

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035332.D
 Acq On : 27 Nov 2024 01:30
 Operator : RC/JU
 Sample : PB165261BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS261

Quant Time: Nov 27 01:54:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

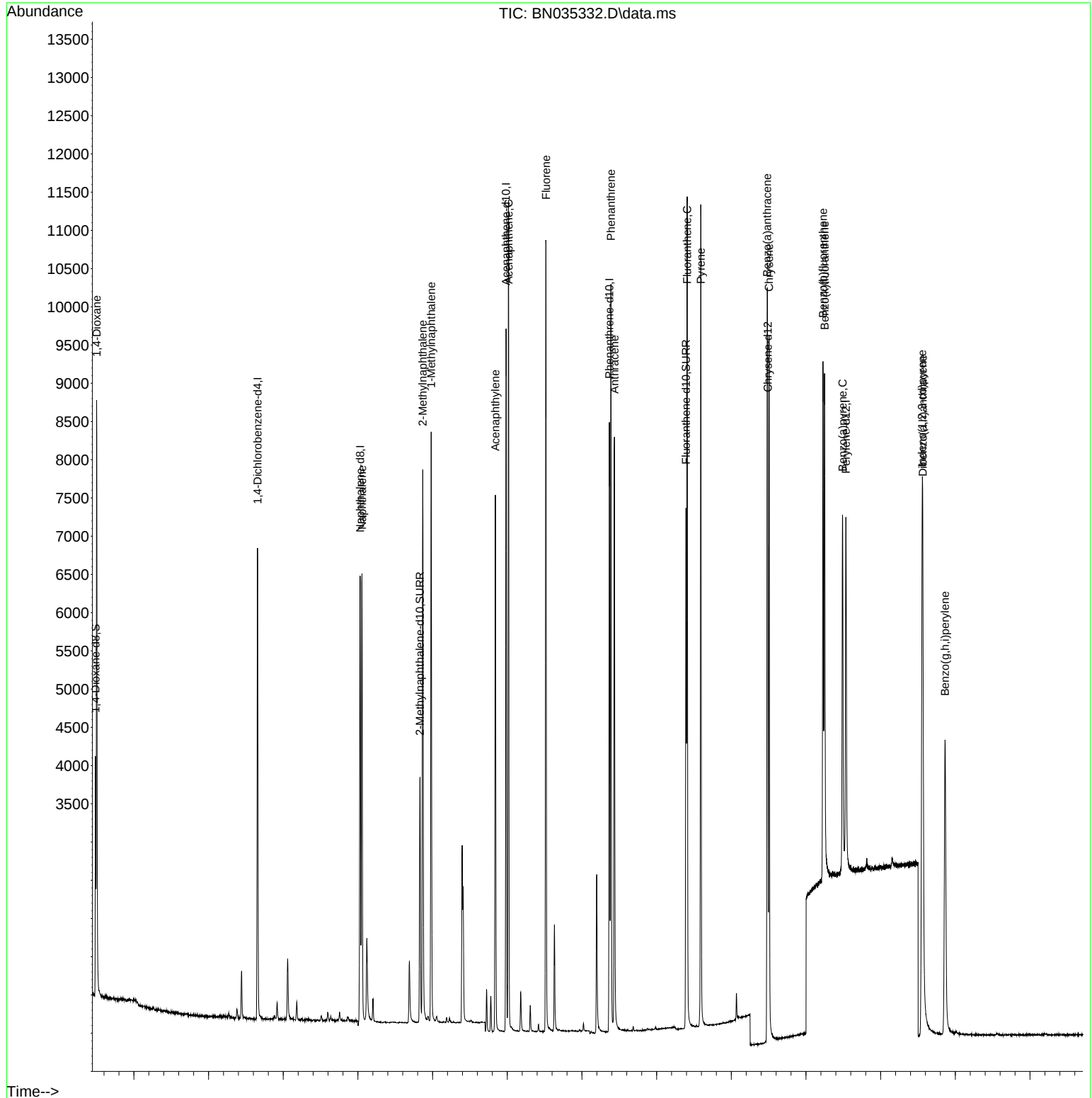
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.310	152	3107	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	8120	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.967	164	4901	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	9549	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	5483	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	5907	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	2102	0.740	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	4510	0.379	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	7741	0.512	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.001	88	5655	1.834	ng/ul#	88
5) Naphthalene	10.108	128	7798	0.381	ng/ul	100
7) 2-Methylnaphthalene	11.736	142	5319	0.375	ng/ul	99
8) 1-Methylnaphthalene	11.961	142	5368	0.375	ng/ul	99
10) Acenaphthylene	13.680	152	7832	0.403	ng/ul	99
11) Acenaphthene	14.032	153	6047	0.407	ng/ul	97
12) Fluorene	15.036	166	6642	0.380	ng/ul	99
14) Pentachlorophenol	16.396	266	1523	0.685	ng/ul	98
15) Phenanthrene	16.776	178	10065	0.399	ng/ul	100
16) Anthracene	16.869	178	8721	0.372	ng/ul	99
19) Fluoranthene	18.819	202	9767	0.512	ng/ul#	96
20) Pyrene	19.181	202	9654	0.486	ng/ul#	90
21) Benzo(a)anthracene	20.961	228	7354	0.387	ng/ul	98
22) Chrysene	21.011	228	8251	0.431	ng/ul	100
24) Benzo(b)fluoranthene	22.454	252	7778	0.398	ng/ul	96
25) Benzo(k)fluoranthene	22.498	252	8912	0.443	ng/ul#	96
26) Benzo(a)pyrene	22.978	252	7126	0.399	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.111	276	9856	0.409	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.128	278	7493	0.397	ng/ul#	94
29) Benzo(g,h,i)perylene	25.725	276	7927	0.417	ng/ul#	94

