

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034825.D
 Acq On : 02 Nov 2024 04:01
 Operator : RC/JU
 Sample : P4535-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E1L68MS

Quant Time: Nov 03 23:29:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

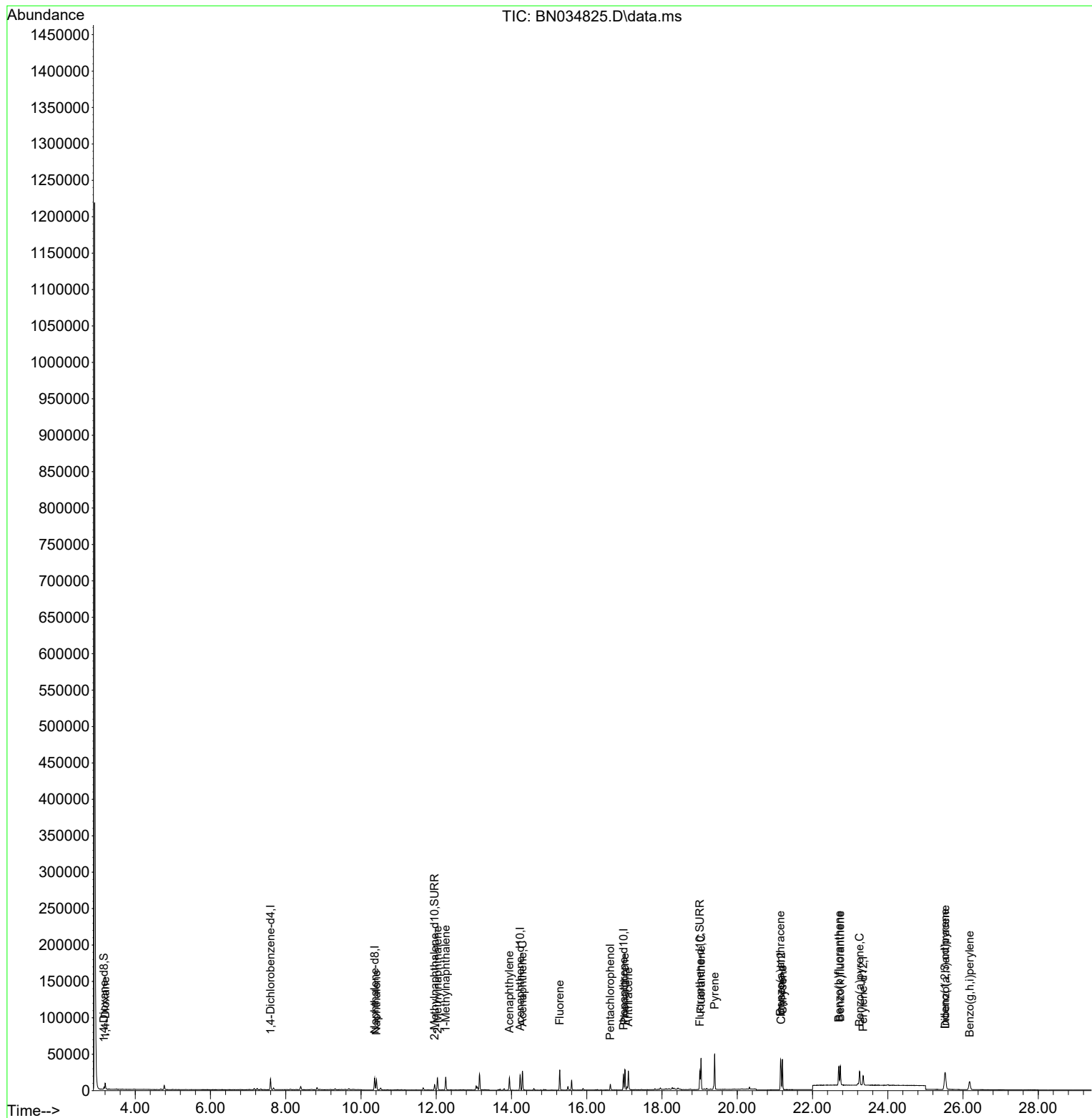
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	7047	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	20741	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.226	164	10954	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	22559	0.400	ng/ul	0.00
17) Chrysene-d12	21.166	240	17792	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	16362	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	1913	0.262	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.956	152	8747	0.336	ng/ul	-0.01
18) Fluoranthene-d10	19.005	212	24570	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.203	88	5478	0.684	ng/ul#	91
5) Naphthalene	10.410	128	18583	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.033	142	11520	0.323	ng/ul	100
8) 1-Methylnaphthalene	12.253	142	11877	0.327	ng/ul	99
10) Acenaphthylene	13.944	152	18743	0.376	ng/ul	100
11) Acenaphthene	14.291	153	14433	0.378	ng/ul	100
12) Fluorene	15.281	166	16840	0.396	ng/ul	100
14) Pentachlorophenol	16.624	266	4946	1.111	ng/ul	99
15) Phenanthrene	17.013	178	29327	0.430	ng/ul	100
16) Anthracene	17.106	178	27023	0.428	ng/ul	99
19) Fluoranthene	19.037	202	34641	0.401	ng/ul	99
20) Pyrene	19.400	202	37401	0.416	ng/ul	99
21) Benzo(a)anthracene	21.148	228	32540	0.457	ng/ul	100
22) Chrysene	21.201	228	32082	0.450	ng/ul	100
24) Benzo(b)fluoranthene	22.697	252	29670	0.446	ng/ul	88
25) Benzo(k)fluoranthene	22.738	252	30063	0.448	ng/ul#	88
26) Benzo(a)pyrene	23.249	252	24917	0.435	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.517	276	26812	0.439	ng/ul	99
28) Dibenzo(a,h)anthracene	25.530	278	20694	0.448	ng/ul#	93
29) Benzo(g,h,i)perylene	26.174	276	20496	0.427	ng/ul	97

