

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
 Data File : BN023634.D
 Acq On : 12 Jan 2023 07:48
 Operator : CG/JU
 Sample : 01094-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-A

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Quant Time: Jan 12 08:23:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 00:22:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4728	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	14100	0.400	ng	0.00
13) Acenaphthene-d10	14.591	164	7942	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	17595	0.400	ng	0.00
29) Chrysene-d12	21.535	240	16374	0.400	ng	0.00
35) Perylene-d12	23.954	264	13745	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	2766	0.295	ng	0.00
5) Phenol-d6	7.103	99	3529	0.292	ng	0.00
8) Nitrobenzene-d5	9.110	82	2411	0.227	ng	0.00
11) 2-Methylnaphthalene-d10	12.348	152	4355	0.224	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	818	0.238	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	6866	0.214	ng	0.00
27) Fluoranthene-d10	19.376	212	8728	0.203	ng	0.00
31) Terphenyl-d14	19.970	244	8417	0.203	ng	0.00
Target Compounds						
						Qvalue
16) Acenaphthylene	14.313	152	1609	0.050	ng	98
18) Fluorene	15.639	166	681	0.022	ng	# 95
25) Phenanthrene	17.377	178	13198	0.256	ng	99
26) Anthracene	17.476	178	1530	0.037	ng	98
28) Fluoranthene	19.405	202	23265	0.399	ng	99
30) Pyrene	19.768	202	24562	0.392	ng	97
32) Benzo(a)anthracene	21.518	228	9770	0.185	ng	93
33) Chrysene	21.571	228	13031	0.223	ng	97
34) Bis(2-ethylhexyl)phtha...	21.437	149	13813	0.559	ng	99
36) Indeno(1,2,3-cd)pyrene	26.474	276	6329	0.103	ng	95
37) Benzo(b)fluoranthene	23.214	252	15004	0.255	ng	# 86
38) Benzo(k)fluoranthene	23.258	252	5774m	0.101	ng	
39) Benzo(a)pyrene	23.846	252	9013	0.204	ng	94
40) Dibenzo(a,h)anthracene	26.492	278	1548	0.031	ng	# 38
41) Benzo(g,h,i)perylene	27.258	276	7177	0.142	ng	92

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

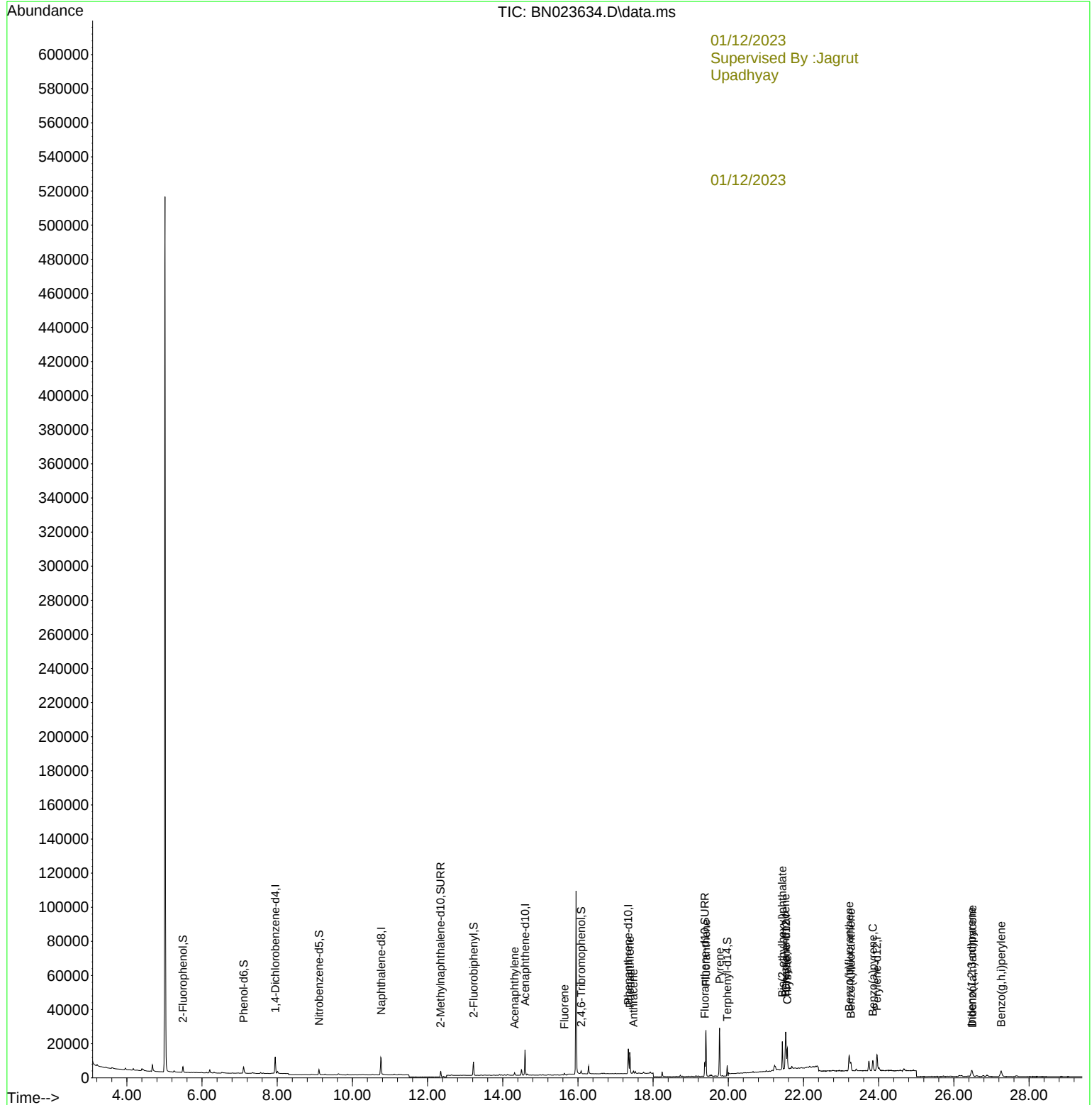
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023634.D
Acq On : 12 Jan 2023 07:48
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Sample : 01094-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

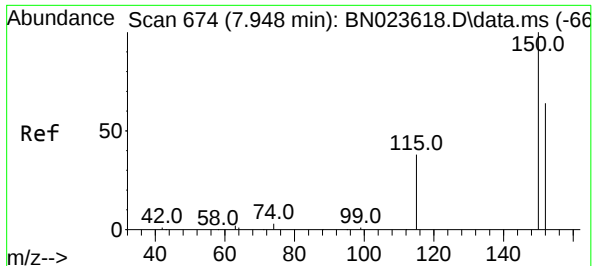
Instrument :
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Quant Time: Jan 12 08:23:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
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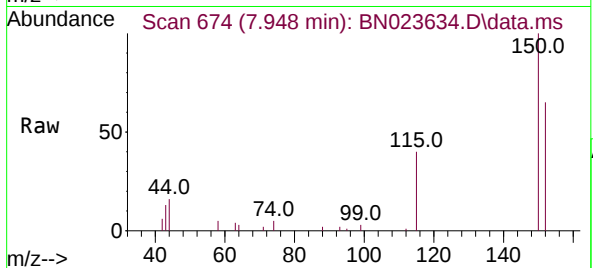
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1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

Instrument :

BNA_N

ClientSampleId :

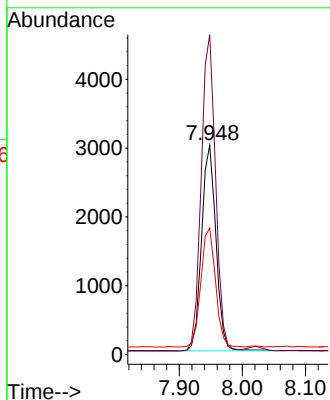
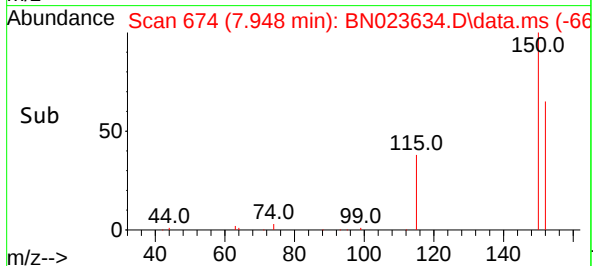
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Tgt Ion:152 Resp: 4728
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.8
115 60.4 50.6 75.8

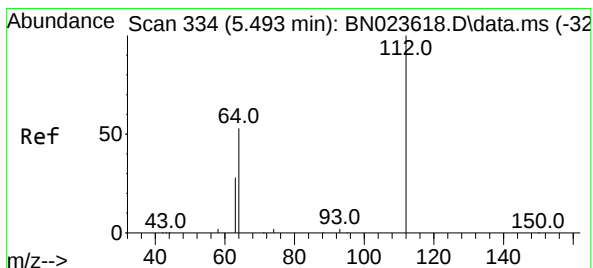
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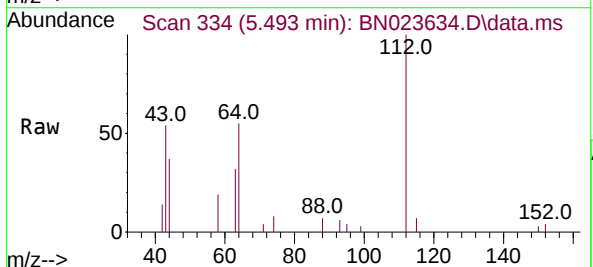