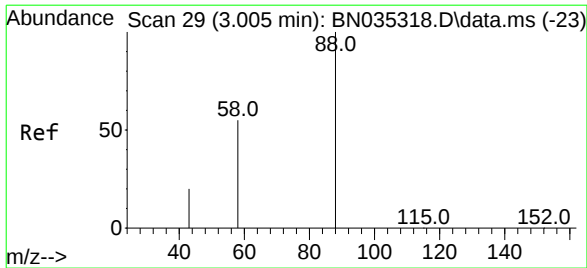
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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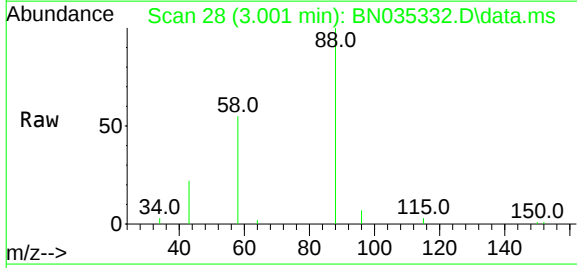
Quant Time: Nov 27 01:54:01 2024
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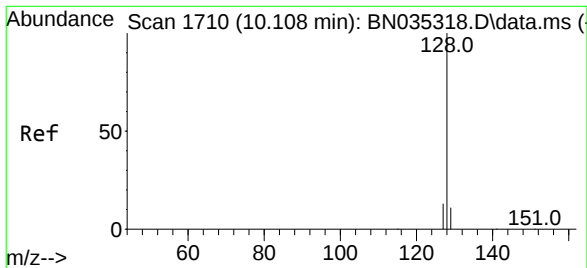
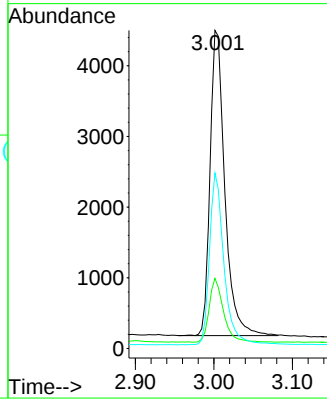
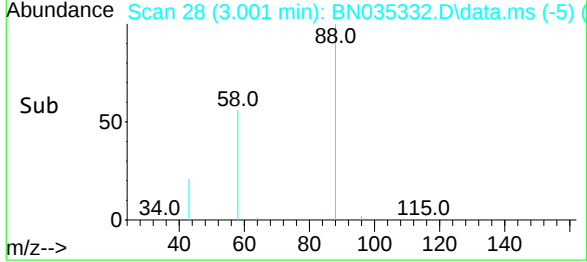


#2
1,4-Dioxane
Concen: 1.834 ng/ul
RT: 3.001 min Scan# 28
Delta R.T. -0.004 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Instrument :
BNA_N
ClientSampleId :
SLCS261

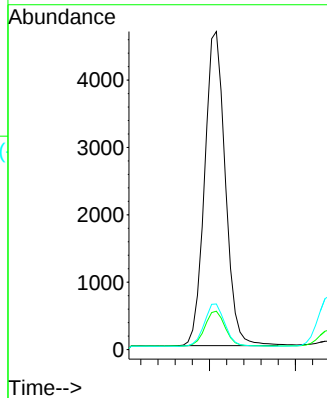
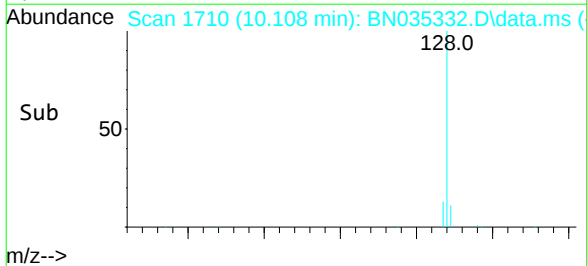
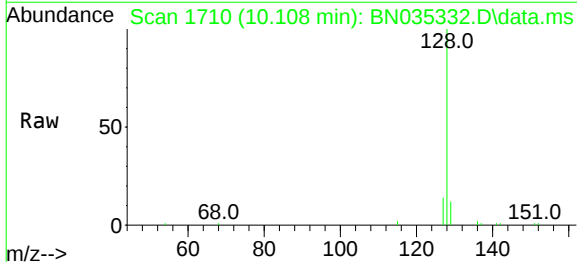


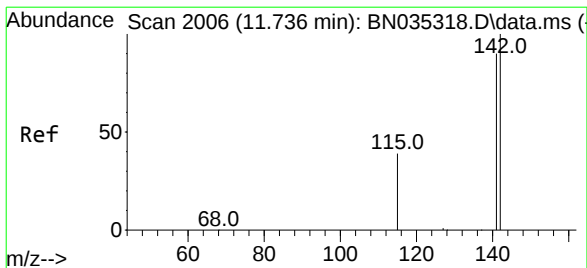
Tgt Ion: 88 Resp: 5655
Ion Ratio Lower Upper
88 100
43 22.0 20.6 31.0
58 55.2 36.2 54.4



#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.108 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Tgt Ion: 128 Resp: 7798
Ion Ratio Lower Upper
128 100
129 12.1 9.9 14.9
127 14.3 11.4 17.2





#7

2-Methylnaphthalene

Concen: 0.375 ng/ul

RT: 11.736 min Scan# 2006

Delta R.T. -0.006 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

Instrument :

BNA_N

ClientSampleId :

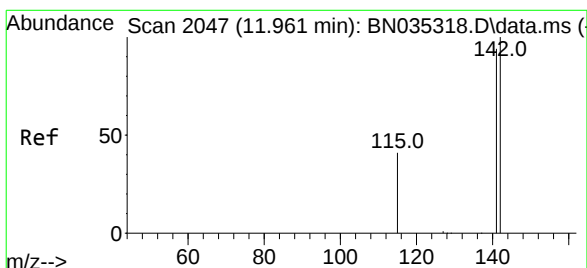
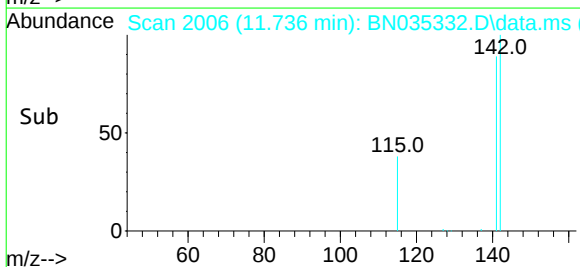
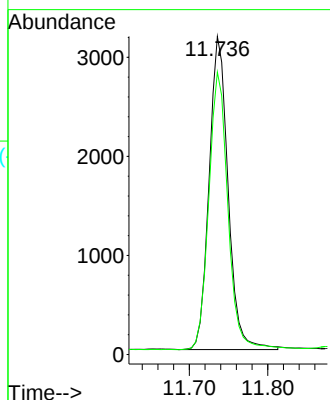
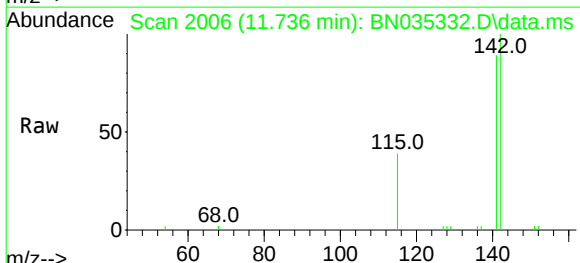
SLCS261