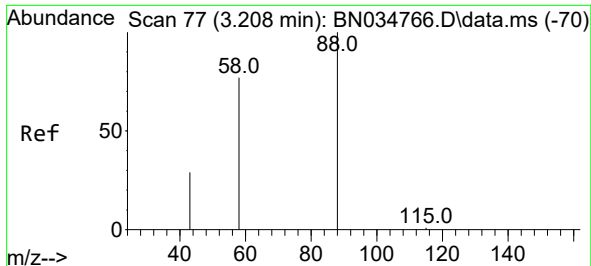
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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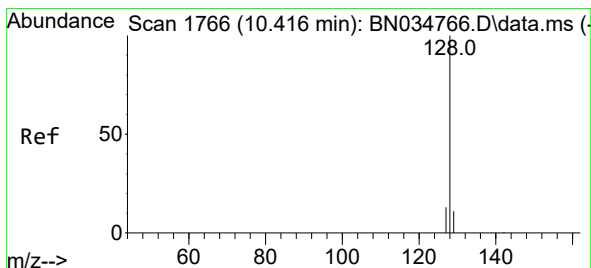
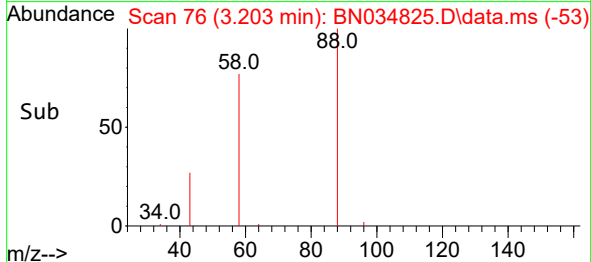
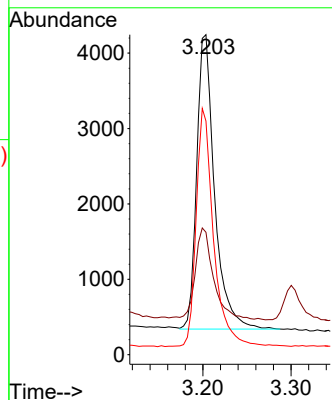
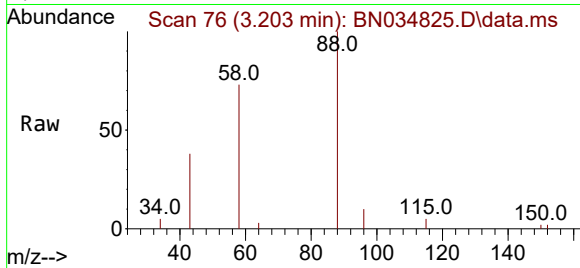




#2
1,4-Dioxane
Concen: 0.684 ng/ul
RT: 3.203 min Scan# 77
Delta R.T. -0.004 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

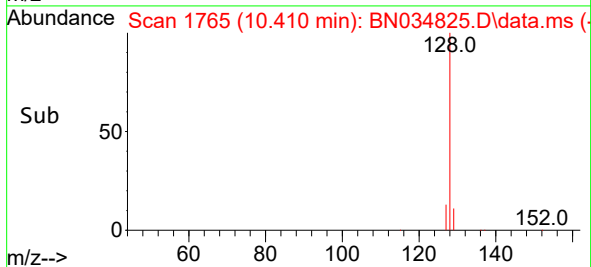
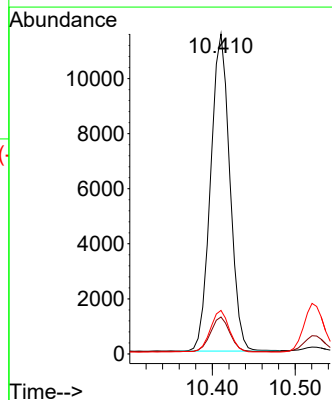
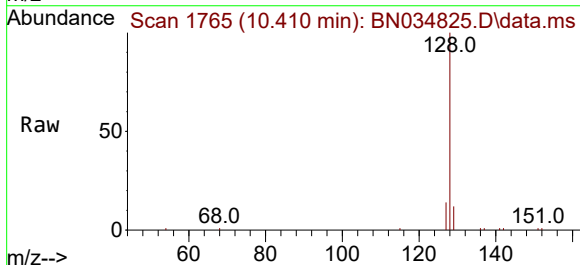
Instrument :
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E1L68MS

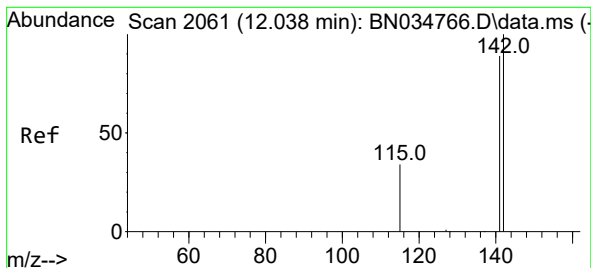
Tgt Ion: 88 Resp: 5478
Ion Ratio Lower Upper
88 100
43 38.3 41.9 62.9#
58 73.0 57.5 86.3



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.410 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion: 128 Resp: 18583
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.6 10.5 15.7

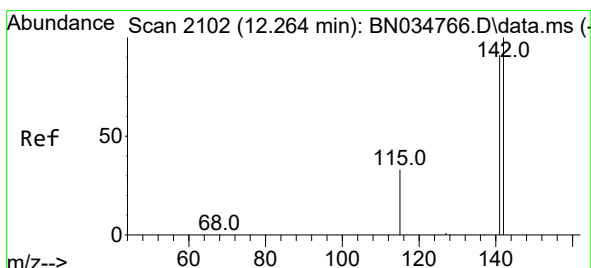
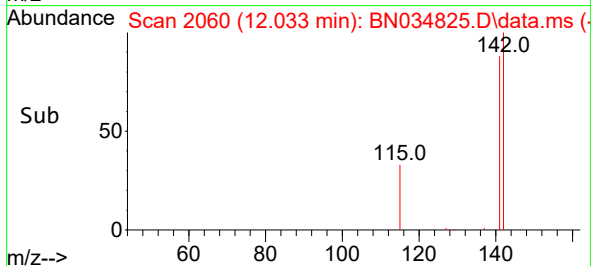
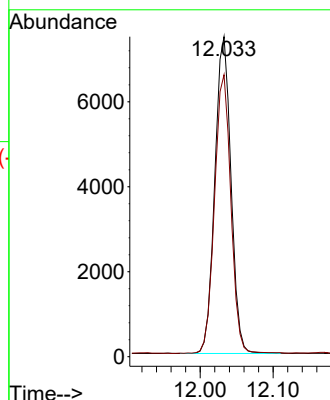
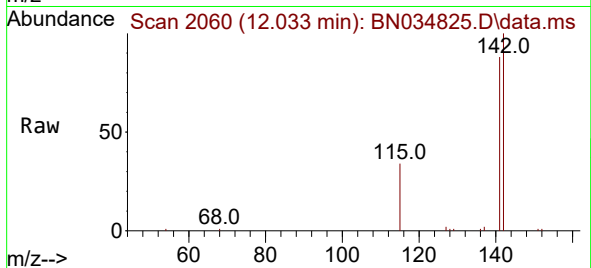




