

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023043.D
 Acq On : 02 Dec 2022 07:57
 Operator : CG/JU
 Sample : N5800-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-OUT01-11282022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 08:50:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	4998	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13258	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6195	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11674	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	6420	0.400	ng	# 0.00
35) Perylene-d12	24.097	264	4718	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	530	0.041	ng	0.00
5) Phenol-d6	7.204	99	848	0.051	ng	0.00
8) Nitrobenzene-d5	9.217	82	3561m	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.454	152	6213	0.216	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	9	0.003	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	13374	0.472	ng	0.00
27) Fluoranthene-d10	19.464	212	7706	0.243	ng	0.00
31) Terphenyl-d14	20.058	244	6528	0.433	ng	0.00
Target Compounds						Qvalue
32) Benzo(a)anthracene	21.607	228	598	0.023	ng	# 84
33) Chrysene	21.661	228	754	0.028	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.527	149	656	0.063	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.690	276	493	0.025	ng	# 68
37) Benzo(b)fluoranthene	23.340	252	716	0.034	ng	# 1
38) Benzo(k)fluoranthene	23.390	252	586	0.026	ng	# 1
40) Dibenzo(a,h)anthracene	26.720	278	450	0.029	ng	# 10
41) Benzo(g,h,i)perylene	27.488	276	461	0.028	ng	# 46

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

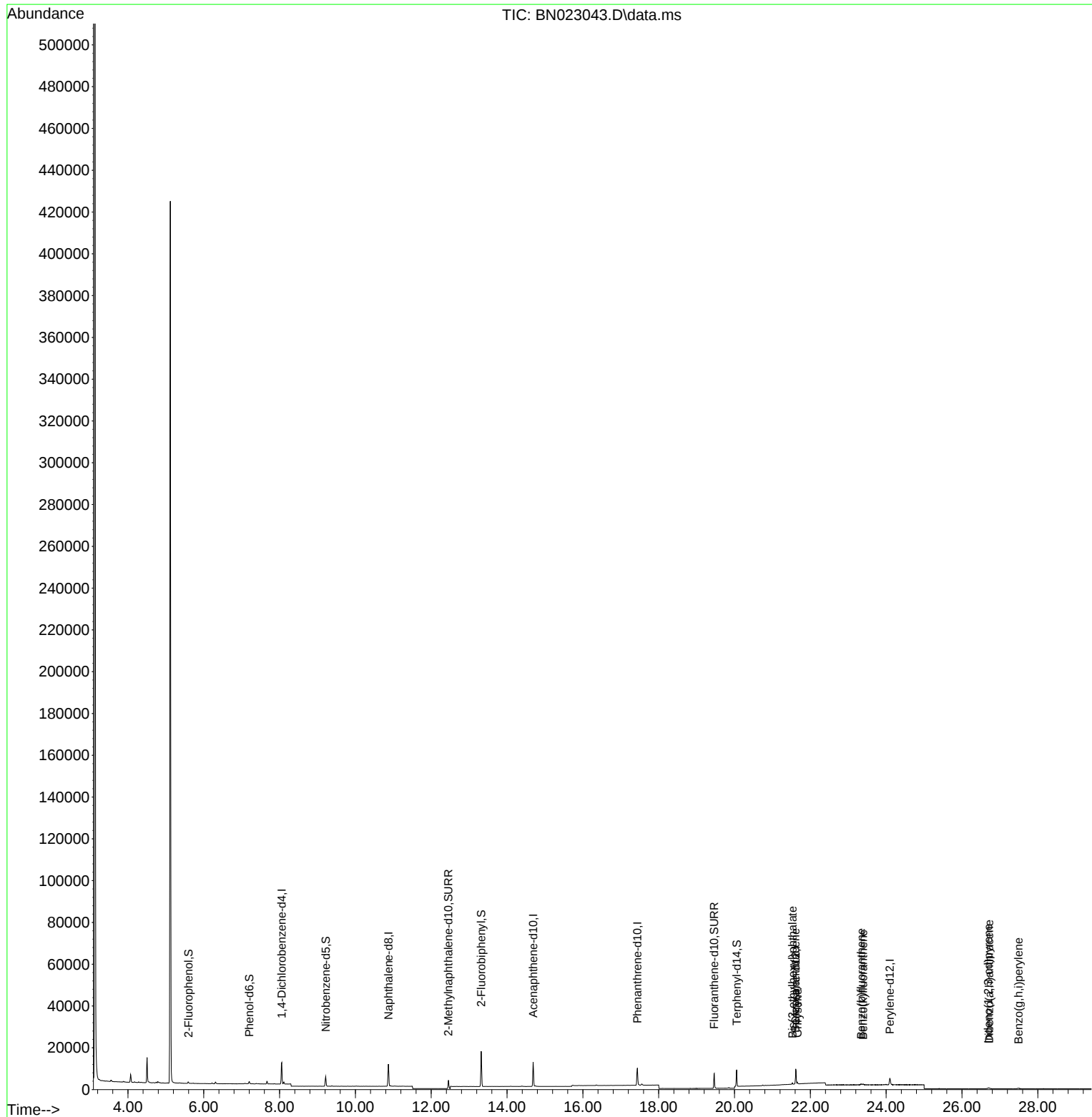
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023043.D
Acq On : 02 Dec 2022 07:57
Operator : CG/JU
Sample : N5800-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

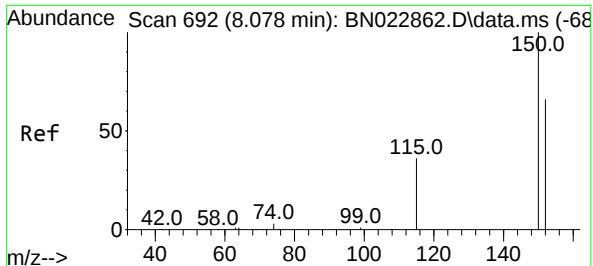
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT01-11282022

Quant Time: Dec 02 08:50:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

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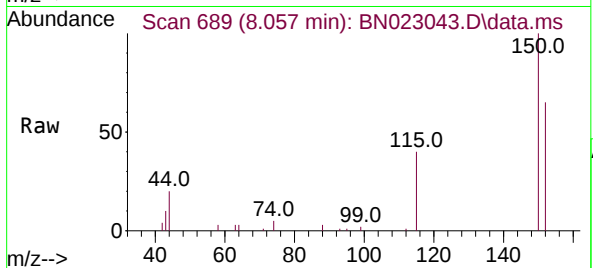
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 689
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