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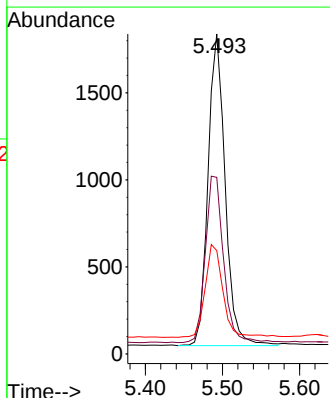
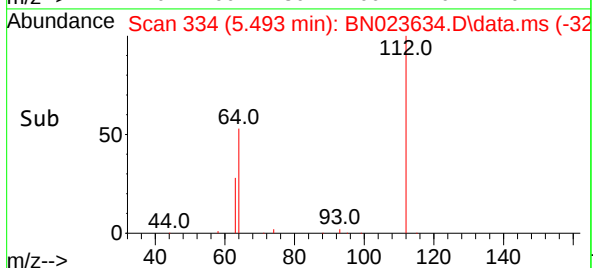
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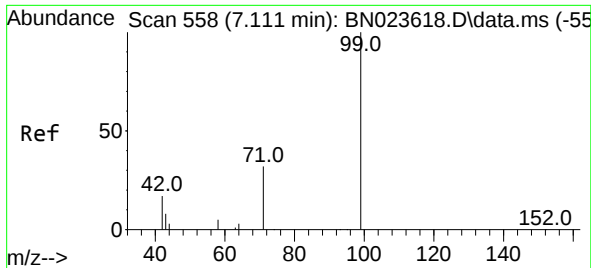


#4
2-Fluorophenol
Concen: 0.295 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



Tgt Ion:112 Resp: 2766
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 31.2 24.9 37.3





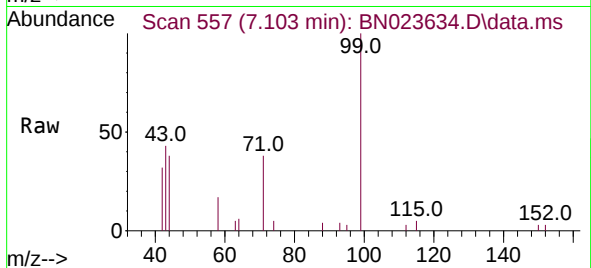
#5
Phenol-d6
Concen: 0.292 ng
RT: 7.103 min Scan# 558
Delta R.T. -0.007 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

Instrument :

BNA_N

ClientSampleId :

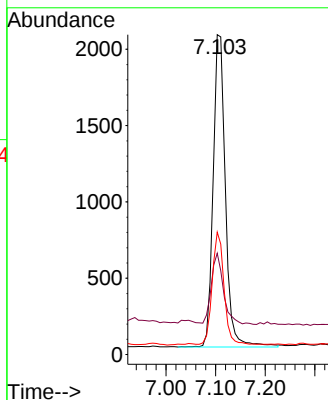
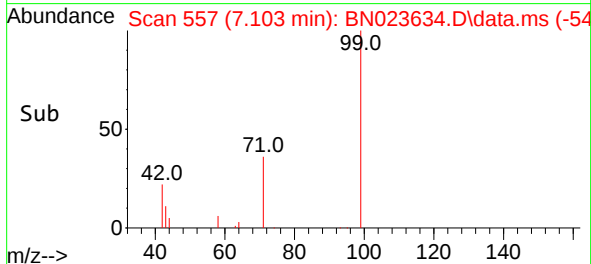
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Tgt Ion: 99 Resp: 3529
Ion Ratio Lower Upper
99 100
42 22.8 18.8 28.2
71 34.2 28.2 42.4

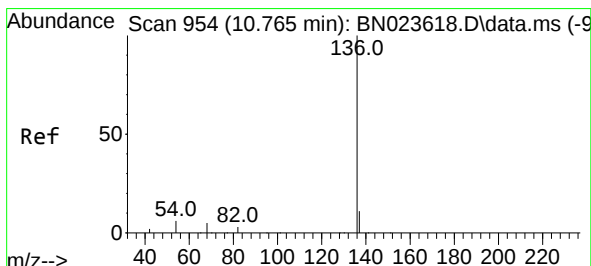
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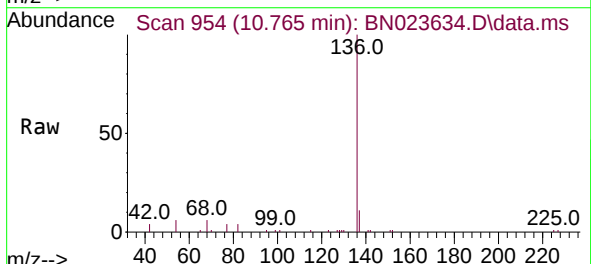


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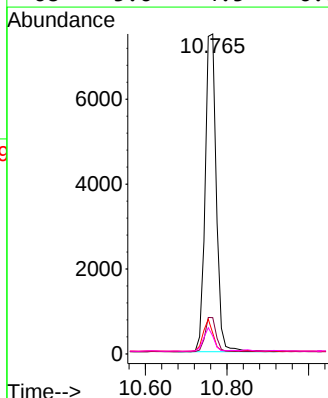
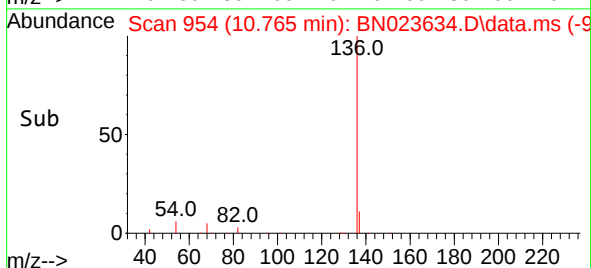
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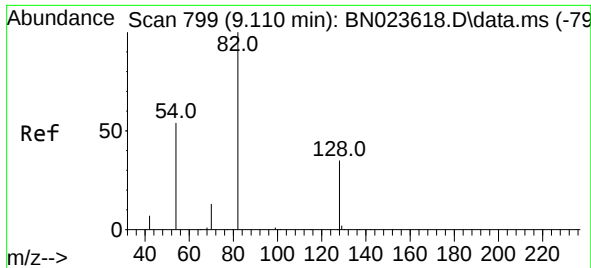


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 954
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



Tgt Ion:136 Resp: 14100
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 6.5 5.7 8.5
68 5.6 4.5 6.7





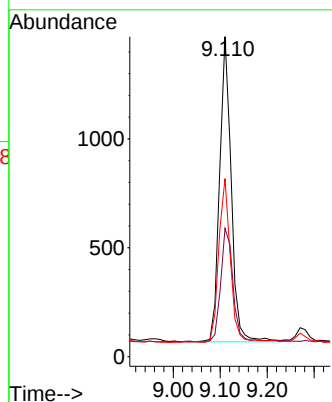
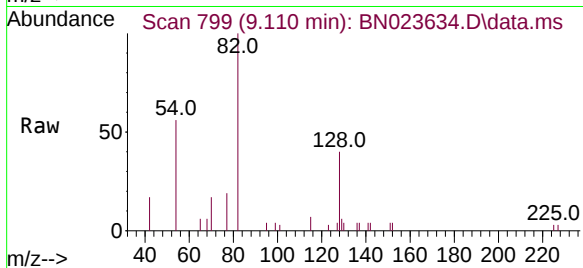
#8
Nitrobenzene-d5
Concen: 0.227 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 241
Ion Ratio Lower Upper
82 100
128 40.1 29.8 44.8
54 55.6 43.9 65.9

