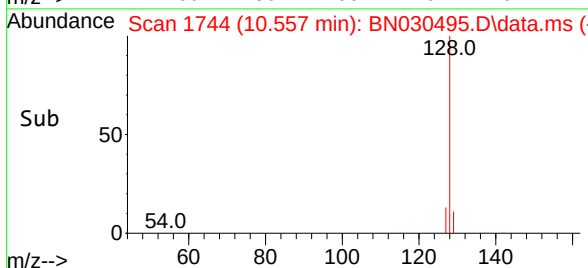
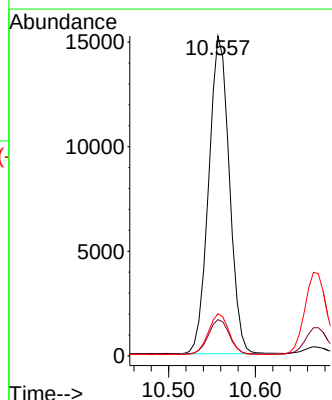
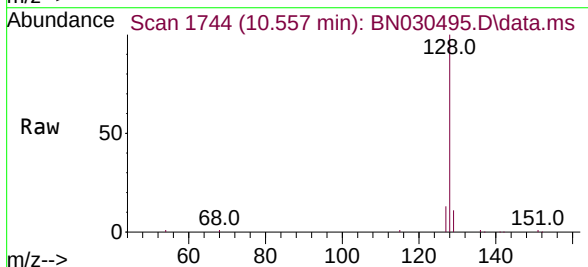
Tgt Ion:128 Resp: 25057

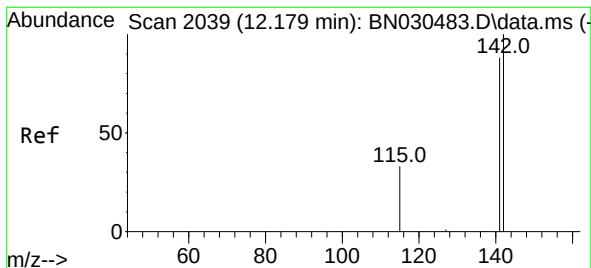
Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.4

127 13.2 10.5 15.7

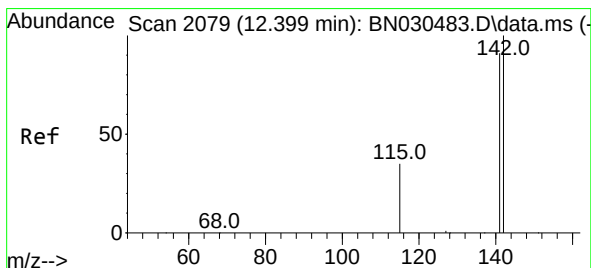
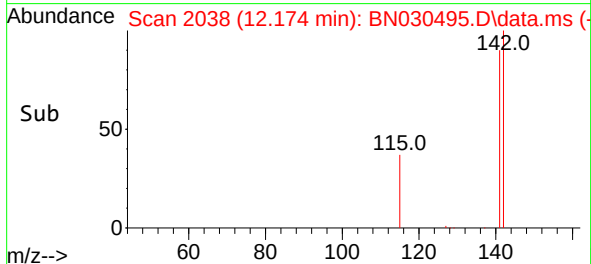
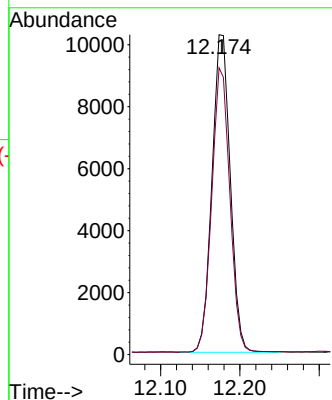
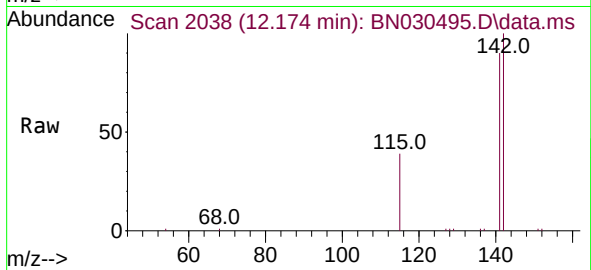




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.174 min Scan# 2038
Delta R.T. -0.005 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

