

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111624\
 Data File : BN035139.D
 Acq On : 16 Nov 2024 15:26
 Operator : RC/JU
 Sample : SSTD3.242
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD3.2228

Quant Time: Nov 18 00:35:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:33:27 2024
 Response via : Initial Calibration

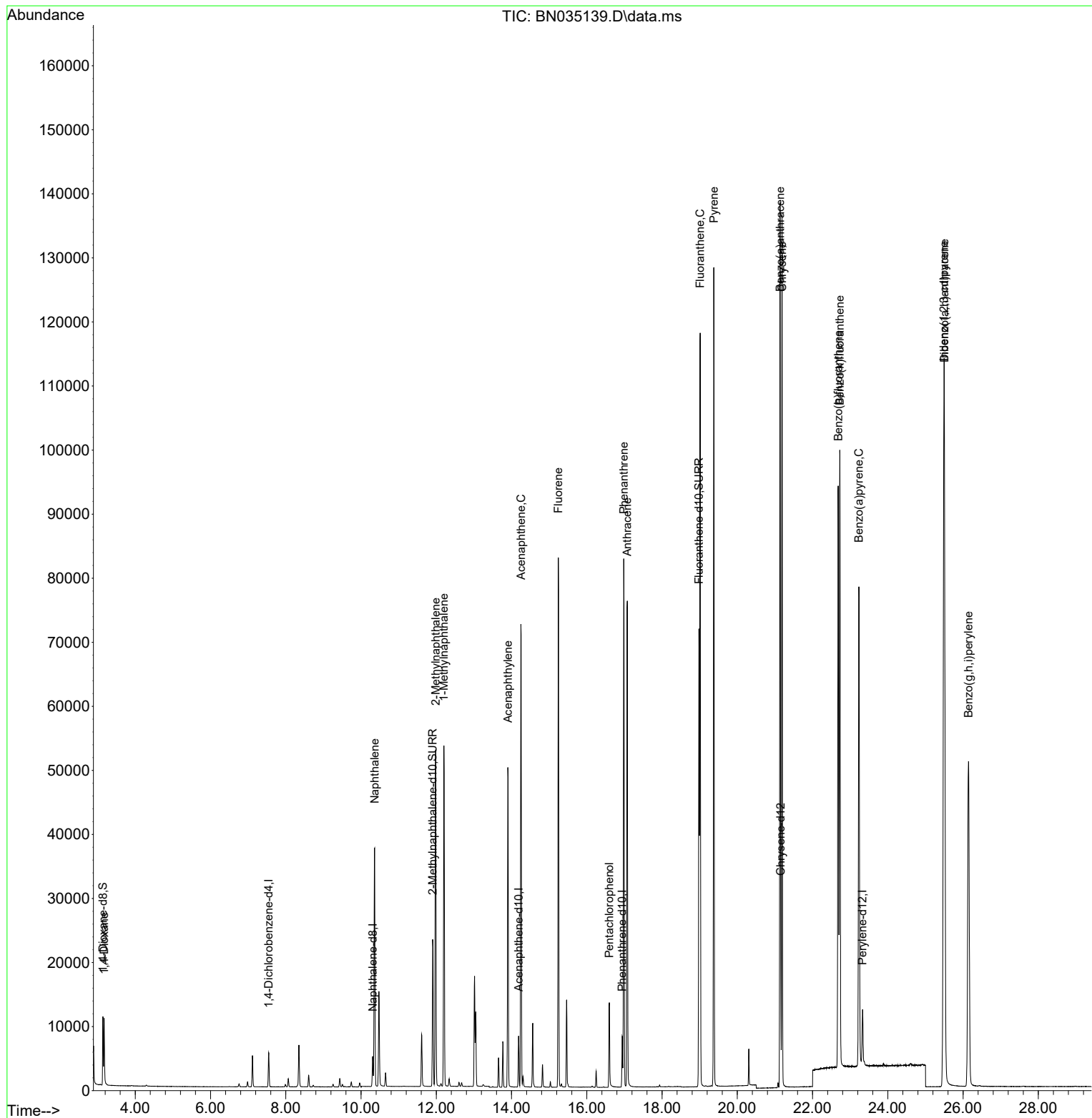
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	2668	0.400	ng/ul	0.00
4) Naphthalene-d8	10.311	136	6308	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.189	164	4256	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	9675	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	9994	0.400	ng/ul	0.00
23) Perylene-d12	23.328	264	10667	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	7416	2.921	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	29308	3.034	ng/ul	0.00
18) Fluoranthene-d10	18.981	212	81199	3.164	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.174	88	7993	2.873	ng/ul#	95
5) Naphthalene	10.361	128	49118	3.112	ng/ul	97
7) 2-Methylnaphthalene	11.983	142	35156	2.984	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	35235	2.978	ng/ul	99
10) Acenaphthylene	13.902	152	54751	3.149	ng/ul	99
11) Acenaphthene	14.249	153	40805	3.096	ng/ul	98
12) Fluorene	15.244	166	49242	2.937	ng/ul	98
14) Pentachlorophenol	16.599	266	8765	3.918	ng/ul	99
15) Phenanthrene	16.983	178	81341	3.146	ng/ul	99
16) Anthracene	17.076	178	78509	3.231	ng/ul	98
19) Fluoranthene	19.014	202	103869	3.110	ng/ul	97
20) Pyrene	19.376	202	107971	3.118	ng/ul	99
21) Benzo(a)anthracene	21.136	228	110368	3.049	ng/ul	99
22) Chrysene	21.189	228	107137	2.901	ng/ul	99
24) Benzo(b)fluoranthene	22.682	252	111579	2.975	ng/ul	91
25) Benzo(k)fluoranthene	22.723	252	114928	2.928	ng/ul#	90
26) Benzo(a)pyrene	23.232	252	103069	3.076	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.490	276	139582	3.405	ng/ul	99
28) Dibenzo(a,h)anthracene	25.503	278	109493	3.429	ng/ul	93
29) Benzo(g,h,i)perylene	26.147	276	107760	3.442	ng/ul	96