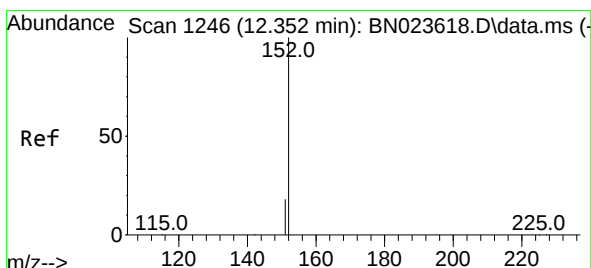
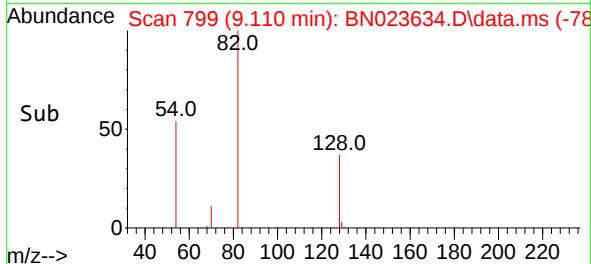
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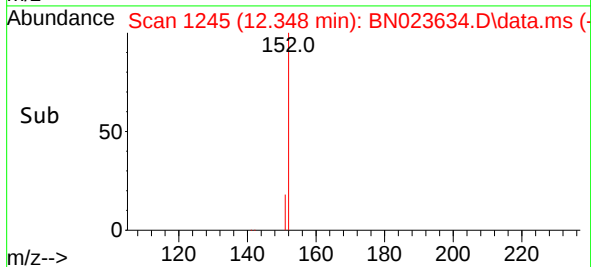
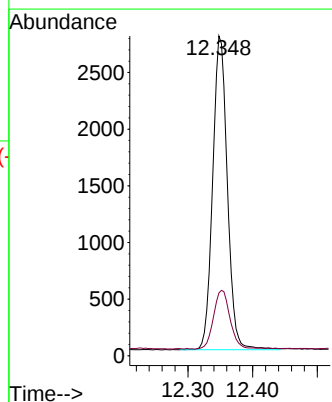
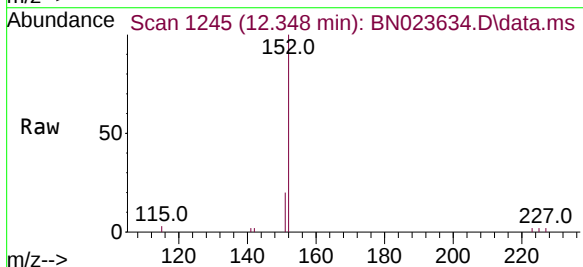
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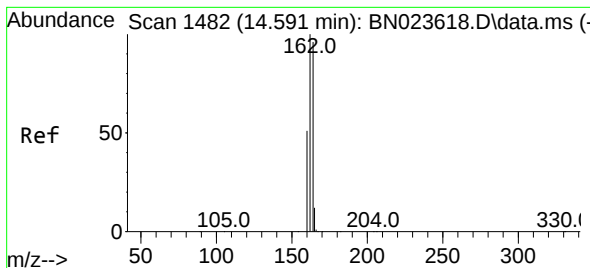
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#11
2-Methylnaphthalene-d10
Concen: 0.224 ng
RT: 12.348 min Scan# 1245
Delta R.T. -0.004 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

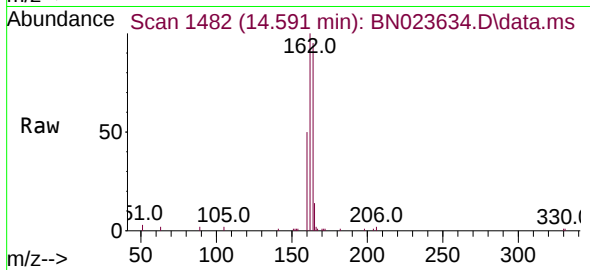
Tgt Ion:152 Resp: 4355
Ion Ratio Lower Upper
152 100
151 21.2 16.9 25.3





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.591 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

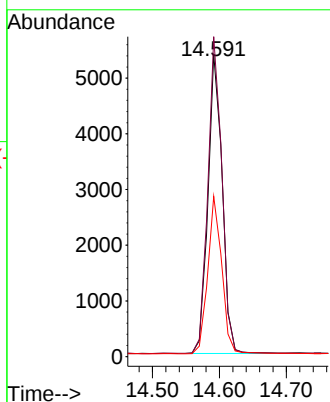
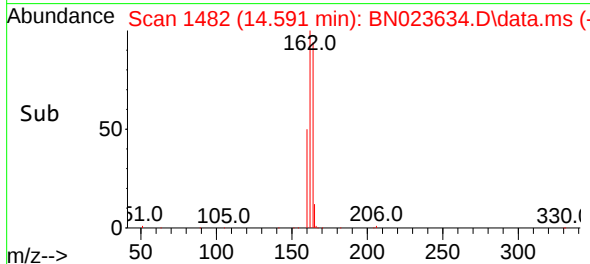
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-A



Tgt Ion:164 Resp: 7942
Ion Ratio Lower Upper
164 100
162 105.8 83.4 125.2
160 53.0 42.7 64.1

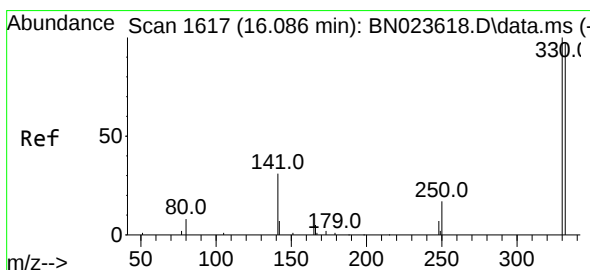
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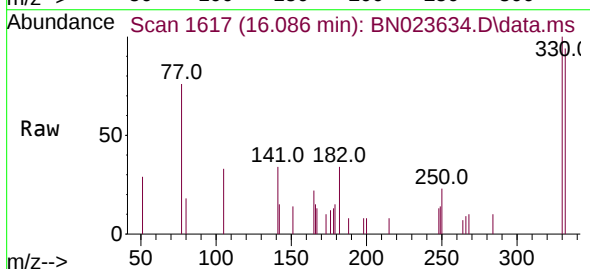


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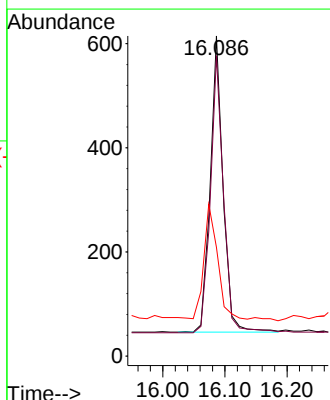
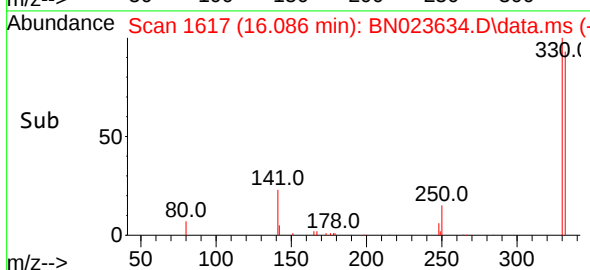
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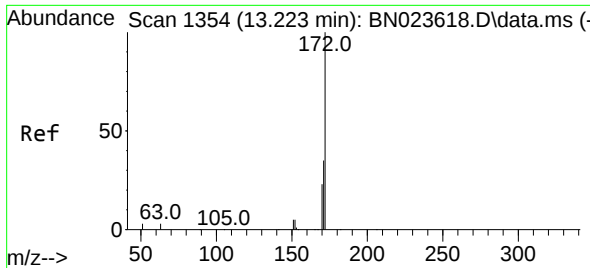


#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



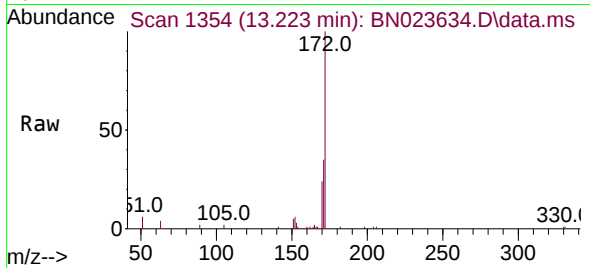
Tgt Ion:330 Resp: 818
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 40.8 33.4 50.0





#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.223 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

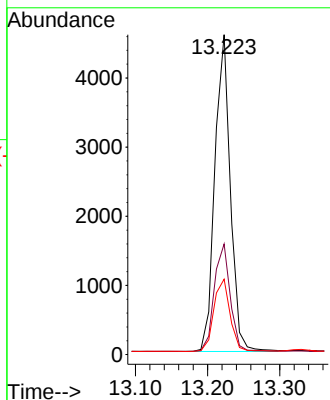
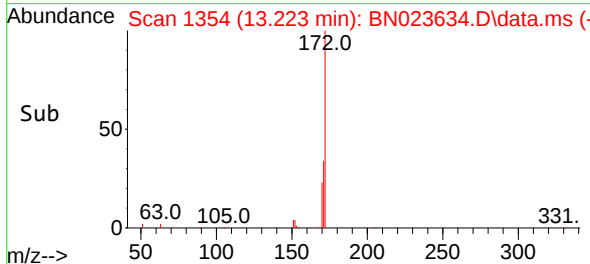
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:172 Resp: 6866
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.6 19.0 28.4

