

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
 Data File : BN028236.D
 Acq On : 11 Oct 2023 17:13
 Operator : MA/JU
 Sample : 04793-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023

Quant Time: Oct 12 04:05:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 12 04:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	2773	0.400	ng	0.00
7) Naphthalene-d8	10.746	136	8769	0.400	ng	# 0.01
13) Acenaphthene-d10	14.566	164	5436	0.400	ng	0.00
19) Phenanthrene-d10	17.331	188	12688	0.400	ng	0.01
29) Chrysene-d12	21.524	240	13357	0.400	ng	0.00
35) Perylene-d12	23.999	264	14161	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	1174	0.142	ng	0.00
5) Phenol-d6	7.106	99	753	0.072	ng	0.01
8) Nitrobenzene-d5	9.144	82	2456	0.329	ng	0.02
11) 2-Methylnaphthalene-d10	12.332	152	4375	0.337	ng	0.00
14) 2,4,6-Tribromophenol	16.077	330	986	0.396	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	6766	0.345	ng	0.01
27) Fluoranthene-d10	19.360	212	13940	0.438	ng	0.00
31) Terphenyl-d14	19.946	244	14369	0.461	ng	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.393	202	1261	0.032	ng	# 94
30) Pyrene	19.760	202	1223	0.025	ng	98
32) Benzo(a)anthracene	21.506	228	1447	0.032	ng	# 42
33) Chrysene	21.560	228	1757	0.040	ng	# 59
34) Bis(2-ethylhexyl)phtha...	21.372	149	4311	0.144	ng	92
36) Indeno(1,2,3-cd)pyrene	26.604	276	1028	0.022	ng	# 81
37) Benzo(b)fluoranthene	23.238	252	2481	0.054	ng	# 1
38) Benzo(k)fluoranthene	23.285	252	1210m	0.026	ng	

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

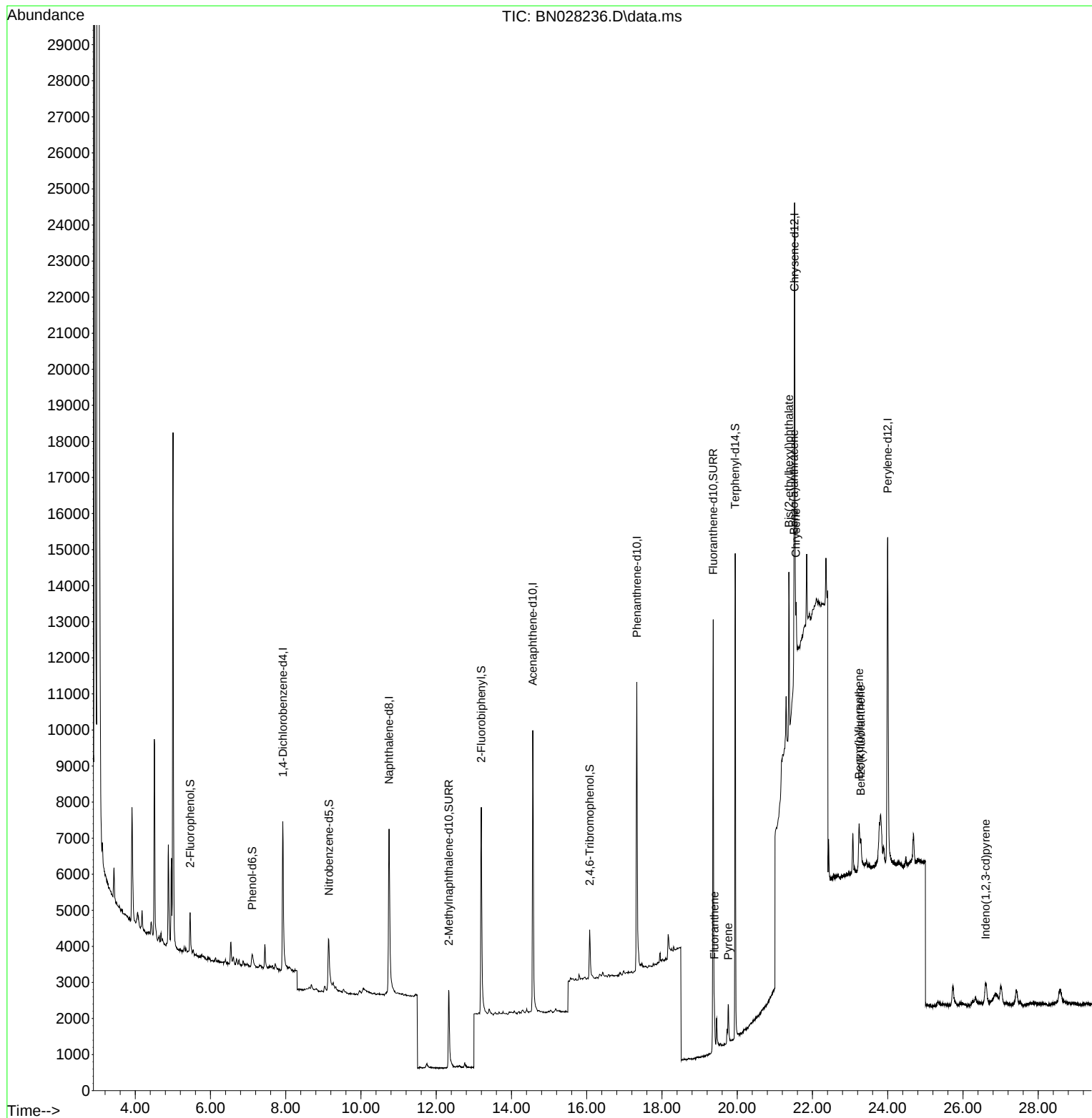
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028236.D
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QLast Update : Thu Oct 12 04:03:12 2023
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APPROVED

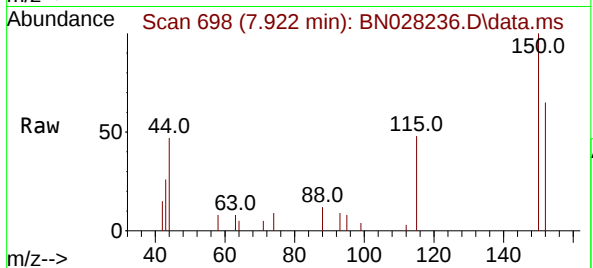
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