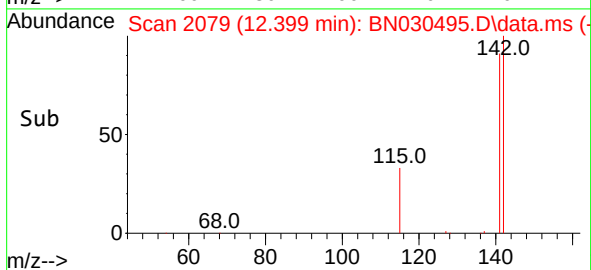
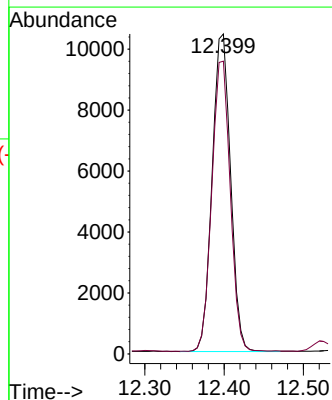
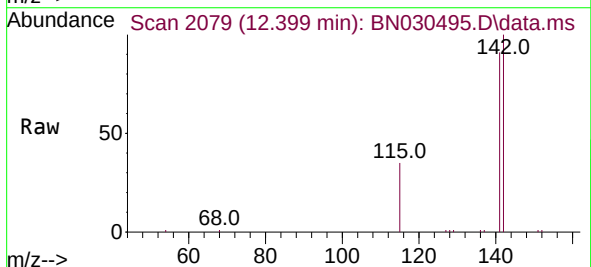
Instrument :
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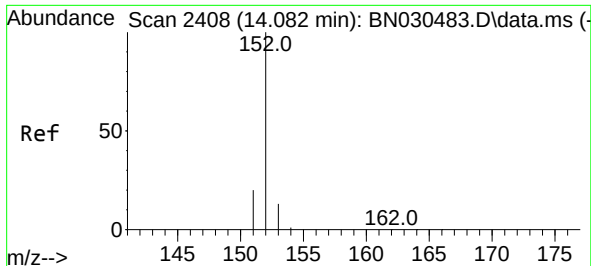
Tgt Ion:142 Resp: 16472
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.399 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:142 Resp: 16815
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4

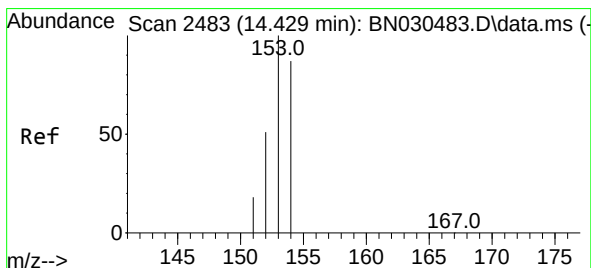
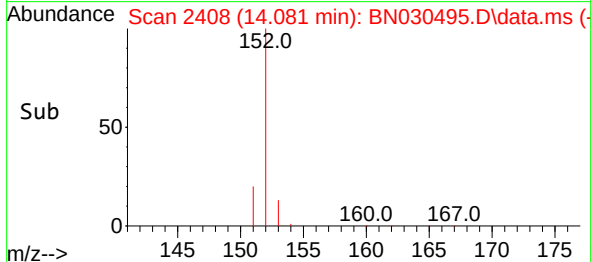
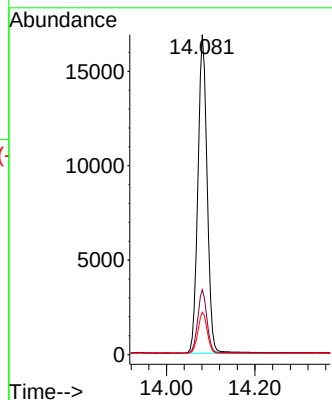
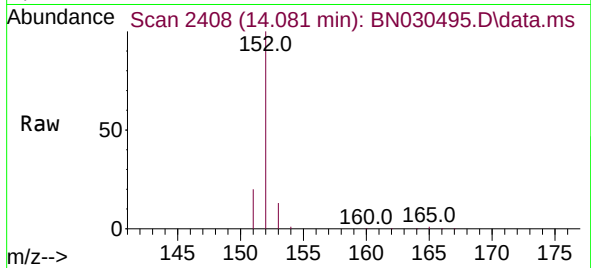




#10
Acenaphthylene
Concen: 0.322 ng/ul
RT: 14.081 min Scan# 2408
Delta R.T. -0.004 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

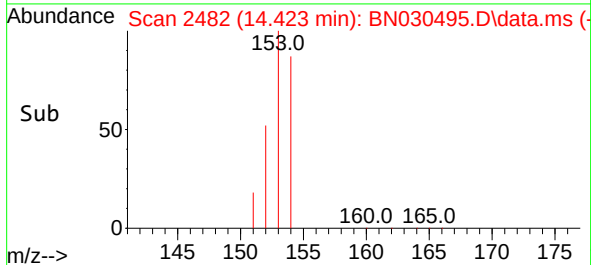
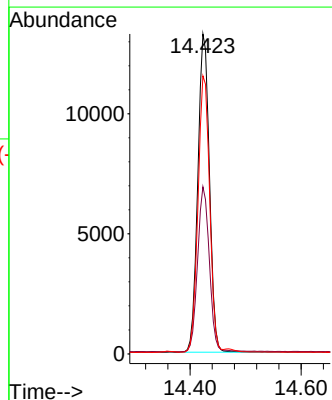
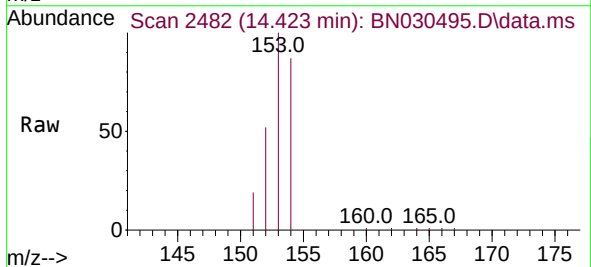
Instrument :
BNA_N
ClientSampleId :
SLCS747