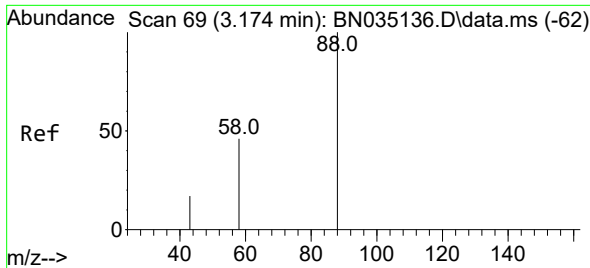
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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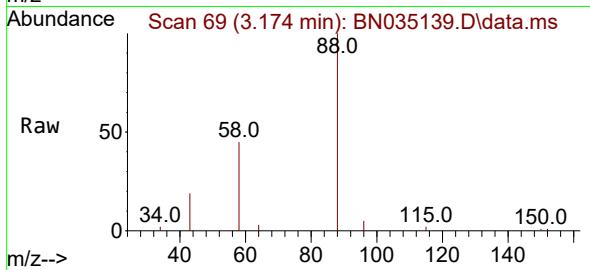
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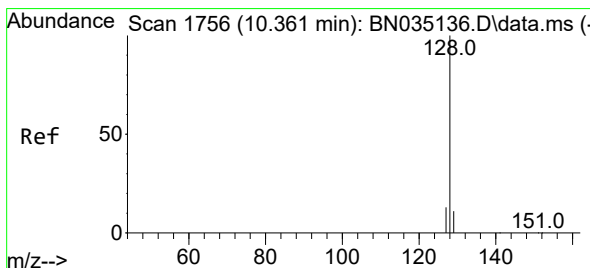
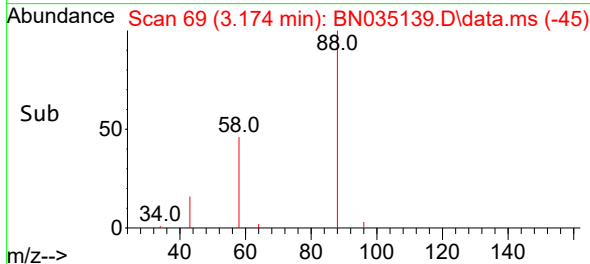
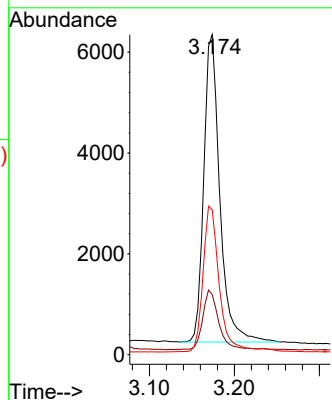


#2
1,4-Dioxane
Concen: 2.873 ng/ul
RT: 3.174 min Scan# 69
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

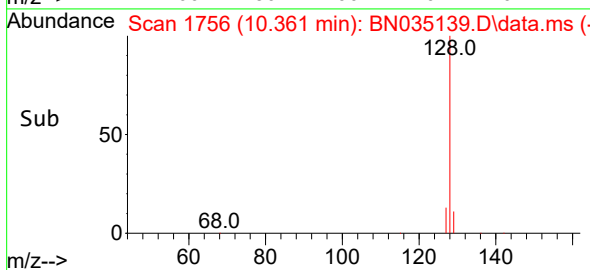
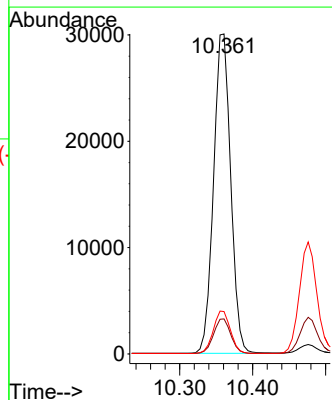
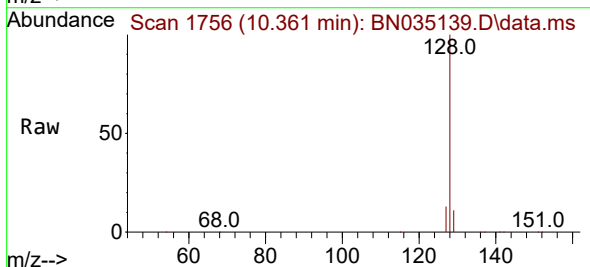


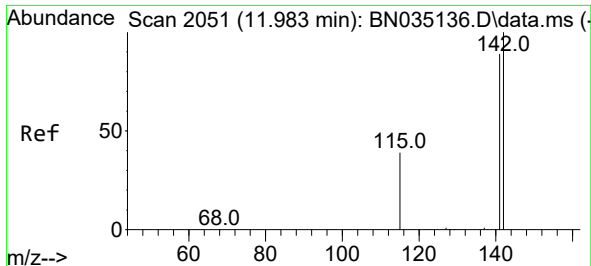
Tgt Ion: 88 Resp: 7993
Ion Ratio Lower Upper
88 100
43 18.8 20.6 31.0#
58 45.3 36.2 54.4



#5
Naphthalene
Concen: 3.112 ng/ul
RT: 10.361 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Tgt Ion: 128 Resp: 49118
Ion Ratio Lower Upper
128 100
129 10.9 9.9 14.9
127 13.2 11.4 17.2

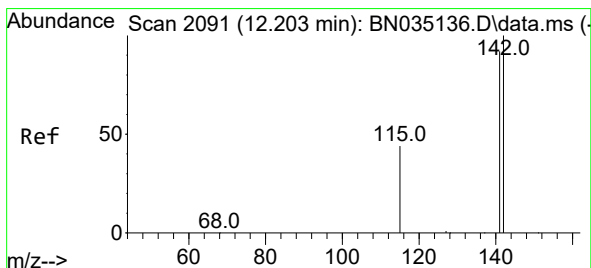
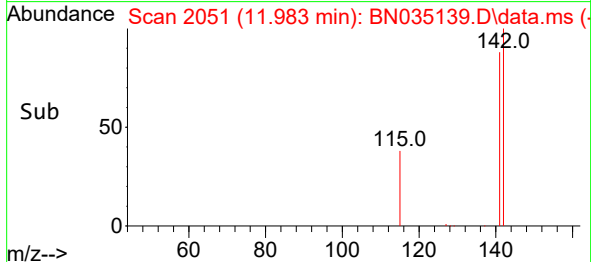
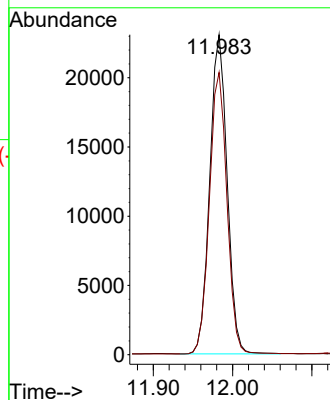
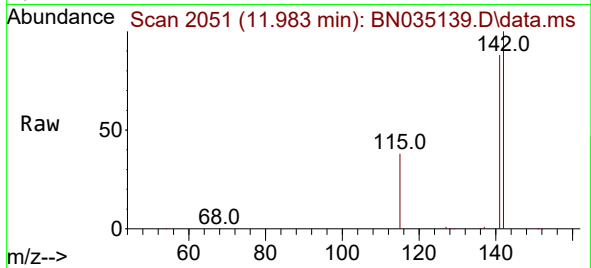