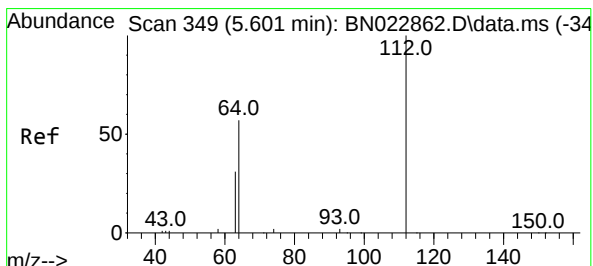
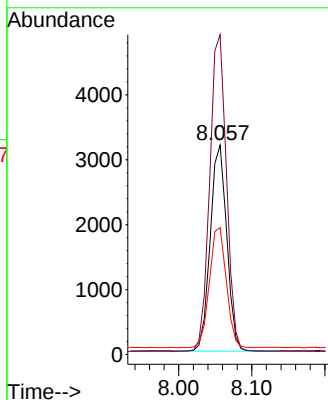
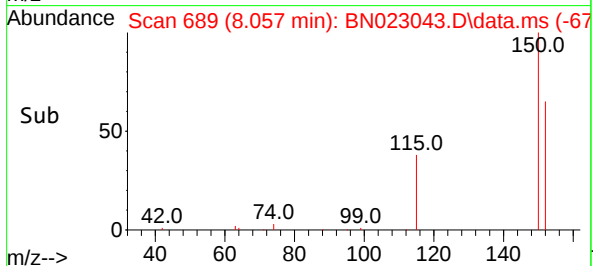
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT01-11282022



Tgt Ion:152 Resp: 4998
Ion Ratio Lower Upper
152 100
150 152.7 121.2 181.8
115 60.6 46.2 69.4

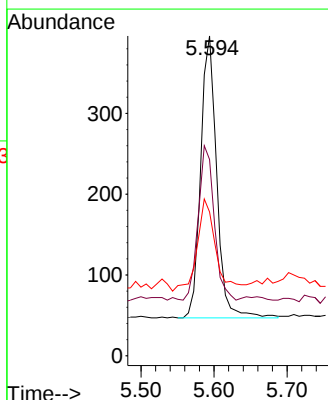
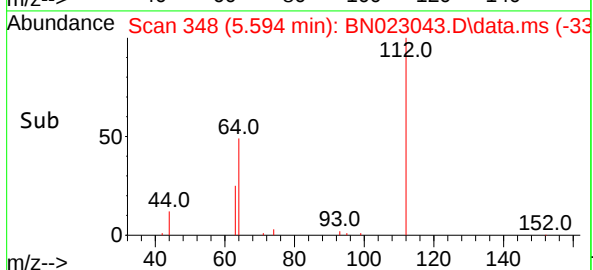
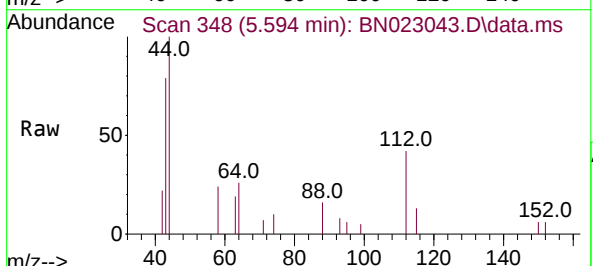
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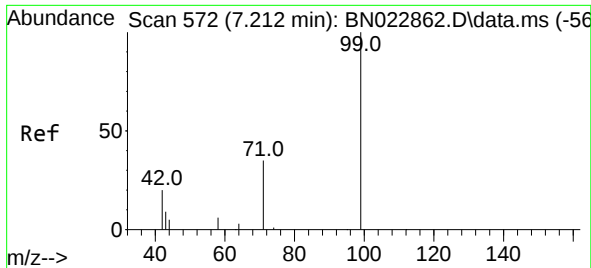
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

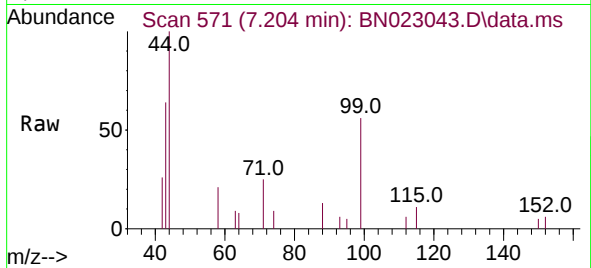
Tgt Ion:112 Resp: 530
Ion Ratio Lower Upper
112 100
64 54.7 43.4 65.2
63 37.4 23.4 35.2#





#5
Phenol-d6
Concen: 0.051 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

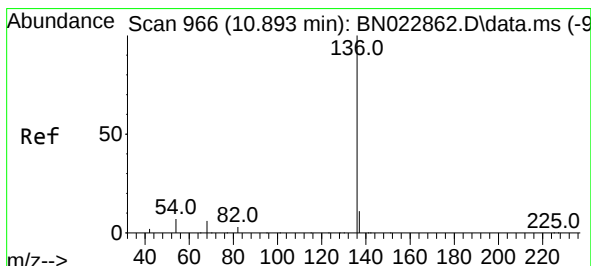
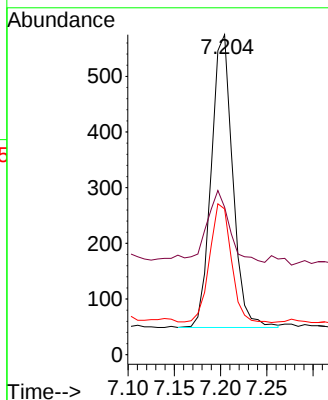
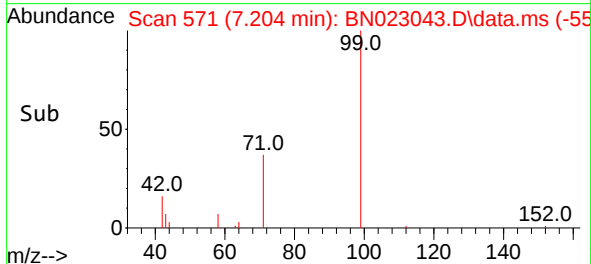
Instrument :
BNA_N
ClientSampleId :
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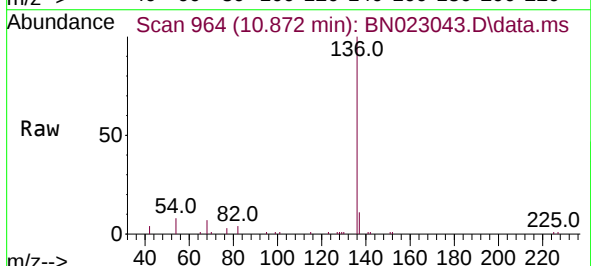
Tgt Ion: 99 Resp: 848
Ion Ratio Lower Upper
99 100
42 28.3 16.0 24.0
71 40.9 26.8 40.2

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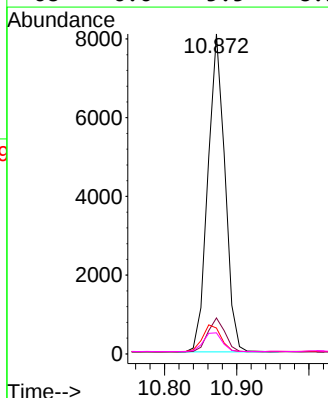
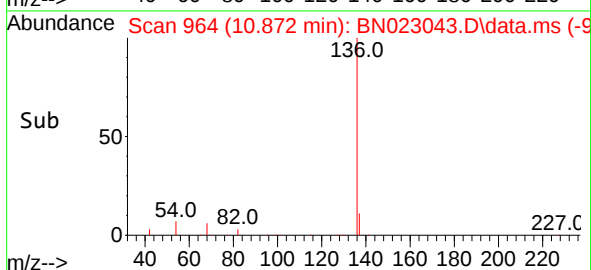
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

