

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033566.D
 Acq On : 22 Aug 2024 23:52
 Operator : MA/JU
 Sample : P3671-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-912-J-SO-0.5-1-081924

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 01:35:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7004	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	17932	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8339	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	15941	0.400	ng	0.00
29) Chrysene-d12	21.139	240	12739	0.400	ng	0.00
35) Perylene-d12	23.303	264	14091	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	2850	0.128	ng	0.00
5) Phenol-d6	6.729	99	3436	0.130	ng	0.00
8) Nitrobenzene-d5	8.681	82	2456	0.165	ng	0.00
11) 2-Methylnaphthalene-d10	11.903	152	3335	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	510	0.114	ng	0.00
15) 2-Fluorobiphenyl	12.799	172	4495	0.132	ng	0.00
27) Fluoranthene-d10	18.970	212	3658	0.095	ng	0.00
31) Terphenyl-d14	19.583	244	2336	0.081	ng	0.00
Target Compounds					Qvalue	
25) Phenanthrene	16.966	178	1553m	0.035	ng	
28) Fluoranthene	19.003	202	3312	0.068	ng	96
30) Pyrene	19.365	202	3002	0.053	ng	# 94
32) Benzo(a)anthracene	21.121	228	1564	0.034	ng	# 86
33) Chrysene	21.175	228	1927	0.042	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.085	149	1704m	0.058	ng	
36) Indeno(1,2,3-cd)pyrene	25.449	276	1204	0.021	ng	97
37) Benzo(b)fluoranthene	22.660	252	2721	0.052	ng	# 21
39) Benzo(a)pyrene	23.206	252	1561	0.036	ng	# 1
41) Benzo(g,h,i)perylene	26.104	276	1201	0.024	ng	# 51

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

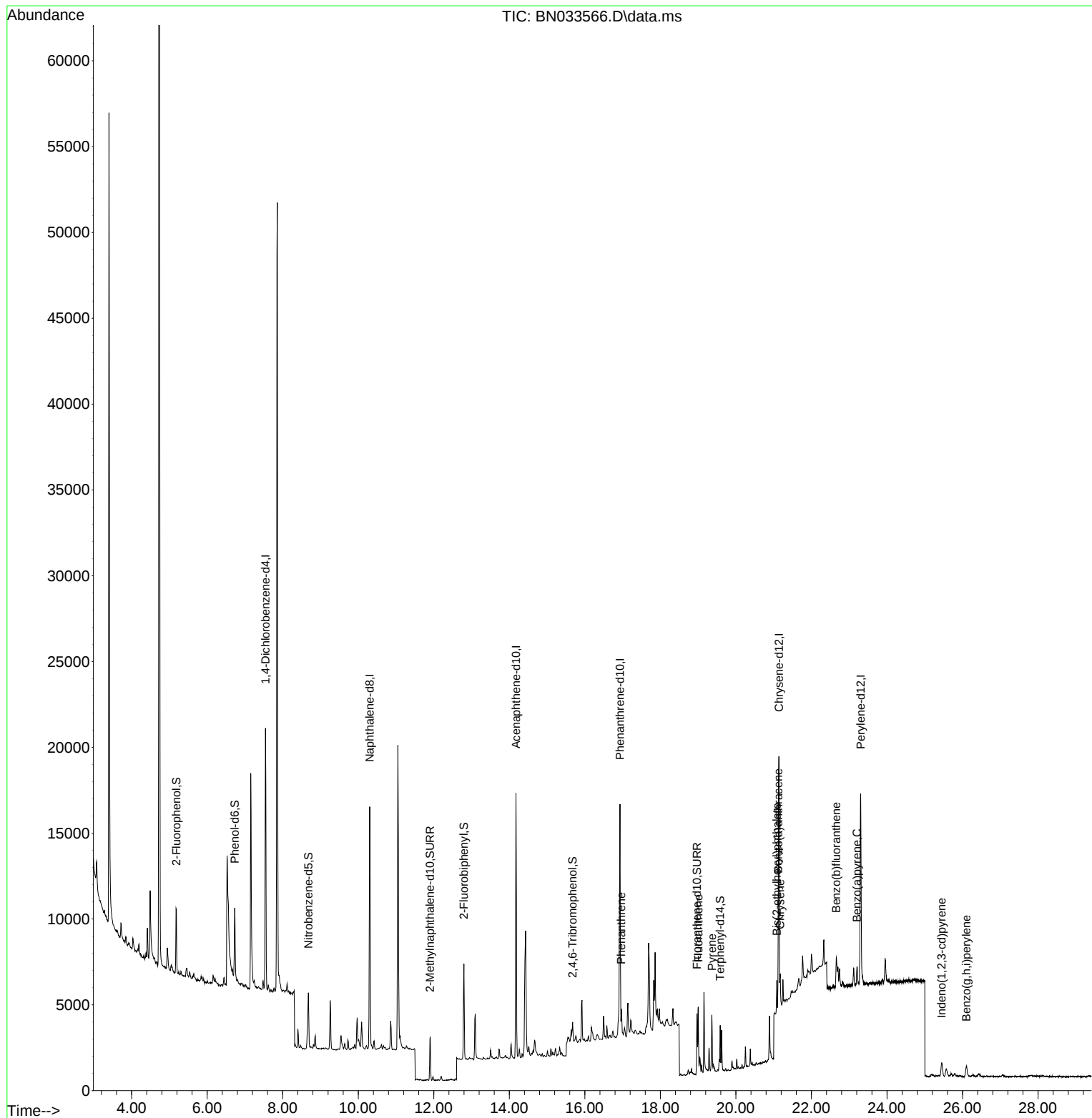
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033566.D
Acq On : 22 Aug 2024 23:52
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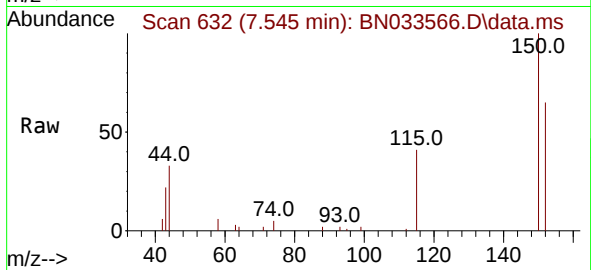
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.545 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

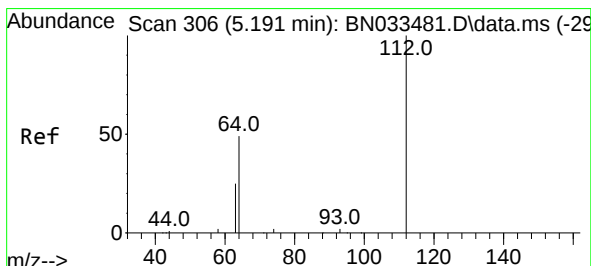
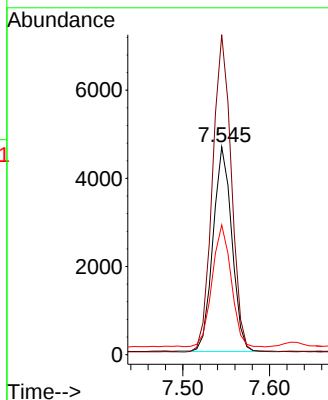
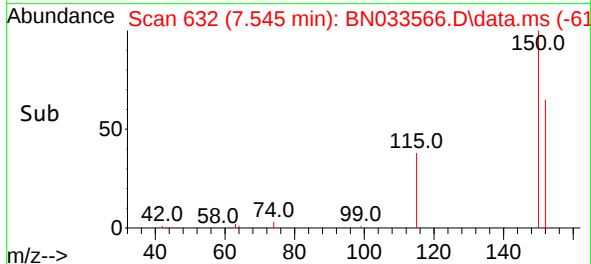
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion:152 Resp: 7004
Ion Ratio Lower Upper
152 100
150 154.0 122.2 183.2
115 62.5 47.2 70.8