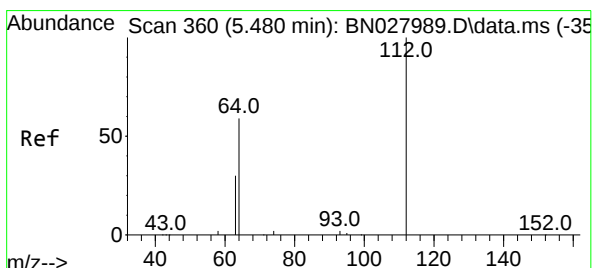
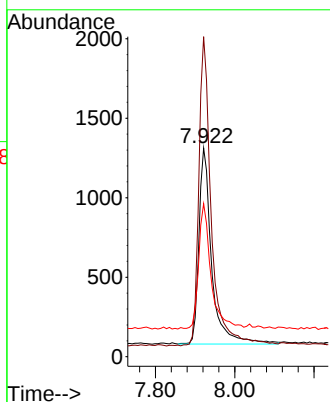
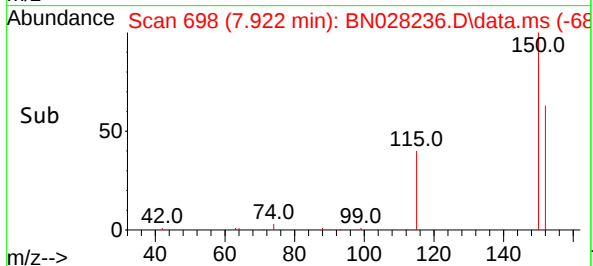
Instrument :
BNA_N
ClientSampleId :
SP-201-20231005



Tgt Ion:152 Resp: 277
Ion Ratio Lower Upper
152 100
150 153.3 125.6 188.4
115 73.3 54.8 82.2

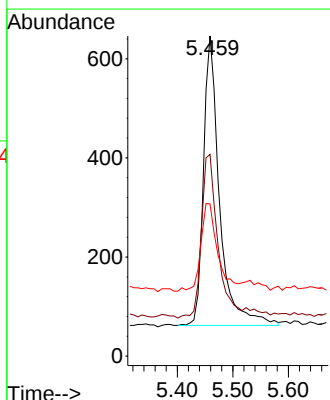
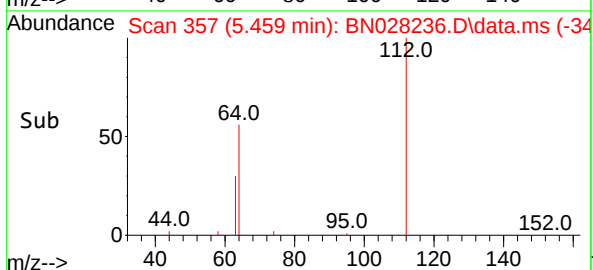
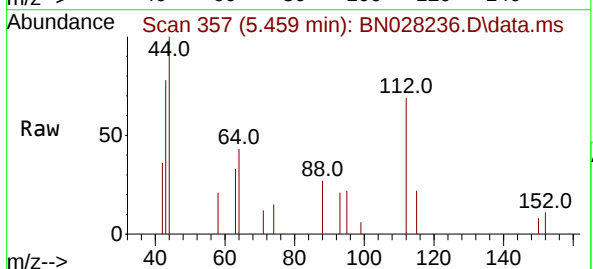
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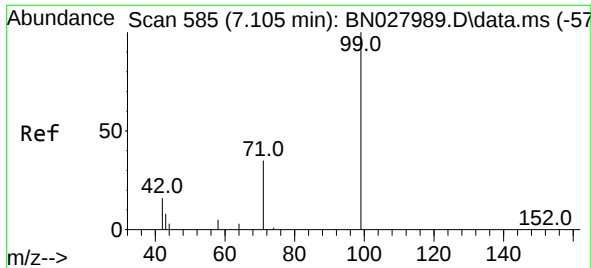
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

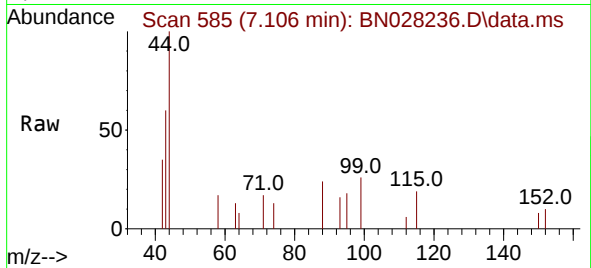
Tgt Ion:112 Resp: 1174
Ion Ratio Lower Upper
112 100
64 57.8 45.0 67.6
63 31.6 23.4 35.0





#5
Phenol-d6
Concen: 0.072 ng
RT: 7.106 min Scan# 585
Delta R.T. 0.014 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

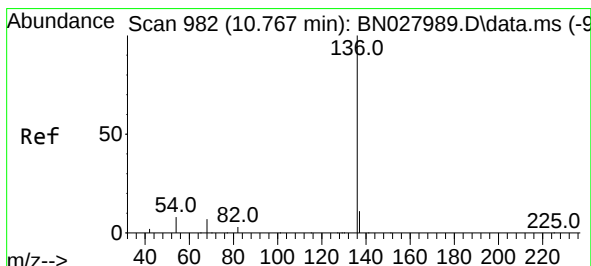
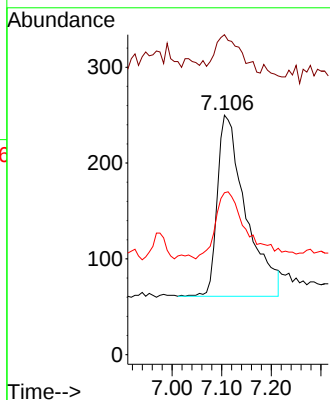
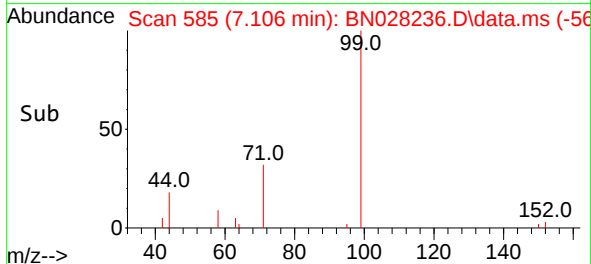
Instrument :
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ClientSampleId :
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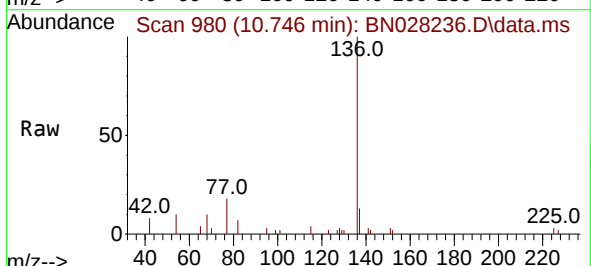
Tgt Ion: 99 Resp: 75
Ion Ratio Lower Upper
99 100
42 18.7 14.6 22.0
71 38.8 28.3 42.5

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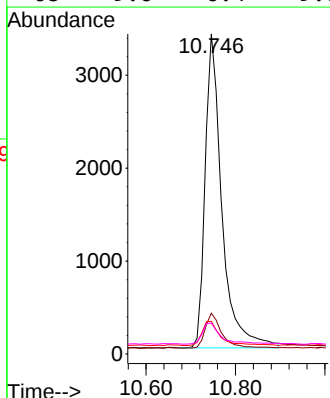
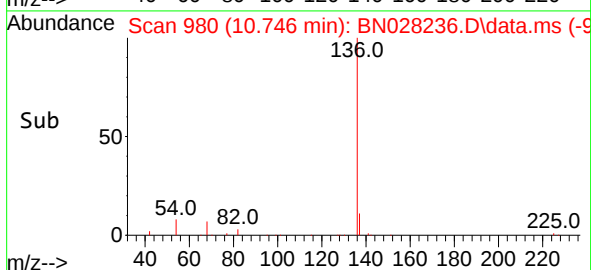
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Supervised By :mohammad ahmed 10/13/2023