#7
2-Methylnaphthalene
Concen: 2.984 ng/ul
RT: 11.983 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

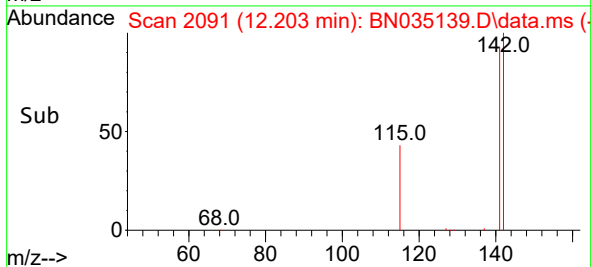
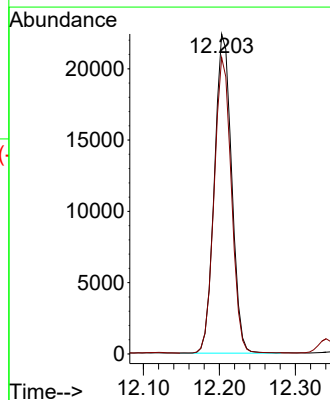
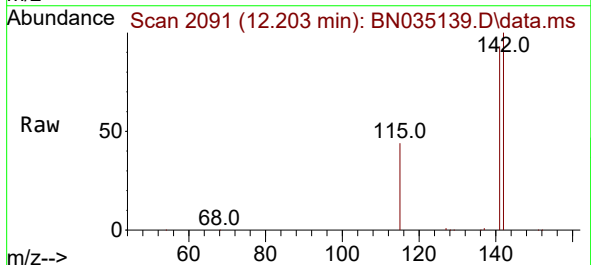
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

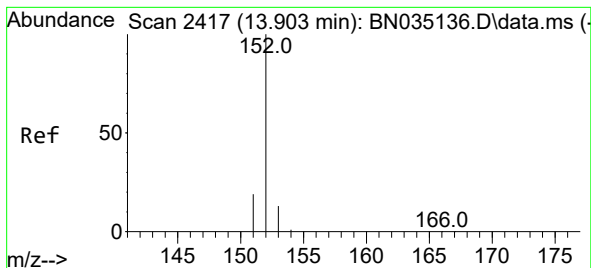
Tgt Ion:142 Resp: 35156
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6



#8
1-Methylnaphthalene
Concen: 2.978 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Tgt Ion:142 Resp: 35235
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#10

Acenaphthylene

Concen: 3.149 ng/ul

RT: 13.902 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BN035139.D

Acq: 16 Nov 2024 15:26

Instrument :

BNA_N

ClientSampleId :

SSTD3.2228

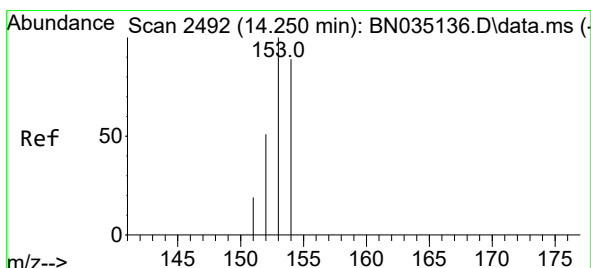
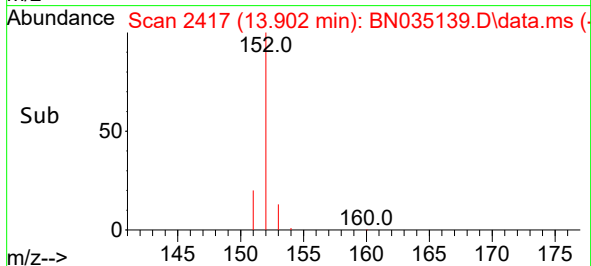
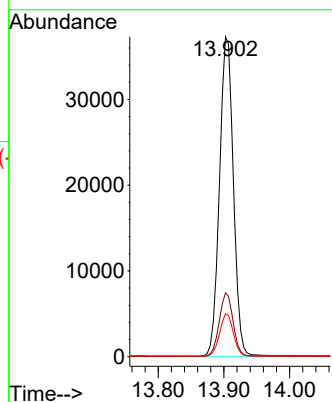
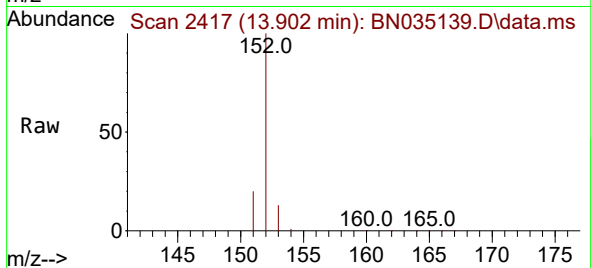
Tgt Ion:152 Resp: 54751

Ion Ratio Lower Upper

152 100

151 19.9 16.4 24.6

153 13.4 11.1 16.7



#11

Acenaphthene

Concen: 3.096 ng/ul

RT: 14.249 min Scan# 2492

Delta R.T. -0.000 min

Lab File: BN035139.D

Acq: 16 Nov 2024 15:26

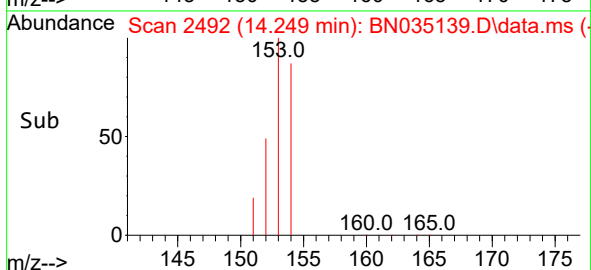
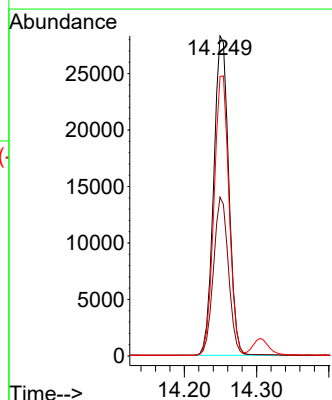
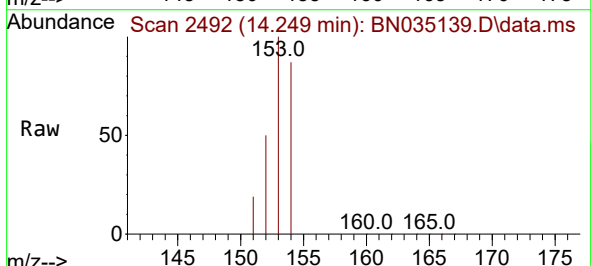
Tgt Ion:153 Resp: 40805