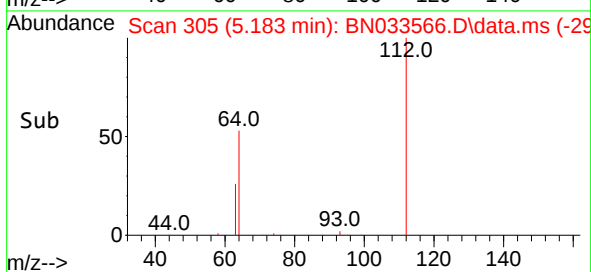
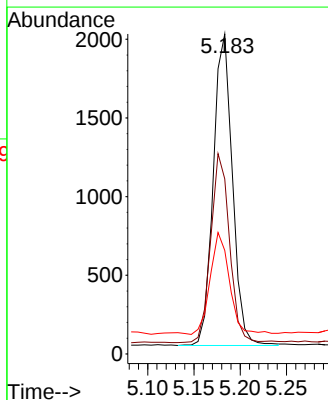
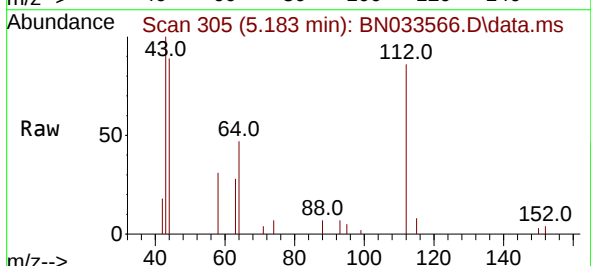
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Supervised By :mohammad ahmed 08/24/2024



#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.183 min Scan# 305
Delta R.T. 0.007 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

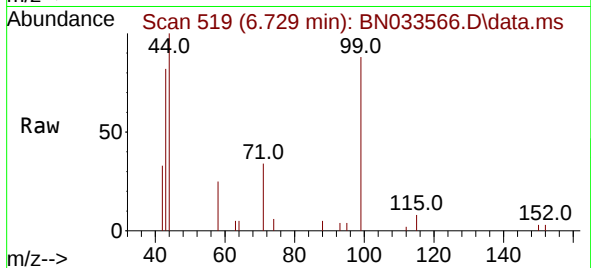
Tgt Ion:112 Resp: 2850
Ion Ratio Lower Upper
112 100
64 59.5 47.1 70.7
63 33.1 24.9 37.3





#5
Phenol-d6
Concen: 0.130 ng
RT: 6.729 min Scan# 519
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

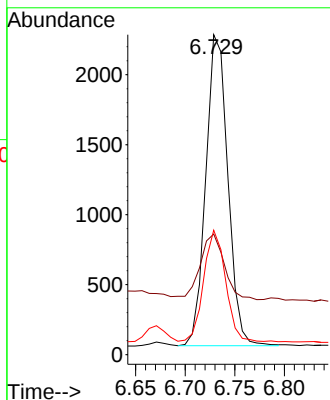
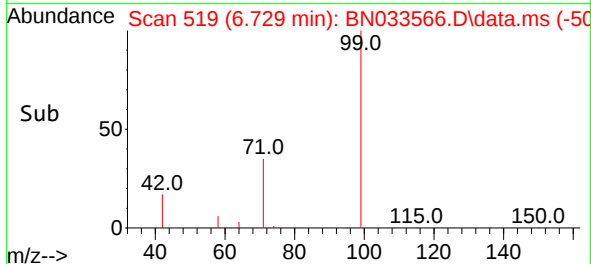
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



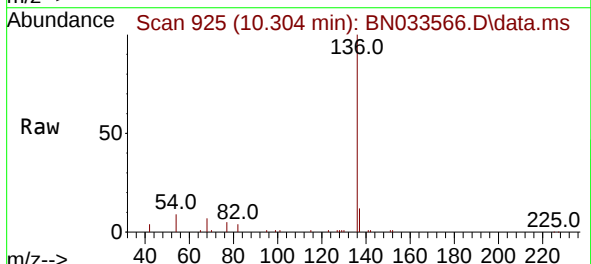
Tgt Ion: 99 Resp: 3430
Ion Ratio Lower Upper
99 100
42 23.0 16.6 24.8
71 35.7 26.2 39.4

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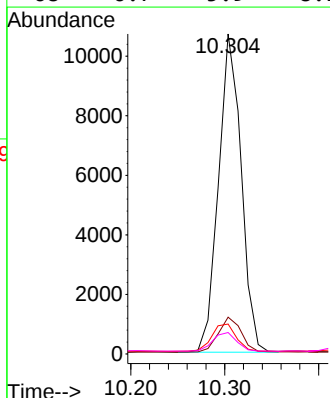
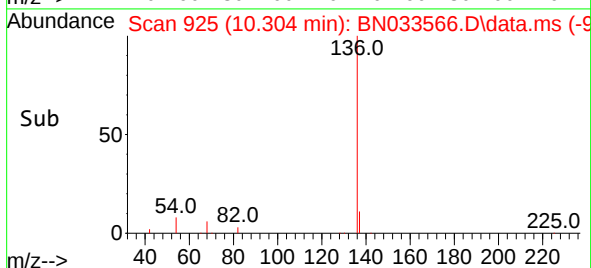
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52



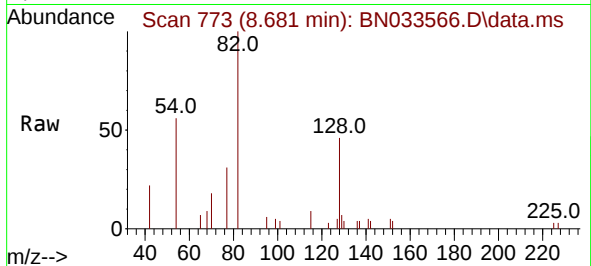
Tgt Ion:136 Resp: 17932
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 9.3 8.3 12.5
68 6.7 5.9 8.9





#8
Nitrobenzene-d5
Concen: 0.165 ng
RT: 8.681 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