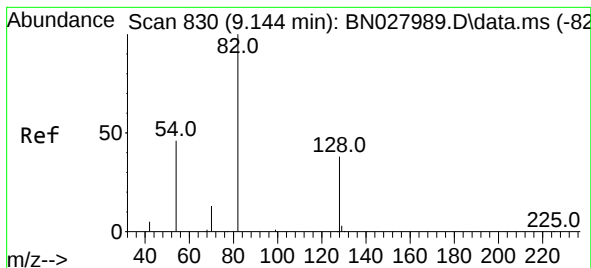


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.746 min Scan# 980
Delta R.T. 0.011 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13



Tgt Ion:136 Resp: 8769
Ion Ratio Lower Upper
136 100
137 12.7 9.4 14.0
54 10.2 7.0 10.6
68 9.6 6.4 9.6#





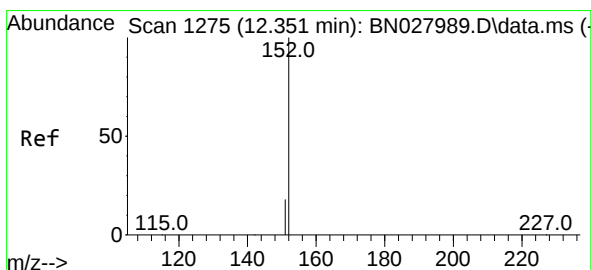
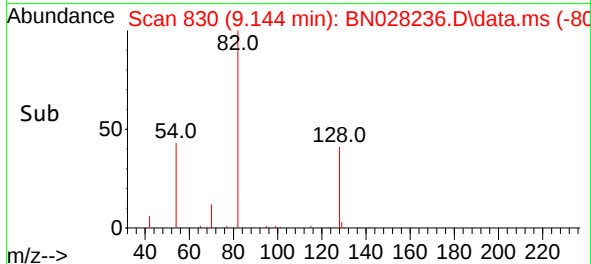
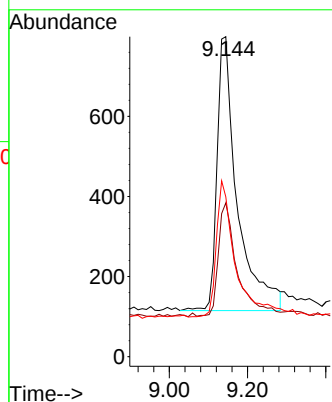
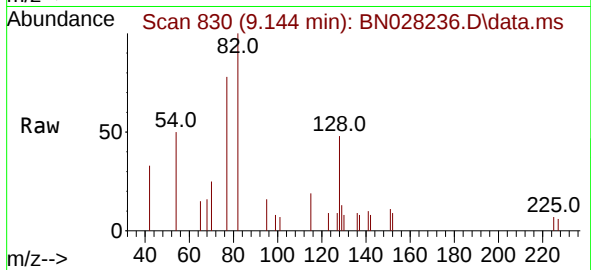
#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.021 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

Instrument :
BNA_N
ClientSampleId :
SP-201-20231005

Tgt Ion: 82 Resp: 245
Ion Ratio Lower Upper
82 100
128 48.1 32.7 49.1
54 49.9 38.7 58.1

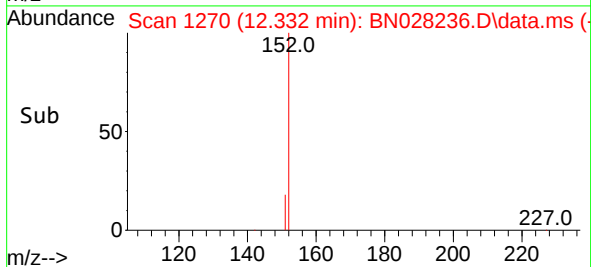
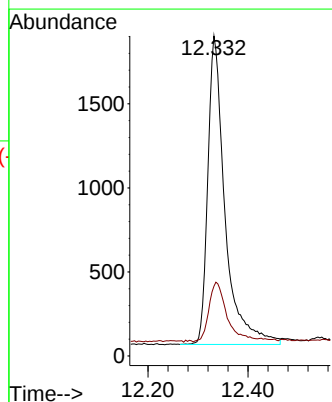
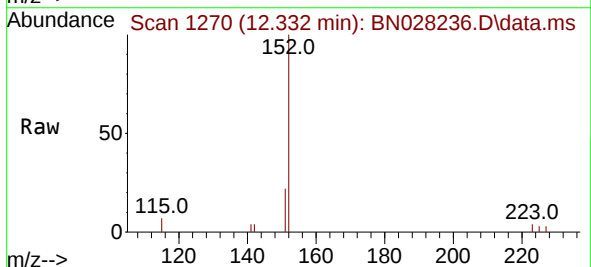
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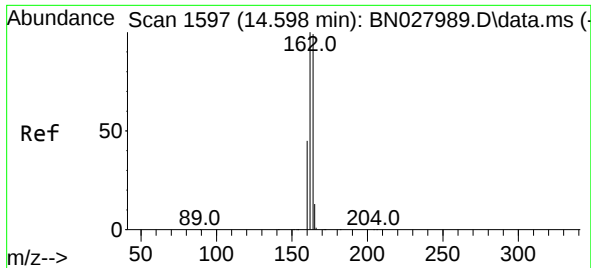
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.332 min Scan# 1270
Delta R.T. 0.007 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

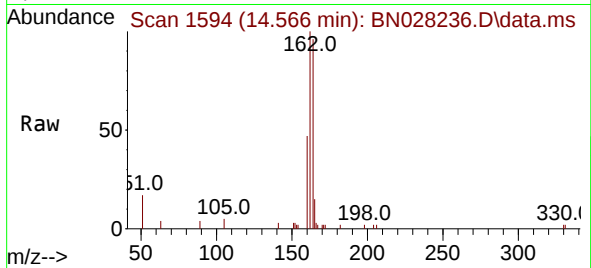
Tgt Ion:152 Resp: 4375
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.566 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