Tgt Ion:142 Resp: 5319

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6



#8

1-Methylnaphthalene

Concen: 0.375 ng/ul

RT: 11.961 min Scan# 2047

Delta R.T. -0.006 min

Lab File: BN035332.D

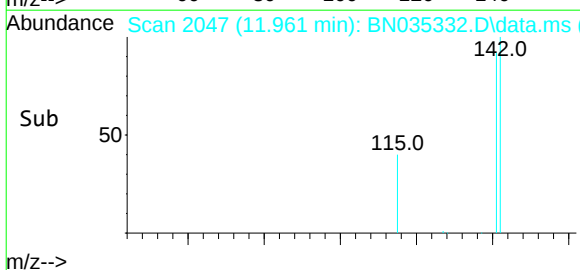
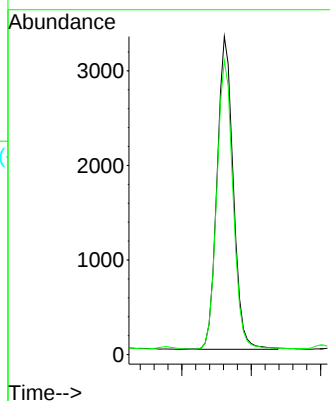
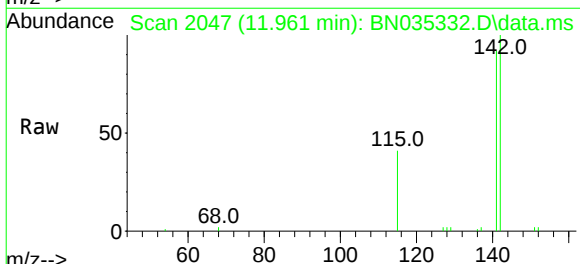
Acq: 27 Nov 2024 01:30

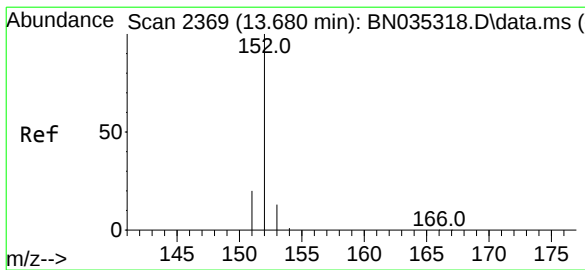
Tgt Ion:142 Resp: 5368

Ion Ratio Lower Upper

142 100

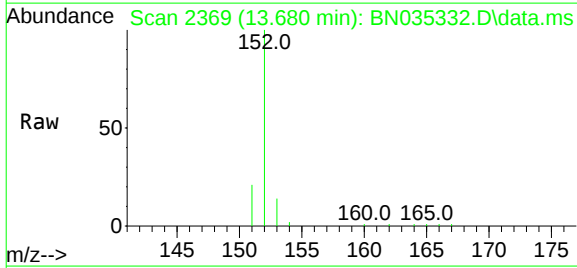
141 92.8 73.1 109.7



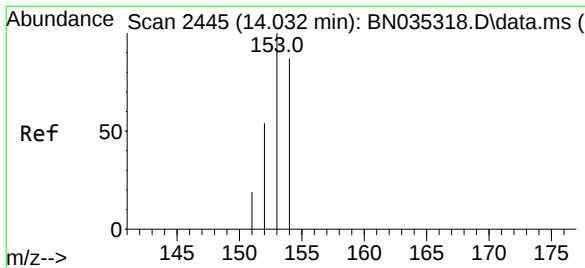
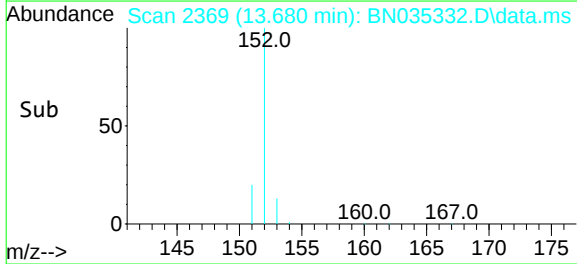
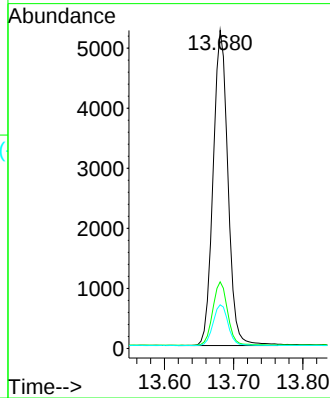


#10
Acenaphthylene
Concen: 0.403 ng/ul
RT: 13.680 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Instrument :
BNA_N
ClientSampleId :
SLCS261

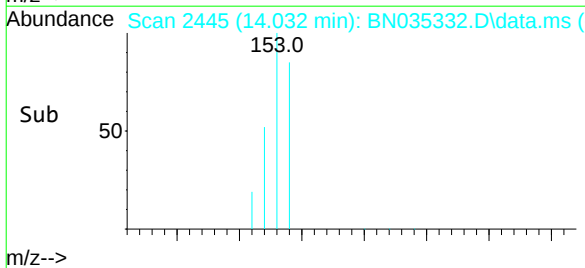
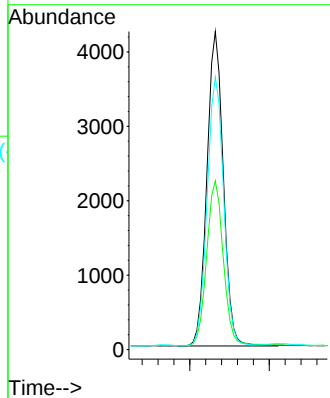
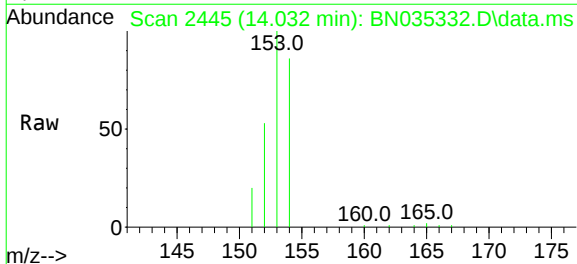