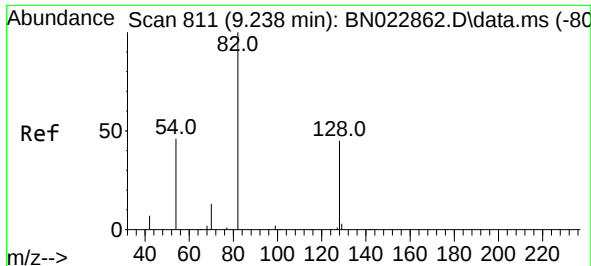


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57



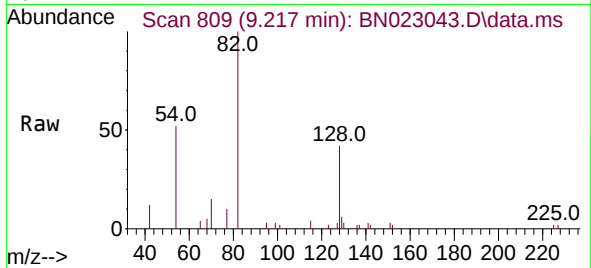
Tgt Ion:136 Resp: 13258
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.1 6.6 9.8
68 6.6 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.346 ng m
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

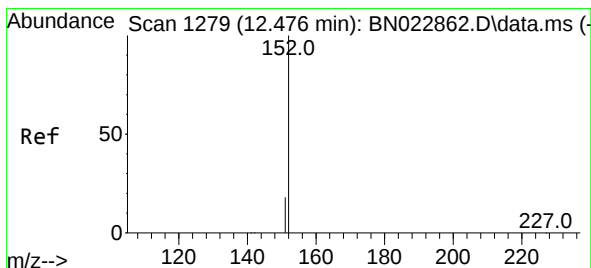
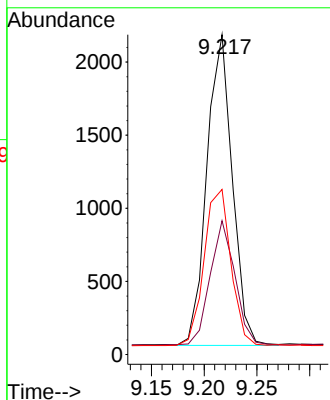
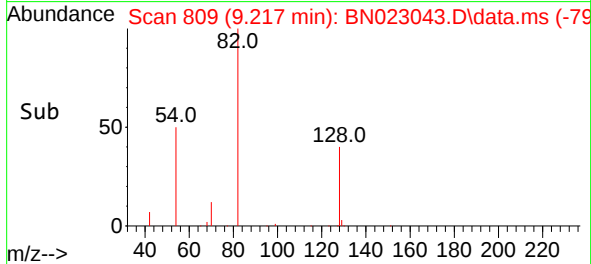
Instrument :
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ClientSampleId :
RW9-PT-OUT01-11282022



Tgt Ion: 82 Resp: 356
Ion Ratio Lower Upper
82 100
128 41.8 36.6 54.8
54 51.6 38.5 57.7

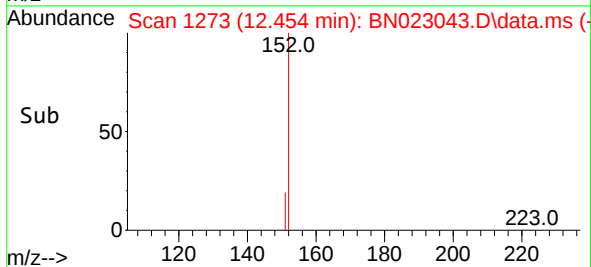
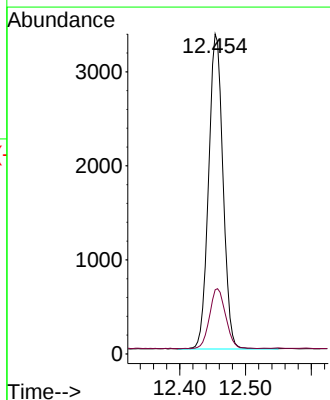
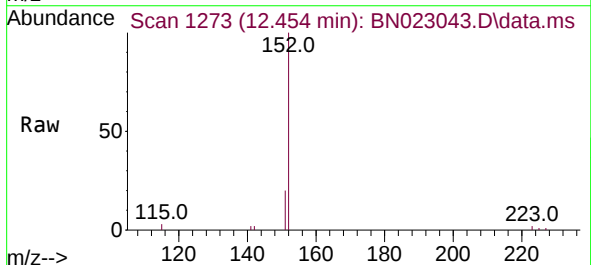
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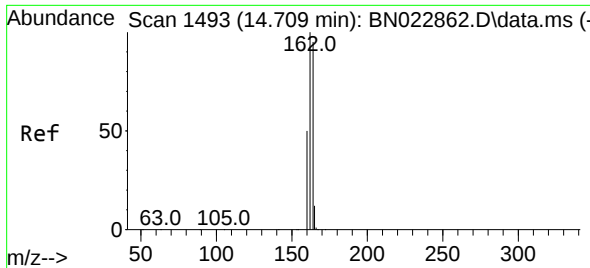
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#11
2-Methylnaphthalene-d10
Concen: 0.216 ng
RT: 12.454 min Scan# 1273
Delta R.T. -0.004 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

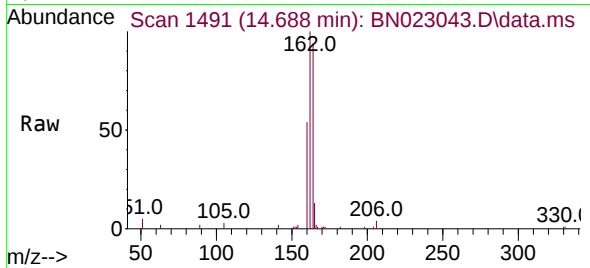
Tgt Ion:152 Resp: 6213
Ion Ratio Lower Upper
152 100
151 18.7 18.6 27.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