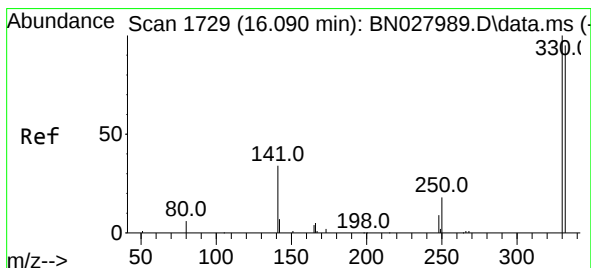
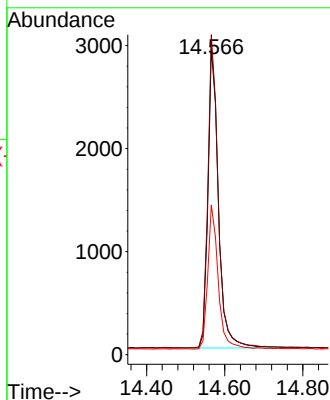
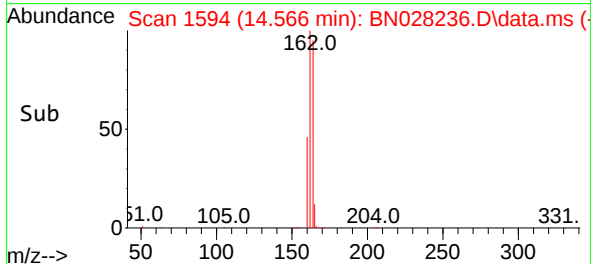
Instrument :
BNA_N
ClientSampleId :
SP-201-20231005



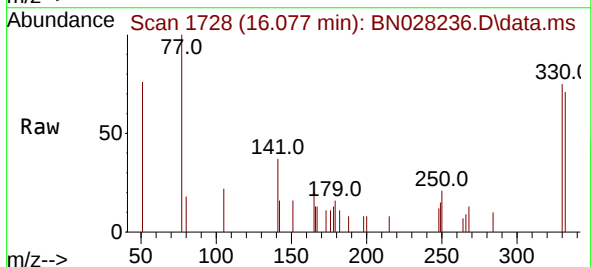
Tgt Ion:164 Resp: 5430
Ion Ratio Lower Upper
164 100
162 104.5 80.8 121.2
160 48.9 36.4 54.6

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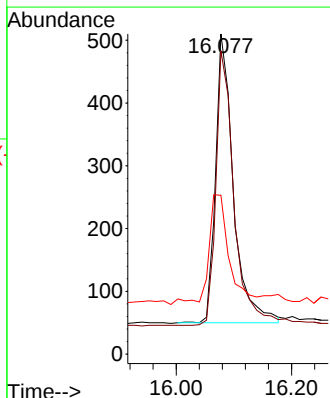
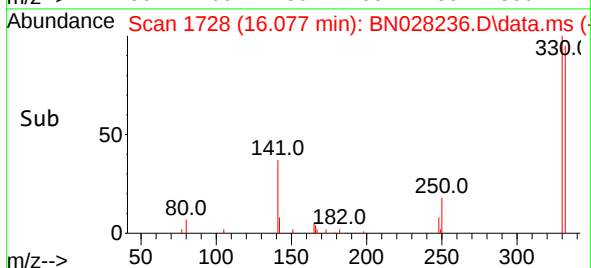
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

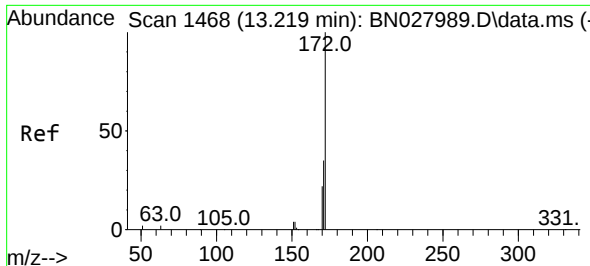


#14
2,4,6-Tribromophenol
Concen: 0.396 ng
RT: 16.077 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13



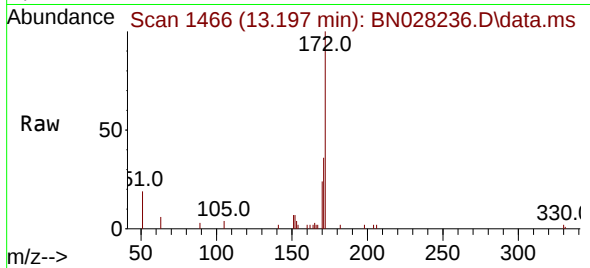
Tgt Ion:330 Resp: 986
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 38.1 33.4 50.2





#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 13.197 min Scan# 1466
Delta R.T. 0.011 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

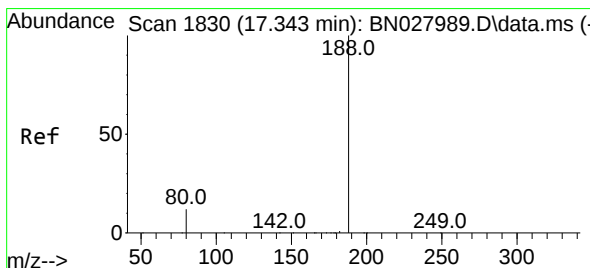
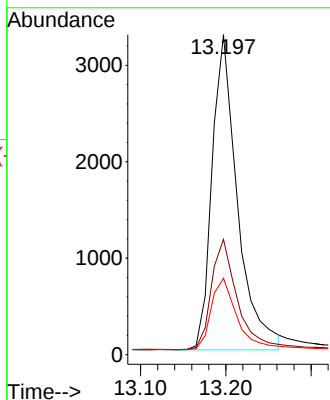
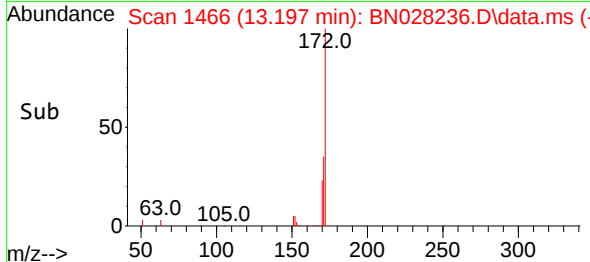
Instrument :
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ClientSampleId :
SP-201-20231005



Tgt Ion:172 Resp: 6760
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.9 18.4 27.6

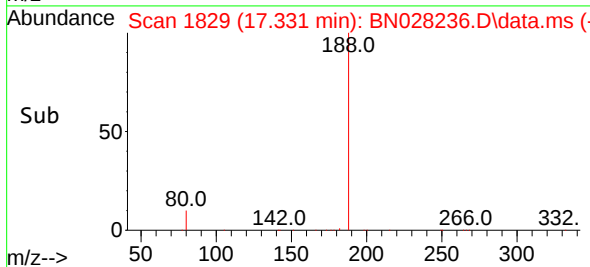
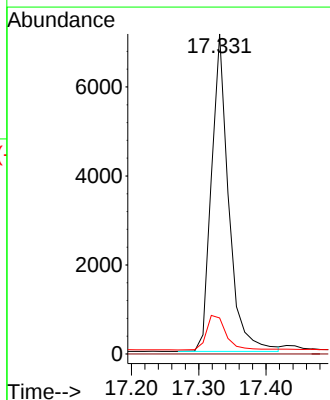
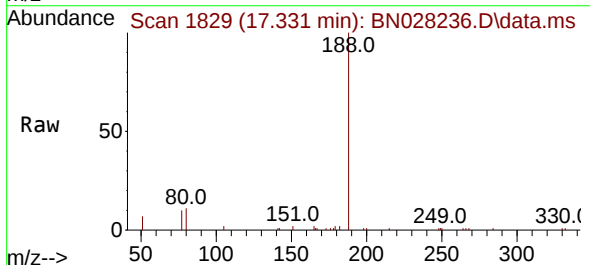
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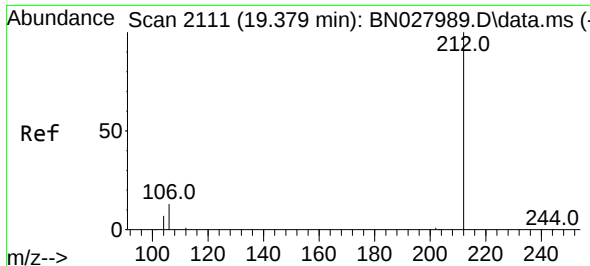
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.331 min Scan# 1829
Delta R.T. 0.012 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