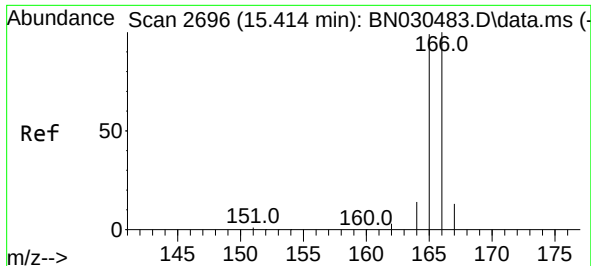
Tgt Ion:152 Resp: 24569
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.2 10.9 16.3



#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.423 min Scan# 2482
Delta R.T. -0.004 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:153 Resp: 19121
Ion Ratio Lower Upper
153 100
152 52.2 42.2 63.4
154 86.9 70.6 105.8

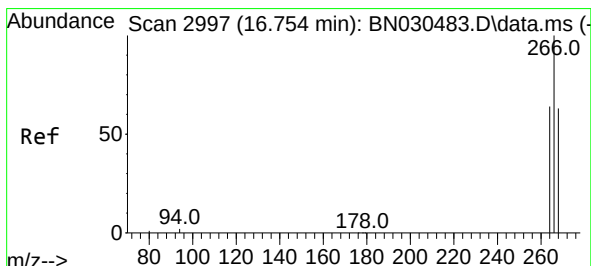
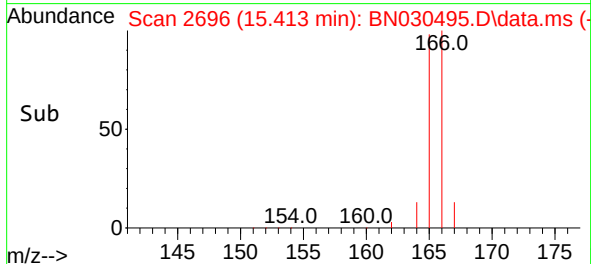
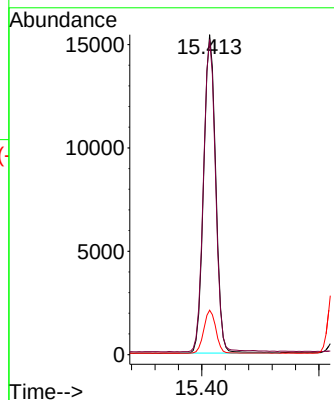
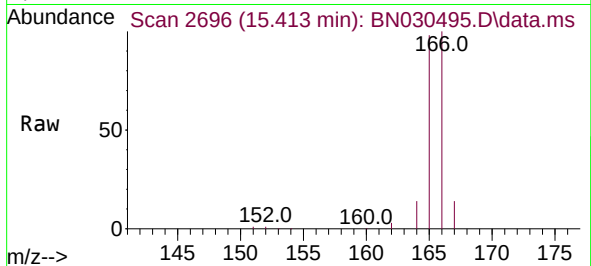




#12
 Fluorene
 Concen: 0.326 ng/ul
 RT: 15.413 min Scan# 20
 Delta R.T. -0.004 min
 Lab File: BN030495.D
 Acq: 25 Mar 2024 23:35

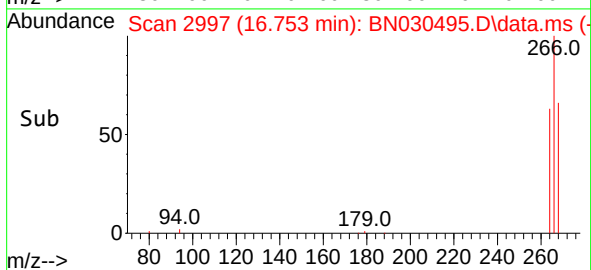
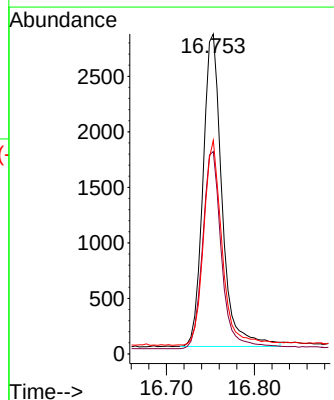
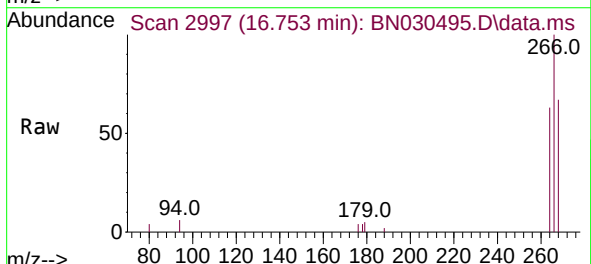
Instrument :
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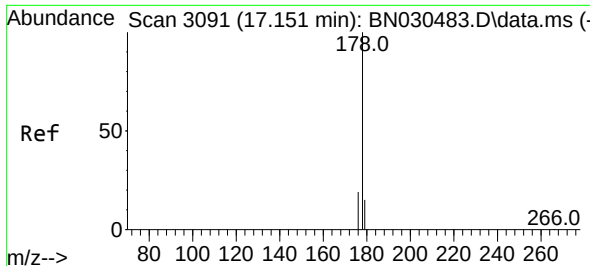
Tgt Ion:166 Resp: 21952
 Ion Ratio Lower Upper
 166 100
 165 98.4 80.0 120.0
 167 13.9 10.6 16.0