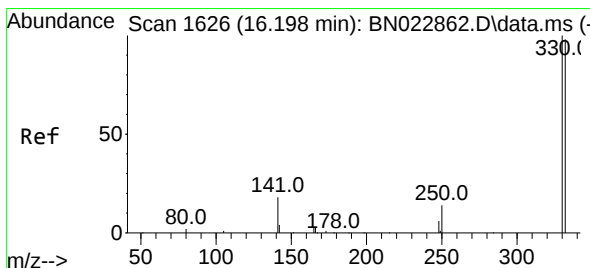
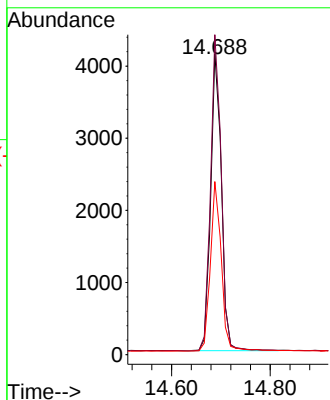
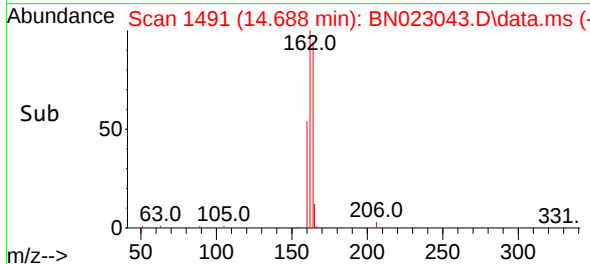
Instrument : BNA_N
ClientSampleId : RW9-PT-OUT01-11282022



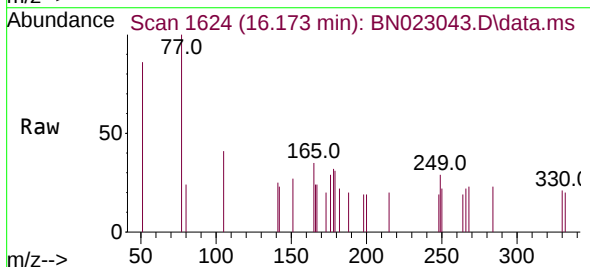
Tgt Ion:164 Resp: 6195
Ion Ratio Lower Upper
164 100
162 106.4 84.2 126.4
160 57.6 42.5 63.7

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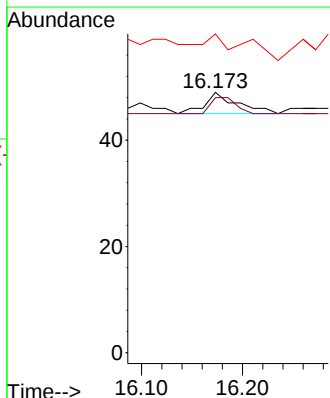
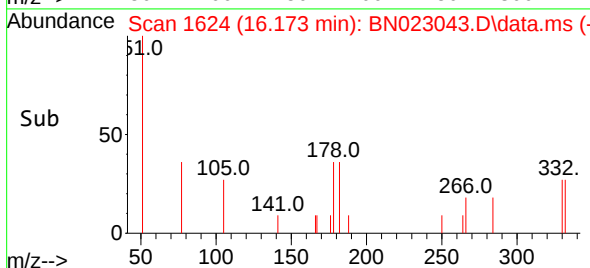
Reviewed By :Christian Giraldo 12/02/2022
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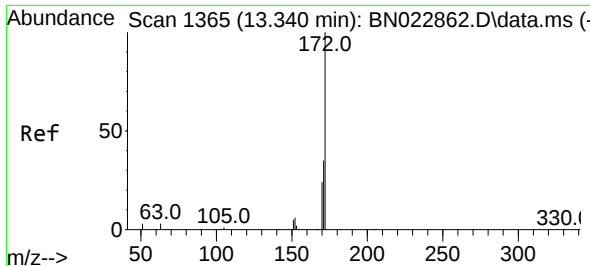


#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.013 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57



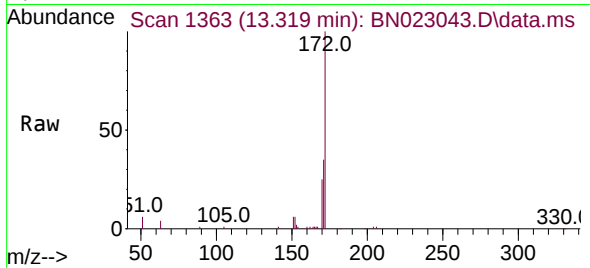
Tgt Ion:330 Resp: 9
Ion Ratio Lower Upper
330 100
332 55.6 76.5 114.7#
141 133.3 32.6 48.8#





#15
2-Fluorobiphenyl
Concen: 0.472 ng
RT: 13.319 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

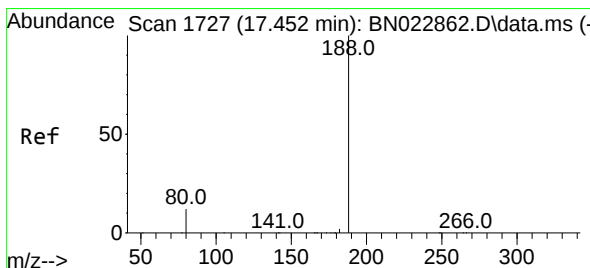
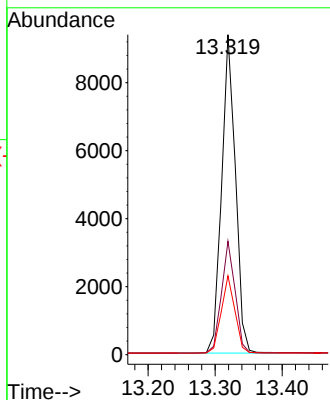
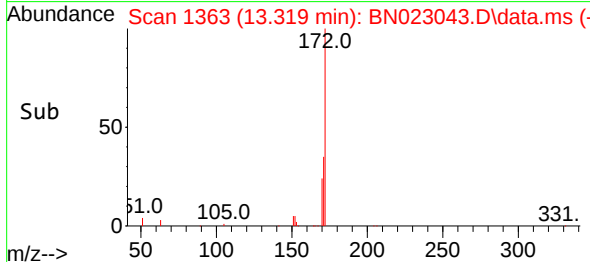
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT01-11282022



Tgt Ion:172 Resp: 13374
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 24.6 19.3 28.9