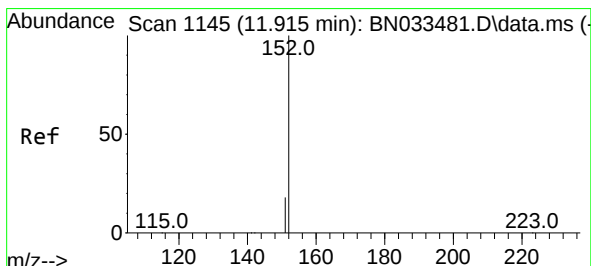
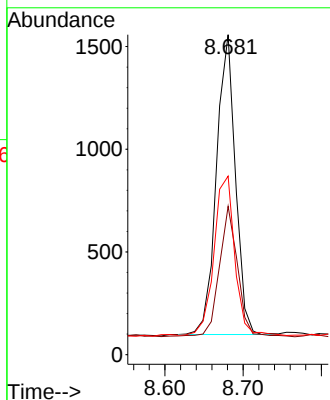
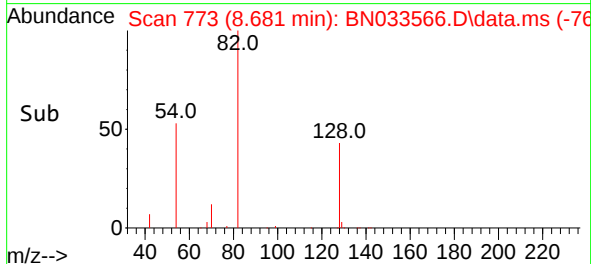
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion: 82 Resp: 2450
Ion Ratio Lower Upper
82 100
128 46.3 36.0 54.0
54 55.8 42.0 63.0

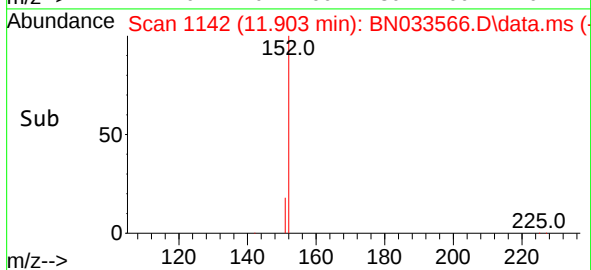
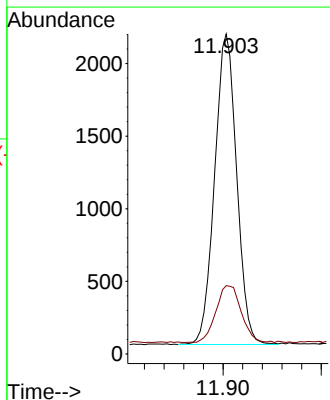
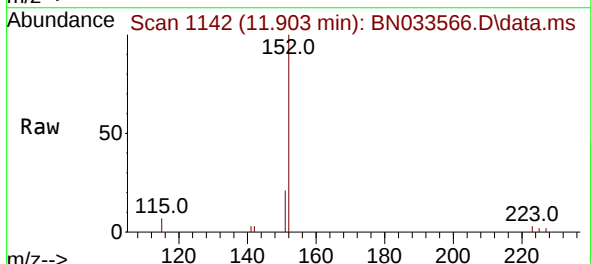
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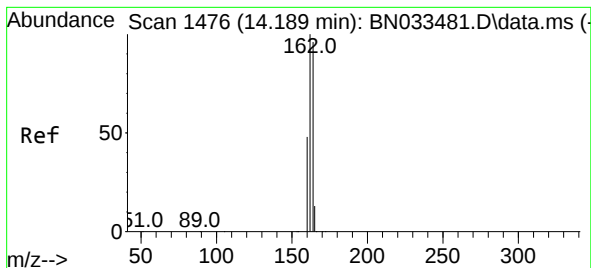
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:152 Resp: 3335
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.178 min Scan# 1475

Delta R.T. -0.000 min

Lab File: BN033566.D

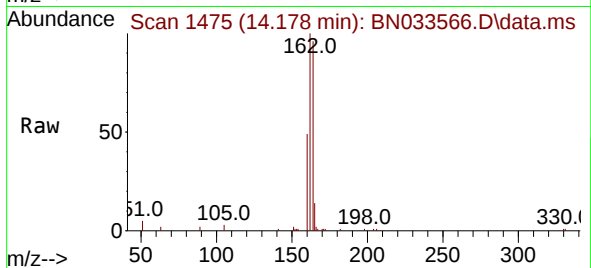
Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924



Tgt Ion:164 Resp: 8339

Ion Ratio Lower Upper

164 100

162 103.7 83.5 125.3

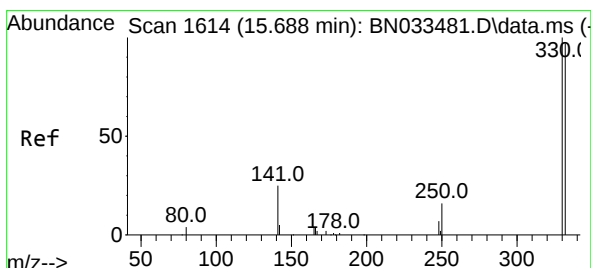
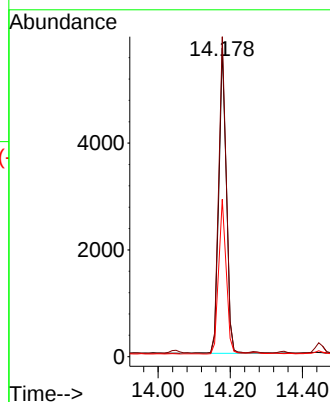
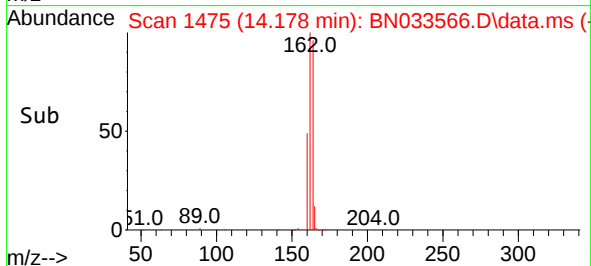
160 51.0 40.2 60.4

Manual Integrations

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Supervised By :mohammad ahmed 08/24/2024



#14

2,4,6-Tribromophenol

Concen: 0.114 ng

RT: 15.676 min Scan# 1613

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

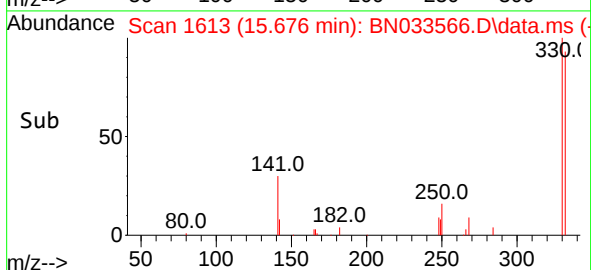
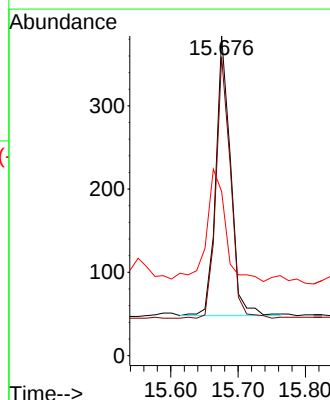
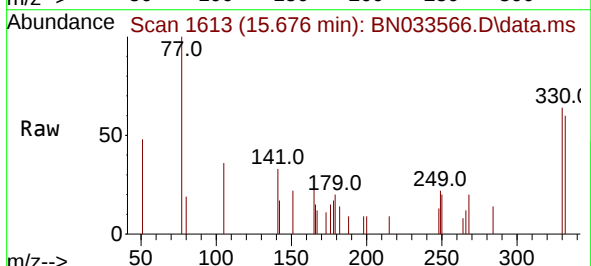
Tgt Ion:330 Resp: 510