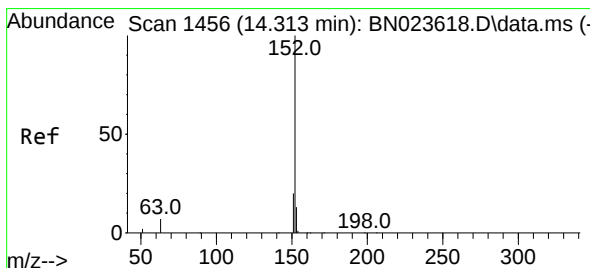
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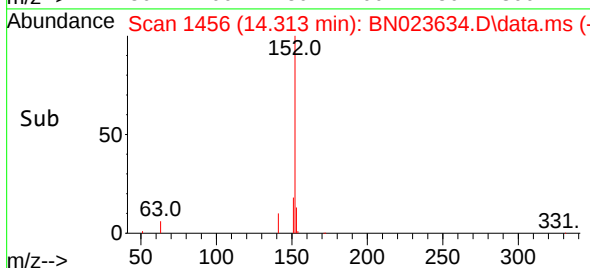
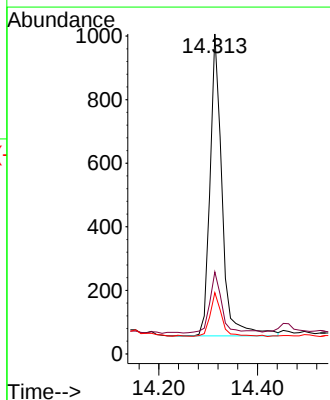
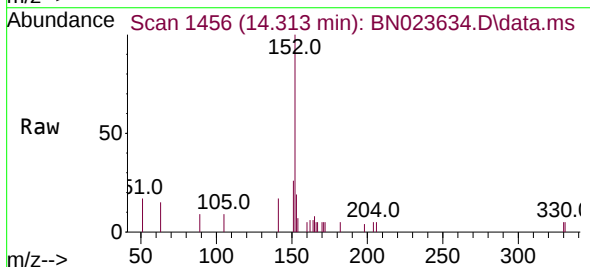
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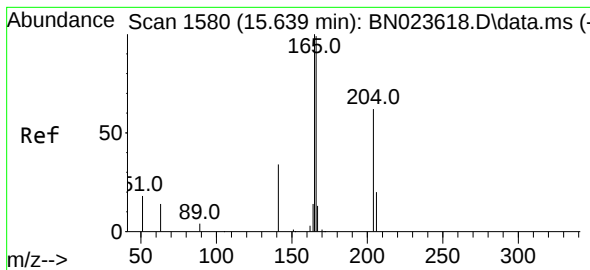
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#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.313 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

Tgt Ion:152 Resp: 1609
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 14.0 10.5 15.7





#18

Fluorene

Concen: 0.022 ng

RT: 15.639 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

Instrument :

BNA_N

ClientSampleId :

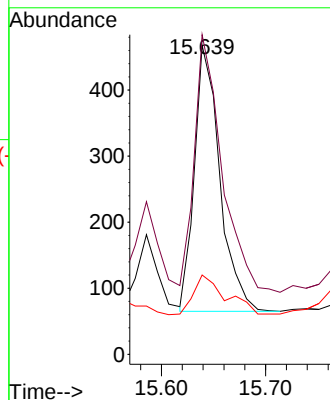
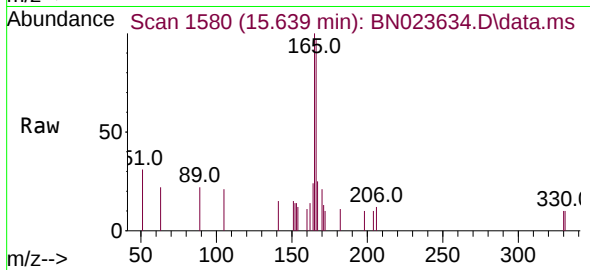
STOCKPILE-A

Tgt Ion:166 Resp: 681

Ion	Ratio	Lower	Upper
166	100		
165	104.7	80.4	120.6
167	19.1	10.6	16.0

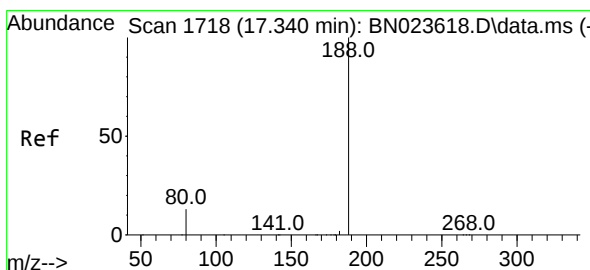
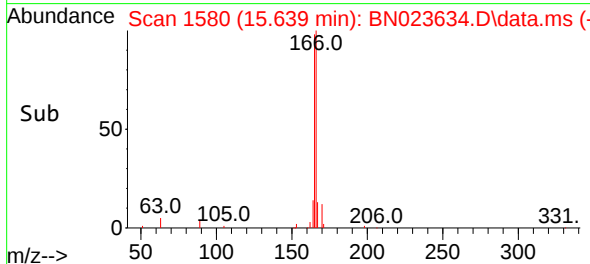
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Upadhyay

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#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.340 min Scan# 1718

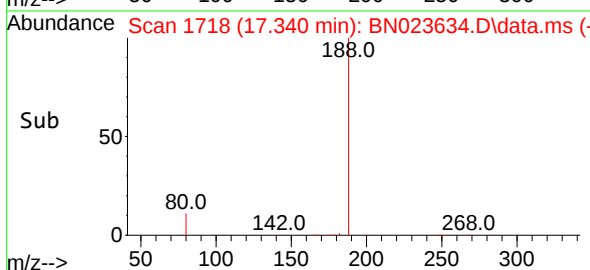
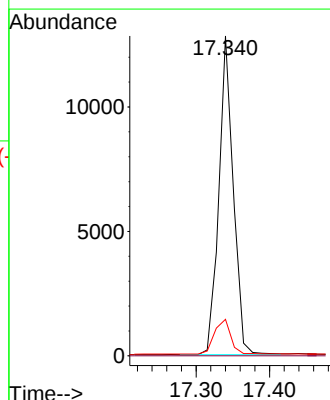
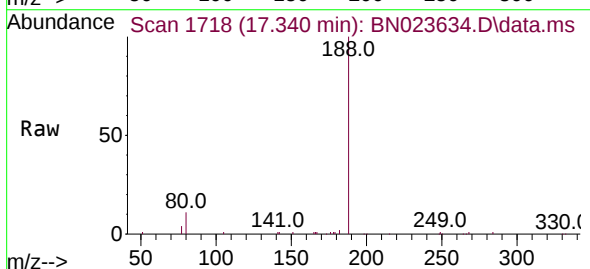
Delta R.T. -0.000 min

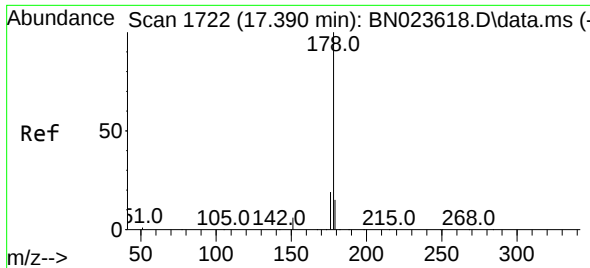
Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

Tgt Ion:188 Resp: 17595

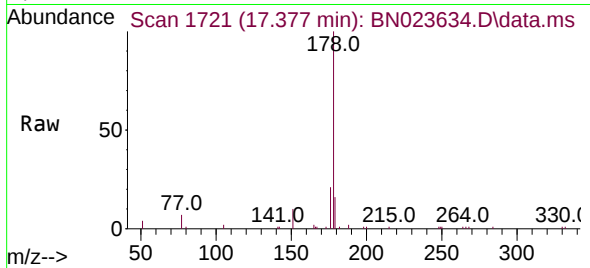
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	11.0	16.4





#25
Phenanthrene
Concen: 0.256 ng
RT: 17.377 min Scan# 1721
Delta R.T. -0.013 min
Lab File: BN023634.D
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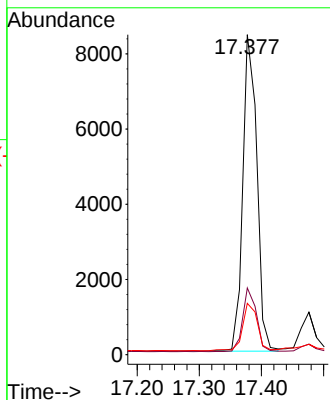
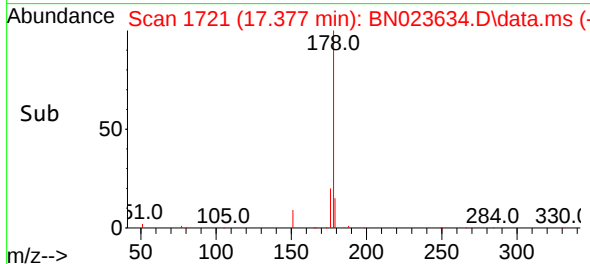
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-A



Tgt Ion:178 Resp: 13198
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.5 18.7

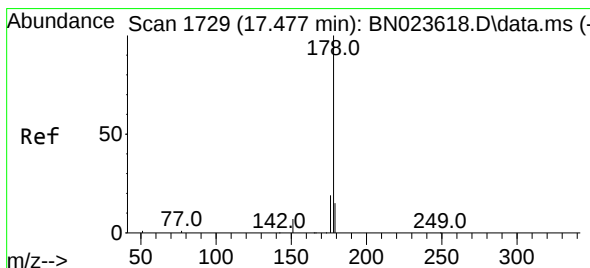
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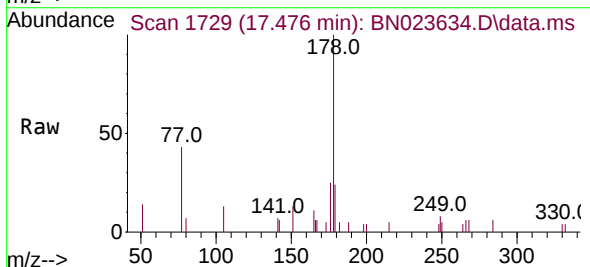