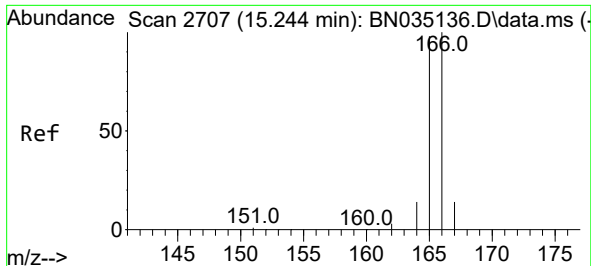
Ion Ratio Lower Upper

153 100

152 49.6 41.4 62.0

154 87.3 71.2 106.8

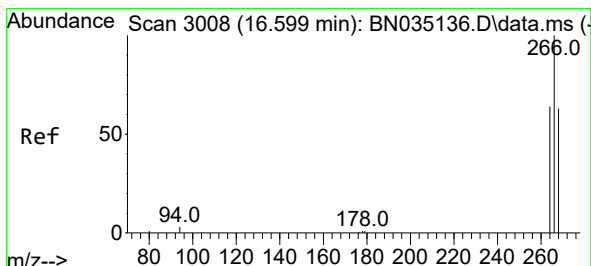
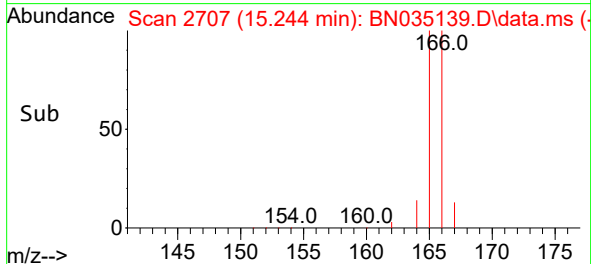
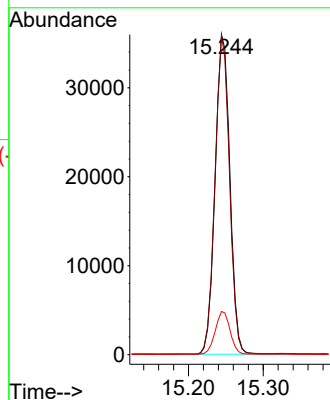
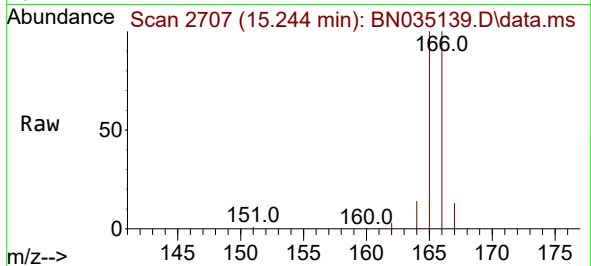




#12
Fluorene
Concen: 2.937 ng/ul
RT: 15.244 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

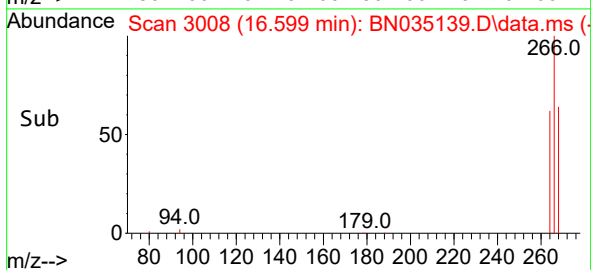
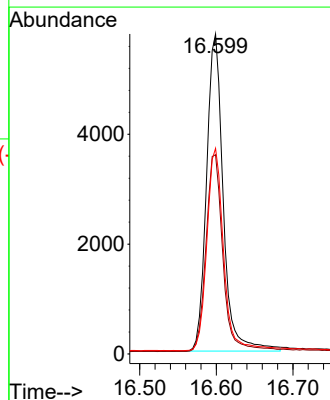
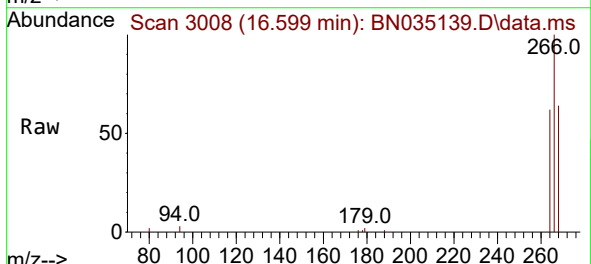
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

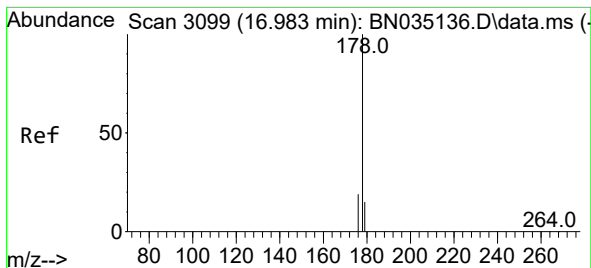
Tgt Ion:	166	Resp:	49242
Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.6	118.0
167	13.5	11.8	17.6



#14
Pentachlorophenol
Concen: 3.918 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Tgt Ion:	266	Resp:	8765
Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.8	77.6
268	63.7	51.3	76.9





#15

Phenanthrene

Concen: 3.146 ng/ul

RT: 16.983 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BN035139.D

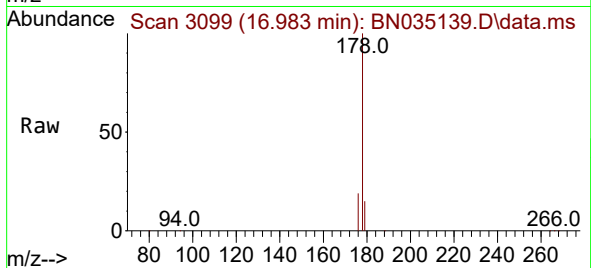
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Instrument :