#14
 Pentachlorophenol
 Concen: 0.647 ng/ul
 RT: 16.753 min Scan# 2997
 Delta R.T. 0.001 min
 Lab File: BN030495.D
 Acq: 25 Mar 2024 23:35

Tgt Ion:266 Resp: 4236
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.2 75.2
 268 63.6 52.0 78.0

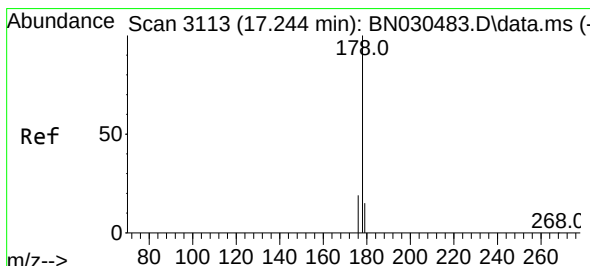
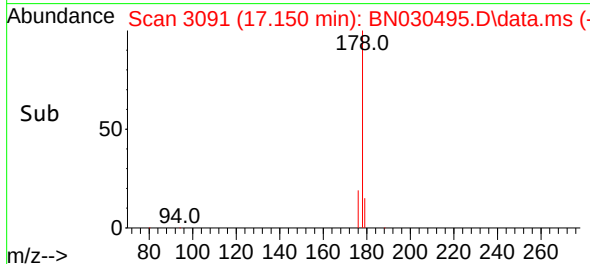
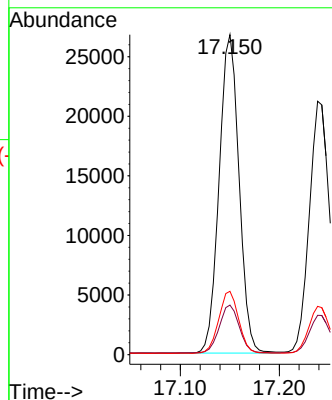
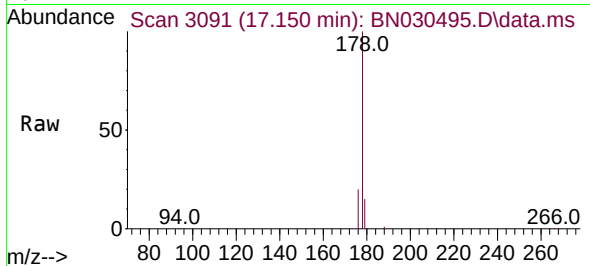




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.150 min Scan# 3091
Delta R.T. -0.004 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

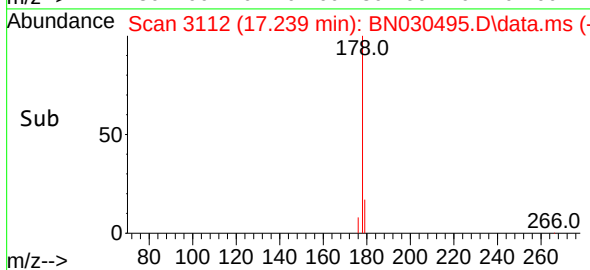
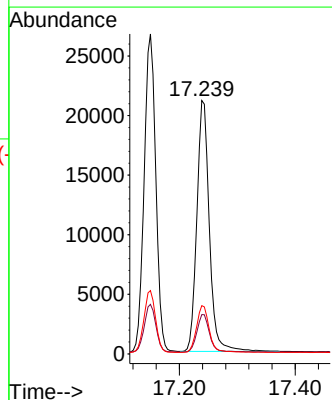
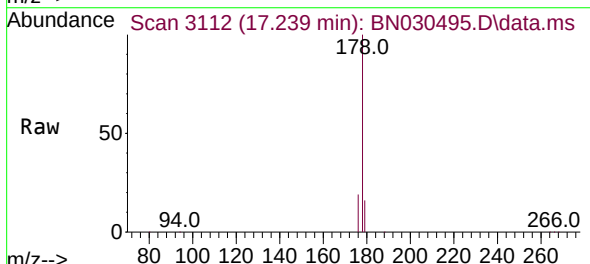
Instrument :
BNA_N
ClientSampleId :
SLCS747

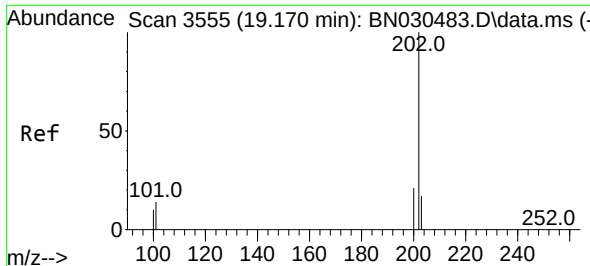
Tgt Ion:178 Resp: 37461
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.8 15.5 23.3



#16
Anthracene
Concen: 0.319 ng/ul
RT: 17.239 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:178 Resp: 31500
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.1 15.4 23.0