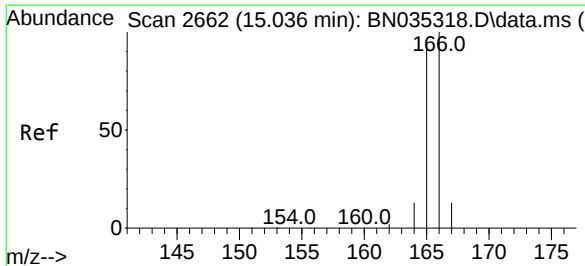
Tgt Ion:	152	Resp:	7832
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.4	24.6
153	13.7	11.1	16.7



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Tgt Ion:	153	Resp:	6047
Ion Ratio	Lower	Upper	
153	100		
152	53.1	41.4	62.0
154	85.7	71.2	106.8





#12

Fluorene

Concen: 0.380 ng/ul

RT: 15.036 min Scan# 2662

Delta R.T. -0.000 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

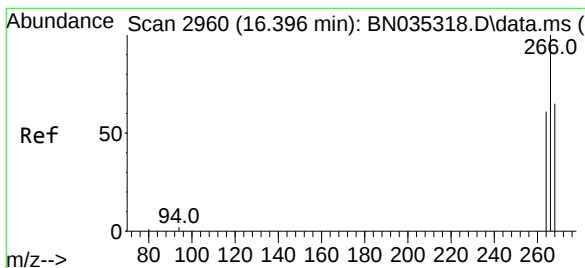
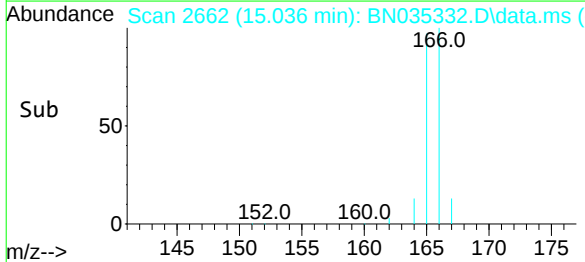
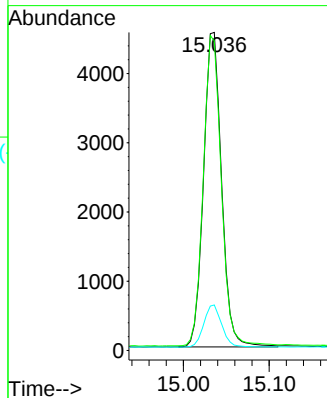
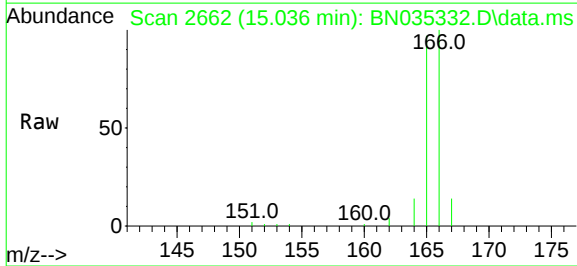
Instrument :

BNA_N

ClientSampleId :

SLCS261

Tgt Ion:	166	Resp:	6642
Ion Ratio	Lower	Upper	
166	100		
165	97.3	78.6	118.0
167	14.3	11.8	17.6



#14

Pentachlorophenol

Concen: 0.685 ng/ul

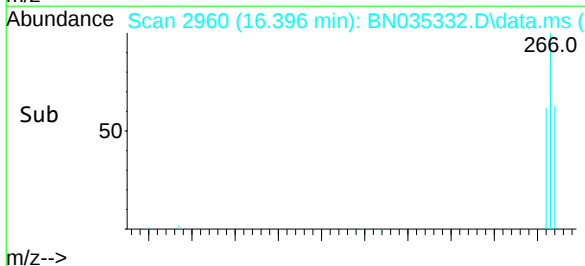
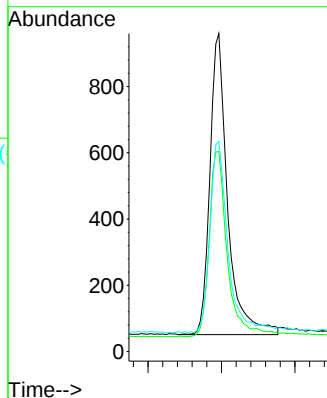
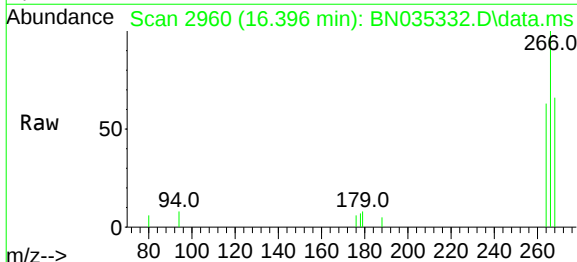
RT: 16.396 min Scan# 2960

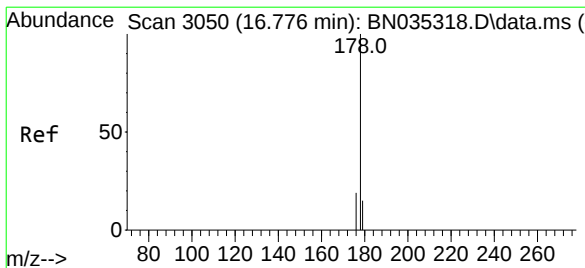
Delta R.T. -0.004 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

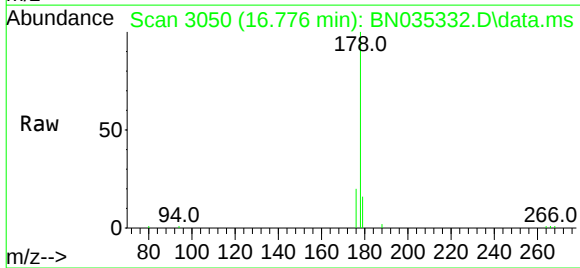
Tgt Ion:	266	Resp:	1523
Ion Ratio	Lower	Upper	
266	100		
264	62.8	51.8	77.6
268	64.7	51.3	76.9