#7
2-Methylnaphthalene
Concen: 0.323 ng/ul
RT: 12.033 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

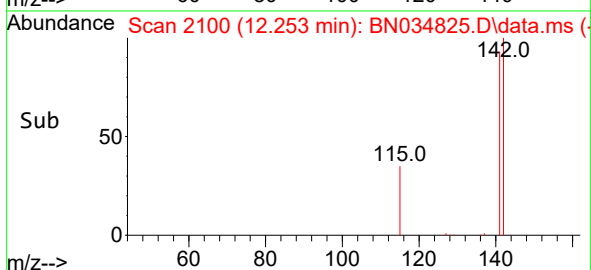
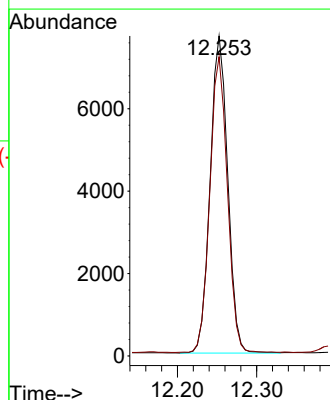
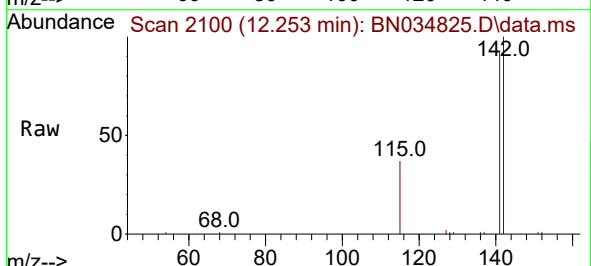
Instrument :
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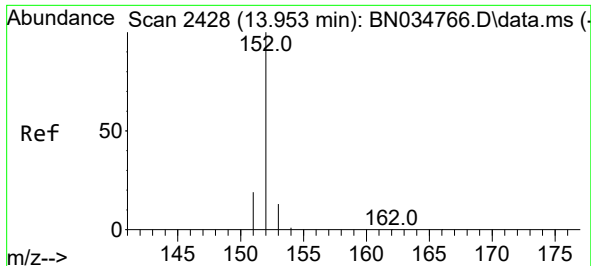
Tgt Ion:142 Resp: 11520
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.253 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:142 Resp: 11877
Ion Ratio Lower Upper
142 100
141 92.8 73.6 110.4

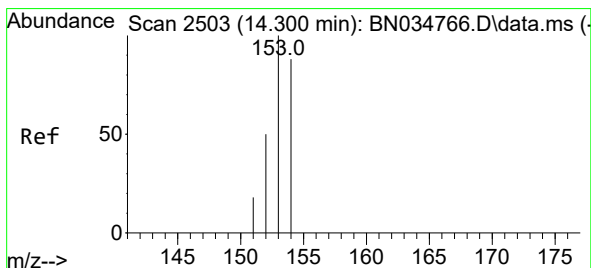
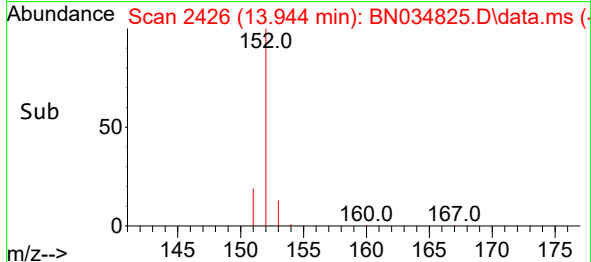
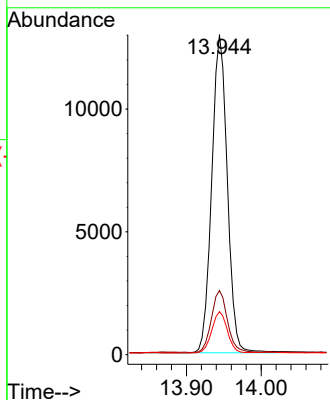
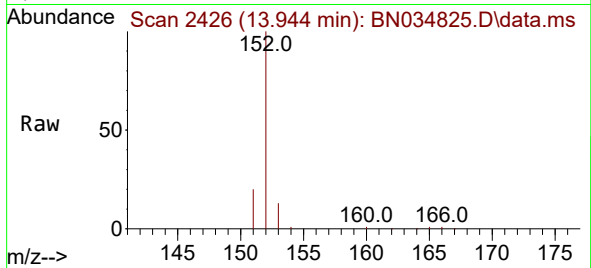




#10
Acenaphthylene
Concen: 0.376 ng/ul
RT: 13.944 min Scan# 2426
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

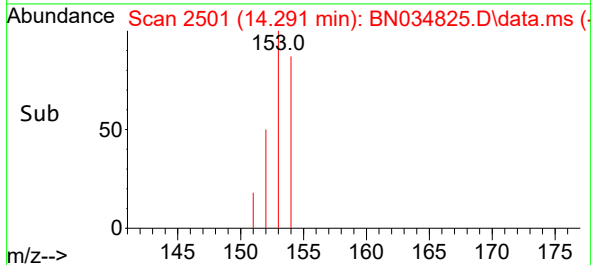
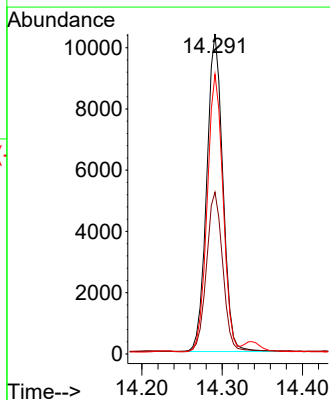
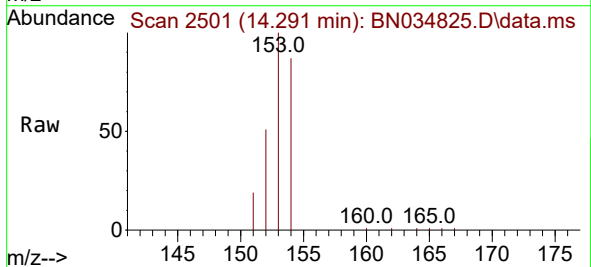
Instrument :
BNA_N
ClientSampleId :
E1L68MS