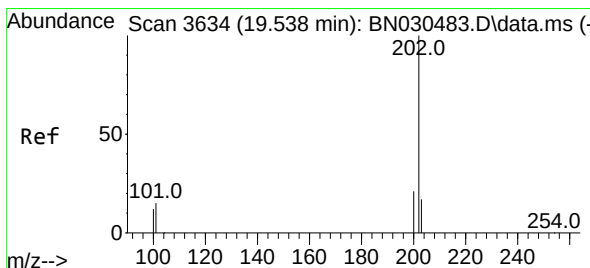
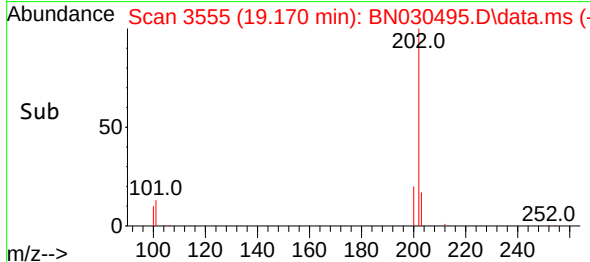
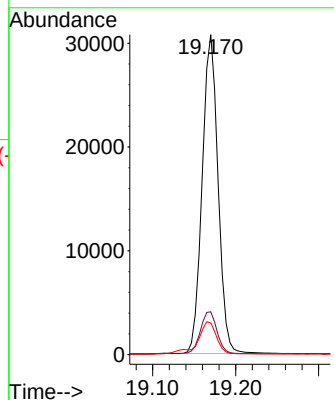
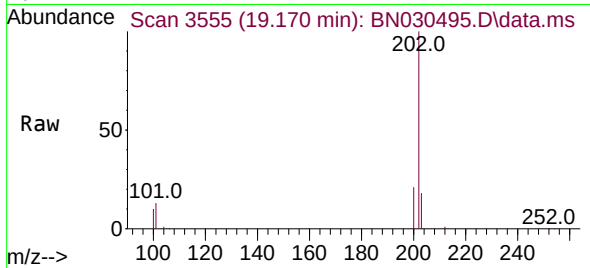




#19
Fluoranthene
Concen: 0.350 ng/ul
RT: 19.170 min Scan# 3555
Delta R.T. -0.004 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

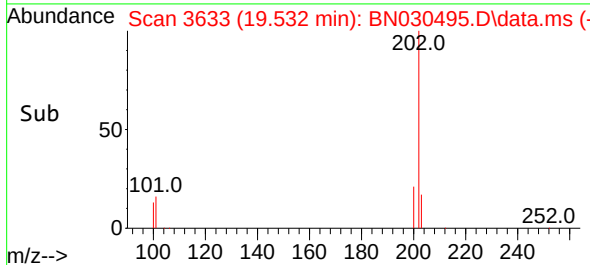
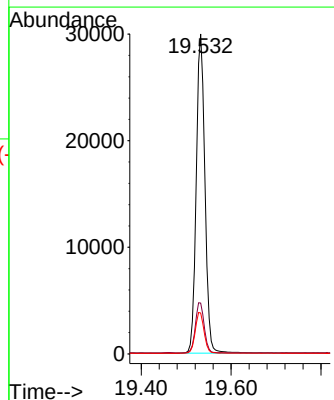
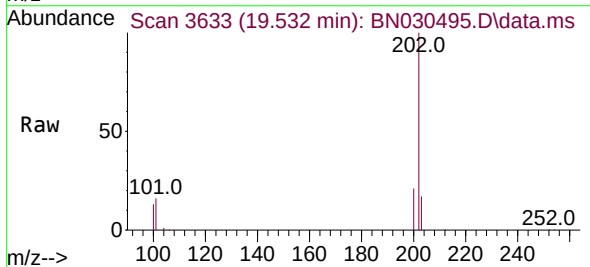
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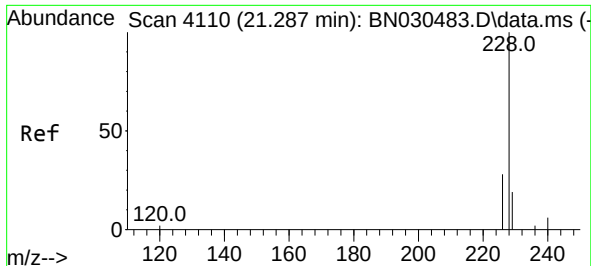
Tgt Ion:202 Resp: 40694
Ion Ratio Lower Upper
202 100
101 13.4 10.6 16.0
100 9.9 7.8 11.8



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.532 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:202 Resp: 40251
Ion Ratio Lower Upper
202 100
101 15.9 12.9 19.3
100 12.8 10.4 15.6