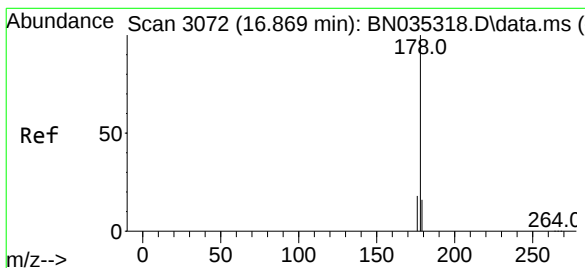
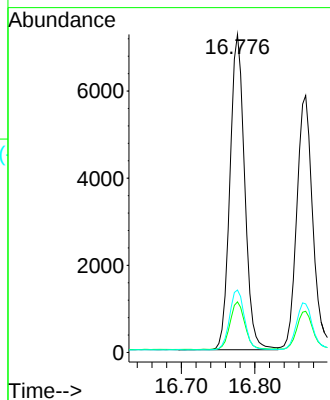
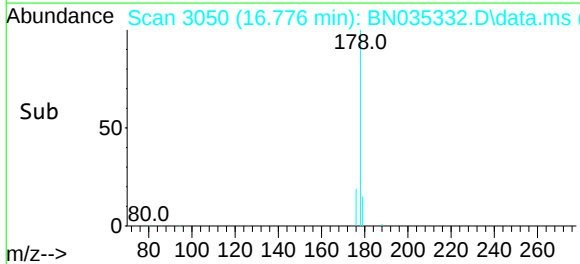


#15
Phenanthrene
Concen: 0.399 ng/u1
RT: 16.776 min Scan# 3050
Delta R.T. -0.004 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Instrument :
BNA_N
ClientSampleId :
SLCS261

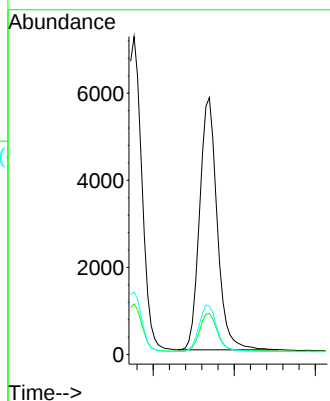
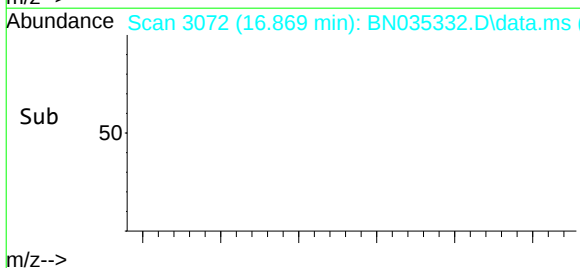
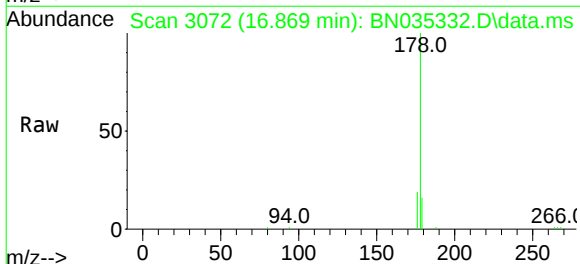


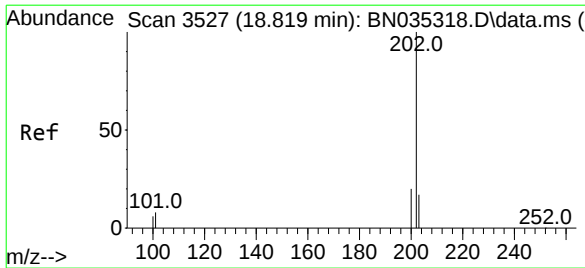
Tgt Ion:	178	Resp:	10065
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.6	15.6	23.4



#16
Anthracene
Concen: 0.372 ng/u1
RT: 16.869 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Tgt Ion:	178	Resp:	8721
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	18.9	15.4	23.2





#19

Fluoranthene

Concen: 0.512 ng/u1

RT: 18.819 min Scan# 3527

Delta R.T. -0.000 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

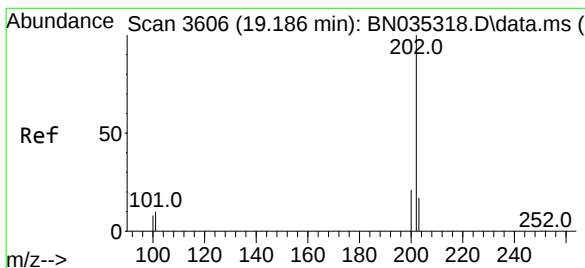
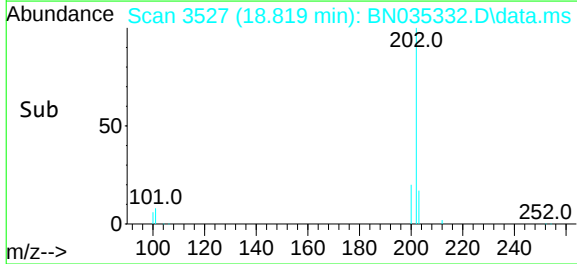
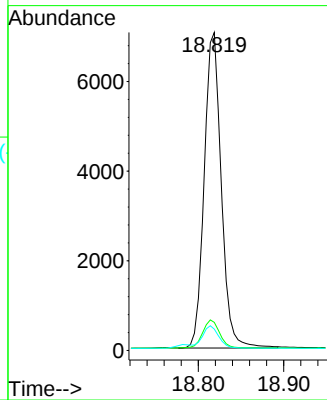
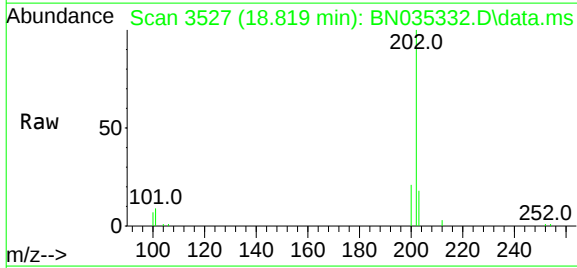
Instrument :

BNA_N

ClientSampleId :