BNA_N

ClientSampleId :

SSTD3.2228



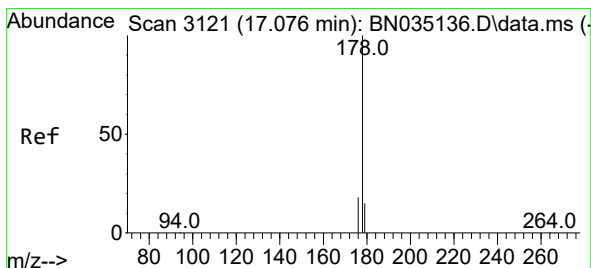
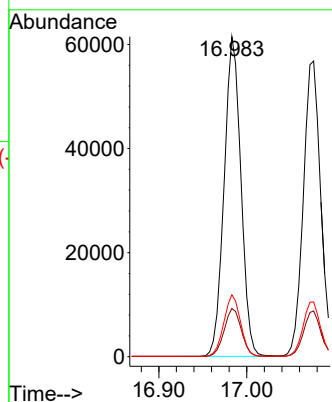
Tgt Ion:178 Resp: 81341

Ion Ratio Lower Upper

178 100

179 15.0 12.9 19.3

176 19.4 15.6 23.4



#16

Anthracene

Concen: 3.231 ng/ul

RT: 17.076 min Scan# 3121

Delta R.T. -0.000 min

Lab File: BN035139.D

Acq: 16 Nov 2024 15:26

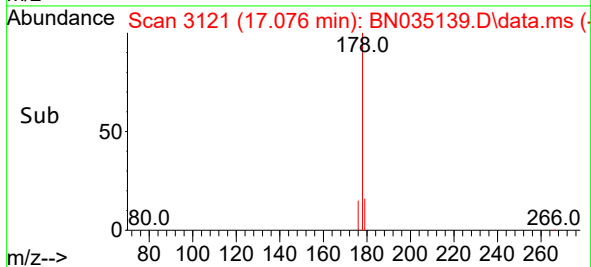
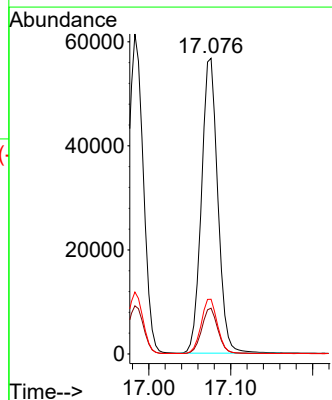
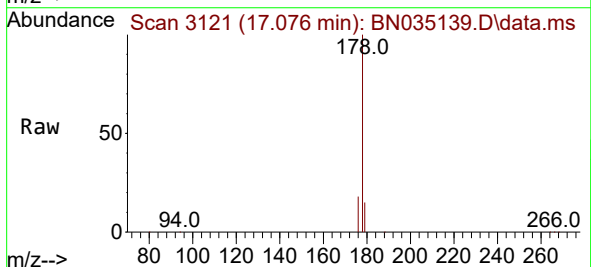
Tgt Ion:178 Resp: 78509

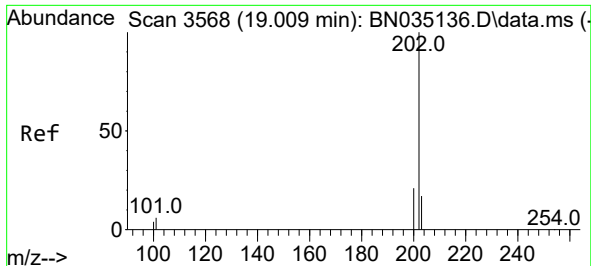
Ion Ratio Lower Upper

178 100

179 15.5 12.9 19.3

176 18.5 15.4 23.2

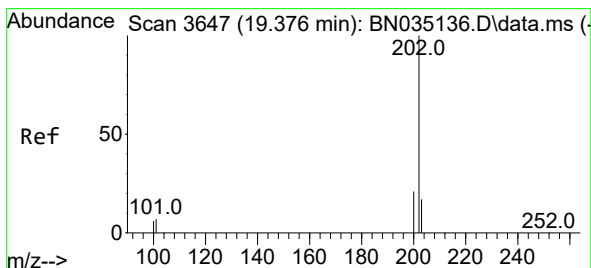
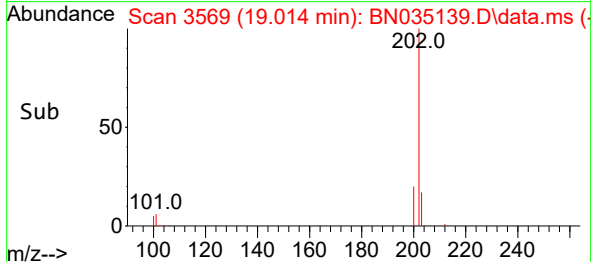
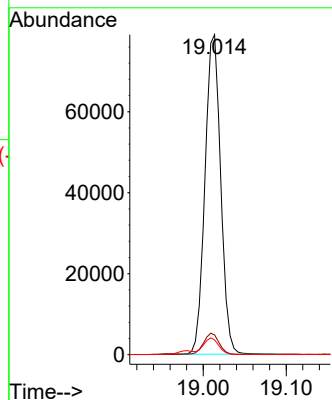
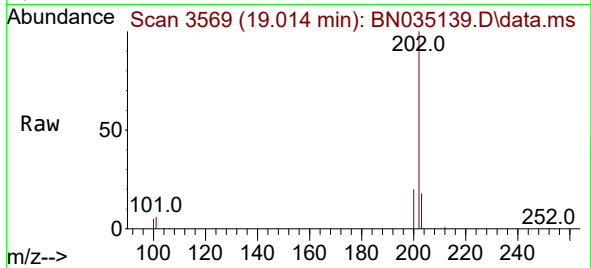




#19
Fluoranthene
Concen: 3.110 ng/ul
RT: 19.014 min Scan# 3569
Delta R.T. 0.004 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