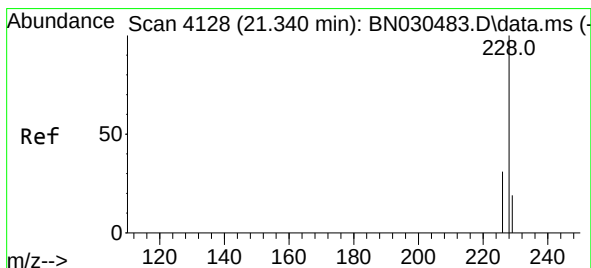
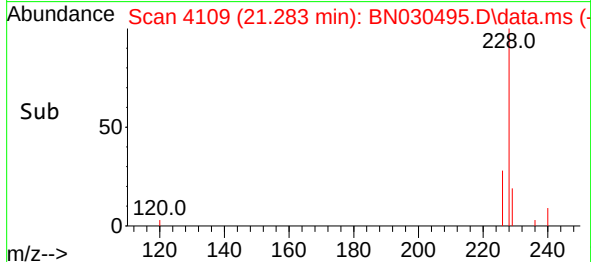
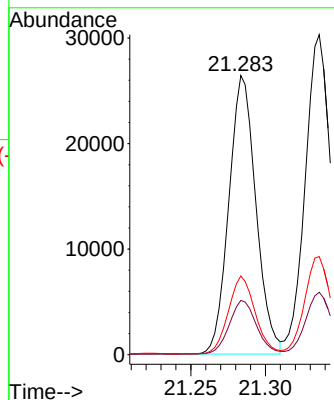
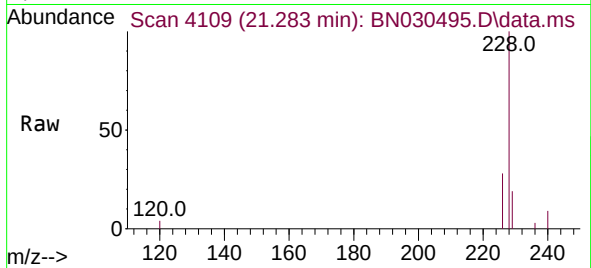




#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.283 min Scan# 4110
Delta R.T. -0.002 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

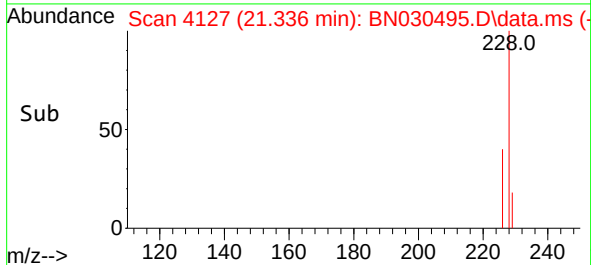
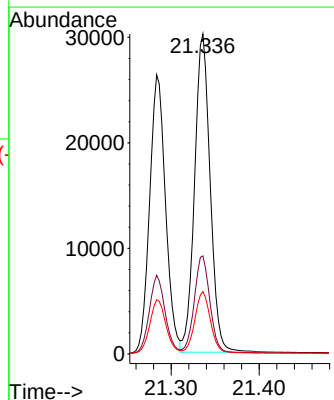
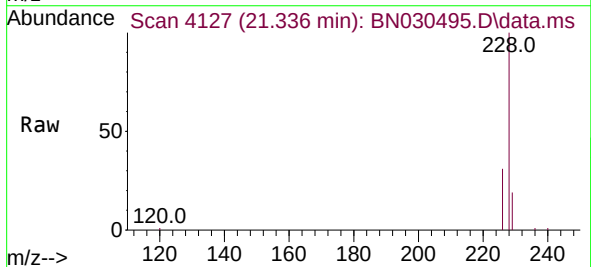
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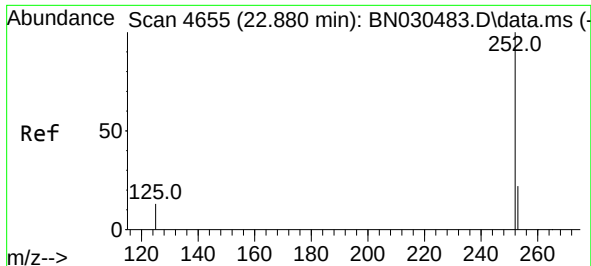
Tgt Ion:228 Resp: 33243
Ion Ratio Lower Upper
228 100
229 19.4 15.4 23.2
226 28.2 22.7 34.1



#22
Chrysene
Concen: 0.347 ng/ul
RT: 21.336 min Scan# 4127
Delta R.T. -0.002 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

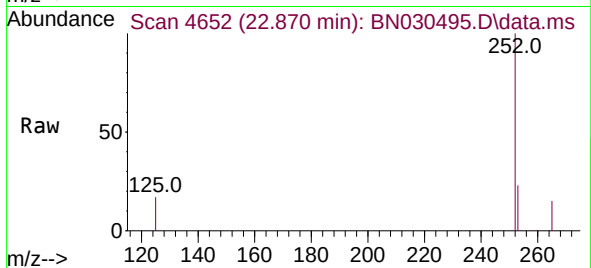
Tgt Ion:228 Resp: 37039
Ion Ratio Lower Upper
228 100
226 30.6 24.4 36.6
229 19.5 15.4 23.2



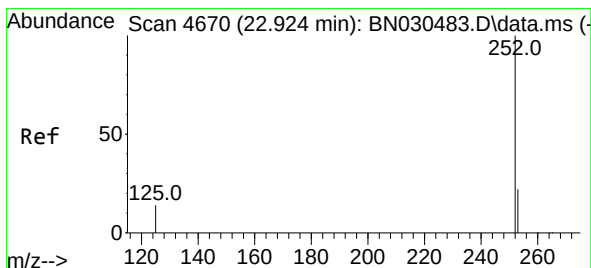
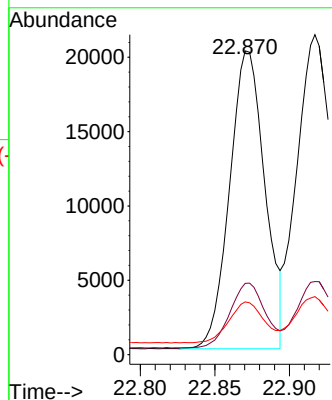