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Tgt	Ion:202	Resp:	9767
Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
100	6.7	4.5	6.7#



#20

Pyrene

Concen: 0.486 ng/u1

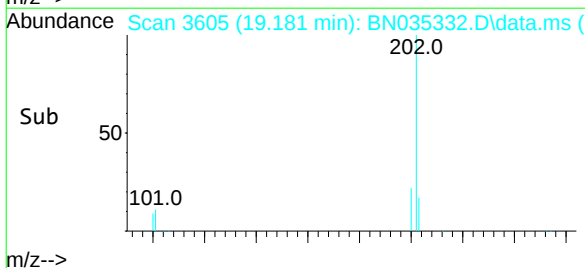
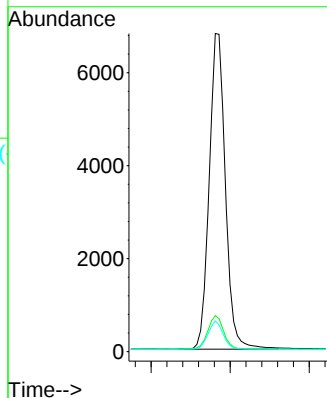
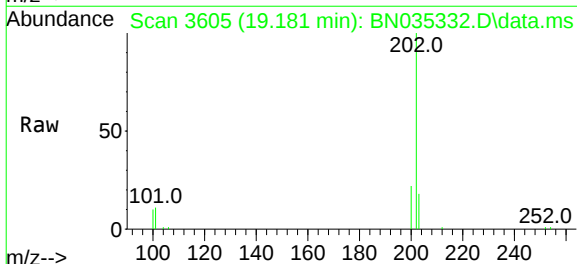
RT: 19.181 min Scan# 3605

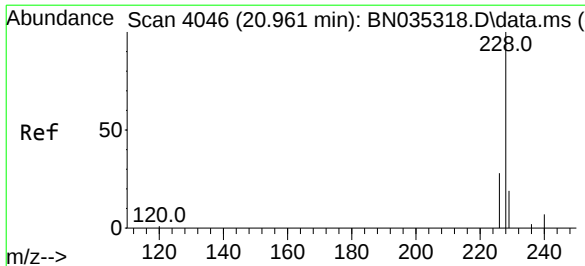
Delta R.T. -0.005 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

Tgt	Ion:202	Resp:	9654
Ion	Ratio	Lower	Upper
202	100		
101	11.3	6.2	9.4#
100	9.6	5.1	7.7#

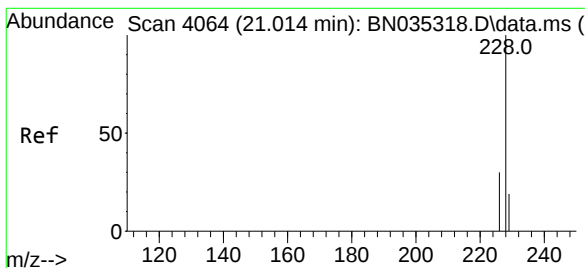
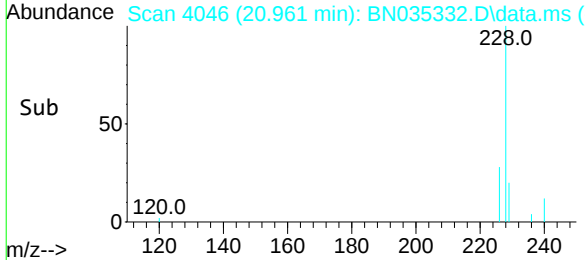
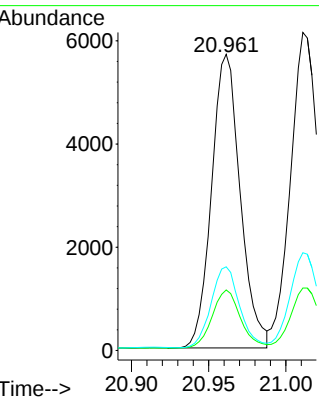
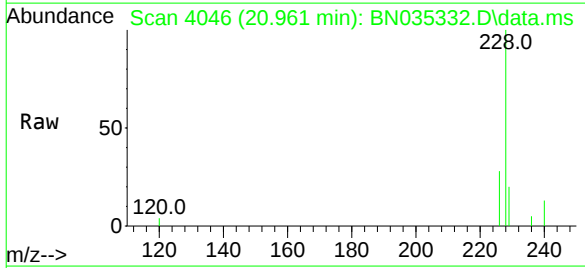




#21
Benzo(a)anthracene
Concen: 0.387 ng/u1
RT: 20.961 min Scan# 4062
Delta R.T. -0.003 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

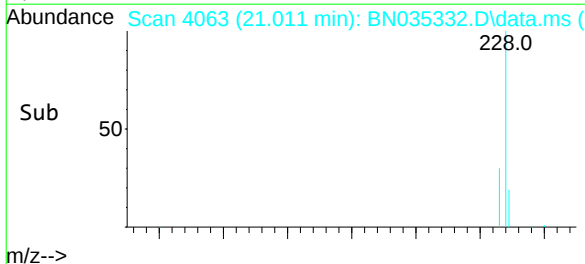
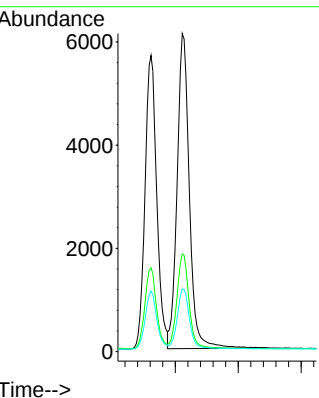
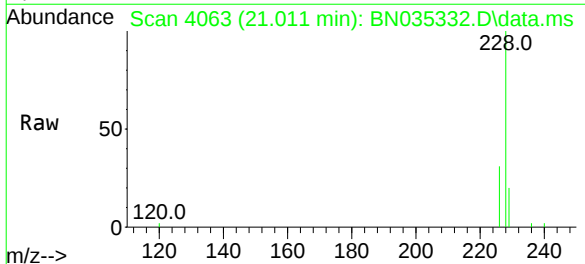
Instrument :
BNA_N
ClientSampleId :
SLCS261