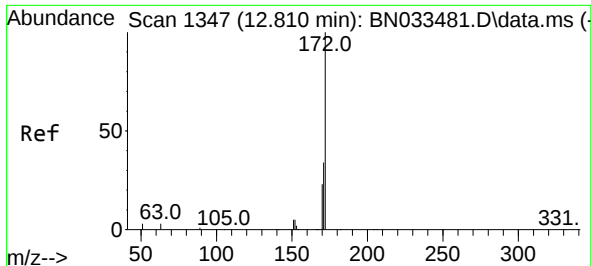
Ion Ratio Lower Upper

330 100

332 92.4 77.5 116.3

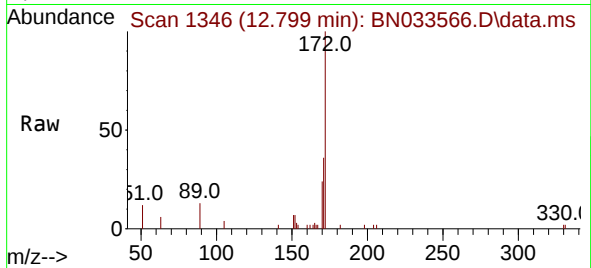
141 52.2 33.9 50.9#





#15
2-Fluorobiphenyl
Concen: 0.132 ng
RT: 12.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

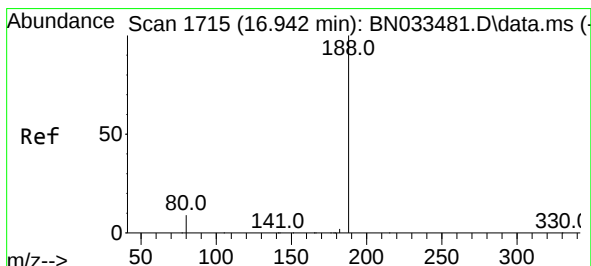
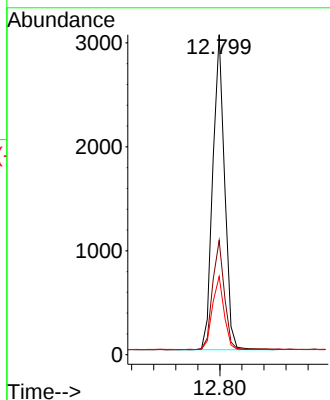
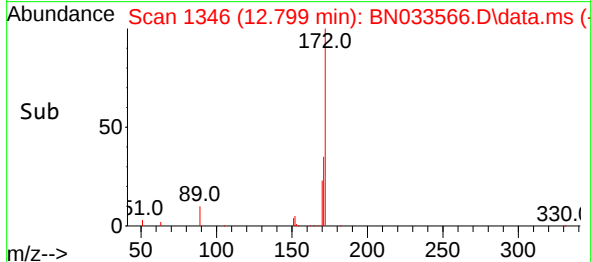
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion:172 Resp: 449
Ion Ratio Lower Upper
172 100
171 35.7 27.7 41.5
170 24.5 18.3 27.5

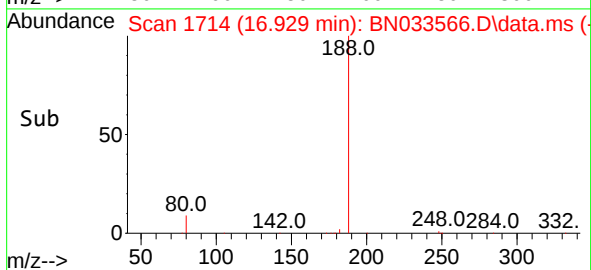
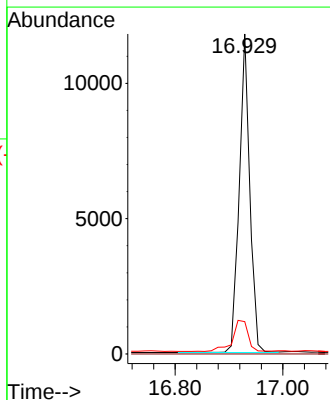
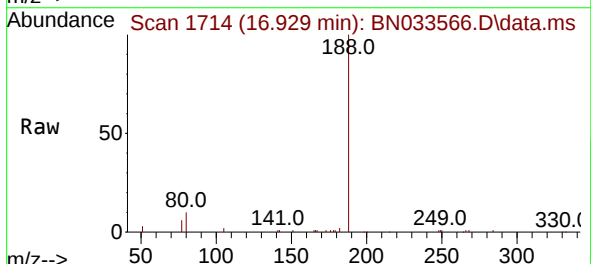
Manual Integrations
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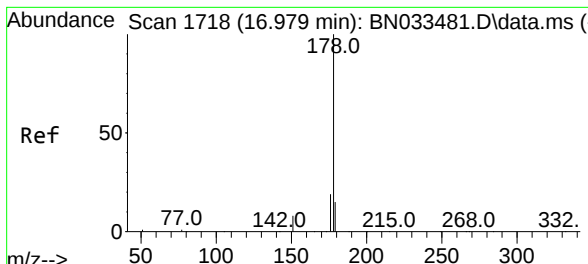
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

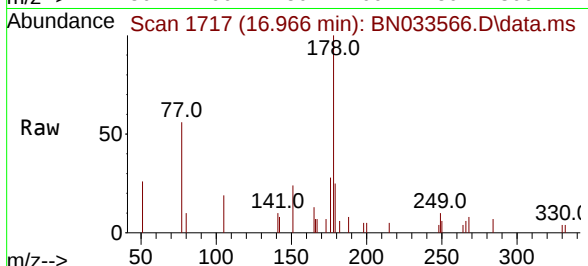
Tgt Ion:188 Resp: 15941
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 7.8 11.8





#25
 Phenanthrene
 Concen: 0.035 ng m
 RT: 16.966 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN033566.D
 Acq: 22 Aug 2024 23:52

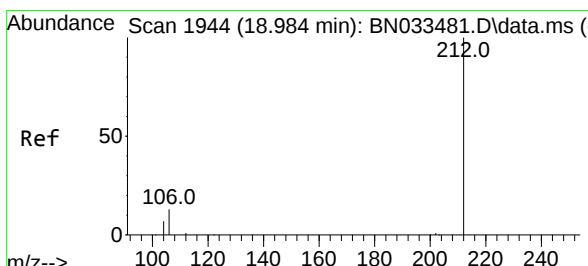
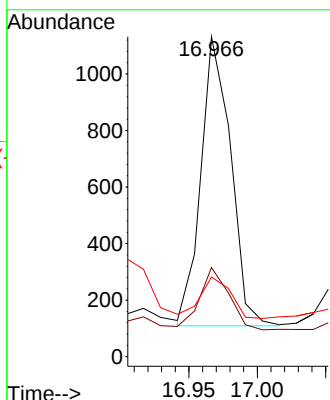
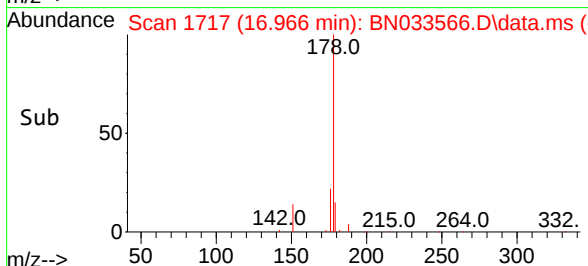
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Tgt Ion:	178	Resp:	155
Ion Ratio	Lower	Upper	
178	100		
176	20.9	15.3	22.9
179	14.4	12.3	18.5