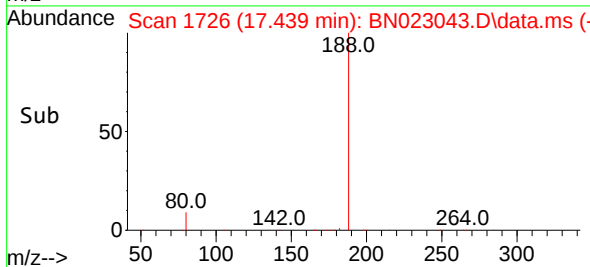
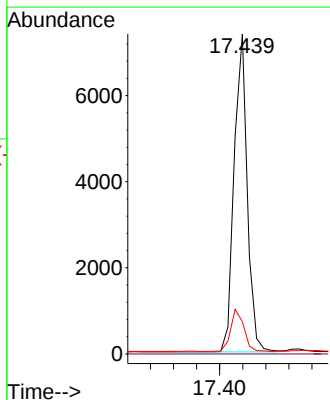
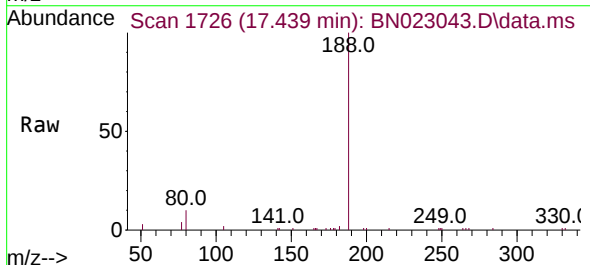
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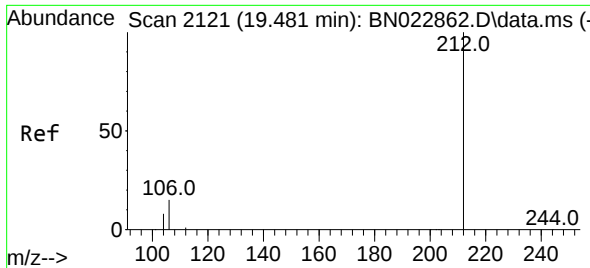
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

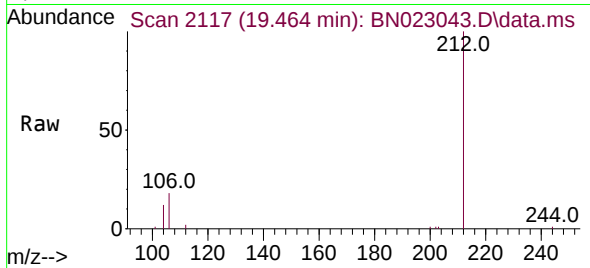
Tgt Ion:188 Resp: 11674
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 10.3 15.5





#27
Fluoranthene-d10
Concen: 0.243 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

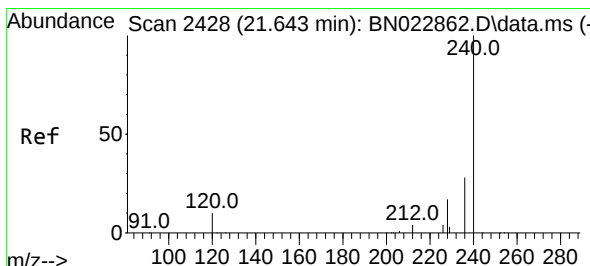
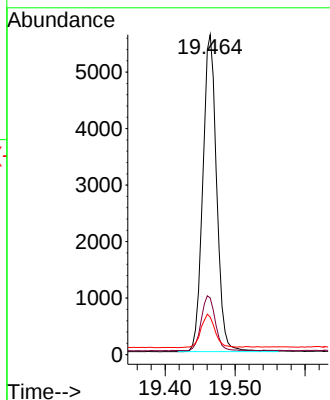
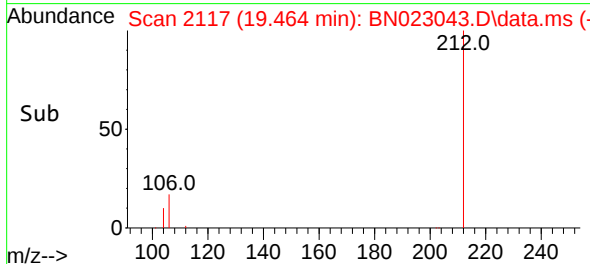
Instrument :
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RW9-PT-OUT01-11282022



Tgt Ion:212 Resp: 7700
Ion Ratio Lower Upper
212 100
106 17.6 12.3 18.5
104 10.6 7.0 10.4

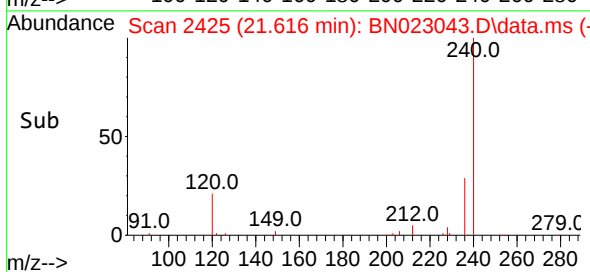
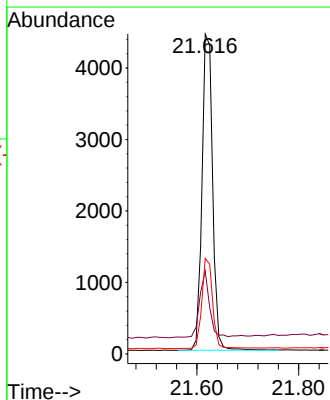
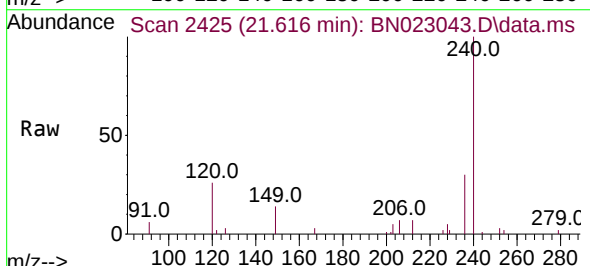
Manual Integrations
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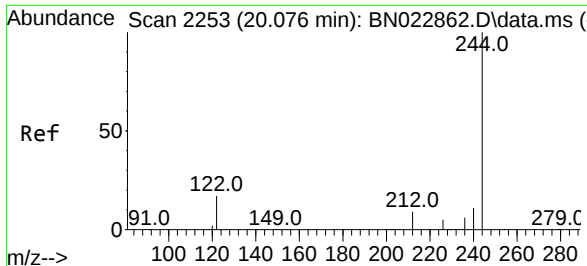
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

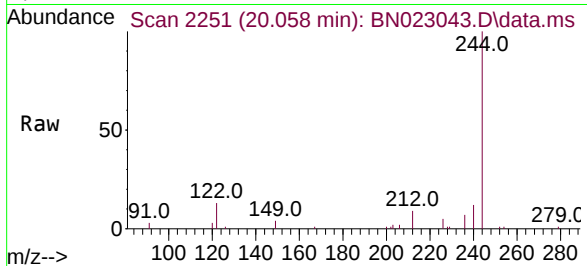
Tgt Ion:240 Resp: 6420
Ion Ratio Lower Upper
240 100
120 25.9 9.2 13.8#
236 29.8 22.6 34.0





#31
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 20.058 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN023043.D
 Acq: 02 Dec 2022 07:57