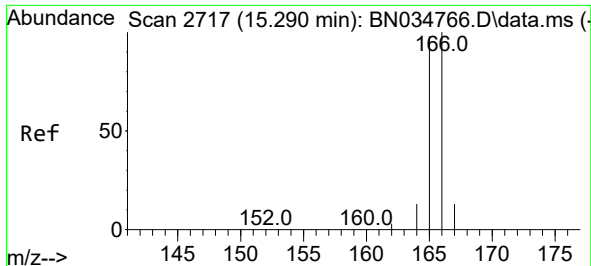
Tgt Ion:152 Resp: 18743
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.5 10.7 16.1



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.291 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:153 Resp: 14433
Ion Ratio Lower Upper
153 100
152 50.5 40.3 60.5
154 87.4 69.9 104.9

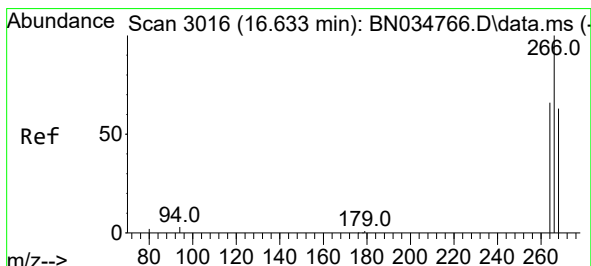
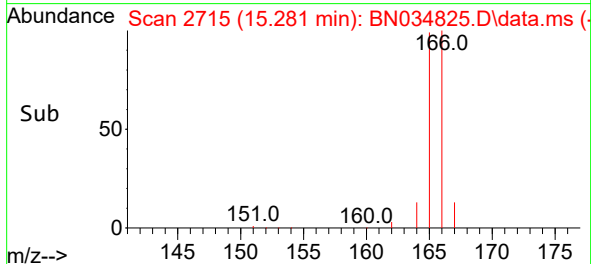
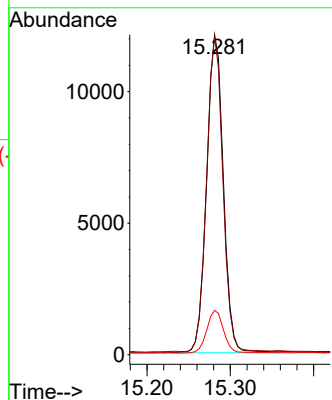
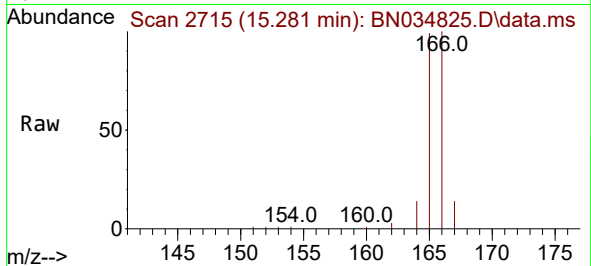




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.281 min Scan# 2715
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

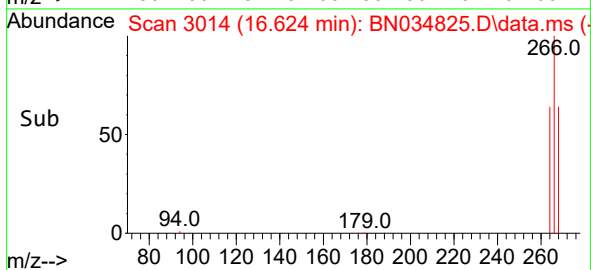
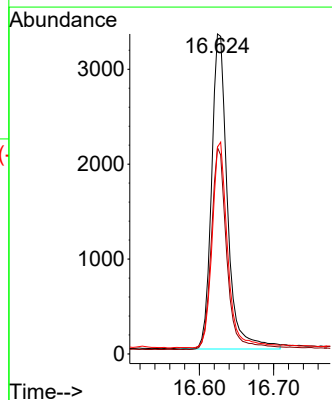
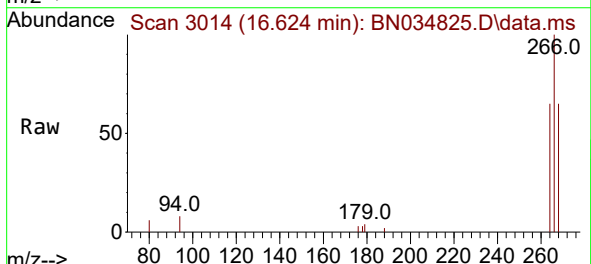
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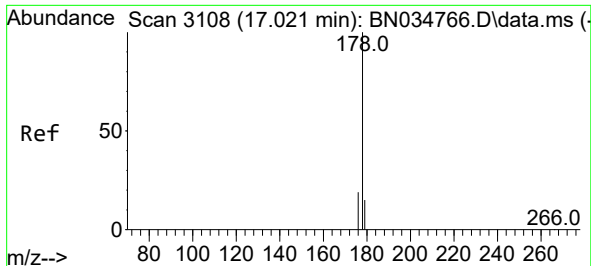
Tgt Ion:166 Resp: 16840
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 13.9 11.0 16.4



#14
Pentachlorophenol
Concen: 1.111 ng/ul
RT: 16.624 min Scan# 3014
Delta R.T. -0.013 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:266 Resp: 4946
Ion Ratio Lower Upper
266 100
264 62.9 50.1 75.1
268 63.6 52.0 78.0