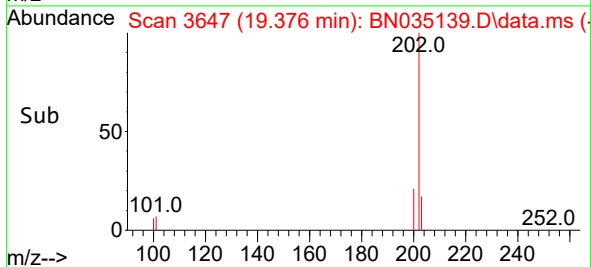
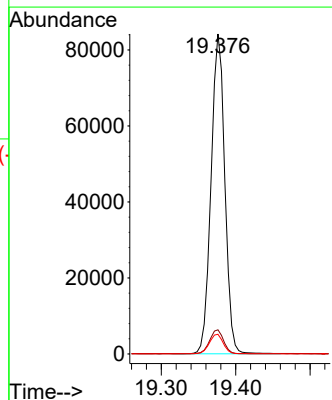
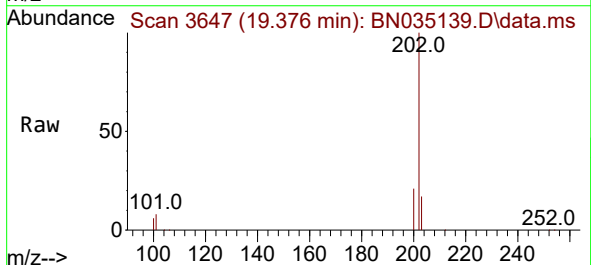
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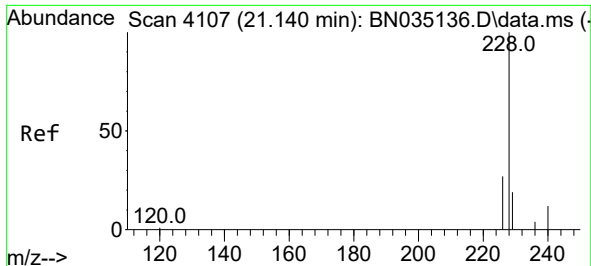
Tgt Ion:202 Resp: 103869
Ion Ratio Lower Upper
202 100
101 6.2 5.8 8.6
100 4.6 4.5 6.7



#20
Pyrene
Concen: 3.118 ng/ul
RT: 19.376 min Scan# 3647
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

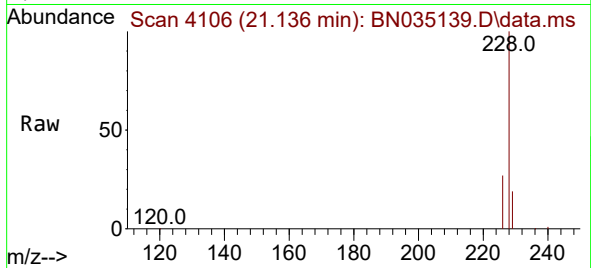
Tgt Ion:202 Resp: 107971
Ion Ratio Lower Upper
202 100
101 7.5 6.2 9.4
100 6.2 5.1 7.7



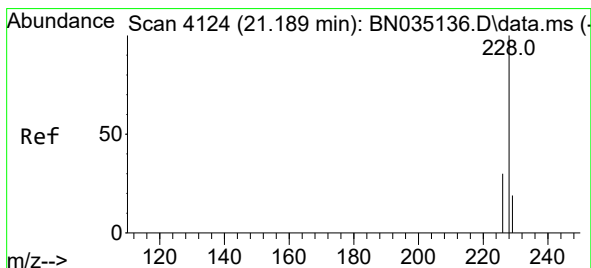
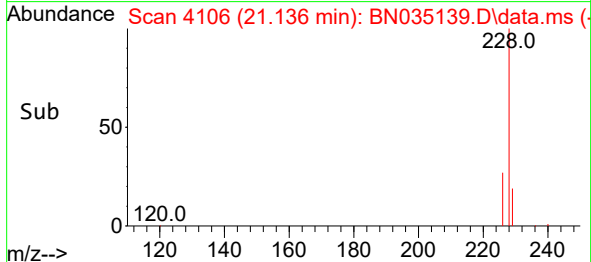
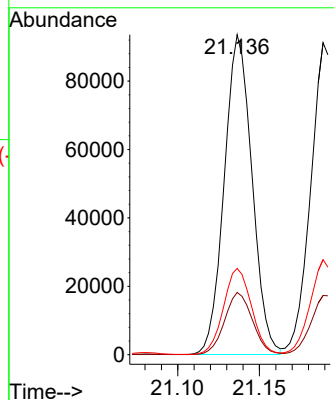


#21
Benzo(a)anthracene
Concen: 3.049 ng/ul
RT: 21.136 min Scan# 4106
Delta R.T. -0.003 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

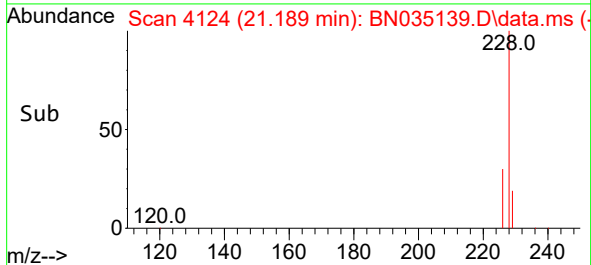
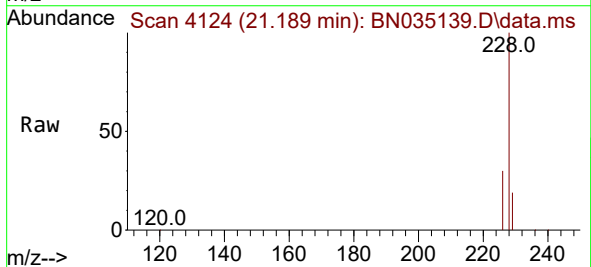
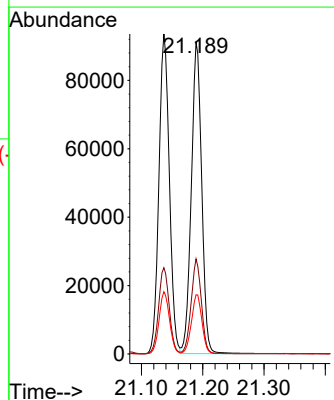


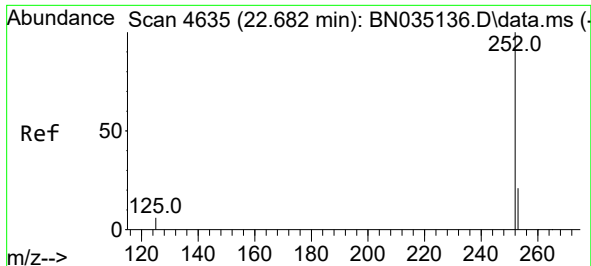
Tgt Ion:228 Resp: 110368
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.8
226 27.0 21.8 32.8