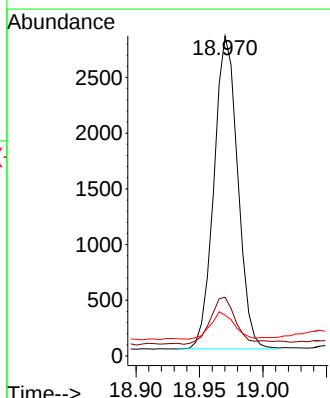
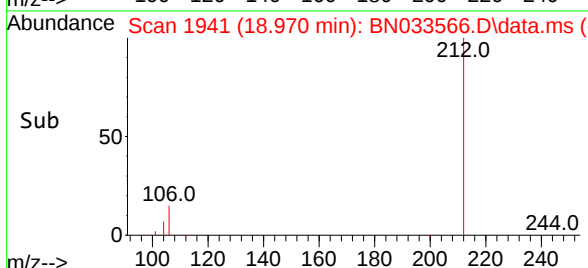
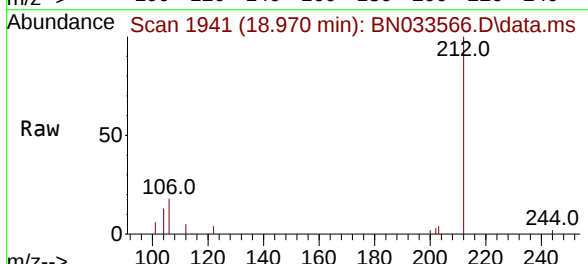
Manual Integrations
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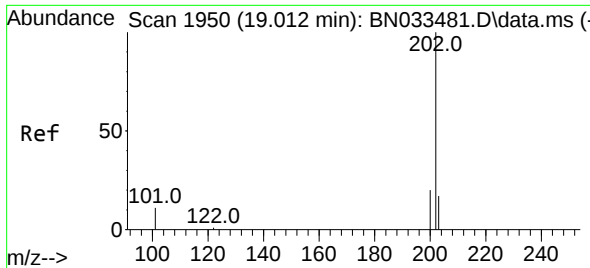
Reviewed By :Yogesh Patel 08/23/2024
 Supervised By :mohammad ahmed 08/24/2024



#27
 Fluoranthene-d10
 Concen: 0.095 ng
 RT: 18.970 min Scan# 1941
 Delta R.T. -0.000 min
 Lab File: BN033566.D
 Acq: 22 Aug 2024 23:52

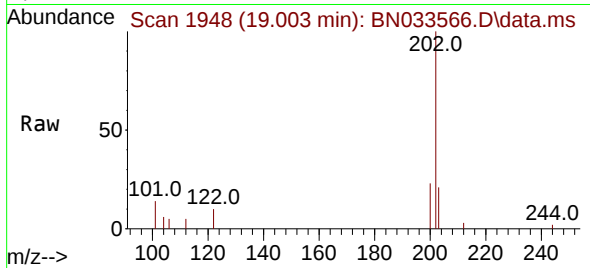
Tgt Ion:	212	Resp:	3658
Ion Ratio	Lower	Upper	
212	100		
106	16.9	12.3	18.5
104	8.5	7.0	10.4





#28
Fluoranthene
Concen: 0.068 ng
RT: 19.003 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

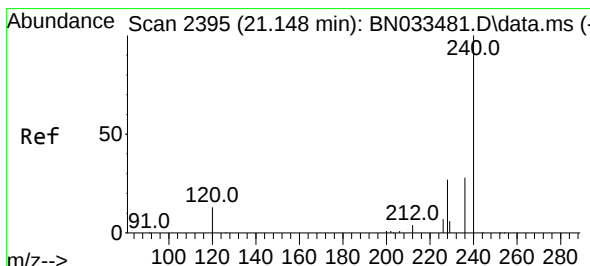
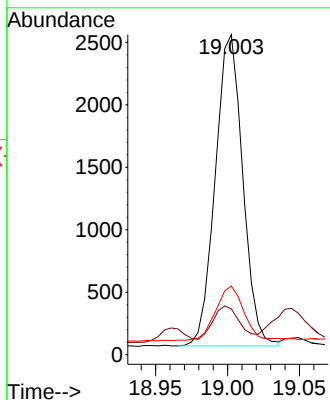
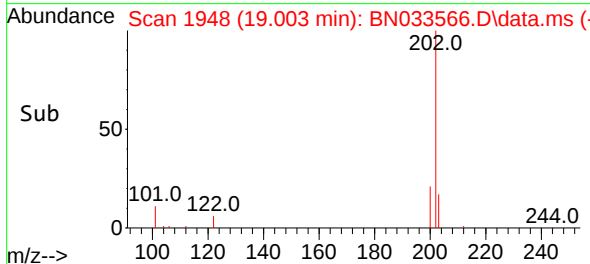
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion:202 Resp: 331
Ion Ratio Lower Upper
202 100
101 11.0 9.5 14.3
203 19.2 13.8 20.6

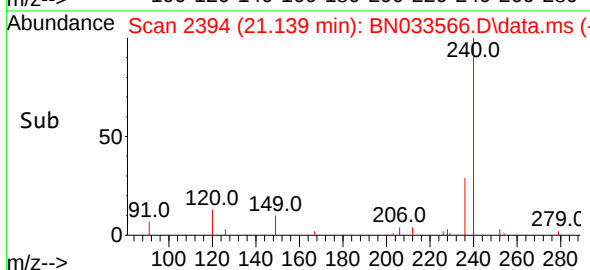
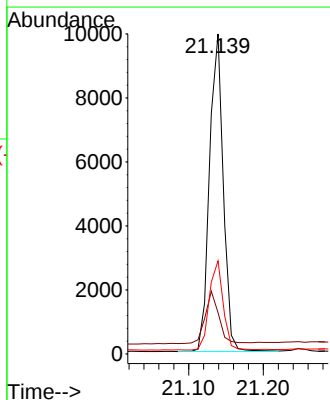
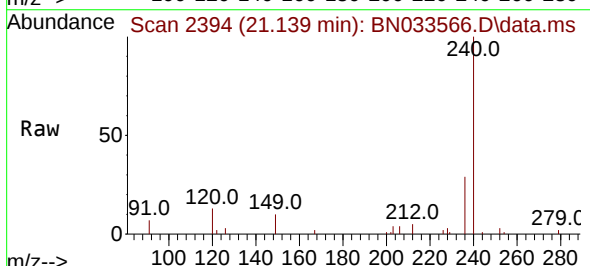
Manual Integrations
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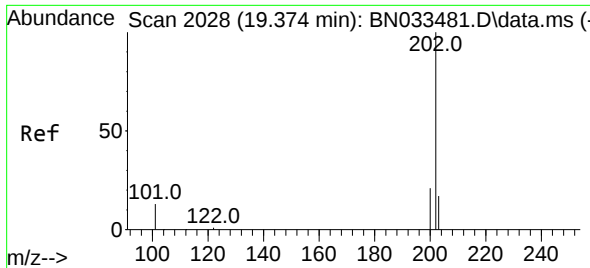
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 2394
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