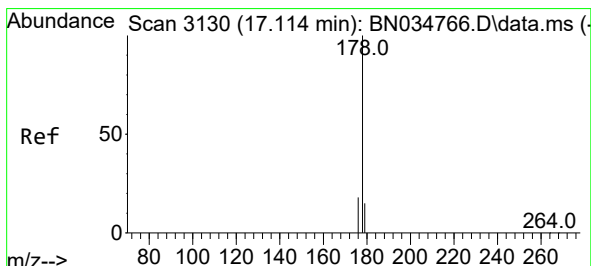
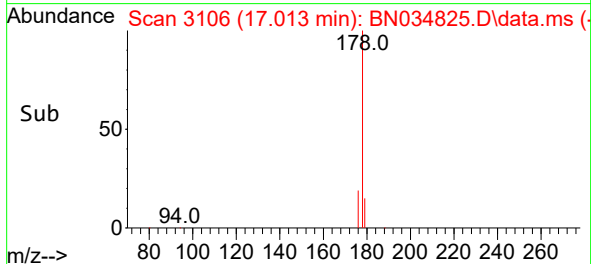
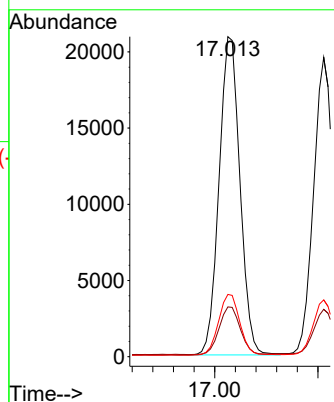
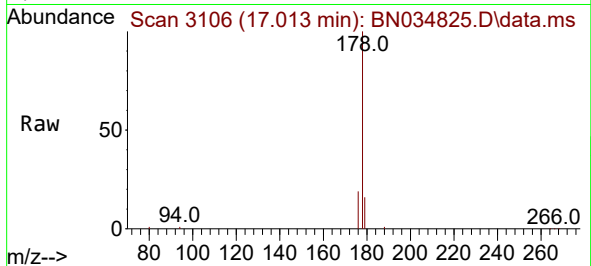




#15
Phenanthrene
Concen: 0.430 ng/ul
RT: 17.013 min Scan# 3106
Delta R.T. -0.013 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

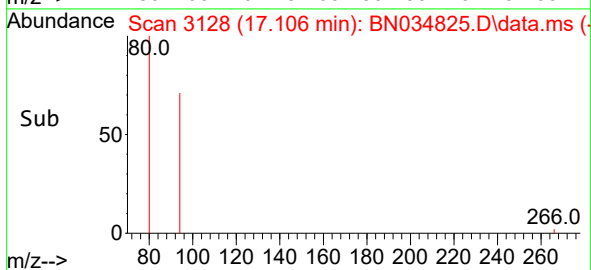
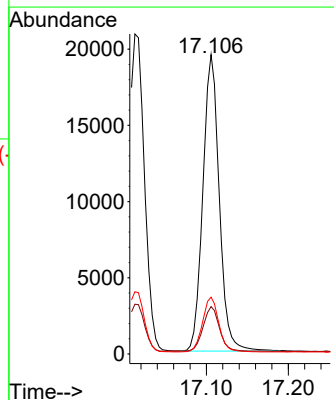
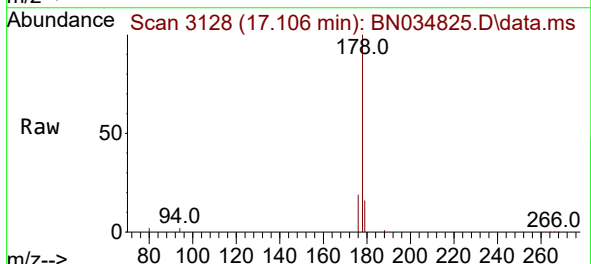
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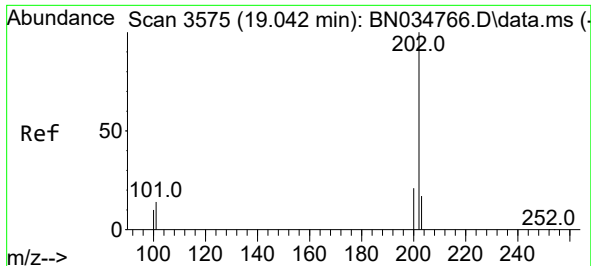
Tgt Ion:178 Resp: 29327
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.4 15.4 23.0



#16
Anthracene
Concen: 0.428 ng/ul
RT: 17.106 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:178 Resp: 27023
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.0 15.1 22.7

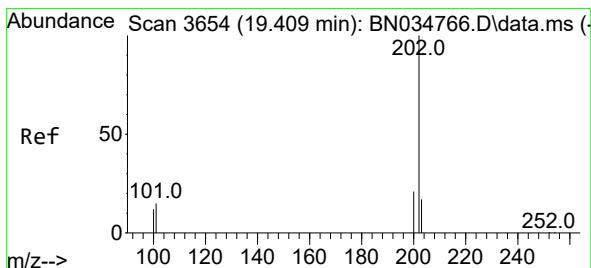
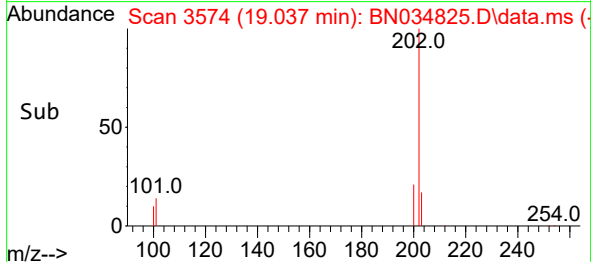
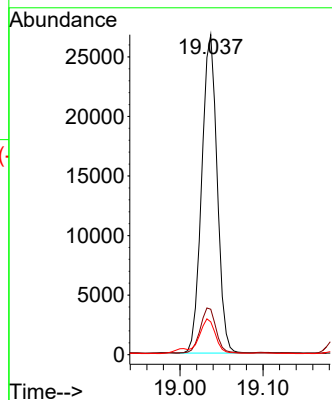
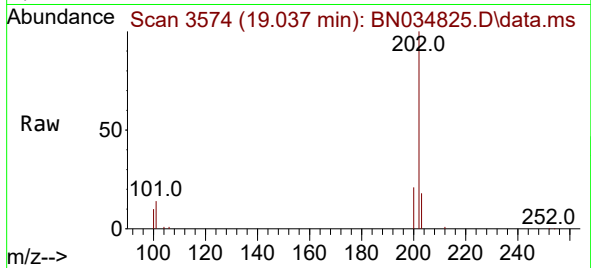




#19
Fluoranthene
Concen: 0.401 ng/ul
RT: 19.037 min Scan# 3574
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