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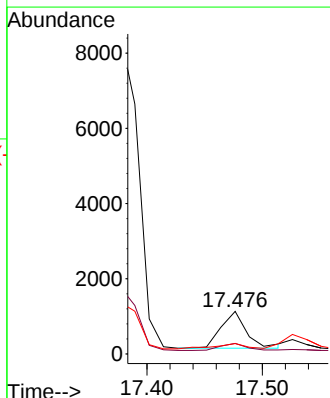
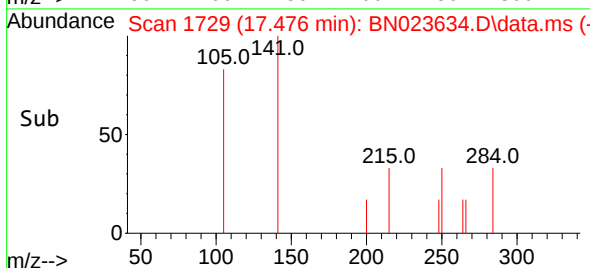
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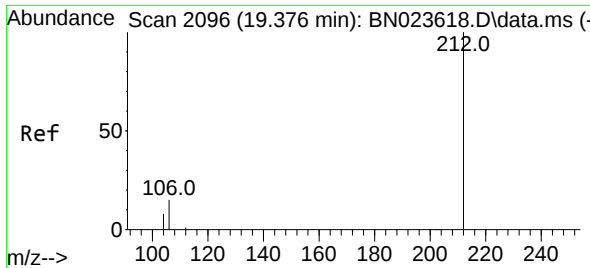


#26
Anthracene
Concen: 0.037 ng
RT: 17.476 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



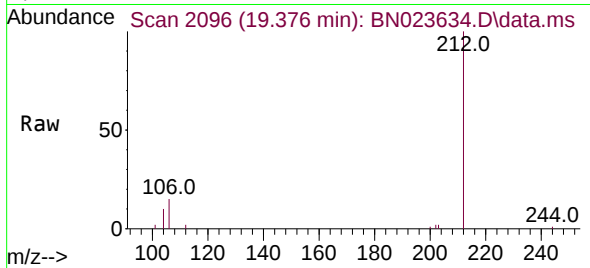
Tgt Ion:178 Resp: 1530
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 17.3 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.203 ng
RT: 19.376 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

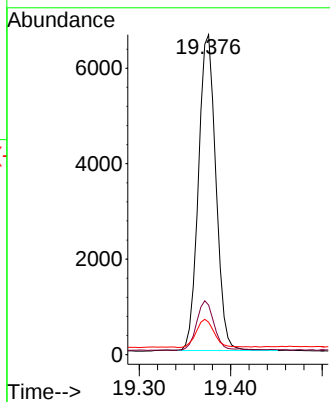
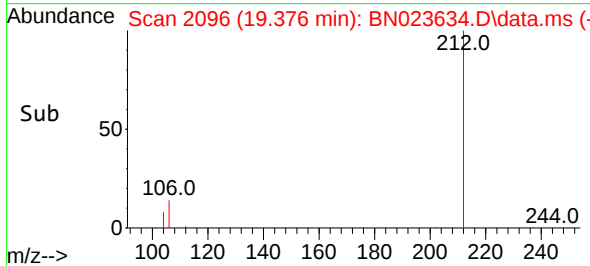
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-A



Tgt Ion:212 Resp: 8728
Ion Ratio Lower Upper
212 100
106 15.9 12.2 18.4
104 9.2 7.1 10.7

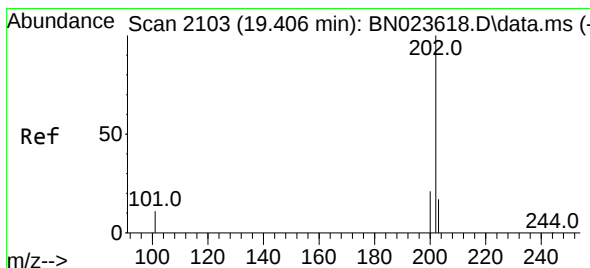
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Reviewed By :Christian
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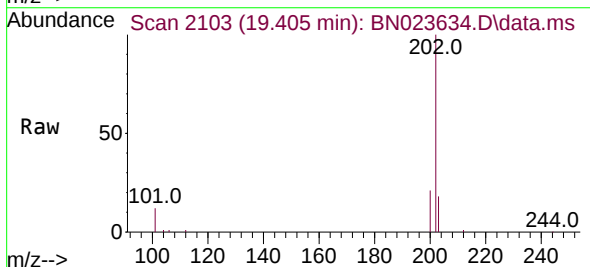


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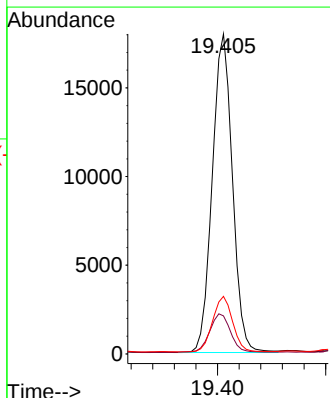
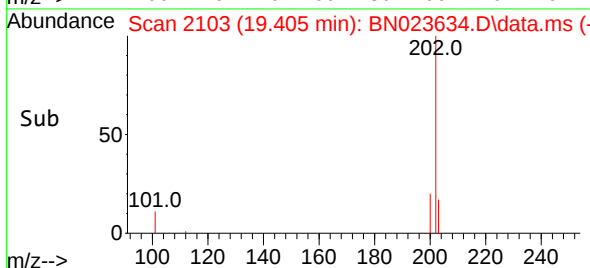
01/12/2023

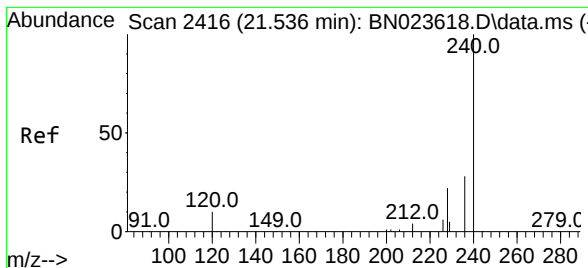


#28
Fluoranthene
Concen: 0.399 ng
RT: 19.405 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



Tgt Ion:202 Resp: 23265
Ion Ratio Lower Upper
202 100
101 12.6 9.7 14.5
203 17.2 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.535 min Scan# 2416

Delta R.T. -0.000 min

Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

Instrument :

BNA_N

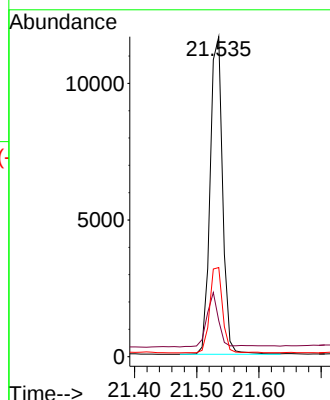
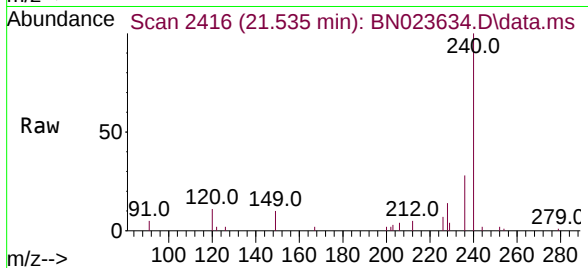
ClientSampleId :

STOCKPILE-A

Tgt Ion:240	Resp:	16374
Ion Ratio	Lower	Upper
240	100	
120	11.2	10.6 15.8
236	27.8	23.0 34.6

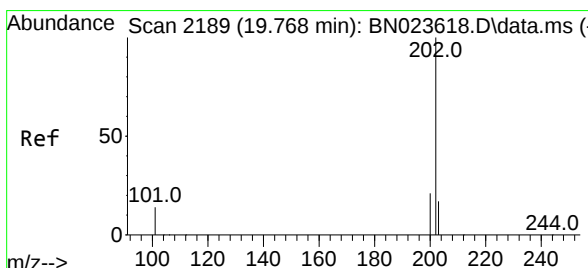
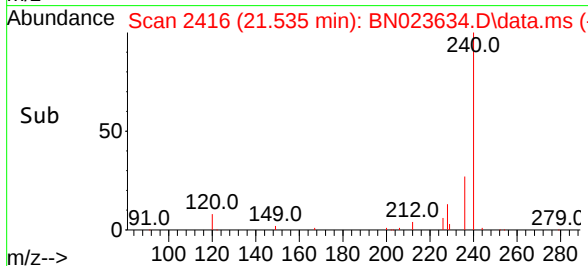
Manual Integrations
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Upadhyay