#22
Chrysene
Concen: 2.901 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Tgt Ion:228 Resp: 107137
Ion Ratio Lower Upper
228 100
226 30.5 24.7 37.1
229 19.0 16.0 24.0

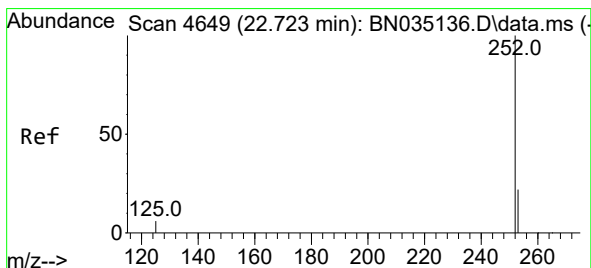
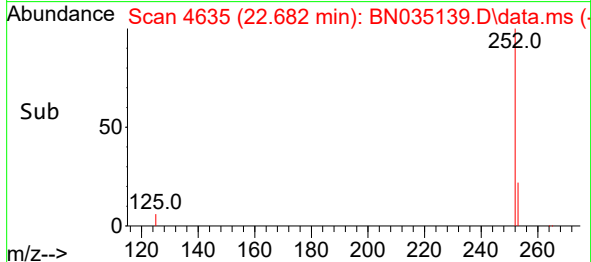
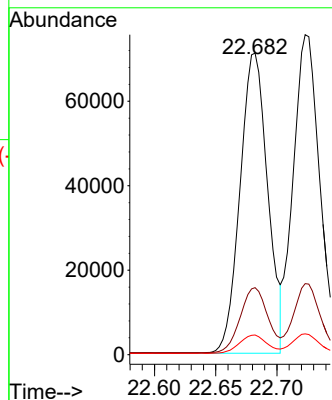
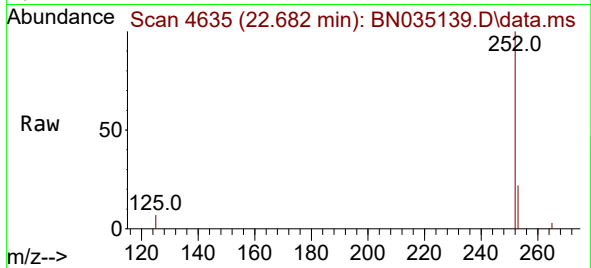




#24
Benzo(b)fluoranthene
Concen: 2.975 ng/ul
RT: 22.682 min Scan# 4635
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

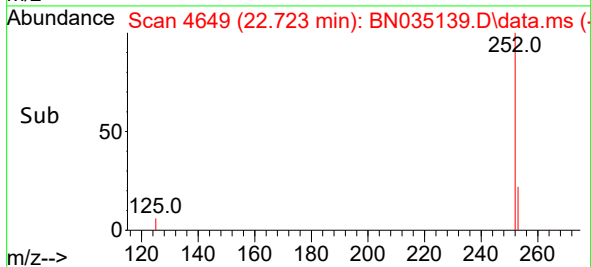
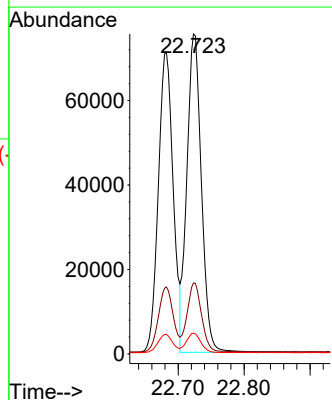
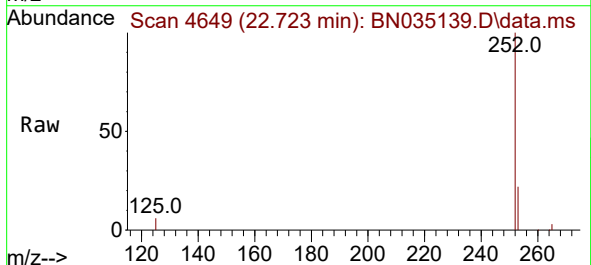
Instrument :
BNA_N
ClientSampleId :
SSTD3.2228

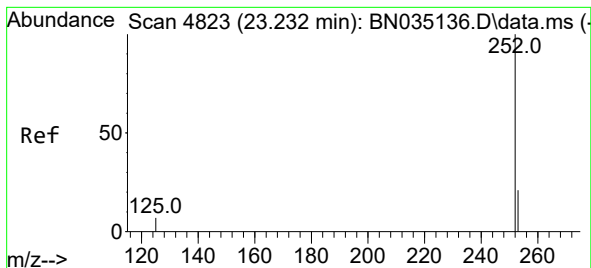
Tgt Ion:252 Resp: 111579
Ion Ratio Lower Upper
252 100
253 22.2 0.0 54.0
125 6.5 0.0 19.4



#25
Benzo(k)fluoranthene
Concen: 2.928 ng/ul
RT: 22.723 min Scan# 4649
Delta R.T. -0.000 min
Lab File: BN035139.D
Acq: 16 Nov 2024 15:26

Tgt Ion:252 Resp: 114928
Ion Ratio Lower Upper
252 100
253 22.2 21.8 32.6
125 6.5 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 3.076 ng/ul

RT: 23.232 min Scan# 4823

Delta R.T. -0.000 min

Lab File: BN035139.D

Acq: 16 Nov 2024 15:26

Instrument :

BNA_N

ClientSampleId :