Tgt Ion:188 Resp: 12688
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 10.2 15.4





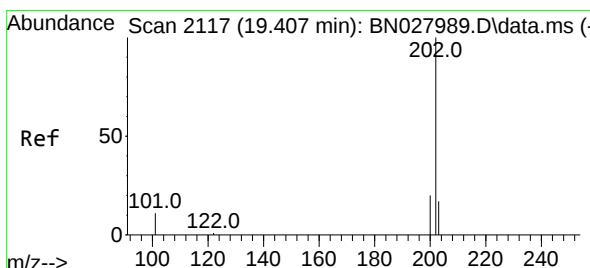
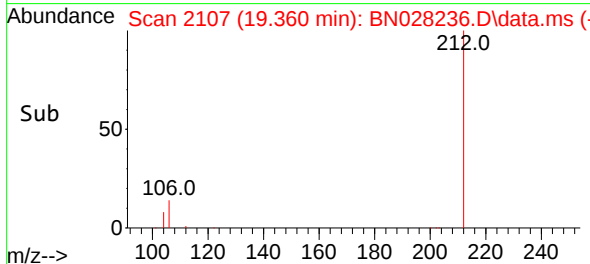
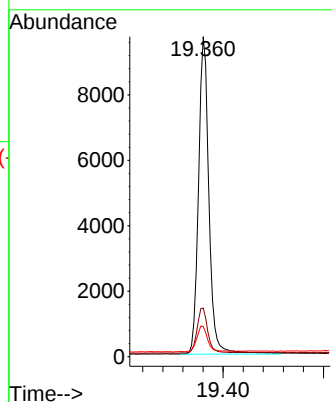
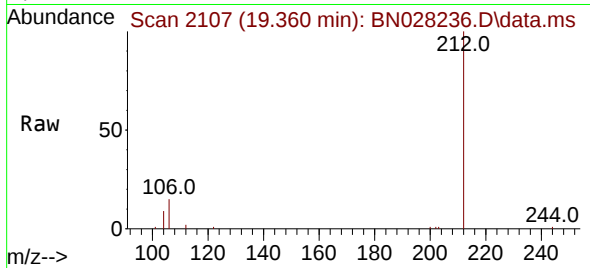
#27
Fluoranthene-d10
Concen: 0.438 ng
RT: 19.360 min Scan# 2111
Delta R.T. 0.005 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

Instrument :
BNA_N
ClientSampleId :
SP-201-20231005

Tgt Ion:212 Resp: 13940
Ion Ratio Lower Upper
212 100
106 14.5 11.3 16.9
104 8.8 6.4 9.6

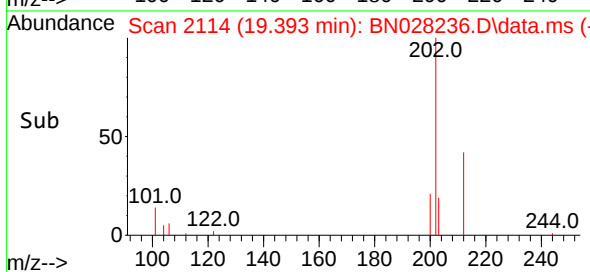
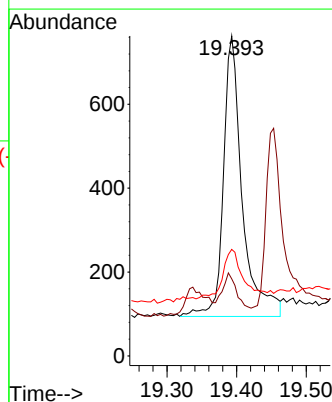
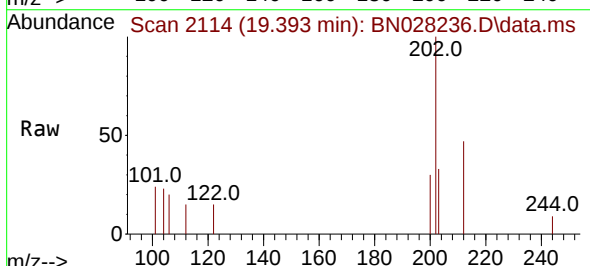
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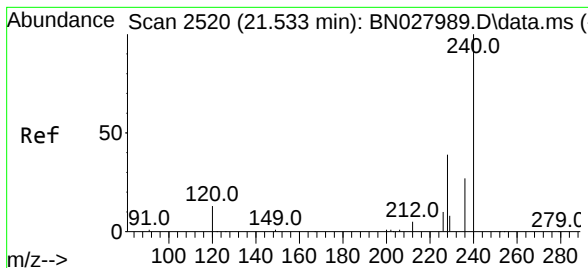
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#28
Fluoranthene
Concen: 0.032 ng
RT: 19.393 min Scan# 2114
Delta R.T. 0.009 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

Tgt Ion:202 Resp: 1261
Ion Ratio Lower Upper
202 100
101 8.8 9.8 14.6#
203 19.3 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.524 min Scan# 2119

Delta R.T. 0.009 min

Lab File: BN028236.D

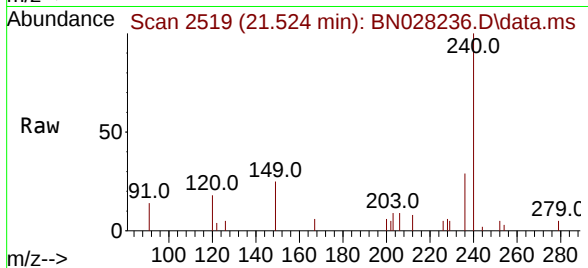
Acq: 11 Oct 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SP-201-20231005