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#30

Pyrene

Concen: 0.392 ng

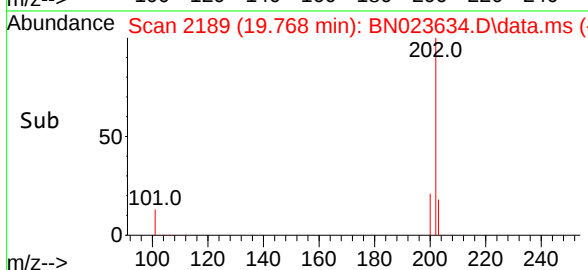
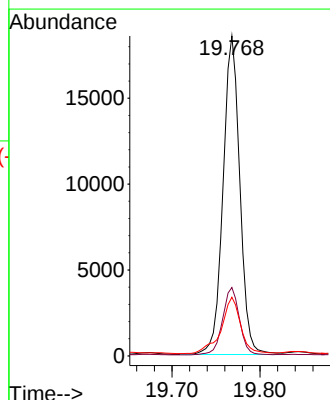
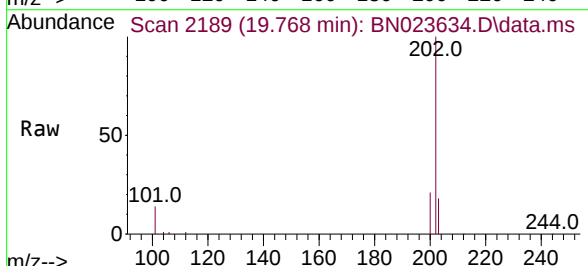
RT: 19.768 min Scan# 2189

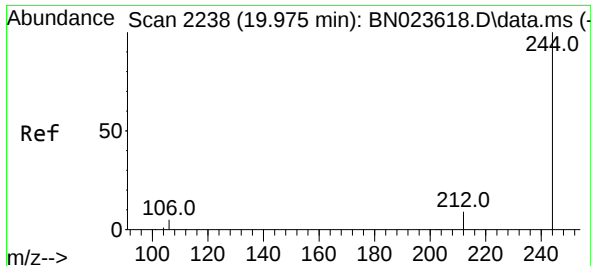
Delta R.T. -0.000 min

Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

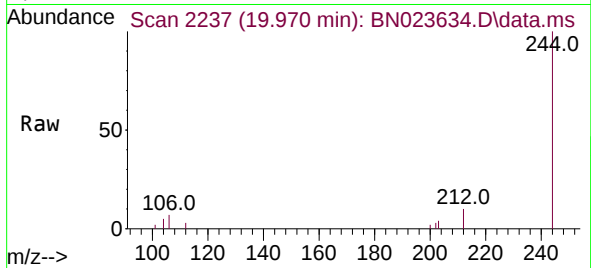
Tgt Ion:202	Resp:	24562
Ion Ratio	Lower	Upper
202	100	
200	21.2	17.0 25.4
203	20.6	14.2 21.2





#31
Terphenyl-d14
Concen: 0.203 ng
RT: 19.970 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

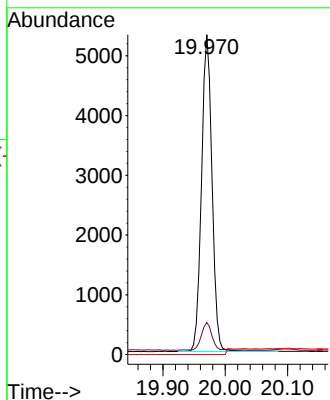
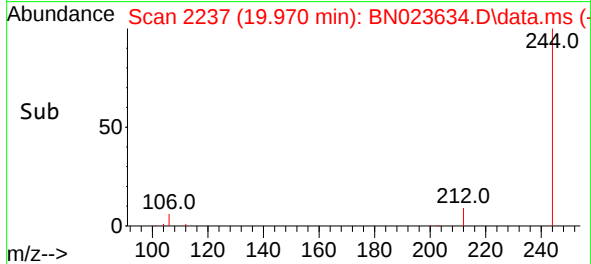
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-A



Tgt Ion:244 Resp: 841
Ion Ratio Lower Upper
244 100
212 10.0 7.5 11.3
122 0.0 0.0 0.0

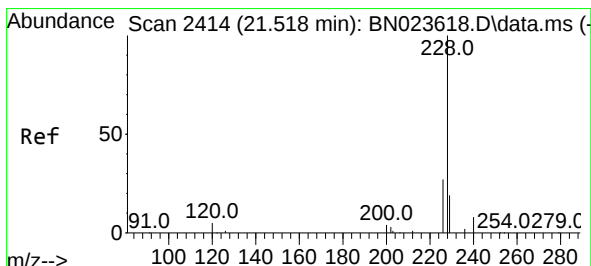
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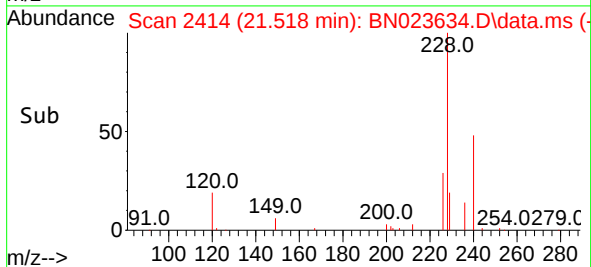
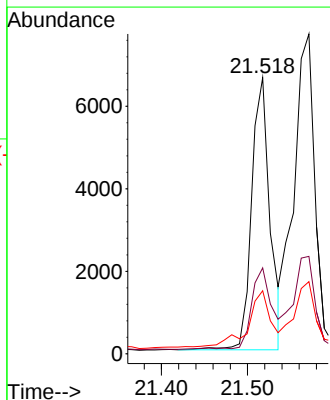
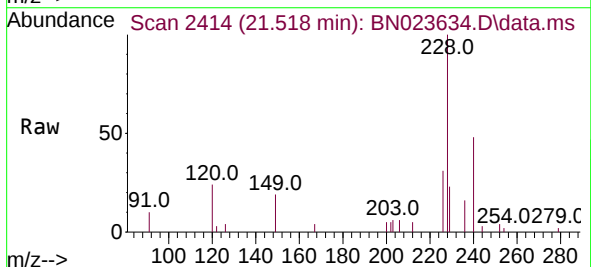
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Upadhyay

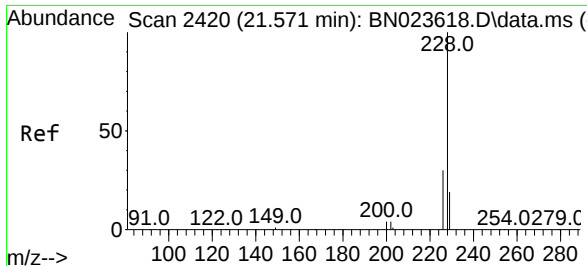
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#32
Benzo(a)anthracene
Concen: 0.185 ng
RT: 21.518 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

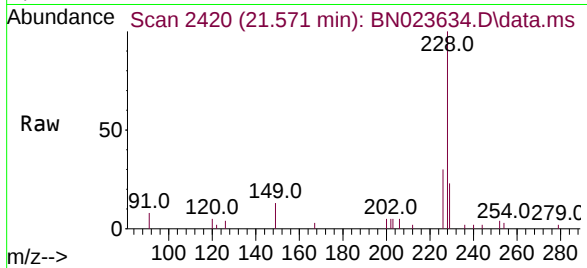
Tgt Ion:228 Resp: 9770
Ion Ratio Lower Upper
228 100
226 31.1 22.2 33.2
229 22.9 15.7 23.5





#33
Chrysene
Concen: 0.223 ng
RT: 21.571 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

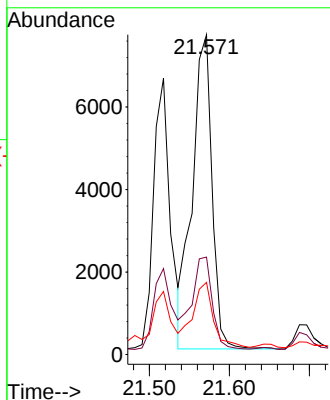
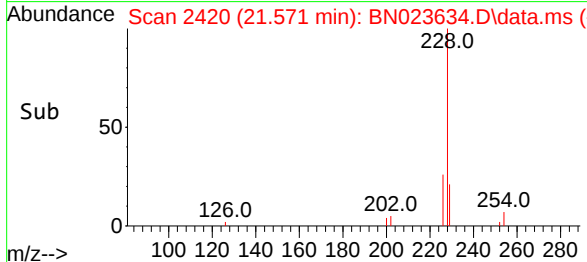
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 13031
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 22.6 15.6 23.4

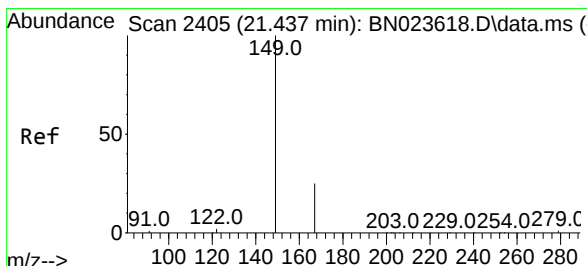
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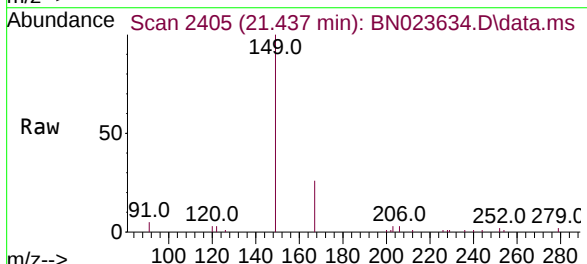