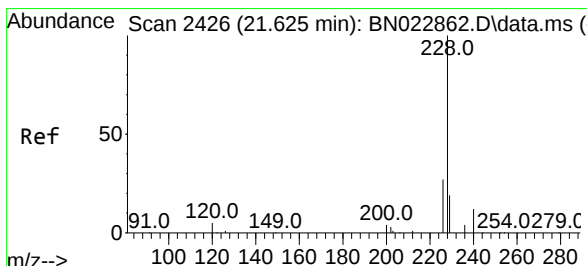
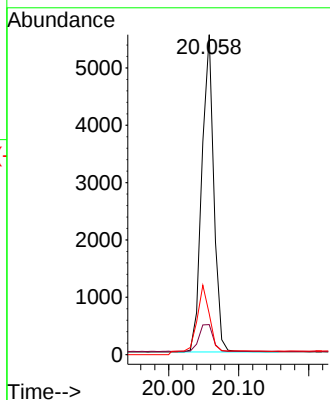
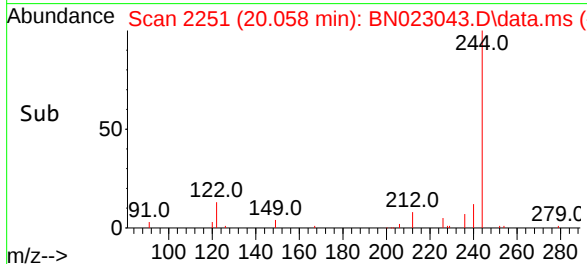
Instrument :
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Tgt Ion:244 Resp: 6528
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.9 11.9
 122 12.7 13.9 20.9

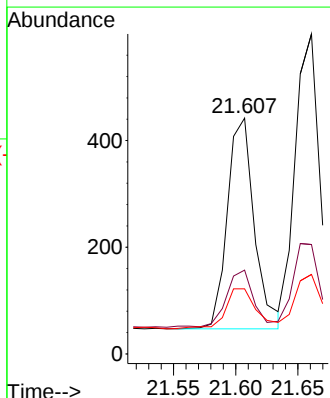
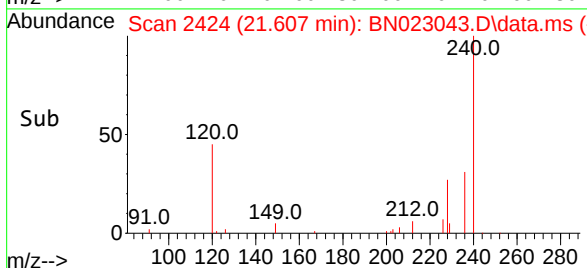
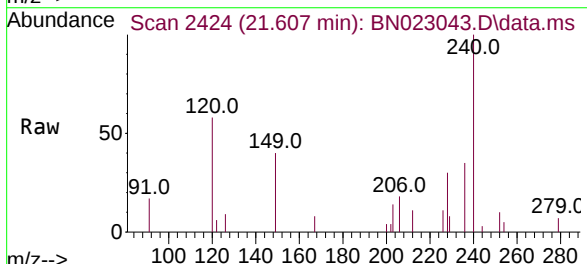
Manual Integrations
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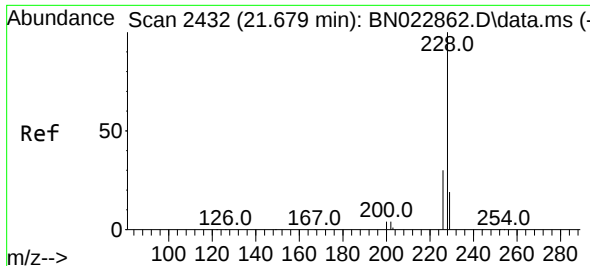
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#32
 Benzo(a)anthracene
 Concen: 0.023 ng
 RT: 21.607 min Scan# 2424
 Delta R.T. -0.000 min
 Lab File: BN023043.D
 Acq: 02 Dec 2022 07:57

Tgt Ion:228 Resp: 598
 Ion Ratio Lower Upper
 228 100
 226 35.5 22.1 33.1#
 229 27.6 15.8 23.6#





#33

Chrysene

Concen: 0.028 ng

RT: 21.661 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BN023043.D

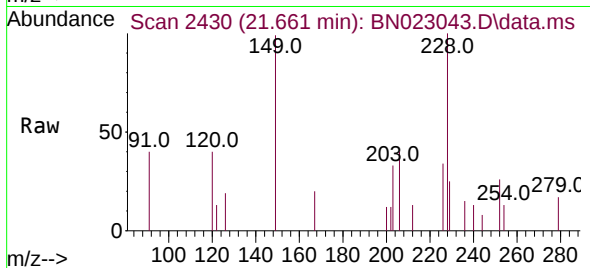
Acq: 02 Dec 2022 07:57

Instrument :

BNA_N

ClientSampleId :

RW9-PT-OUT01-11282022



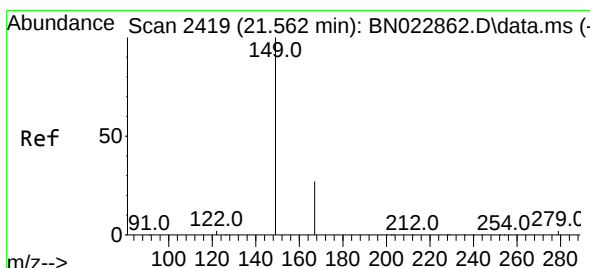
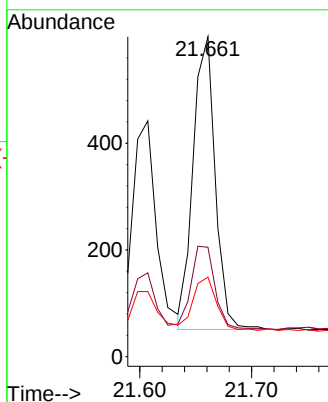
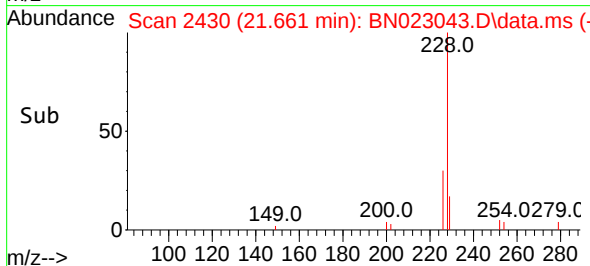
Tgt Ion:	228	Resp:	754
Ion Ratio	Lower	Upper	
228	100		
226	34.2	24.5	36.7
229	24.8	15.8	23.6

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Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.063 ng

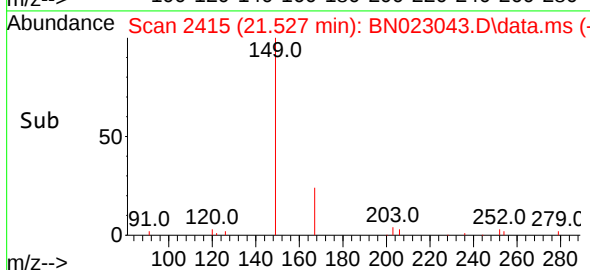
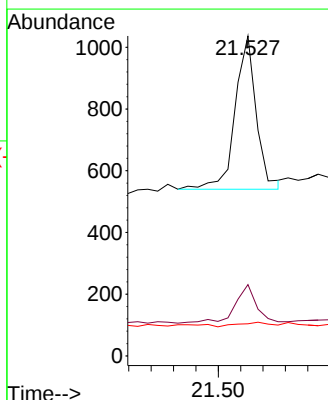
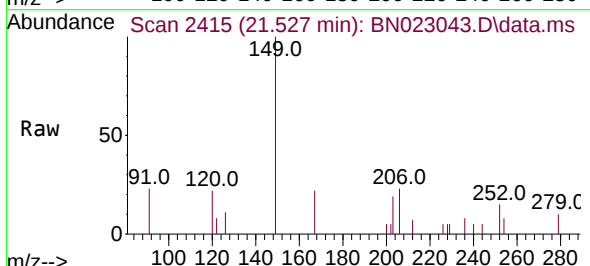
RT: 21.527 min Scan# 2415