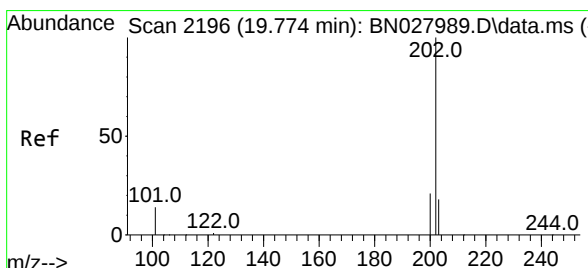
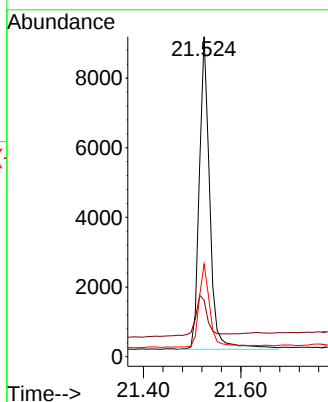
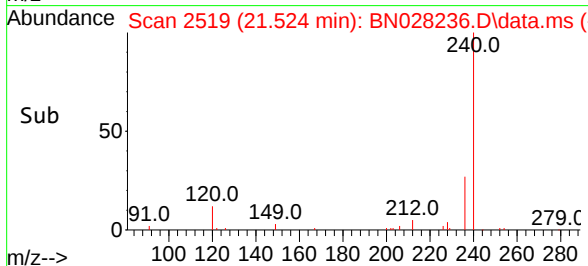


Tgt Ion:	240	Resp:	1335
Ion Ratio	Lower	Upper	
240	100		
120	17.6	13.8	20.6
236	29.0	22.6	33.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#30

Pyrene

Concen: 0.025 ng

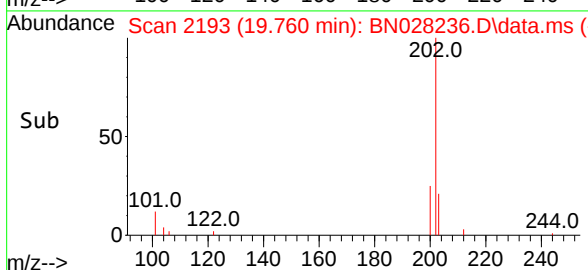
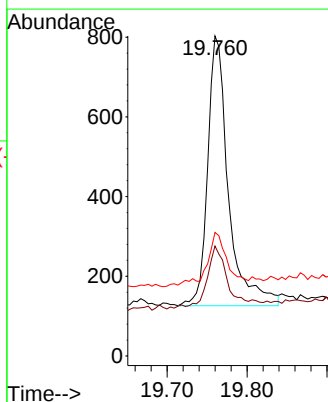
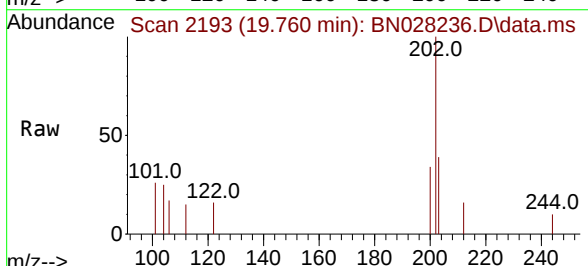
RT: 19.760 min Scan# 2193

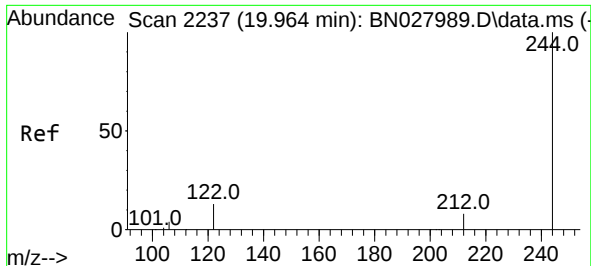
Delta R.T. 0.009 min

Lab File: BN028236.D

Acq: 11 Oct 2023 17:13

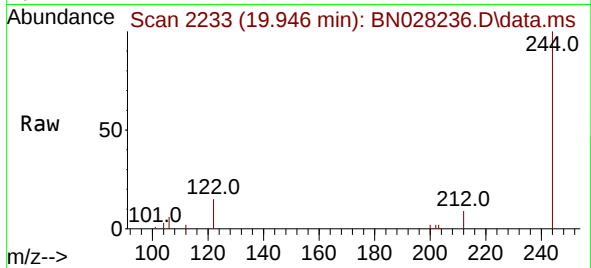
Tgt Ion:	202	Resp:	1223
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.5	24.7
203	20.3	14.7	22.1





#31
 Terphenyl-d14
 Concen: 0.461 ng
 RT: 19.946 min Scan# 2117
 Delta R.T. 0.005 min
 Lab File: BN028236.D
 Acq: 11 Oct 2023 17:13

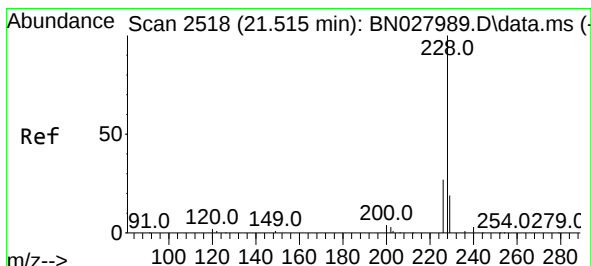
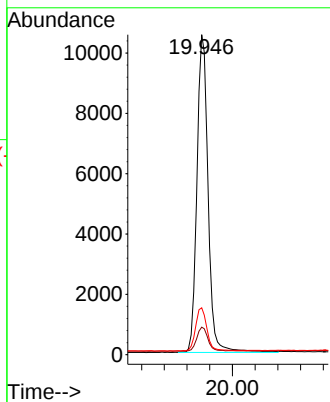
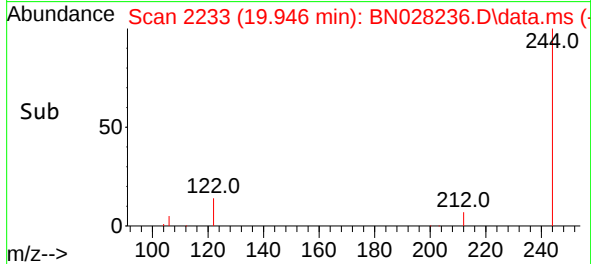
Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231005



Tgt Ion:244 Resp: 14369
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 9.8
 122 14.6 11.4 17.0