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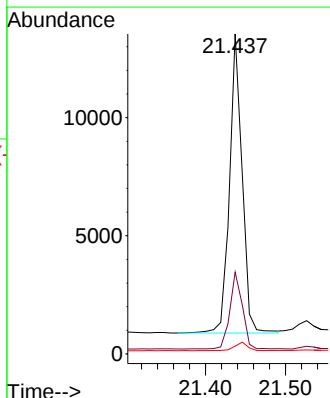
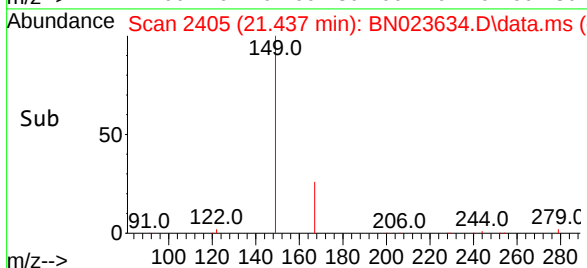
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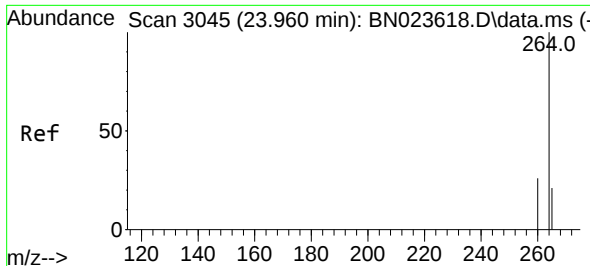


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.559 ng
RT: 21.437 min Scan# 2405
Delta R.T. -0.000 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



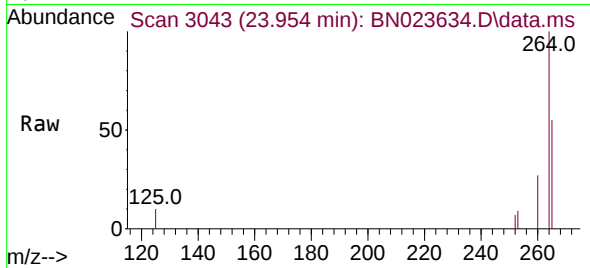
Tgt Ion:149 Resp: 13813
Ion Ratio Lower Upper
149 100
167 25.5 20.6 30.8
279 3.0 2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.954 min Scan# 3045
Delta R.T. -0.006 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48

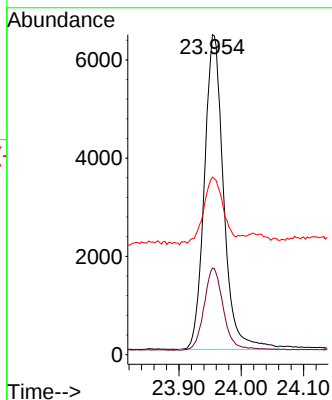
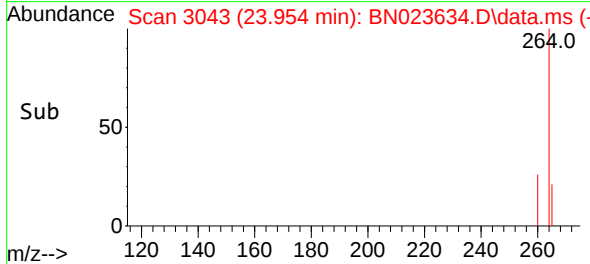
Instrument :
BNA_N
ClientSampleId :
STOCKPILE-A



Tgt Ion:264 Resp: 13745
Ion Ratio Lower Upper
264 100
260 27.0 21.4 32.2
265 55.5 56.6 85.0

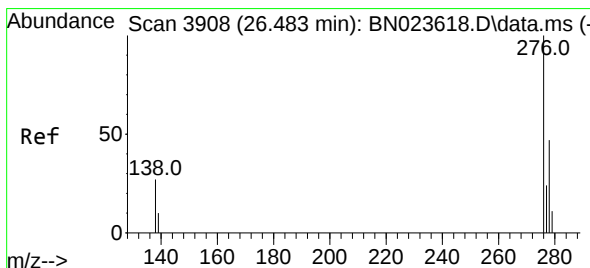
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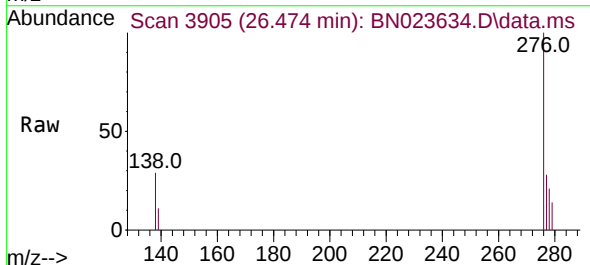


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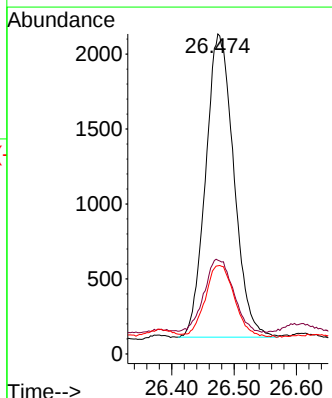
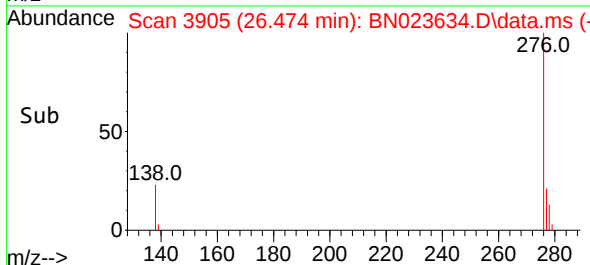
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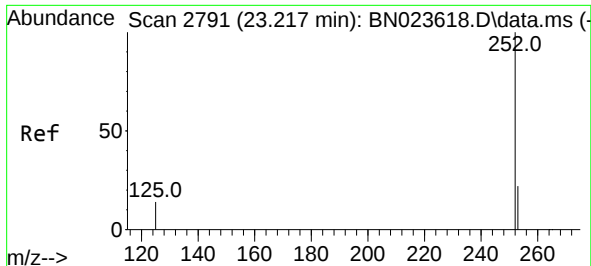


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng
RT: 26.474 min Scan# 3905
Delta R.T. -0.009 min
Lab File: BN023634.D
Acq: 12 Jan 2023 07:48



Tgt Ion:276 Resp: 6329
Ion Ratio Lower Upper
276 100
138 25.1 23.8 35.8
277 24.1 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.255 ng

RT: 23.214 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

Instrument :

BNA_N

ClientSampleId :

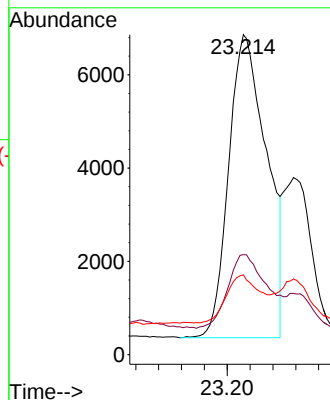
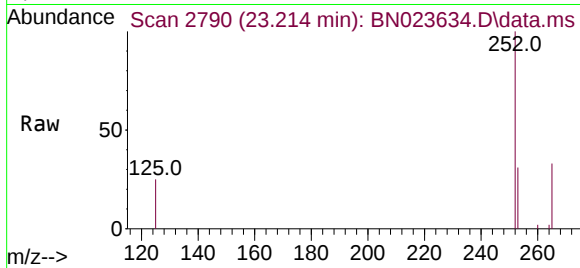
STOCKPILE-A

Tgt Ion:252 Resp: 15004

Ion	Ratio	Lower	Upper
252	100		
253	31.2	20.0	30.0
125	24.9	14.4	21.6

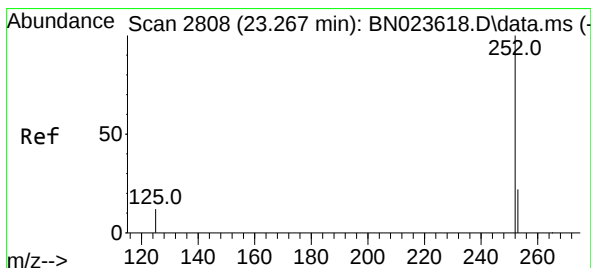
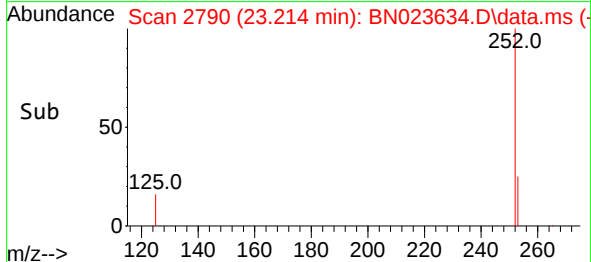
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#38