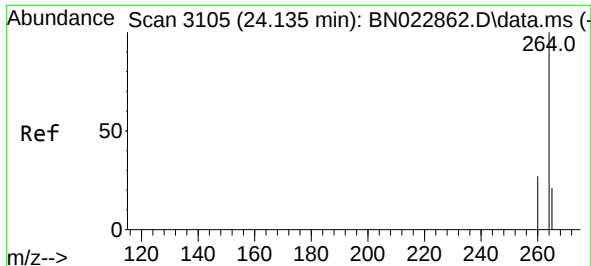
Delta R.T. -0.000 min

Lab File: BN023043.D

Acq: 02 Dec 2022 07:57

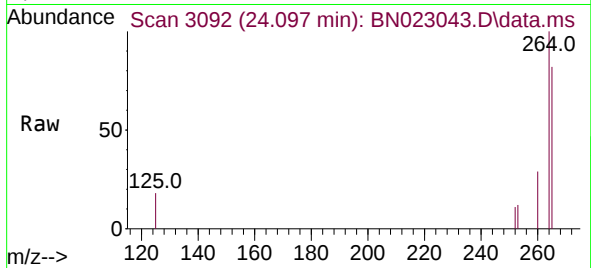
Tgt Ion:	149	Resp:	656
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	4.6	2.3	3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.097 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BN023043.D
 Acq: 02 Dec 2022 07:57

Instrument :
 BNA_N
 ClientSampleId :
 RW9-PT-OUT01-11282022

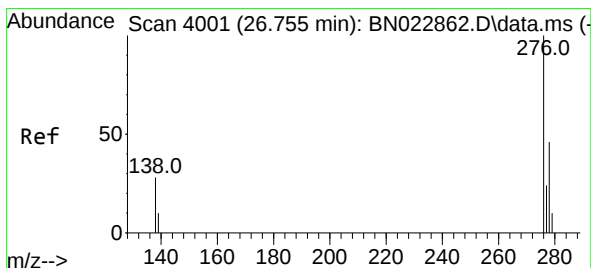
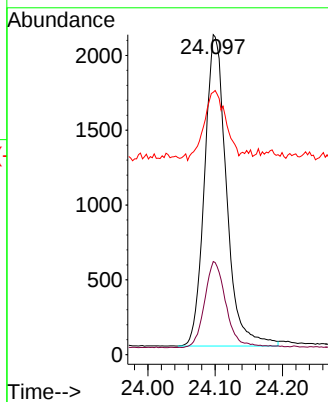
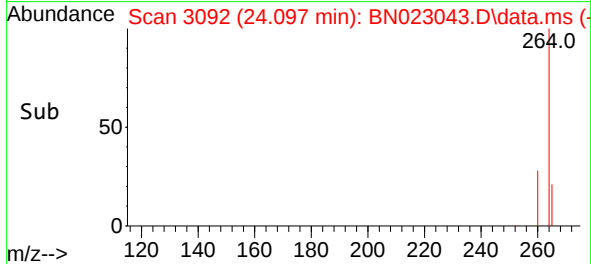


Tgt Ion: 264 Resp: 4718

Ion	Ratio	Lower	Upper
264	100		
260	29.1	21.7	32.5
265	82.0	31.0	46.4

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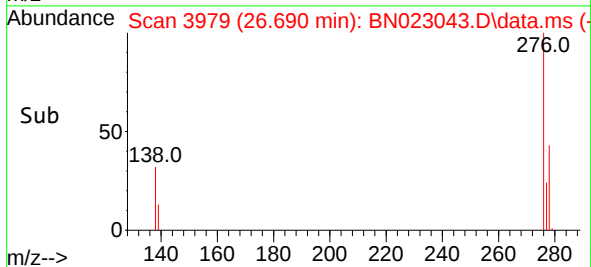
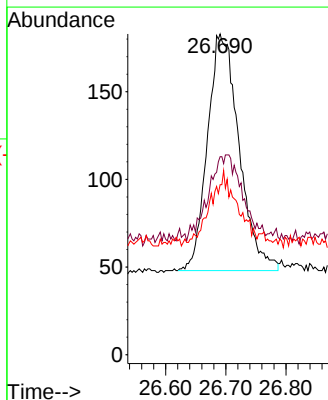
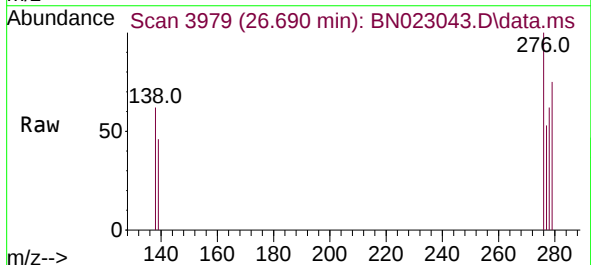
Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

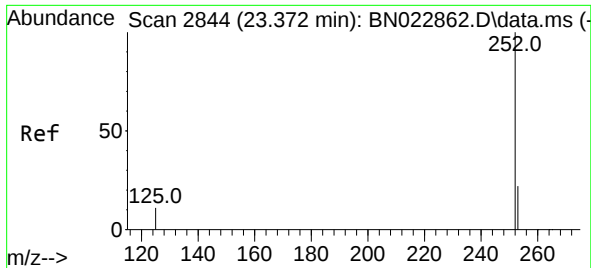


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.025 ng
 RT: 26.690 min Scan# 3979
 Delta R.T. -0.006 min
 Lab File: BN023043.D
 Acq: 02 Dec 2022 07:57

Tgt Ion: 276 Resp: 493

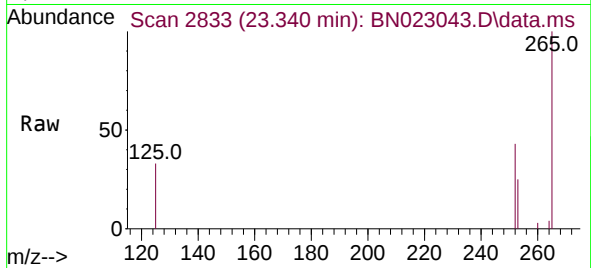
Ion	Ratio	Lower	Upper
276	100		
138	0.0	24.4	36.6
277	26.0	19.9	29.9





#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 23.340 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