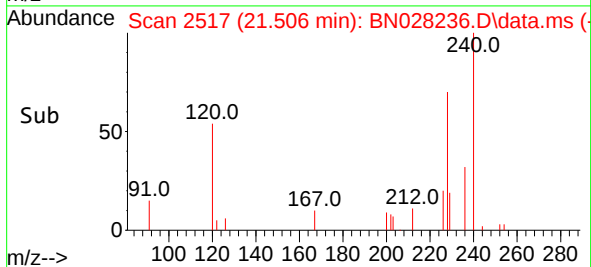
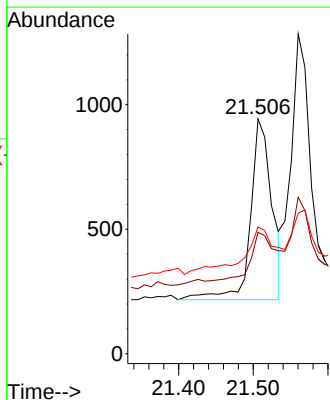
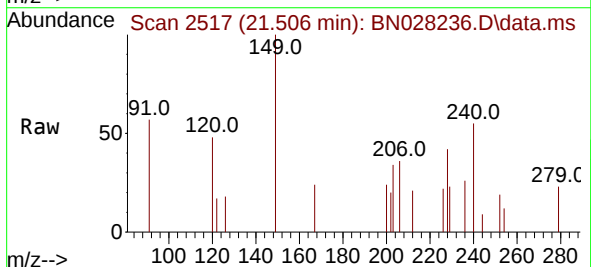
Manual Integrations
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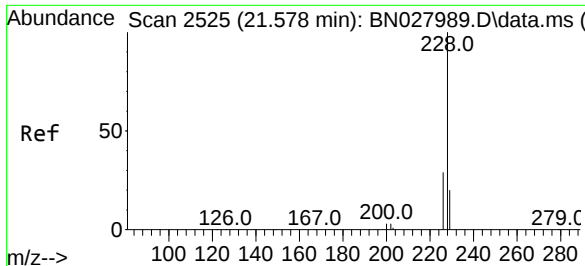
Reviewed By :Yogesh Patel 10/12/2023
 Supervised By :mohammad ahmed 10/13/2023



#32
 Benzo(a)anthracene
 Concen: 0.032 ng
 RT: 21.506 min Scan# 2517
 Delta R.T. 0.009 min
 Lab File: BN028236.D
 Acq: 11 Oct 2023 17:13

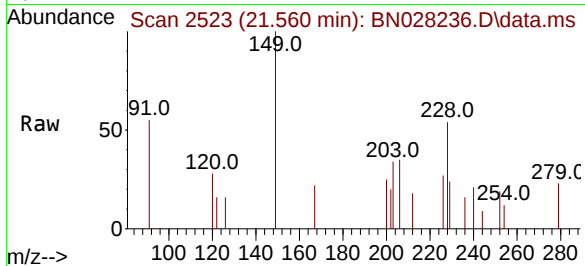
Tgt Ion:228 Resp: 1447
 Ion Ratio Lower Upper
 228 100
 226 51.7 22.0 33.0#
 229 54.0 16.0 24.0#





#33
Chrysene
Concen: 0.040 ng
RT: 21.560 min Scan# 2150
Delta R.T. 0.009 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

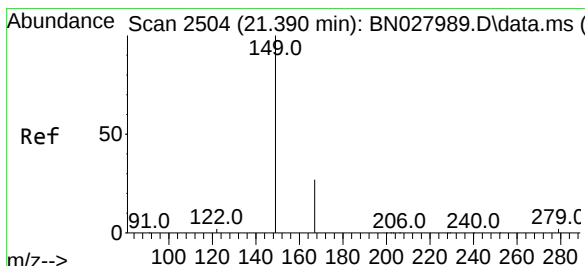
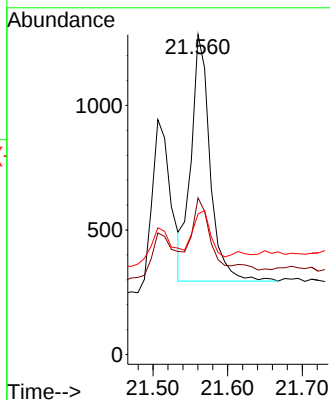
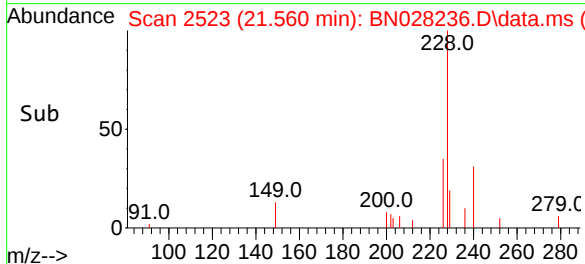
Instrument :
BNA_N
ClientSampleId :
SP-201-20231005



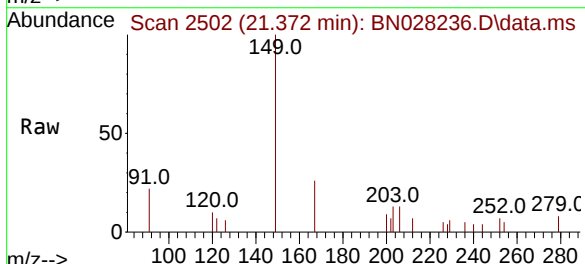
Tgt Ion:228 Resp: 175
Ion Ratio Lower Upper
228 100
226 49.0 23.8 35.8
229 43.9 16.6 25.0

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APPROVED

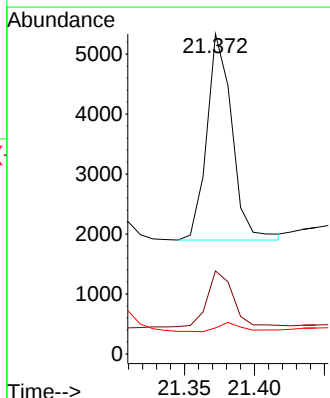
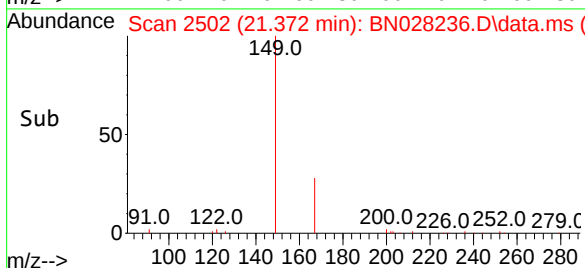
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

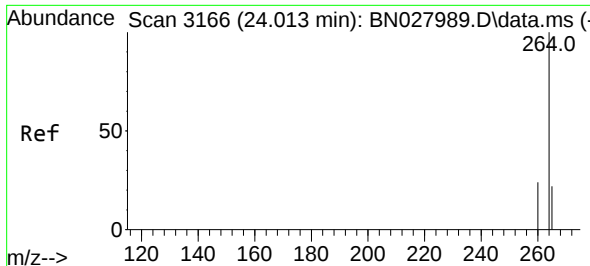


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13



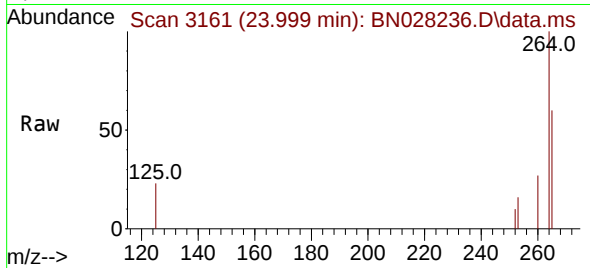
Tgt Ion:149 Resp: 4311
Ion Ratio Lower Upper
149 100
167 32.3 22.1 33.1
279 4.1 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.999 min Scan# 3166
Delta R.T. 0.023 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