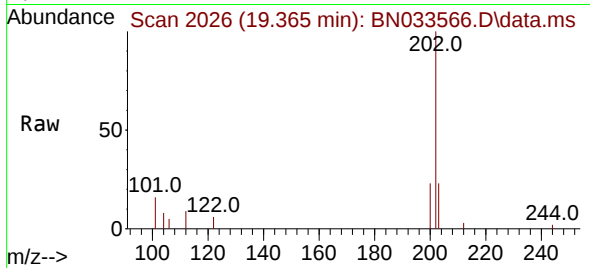
Tgt Ion:240 Resp: 12739
Ion Ratio Lower Upper
240 100
120 12.9 12.4 18.6
236 29.1 23.0 34.6





#30
Pyrene
Concen: 0.053 ng
RT: 19.365 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

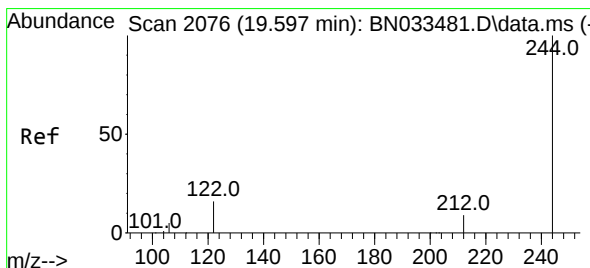
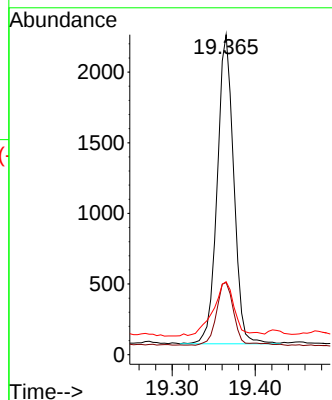
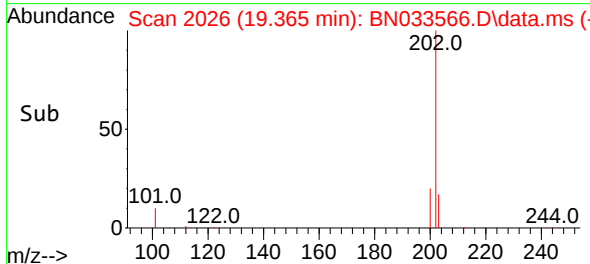
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion:202 Resp: 3002
Ion Ratio Lower Upper
202 100
200 20.6 16.6 24.8
203 23.2 14.2 21.4

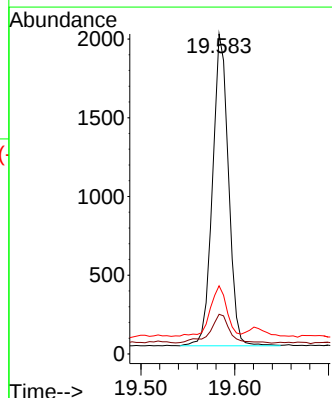
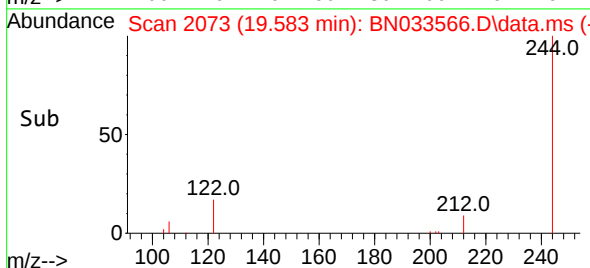
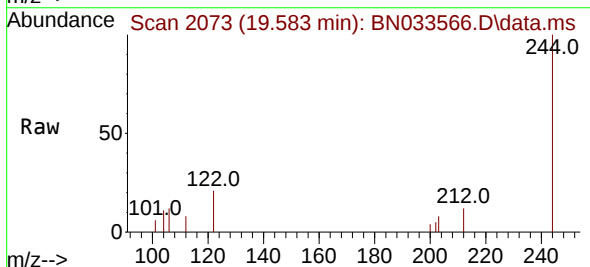
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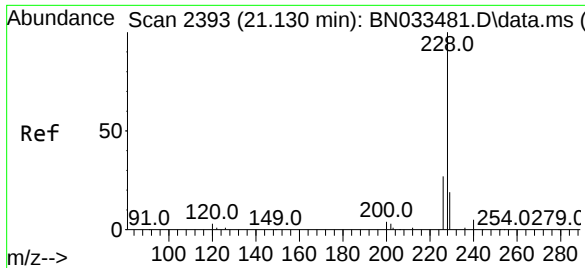
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#31
Terphenyl-d14
Concen: 0.081 ng
RT: 19.583 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

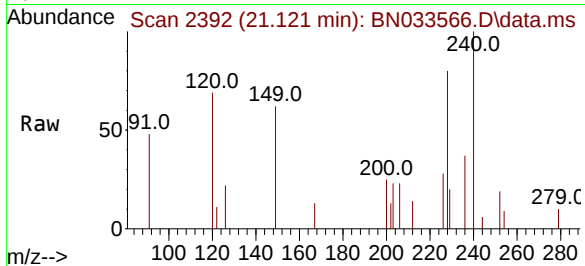
Tgt Ion:244 Resp: 2336
Ion Ratio Lower Upper
244 100
212 12.4 7.8 11.6#
122 21.3 13.3 19.9#





#32
Benzo(a)anthracene
Concen: 0.034 ng
RT: 21.121 min Scan# 21121
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

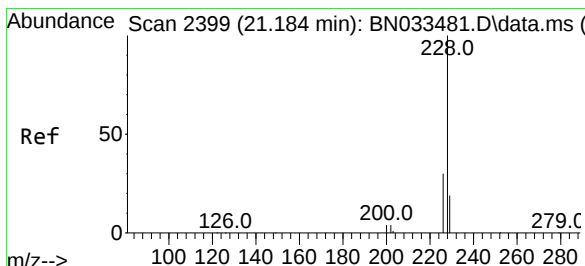
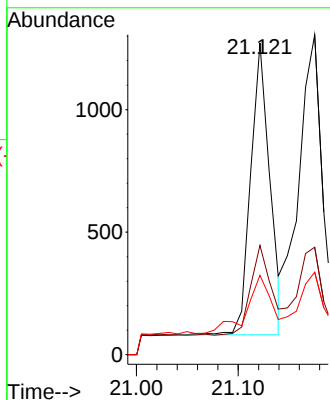
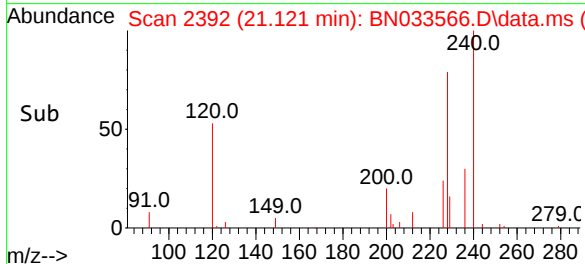
Instrument : BNA_N
ClientSampleId : S-912-J-SO-0.5-1-081924



Tgt Ion:228 Resp: 1564
Ion Ratio Lower Upper
228 100
226 35.1 21.8 32.6
229 25.5 15.8 23.6