Benzo(k)fluoranthene

Concen: 0.101 ng m

RT: 23.258 min Scan# 2805

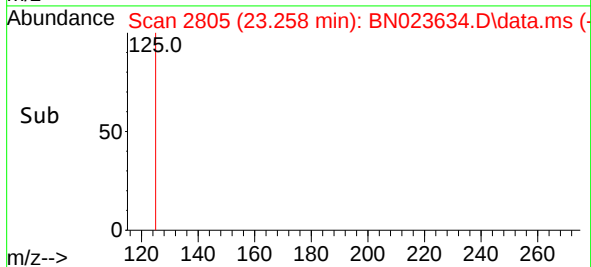
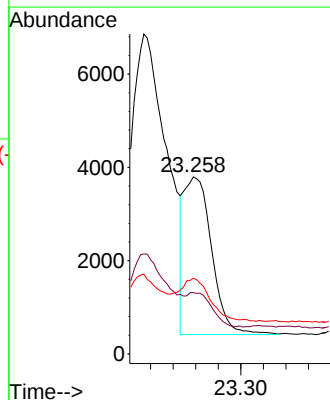
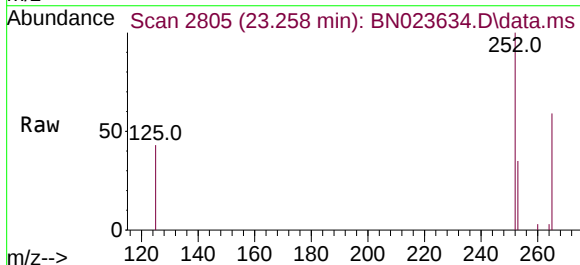
Delta R.T. -0.009 min

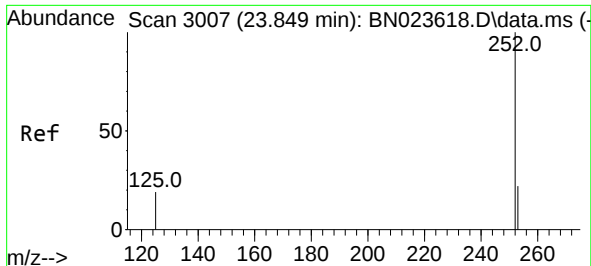
Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

Tgt Ion:252 Resp: 5774

Ion	Ratio	Lower	Upper
252	100		
253	34.6	20.2	30.2
125	42.7	13.0	19.4





#39

Benzo(a)pyrene

Concen: 0.204 ng

RT: 23.846 min Scan# 3007

Delta R.T. -0.003 min

Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

Instrument :

BN023634.D

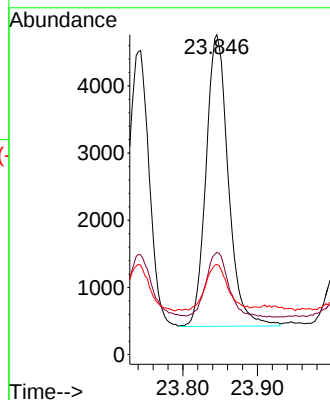
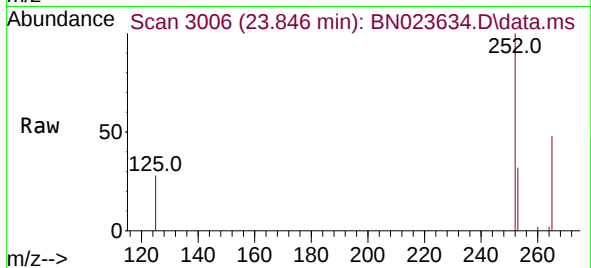
ClientSampleId :

STOCKPILE-A

Tgt Ion:	252	Resp:	901
Ion Ratio	Lower	Upper	
252	100		
253	31.9	22.3	33.5
125	28.2	21.2	31.8

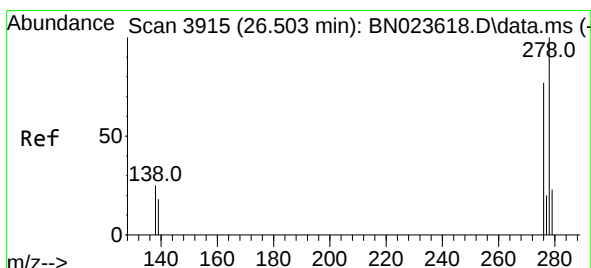
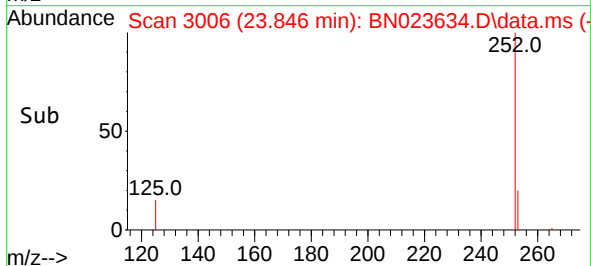
Manual Integrations
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#40

Dibenzo(a,h)anthracene

Concen: 0.031 ng

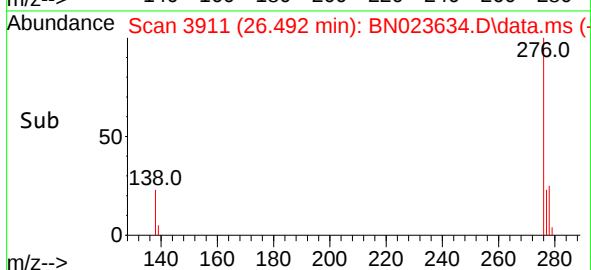
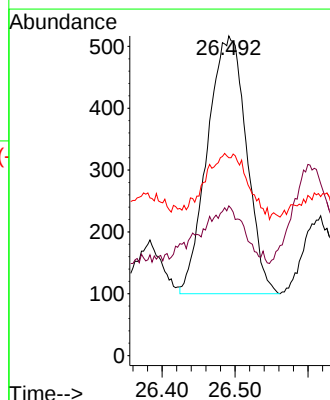
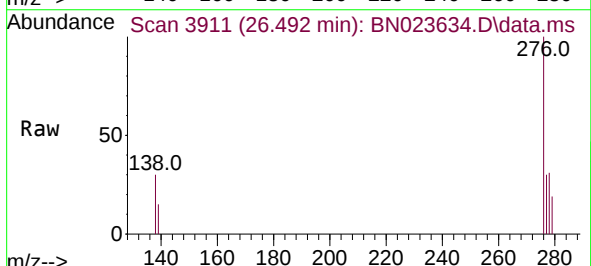
RT: 26.492 min Scan# 3911

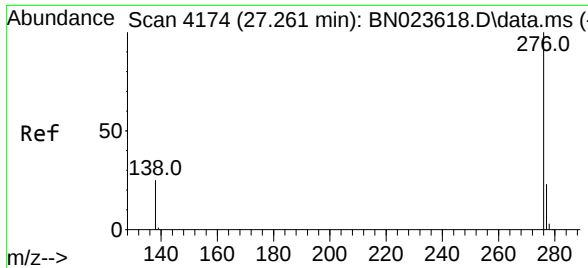
Delta R.T. -0.012 min

Lab File: BN023634.D

Acq: 12 Jan 2023 07:48

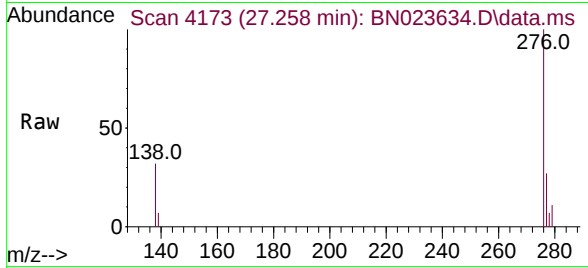
Tgt Ion:	278	Resp:	1548
Ion Ratio	Lower	Upper	
278	100		
139	46.8	16.8	25.2#
279	61.9	21.5	32.3#





#41
 Benzo(g,h,i)perylene
 Concen: 0.142 ng
 RT: 27.258 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: BN023634.D
 Acq: 12 Jan 2023 07:48

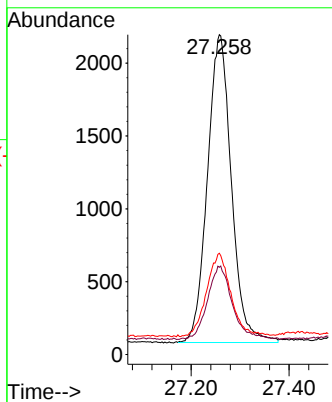
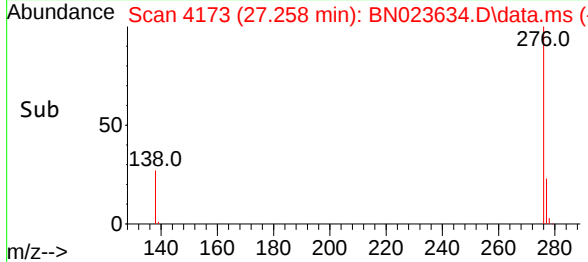
Instrument :
 BNA_N
 ClientSampleId :
 STOCKPILE-A



Tgt Ion:	276	Resp:	717
Ion Ratio	Lower	Upper	
276	100		
277	27.3	19.6	29.4
138	31.7	21.5	32.3

Manual Integrations
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 Giraldo



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 Supervised By :Jagrut
 Upadhyay

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