SSTD3.2228

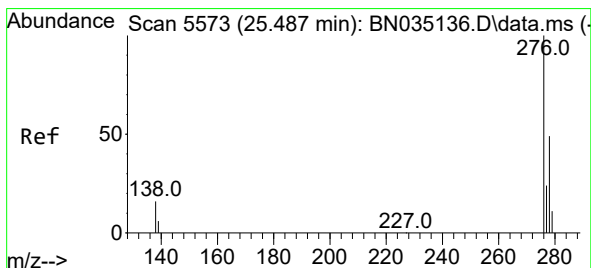
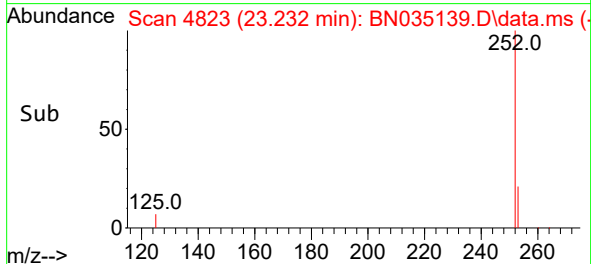
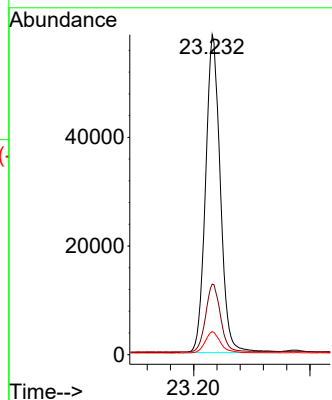
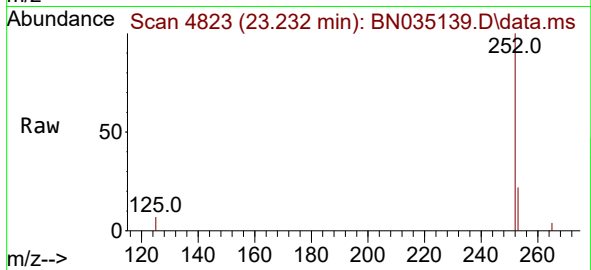
Tgt Ion:252 Resp: 103069

Ion Ratio Lower Upper

252 100

253 22.1 22.9 34.3#

125 7.2 9.4 14.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.405 ng/ul

RT: 25.490 min Scan# 5574

Delta R.T. 0.003 min

Lab File: BN035139.D

Acq: 16 Nov 2024 15:26

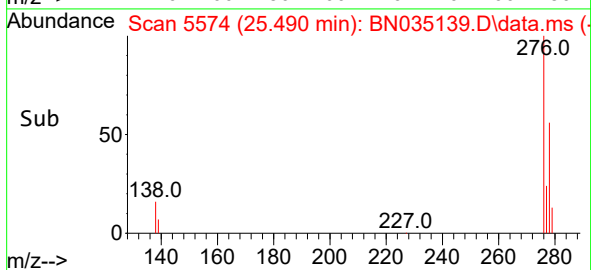
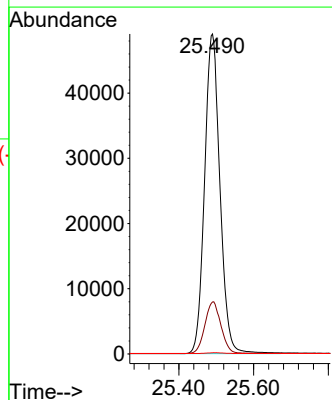
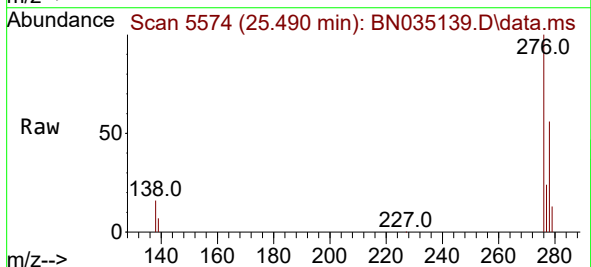
Tgt Ion:276 Resp: 139582

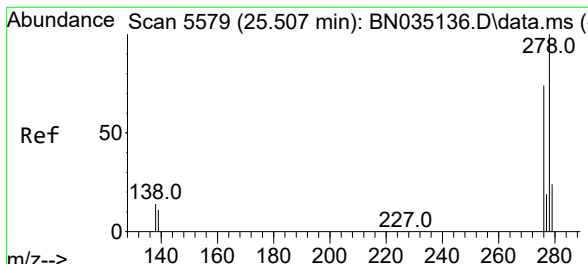
Ion Ratio Lower Upper

276 100

138 17.0 13.8 20.8

227 0.2 0.2 0.4



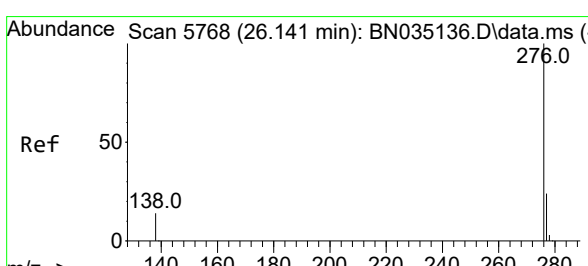
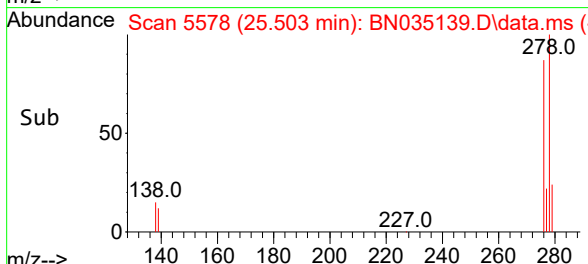
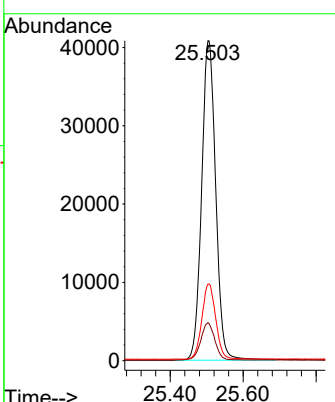
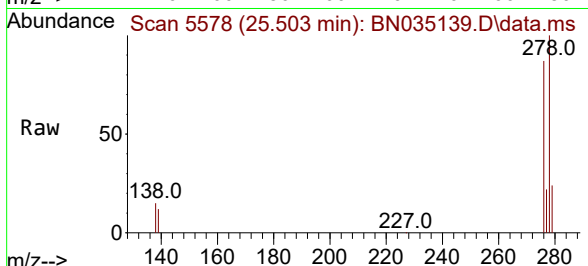


#28
 Dibenzo(a,h)anthracene
 Concen: 3.429 ng/ul
 RT: 25.503 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BN035139.D
 Acq: 16 Nov 2024 15:26

Instrument : BNA_N
 ClientSampleId : SSTD3.2228

Tgt Ion:278 Resp: 109493

Ion	Ratio	Lower	Upper
278	100		
139	11.9	10.7	16.1
279	24.0	22.8	34.2



#29
 Benzo(g,h,i)perylene
 Concen: 3.442 ng/ul
 RT: 26.147 min Scan# 5770
 Delta R.T. 0.006 min
 Lab File: BN035139.D
 Acq: 16 Nov 2024 15:26

Tgt Ion:276 Resp: 107760

Ion	Ratio	Lower	Upper
276	100		
138	14.5	13.0	19.6
277	23.7	20.5	30.7