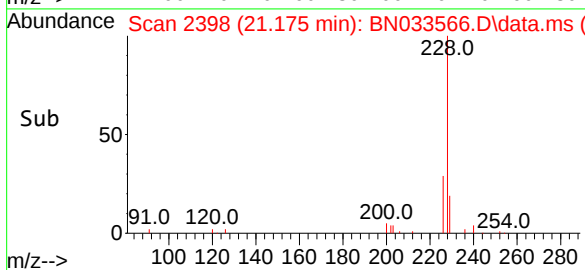
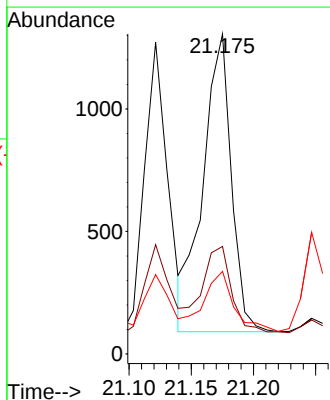
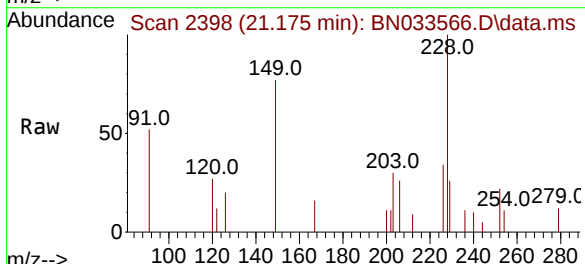
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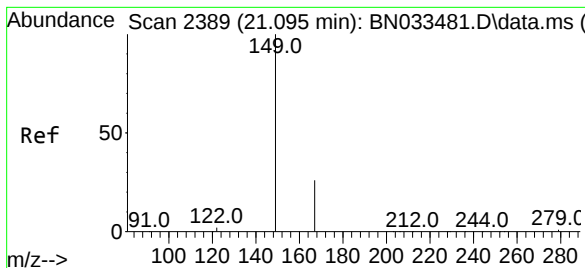
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#33
Chrysene
Concen: 0.042 ng
RT: 21.175 min Scan# 2398
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:228 Resp: 1927
Ion Ratio Lower Upper
228 100
226 33.6 23.8 35.8
229 25.8 15.6 23.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng m

RT: 21.085 min Scan# 2104

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924

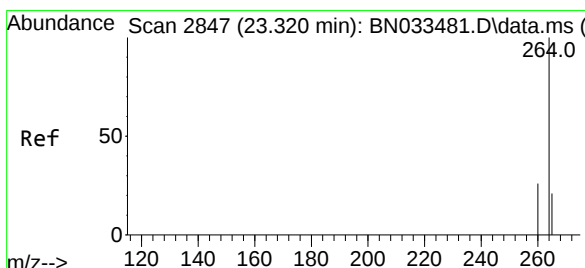
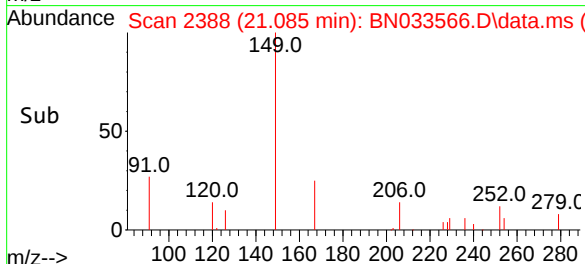
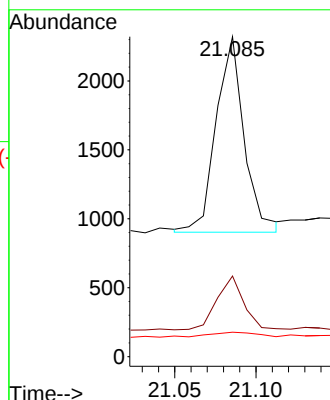
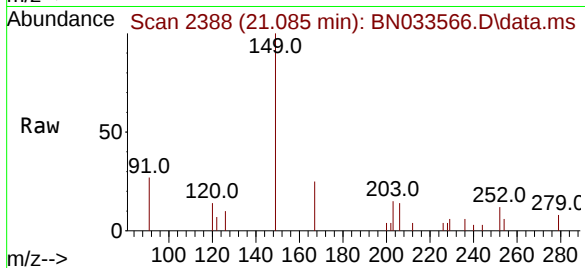
Tgt Ion:	149	Resp:	1704
Ion	Ratio	Lower	Upper
149	100		
167	108.2	21.5	32.3
279	60.2	2.2	3.2

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024



#35

Perylene-d12

Concen: 0.400 ng

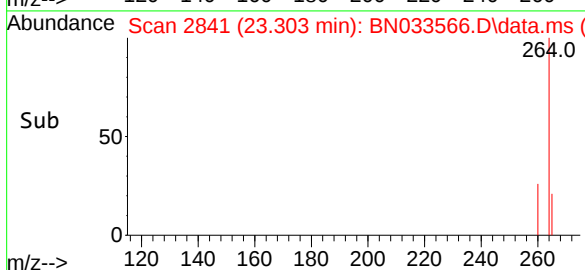
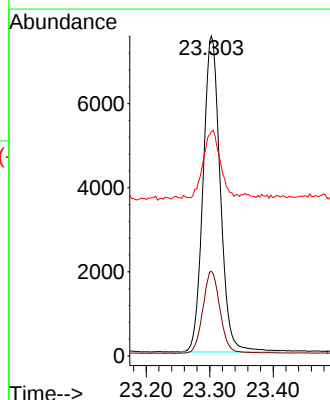
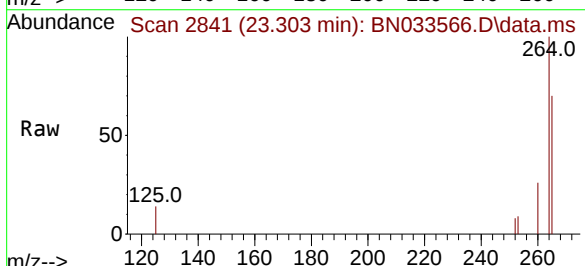
RT: 23.303 min Scan# 2841

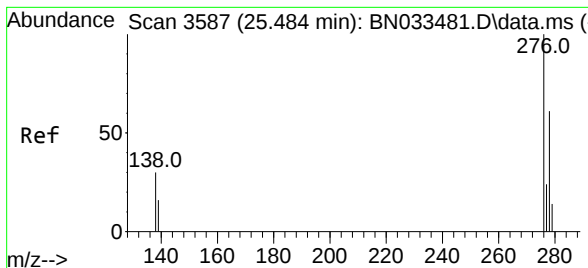
Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

Tgt Ion:	264	Resp:	14091
Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.8	31.2
265	70.1	52.2	78.2





#36

Indeno(1,2,3-cd)pyrene

Concen: 0.021 ng

RT: 25.449 min Scan# 3575

Delta R.T. -0.000 min

Lab File: BN033566.D

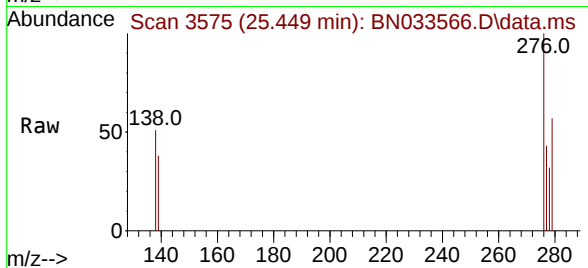
Acq: 22 Aug 2024 23:52

Instrument :