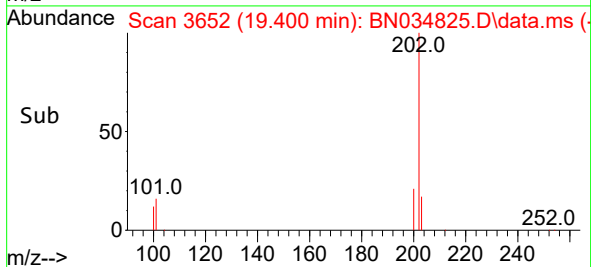
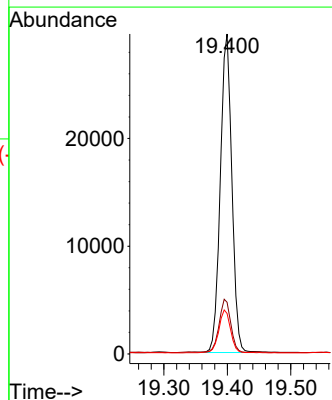
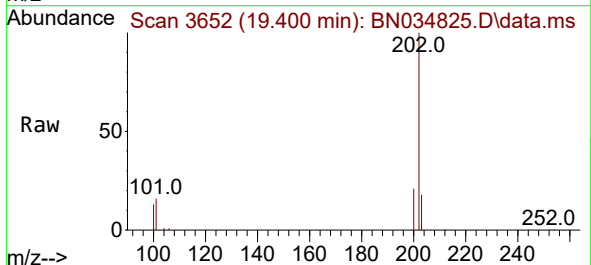
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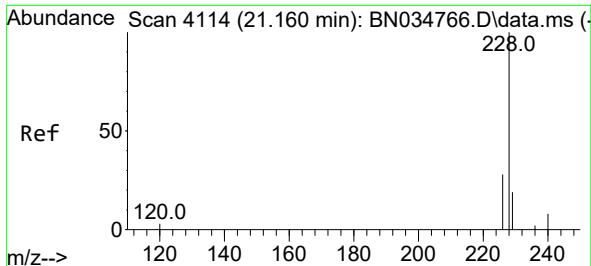
Tgt Ion:202 Resp: 34641
Ion Ratio Lower Upper
202 100
101 14.2 10.8 16.2
100 10.3 8.2 12.2



#20
Pyrene
Concen: 0.416 ng/ul
RT: 19.400 min Scan# 3652
Delta R.T. -0.009 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:202 Resp: 37401
Ion Ratio Lower Upper
202 100
101 16.2 12.4 18.6
100 12.6 10.0 15.0

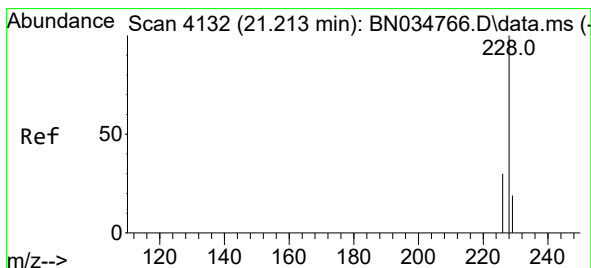
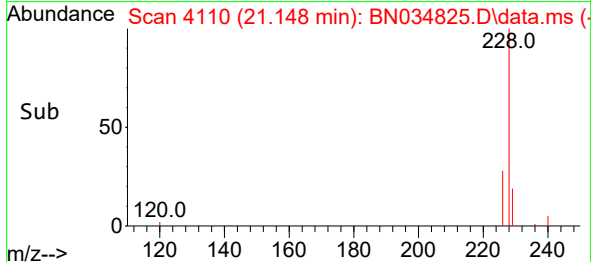
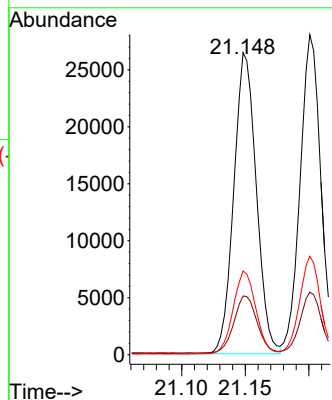
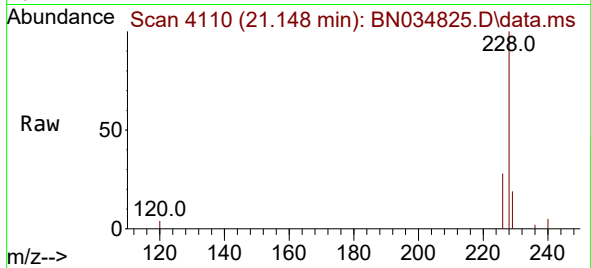




#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.148 min Scan# 4110
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

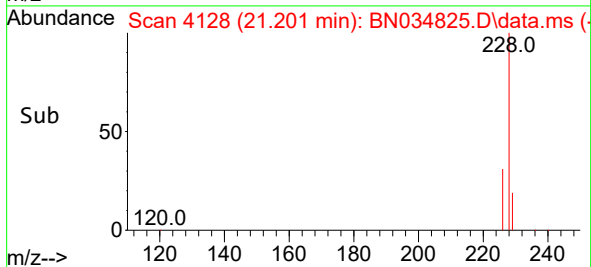
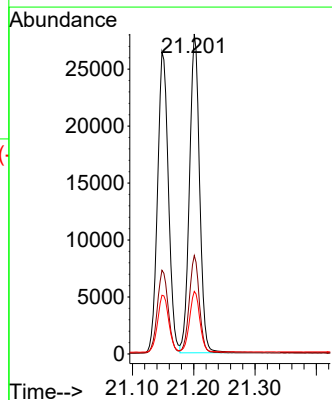
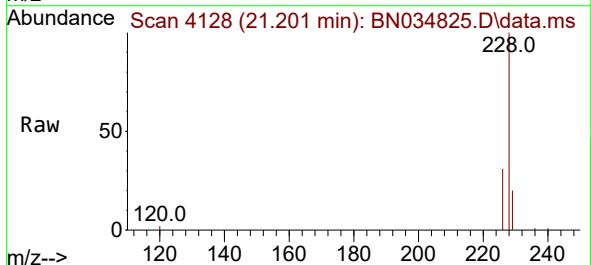
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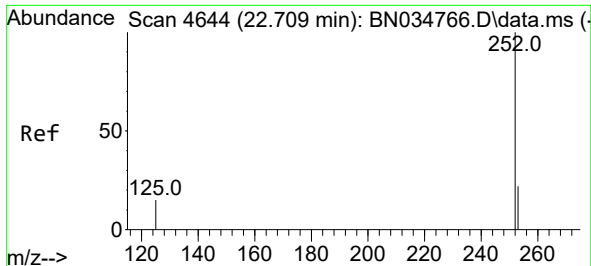
Tgt Ion:228 Resp: 32540
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.7 22.1 33.1