#24
Benzo(b)fluoranthene
Concen: 0.323 ng/ul
RT: 22.870 min Scan# 4652
Delta R.T. -0.005 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Instrument :
BNA_N
ClientSampleId :
SLCS747

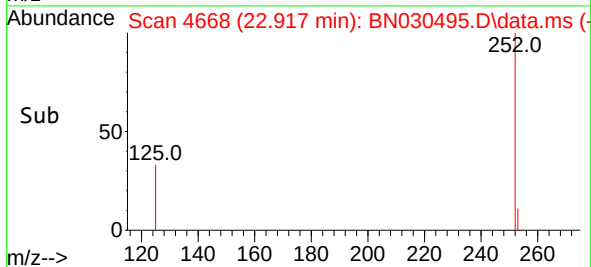
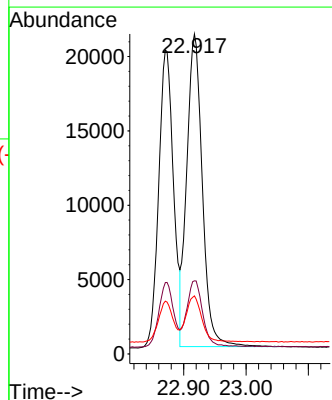
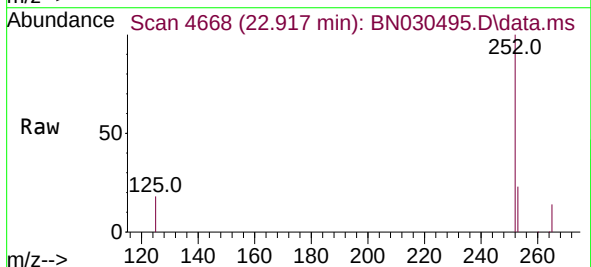


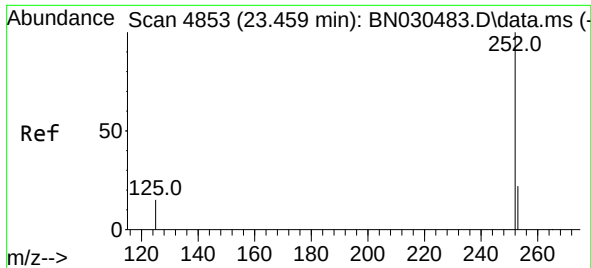
Tgt Ion:252 Resp: 33008
Ion Ratio Lower Upper
252 100
253 23.5 0.0 45.4
125 17.3 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul
RT: 22.917 min Scan# 4668
Delta R.T. -0.002 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:252 Resp: 36556
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 18.1 13.0 19.6

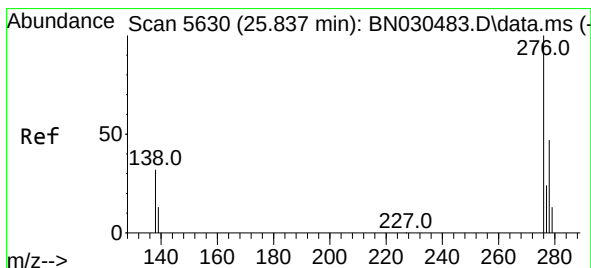
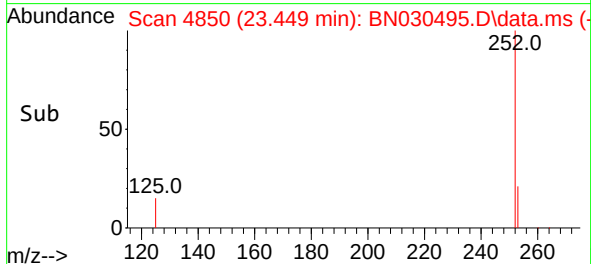
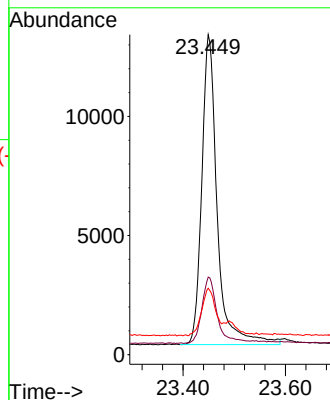
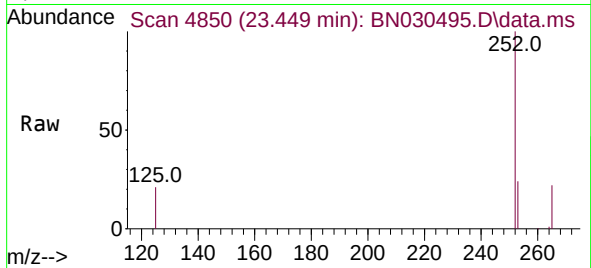




#26
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.449 min Scan# 4853
Delta R.T. -0.002 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