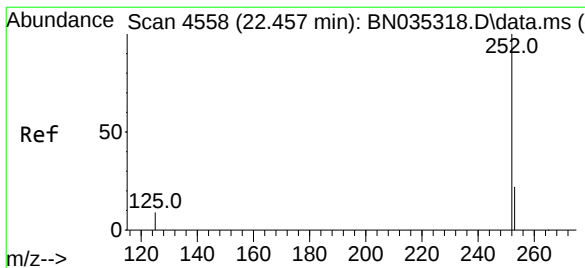
Tgt Ion:	228	Resp:	7354
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	28.2	21.8	32.8



#22
Chrysene
Concen: 0.431 ng/u1
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035332.D
Acq: 27 Nov 2024 01:30

Tgt Ion:	228	Resp:	8251
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	19.6	16.0	24.0





#24

Benzo(b)fluoranthene

Concen: 0.398 ng/u1

RT: 22.454 min Scan# 4558

Delta R.T. -0.009 min

Lab File: BN035332.D

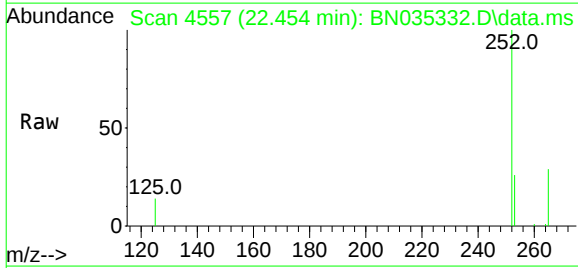
Acq: 27 Nov 2024 01:30

Instrument :

BNA_N

ClientSampleId :

SLCS261



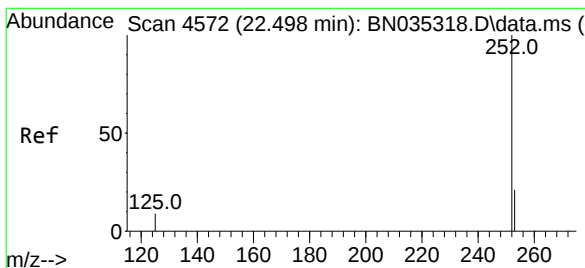
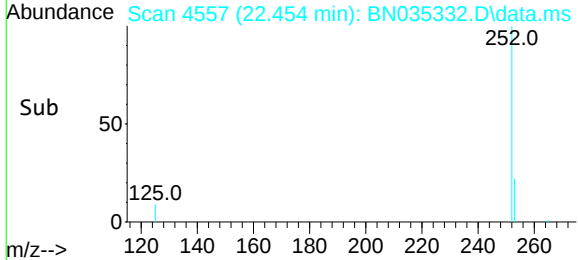
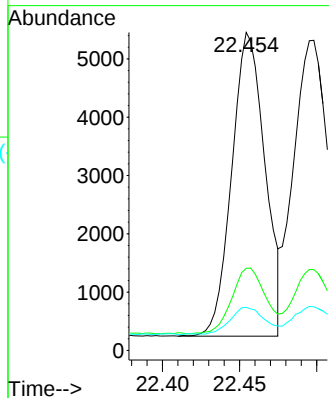
Tgt Ion:252 Resp: 7778

Ion Ratio Lower Upper

252 100

253 25.9 0.0 54.0

125 13.5 0.0 19.4



#25

Benzo(k)fluoranthene

Concen: 0.443 ng/u1

RT: 22.498 min Scan# 4572

Delta R.T. -0.006 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

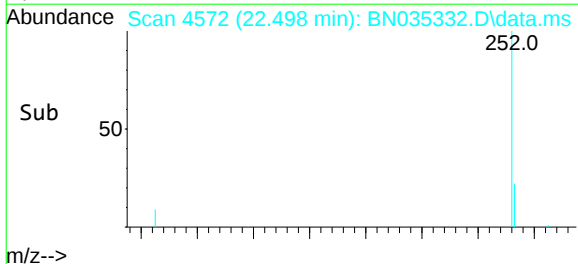
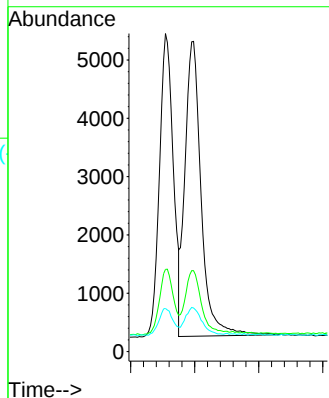
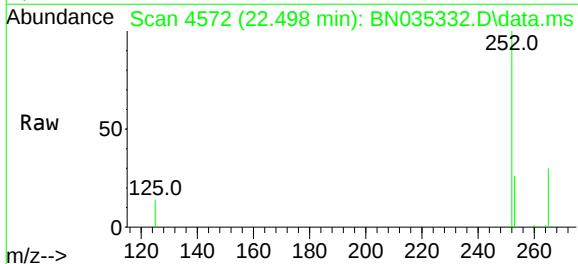
Tgt Ion:252 Resp: 8912

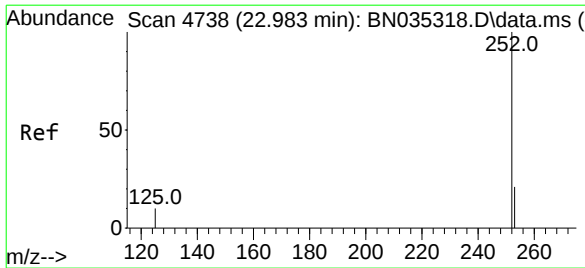
Ion Ratio Lower Upper

252 100

253 26.1 21.8 32.6

125 14.0 8.6 12.8#





#26

Benzo(a)pyrene

Concen: 0.399 ng/ul

RT: 22.978 min Scan# 47

Delta R.T. -0.009 min

Lab File: BN035332.D

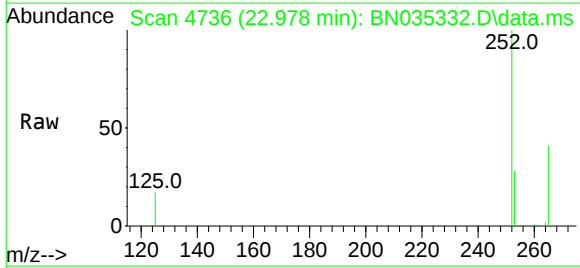
Acq: 27 Nov 2024 01:30

Instrument :