BNA_N

ClientSampleId :

S-912-J-SO-0.5-1-081924



Tgt Ion:276 Resp: 1204

Ion Ratio Lower Upper

276 100

138 28.7 24.4 36.6

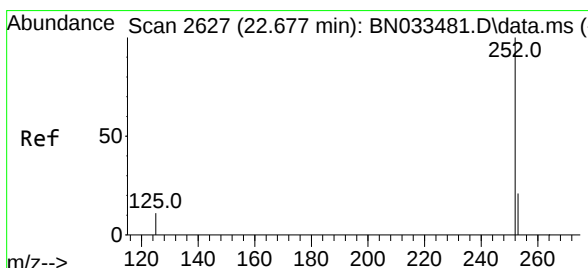
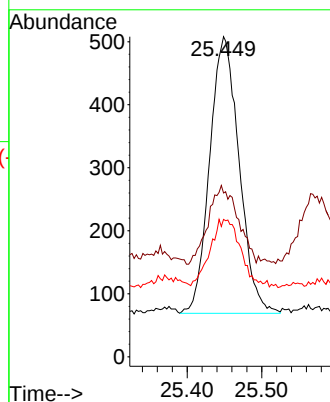
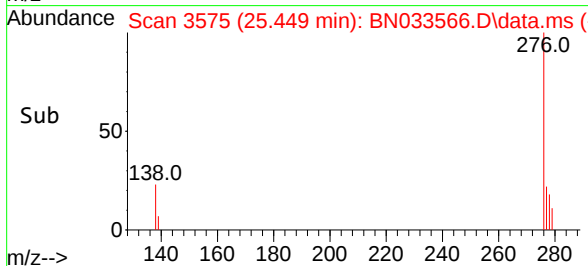
277 25.9 19.8 29.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/23/2024

Supervised By :mohammad ahmed 08/24/2024



#37

Benzo(b)fluoranthene

Concen: 0.052 ng

RT: 22.660 min Scan# 2621

Delta R.T. -0.000 min

Lab File: BN033566.D

Acq: 22 Aug 2024 23:52

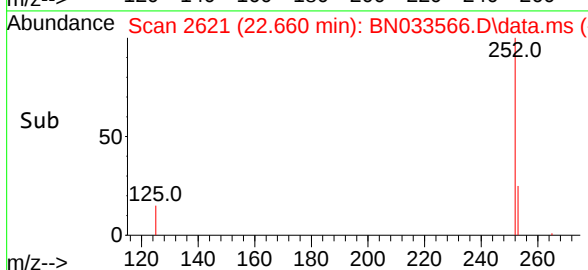
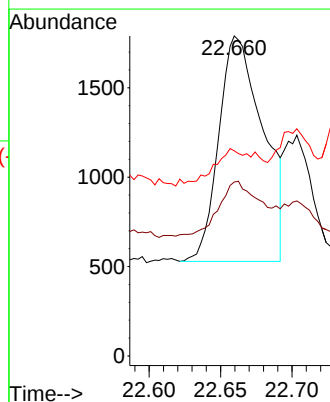
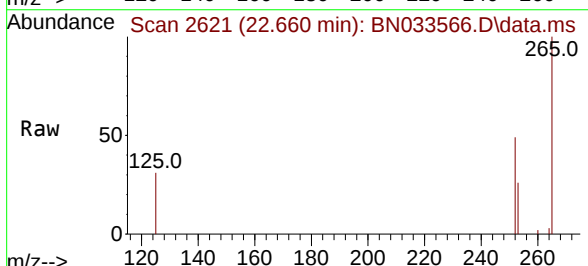
Tgt Ion:252 Resp: 2721

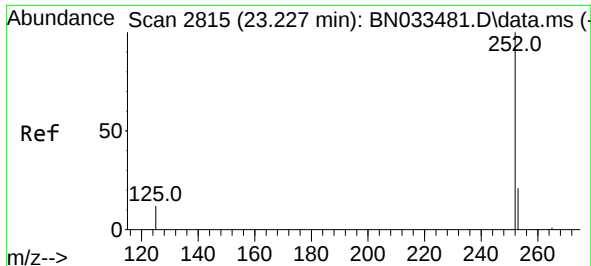
Ion Ratio Lower Upper

252 100

253 54.4 19.8 29.8#

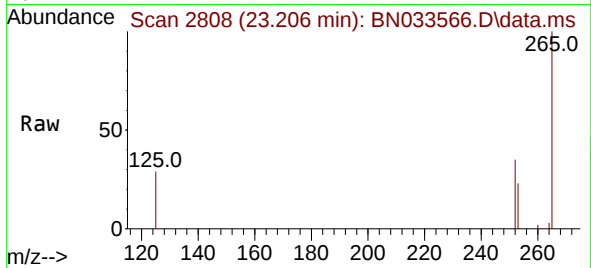
125 64.1 13.9 20.9#





#39
Benzo(a)pyrene
Concen: 0.036 ng
RT: 23.206 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

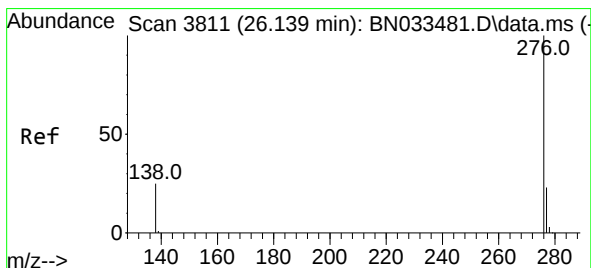
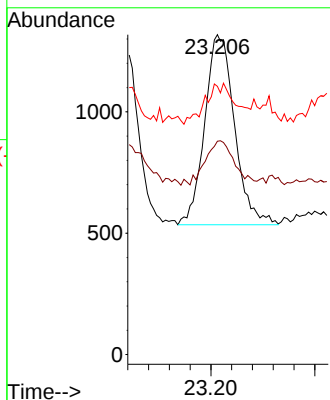
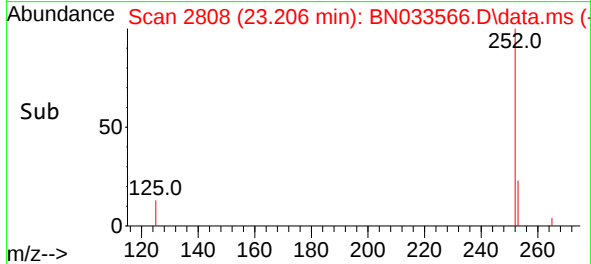
Instrument :
BNA_N
ClientSampleId :
S-912-J-SO-0.5-1-081924



Tgt Ion:252 Resp: 156
Ion Ratio Lower Upper
252 100
253 66.7 21.5 32.3#
125 83.8 17.0 25.4#

Manual Integrations
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Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024



#41
Benzo(g,h,i)perylene
Concen: 0.024 ng
RT: 26.104 min Scan# 3799
Delta R.T. -0.000 min
Lab File: BN033566.D
Acq: 22 Aug 2024 23:52

Tgt Ion:276 Resp: 1201
Ion Ratio Lower Upper
276 100
277 43.7 19.7 29.5#
138 57.9 21.8 32.6#