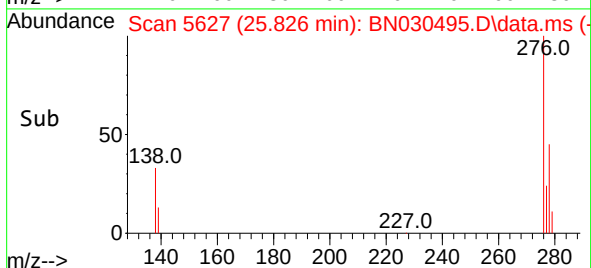
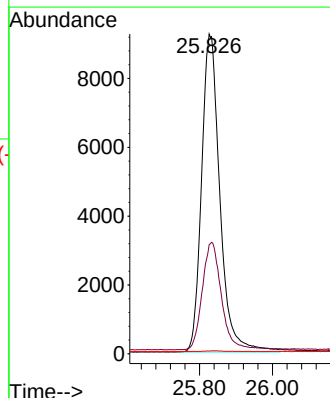
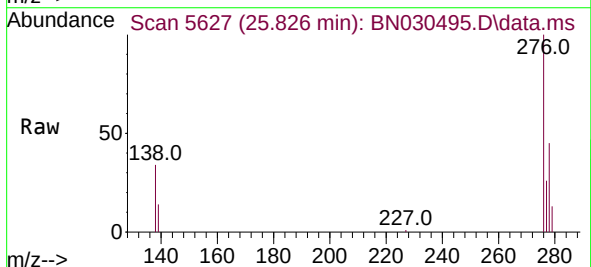
Instrument :
BNA_N
ClientSampleId :
SLCS747

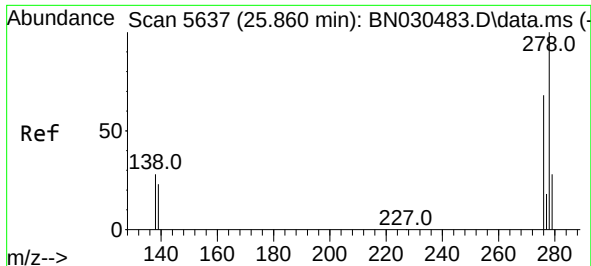
Tgt Ion:	252	Resp:	27164
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.7	28.1
125	20.7	15.4	23.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng/ul
RT: 25.826 min Scan# 5627
Delta R.T. -0.010 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:	276	Resp:	32229
Ion Ratio	Lower	Upper	
276	100		
138	35.4	28.6	43.0
227	0.2	0.2	0.2

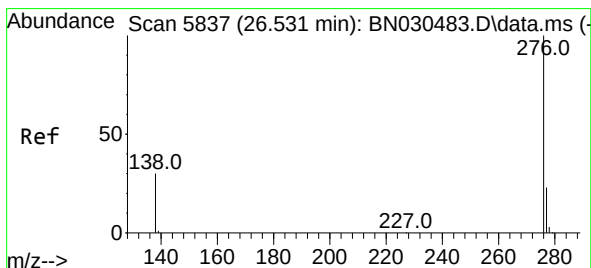
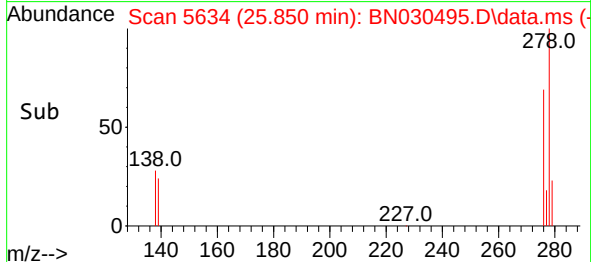
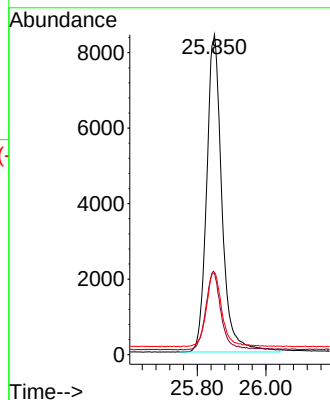
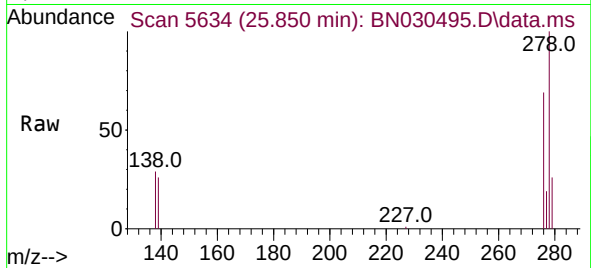




#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 25.850 min Scan# 5634
Delta R.T. -0.003 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Instrument :
BNA_N
ClientSampleId :
SLCS747

Tgt Ion:278 Resp: 25951
Ion Ratio Lower Upper
278 100
139 25.7 20.1 30.1
279 25.6 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 26.521 min Scan# 5834
Delta R.T. -0.003 min
Lab File: BN030495.D
Acq: 25 Mar 2024 23:35

Tgt Ion:276 Resp: 26243
Ion Ratio Lower Upper
276 100
138 32.4 25.2 37.8
277 24.6 19.3 28.9