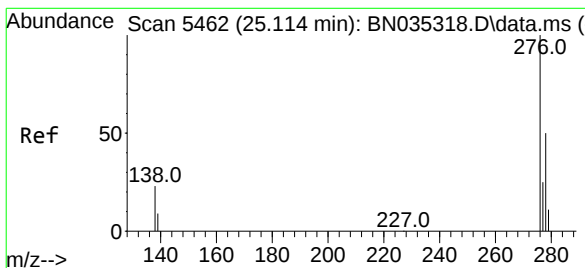
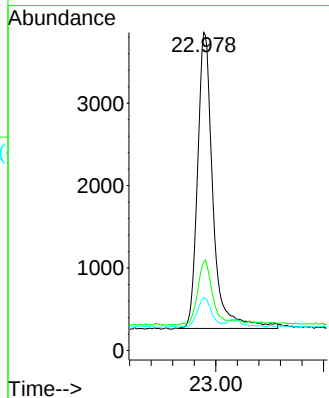
BNA_N

ClientSampleId :

SLCS261



Tgt Ion:	252	Resp:	7126
Ion	Ratio	Lower	Upper
252	100		
253	27.8	22.9	34.3
125	16.7	9.4	14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng/ul

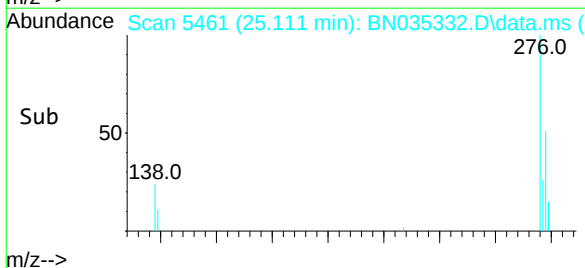
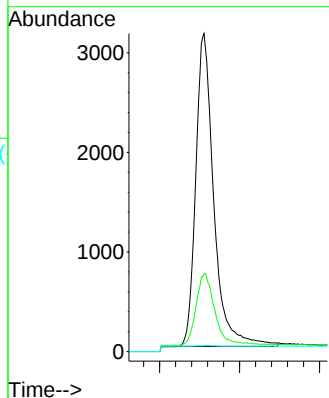
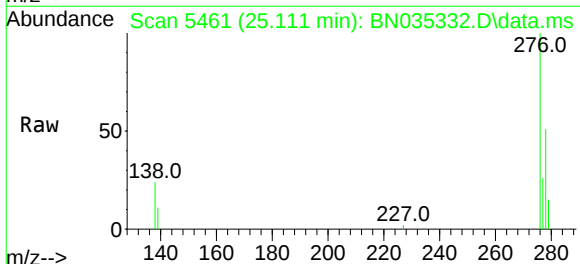
RT: 25.111 min Scan# 5461

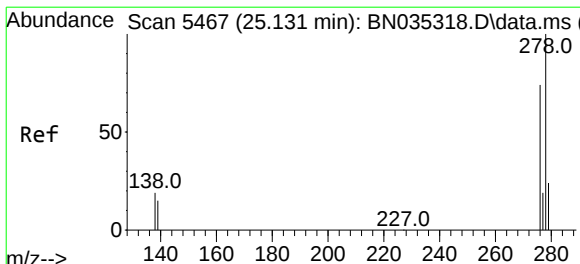
Delta R.T. -0.010 min

Lab File: BN035332.D

Acq: 27 Nov 2024 01:30

Tgt Ion:	276	Resp:	9856
Ion	Ratio	Lower	Upper
276	100		
138	23.3	13.8	20.8
227	9.9	0.2	0.4

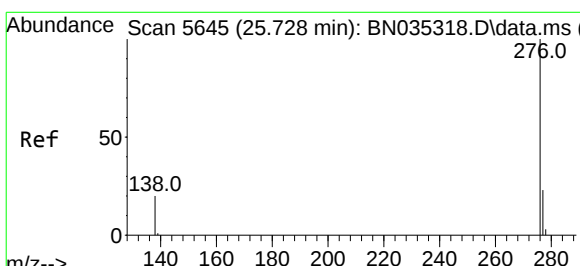
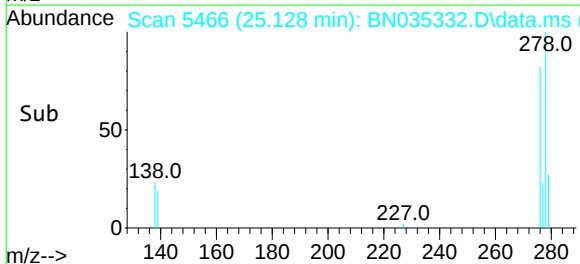
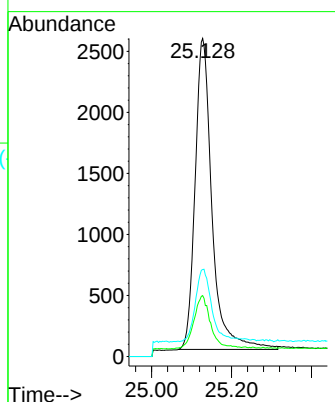
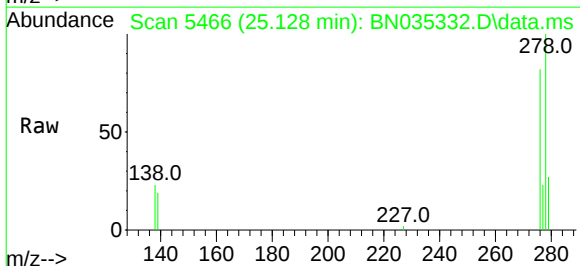




#28
 Dibenzo(a,h)anthracene
 Concen: 0.397 ng/ul
 RT: 25.128 min Scan# 5466
 Delta R.T. -0.010 min
 Lab File: BN035332.D
 Acq: 27 Nov 2024 01:30

Instrument :
 BNA_N
 ClientSampleId :
 SLCS261

Tgt Ion:	278	Resp:	7493
Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.7	16.1#
279	27.4	22.8	34.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.417 ng/ul
 RT: 25.725 min Scan# 5644
 Delta R.T. -0.010 min
 Lab File: BN035332.D
 Acq: 27 Nov 2024 01:30

Tgt Ion:	276	Resp:	7927
Ion	Ratio	Lower	Upper
276	100		
138	22.5	13.0	19.6#
277	25.7	20.5	30.7