#22
Chrysene
Concen: 0.450 ng/ul
RT: 21.201 min Scan# 4128
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:228 Resp: 32082
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 19.5 15.6 23.4

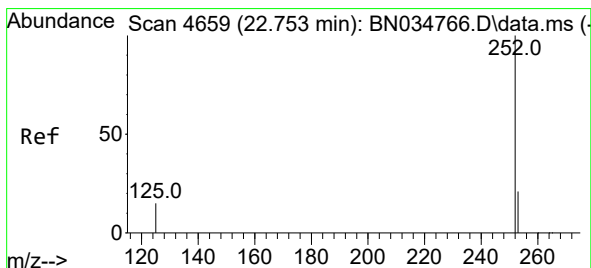
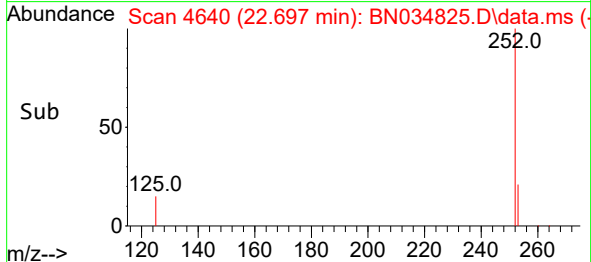
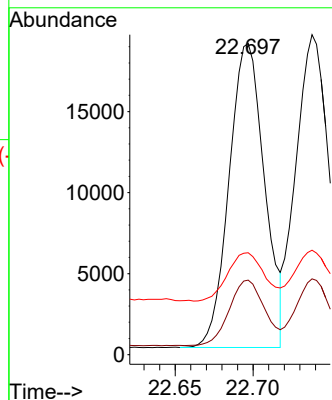
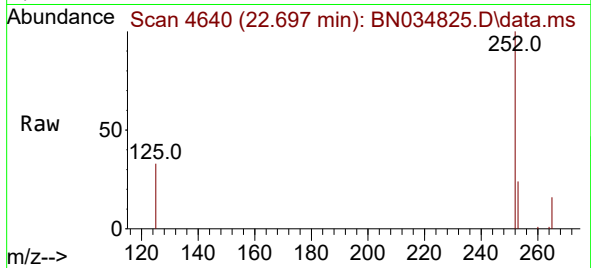




#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 22.697 min Scan# 4640
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

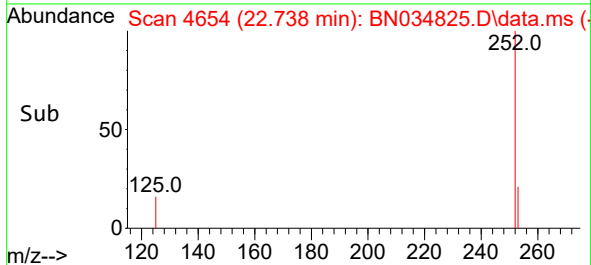
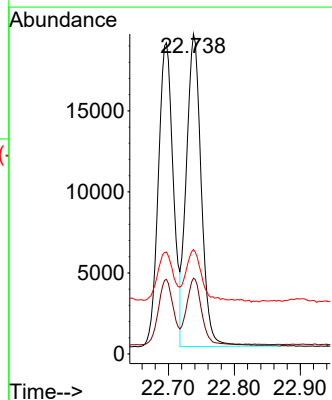
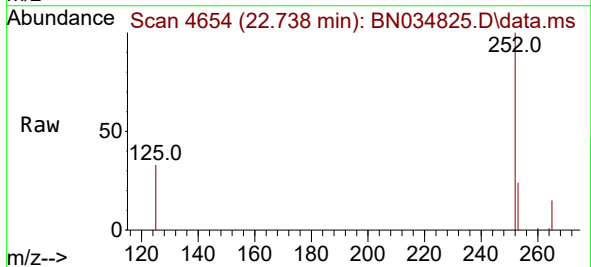
Instrument :
BNA_N
ClientSampleId :
E1L68MS

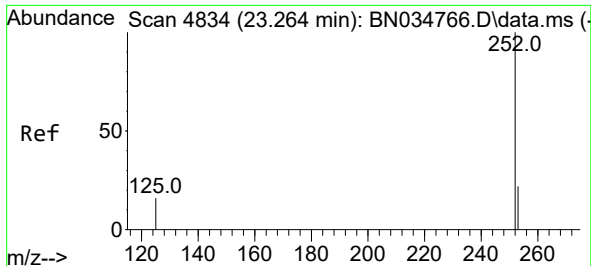
Tgt Ion:252 Resp: 29670
Ion Ratio Lower Upper
252 100
253 23.9 0.0 47.6
125 32.7 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.448 ng/ul
RT: 22.738 min Scan# 4654
Delta R.T. -0.012 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:252 Resp: 30063
Ion Ratio Lower Upper
252 100
253 23.7 19.1 28.7
125 32.7 17.0 25.4#

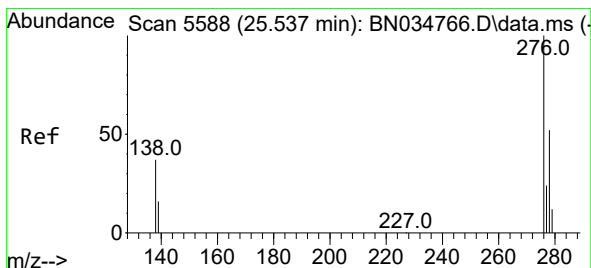
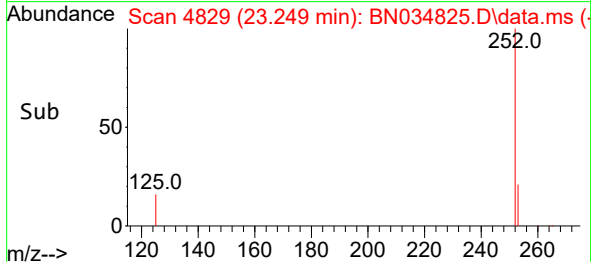
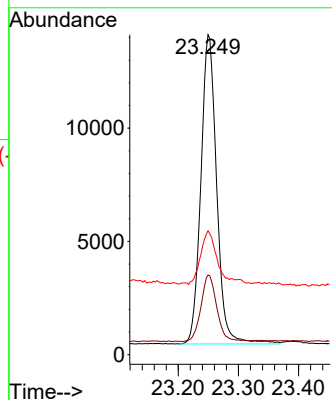
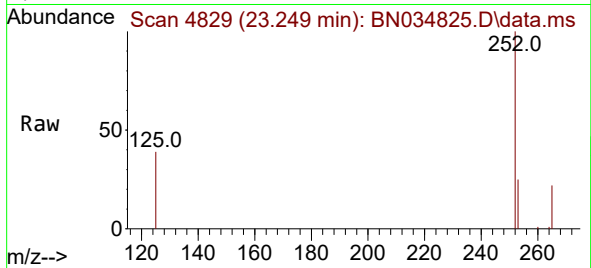