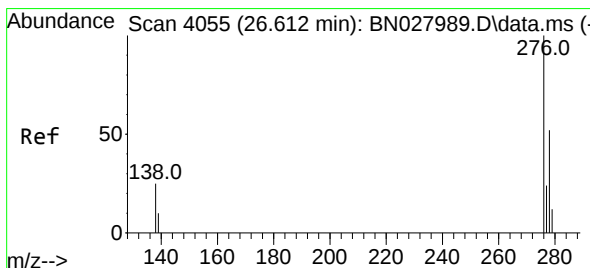
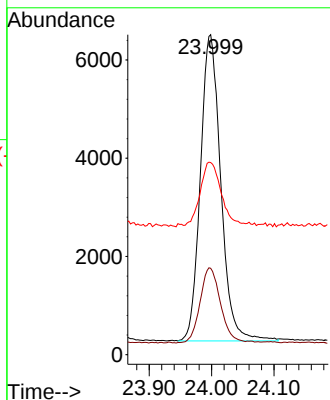
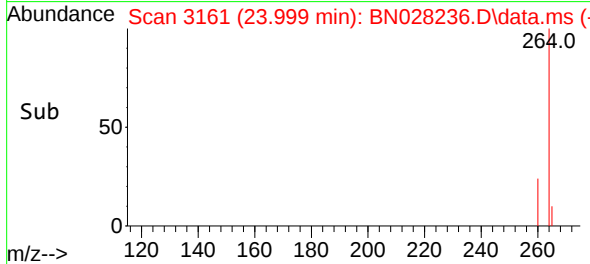
Instrument :
BNA_N
ClientSampleId :
SP-201-20231005



Tgt Ion:264 Resp: 1416
Ion Ratio Lower Upper
264 100
260 27.0 20.2 30.4
265 60.1 54.8 82.2

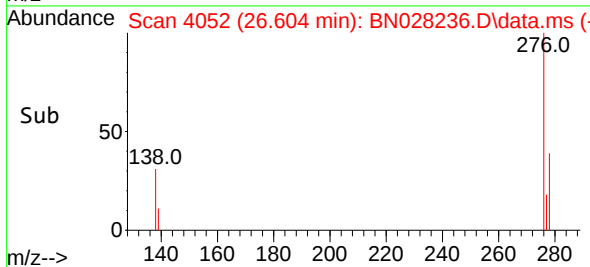
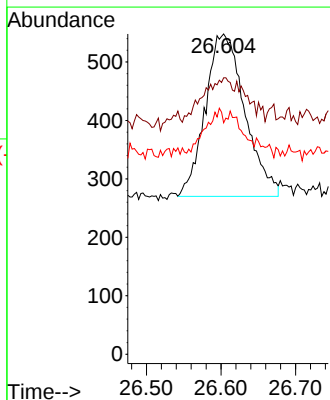
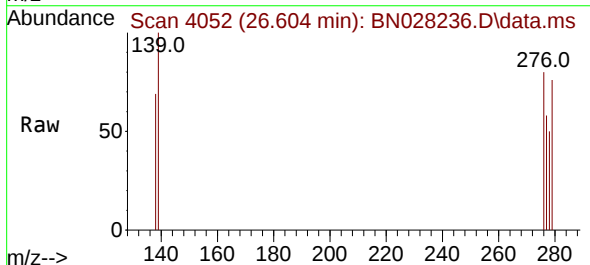
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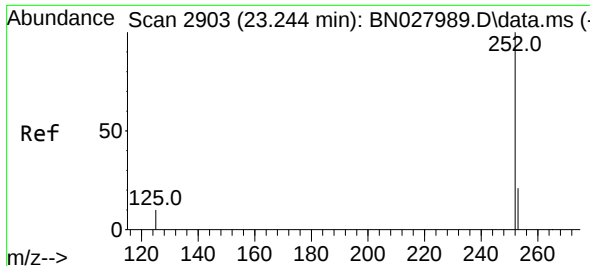
Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 26.604 min Scan# 4052
Delta R.T. 0.047 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

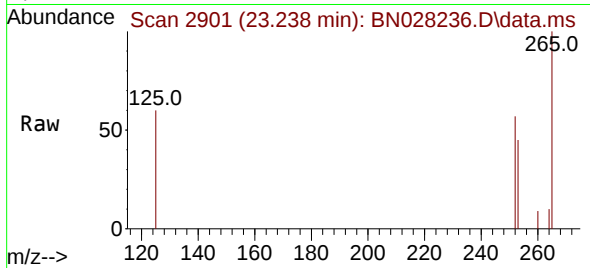
Tgt Ion:276 Resp: 1028
Ion Ratio Lower Upper
276 100
138 20.0 20.9 31.3#
277 12.0 19.8 29.6#





#37
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 23.238 min Scan# 2901
Delta R.T. 0.026 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

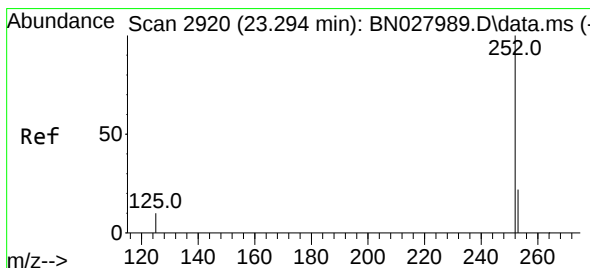
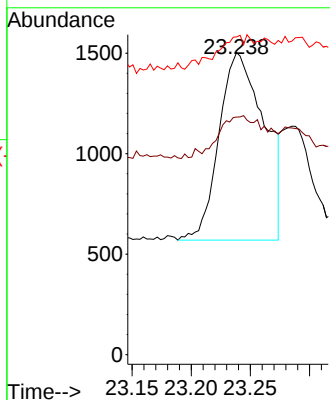
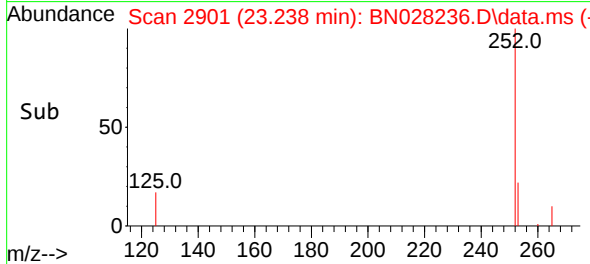
Instrument :
BNA_N
ClientSampleId :
SP-201-20231005



Tgt Ion:252 Resp: 248
Ion Ratio Lower Upper
252 100
253 78.6 22.9 34.3#
125 105.2 13.8 20.8#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023



#38
Benzo(k)fluoranthene
Concen: 0.026 ng m
RT: 23.285 min Scan# 2917
Delta R.T. 0.023 min
Lab File: BN028236.D
Acq: 11 Oct 2023 17:13

Tgt Ion:252 Resp: 1210
Ion Ratio Lower Upper
252 100
253 99.2 23.1 34.7#
125 137.2 13.8 20.8#