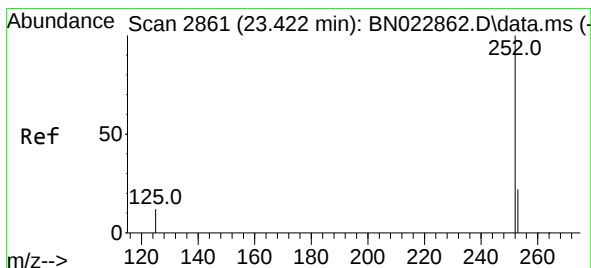
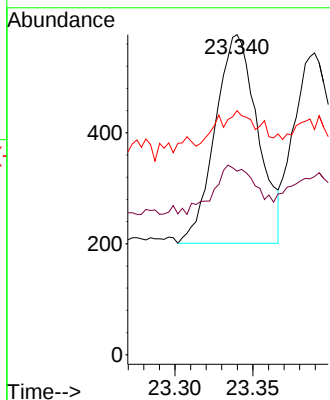
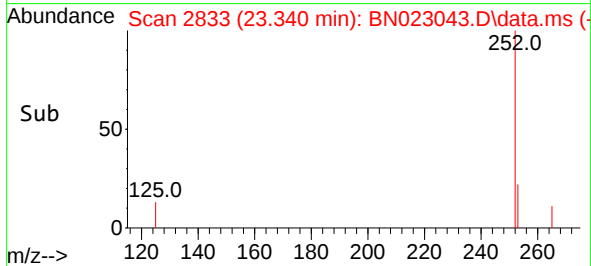
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT01-11282022



Tgt Ion:252 Resp: 716
Ion Ratio Lower Upper
252 100
253 57.4 18.5 27.7#
125 76.3 10.8 16.2#

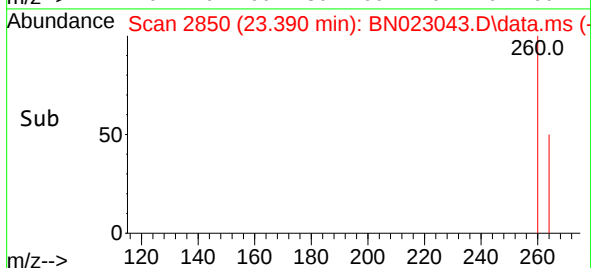
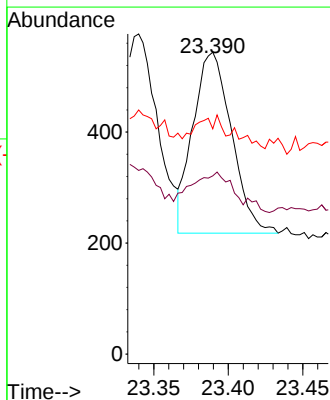
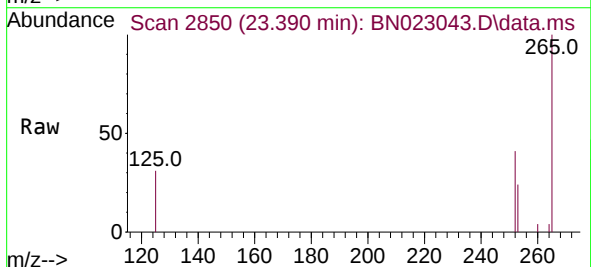
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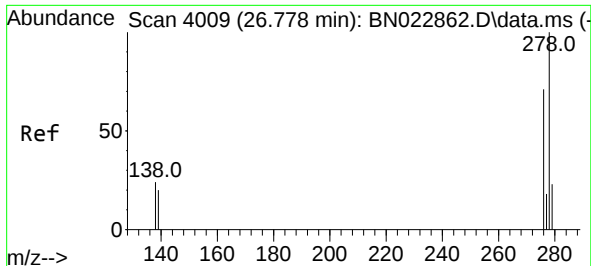
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#38
Benzo(k)fluoranthene
Concen: 0.026 ng
RT: 23.390 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

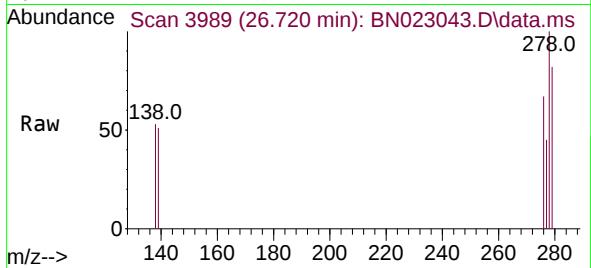
Tgt Ion:252 Resp: 586
Ion Ratio Lower Upper
252 100
253 59.0 18.6 27.8#
125 74.6 11.0 16.4#





#40
Dibenzo(a,h)anthracene
Concen: 0.029 ng
RT: 26.720 min Scan# 3989
Delta R.T. 0.003 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

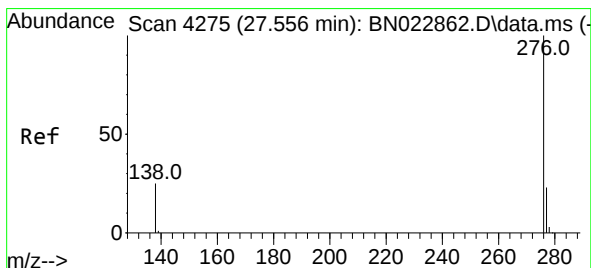
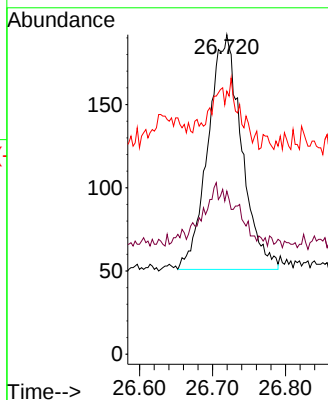
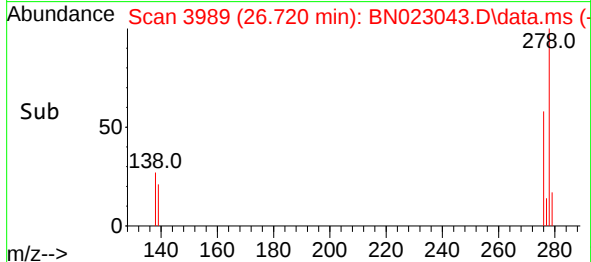
Instrument :
BNA_N
ClientSampleId :
RW9-PT-OUT01-11282022



Tgt Ion:278 Resp: 450
Ion Ratio Lower Upper
278 100
139 51.0 17.4 26.0#
279 82.3 20.0 30.0#

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#41
Benzo(g,h,i)perylene
Concen: 0.028 ng
RT: 27.488 min Scan# 4252
Delta R.T. -0.006 min
Lab File: BN023043.D
Acq: 02 Dec 2022 07:57

Tgt Ion:276 Resp: 461
Ion Ratio Lower Upper
276 100
277 50.8 19.7 29.5#
138 55.2 21.4 32.2#