#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.249 min Scan# 4829
Delta R.T. -0.015 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

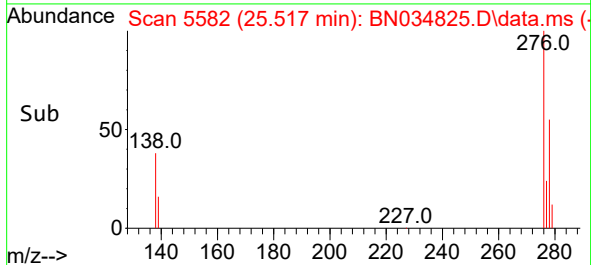
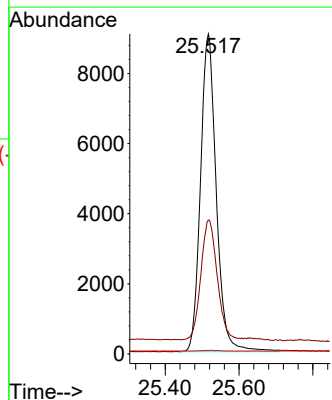
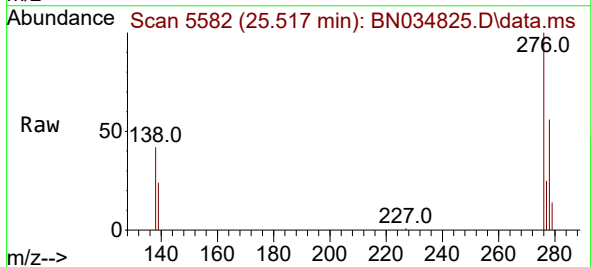
Instrument :
BNA_N
ClientSampleId :
E1L68MS

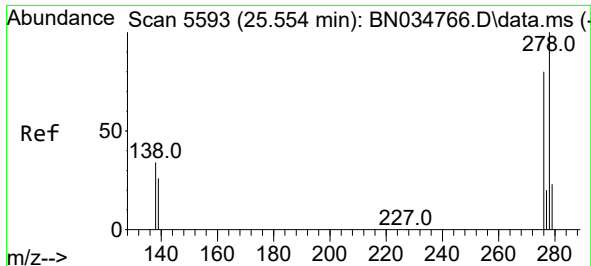
Tgt Ion:252 Resp: 24917
Ion Ratio Lower Upper
252 100
253 24.9 20.0 30.0
125 38.7 19.8 29.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 25.517 min Scan# 5582
Delta R.T. -0.020 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:276 Resp: 26812
Ion Ratio Lower Upper
276 100
138 39.2 31.8 47.6
227 0.3 0.2 0.4

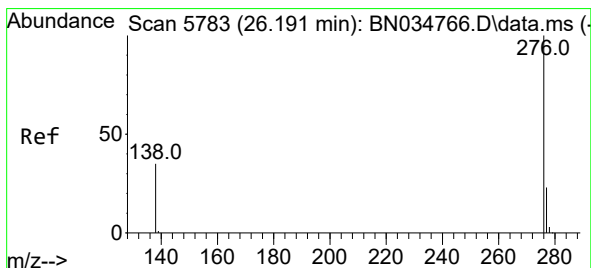
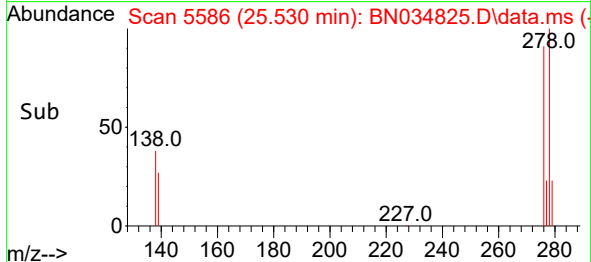
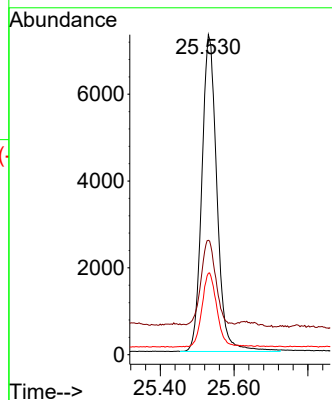
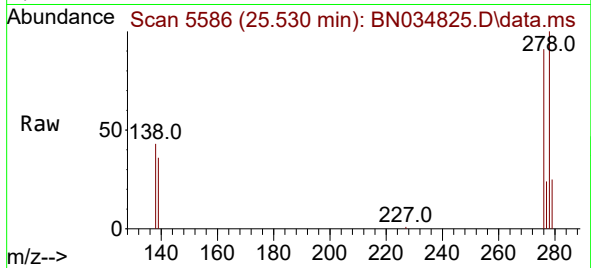




#28
Dibenzo(a,h)anthracene
Concen: 0.448 ng/ul
RT: 25.530 min Scan# 51
Delta R.T. -0.024 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Instrument :
BNA_N
ClientSampleId :
E1L68MS

Tgt Ion:278 Resp: 20694
Ion Ratio Lower Upper
278 100
139 35.8 23.4 35.2#
279 25.4 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 26.174 min Scan# 5778
Delta R.T. -0.020 min
Lab File: BN034825.D
Acq: 02 Nov 2024 04:01

Tgt Ion:276 Resp: 20496
Ion Ratio Lower Upper
276 100
138 38.3 28.8 43.2
277 24.6 20.2 30.2

