

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
 Data File : BN035516.D
 Acq On : 09 Dec 2024 20:43
 Operator : RC/JU
 Sample : P5164-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB-20241206

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/11/2024
 Supervised By :mohammad ahmed 12/11/2024

Quant Time: Dec 10 01:27:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 23:03:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.301	152	1690	0.400	ng	0.00
7) Naphthalene-d8	10.041	136	4712	0.400	ng	-0.01
13) Acenaphthene-d10	13.957	164	3572	0.400	ng	-0.01
19) Phenanthrene-d10	16.723	188	8431	0.400	ng	#-0.01
29) Chrysene-d12	20.965	240	7106	0.400	ng	0.00
35) Perylene-d12	23.062	264	6618	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.953	112	643	0.152	ng	-0.01
5) Phenol-d6	6.506	99	490	0.096	ng	0.00
8) Nitrobenzene-d5	8.429	82	1282m	0.445	ng	-0.01
11) 2-Methylnaphthalene-d10	11.646	152	2985	0.405	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	642	0.253	ng	0.00
15) 2-Fluorobiphenyl	12.564	172	5951	0.441	ng	0.00
27) Fluoranthene-d10	18.775	212	10625	0.445	ng	0.00
31) Terphenyl-d14	19.403	244	9767	0.697	ng	0.00
Target Compounds						Qvalue
21) 4-Bromophenyl-phenylether	15.929	248	135	0.027	ng	# 78
24) Pentachlorophenol	16.388	266	160	0.064	ng	95
25) Phenanthrene	16.761	178	619	0.027	ng	99
28) Fluoranthene	18.808	202	879	0.028	ng	97
30) Pyrene	19.175	202	751	0.029	ng	99
34) Bis(2-ethylhexyl)phtha...	20.920	149	772	0.079	ng	# 97

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

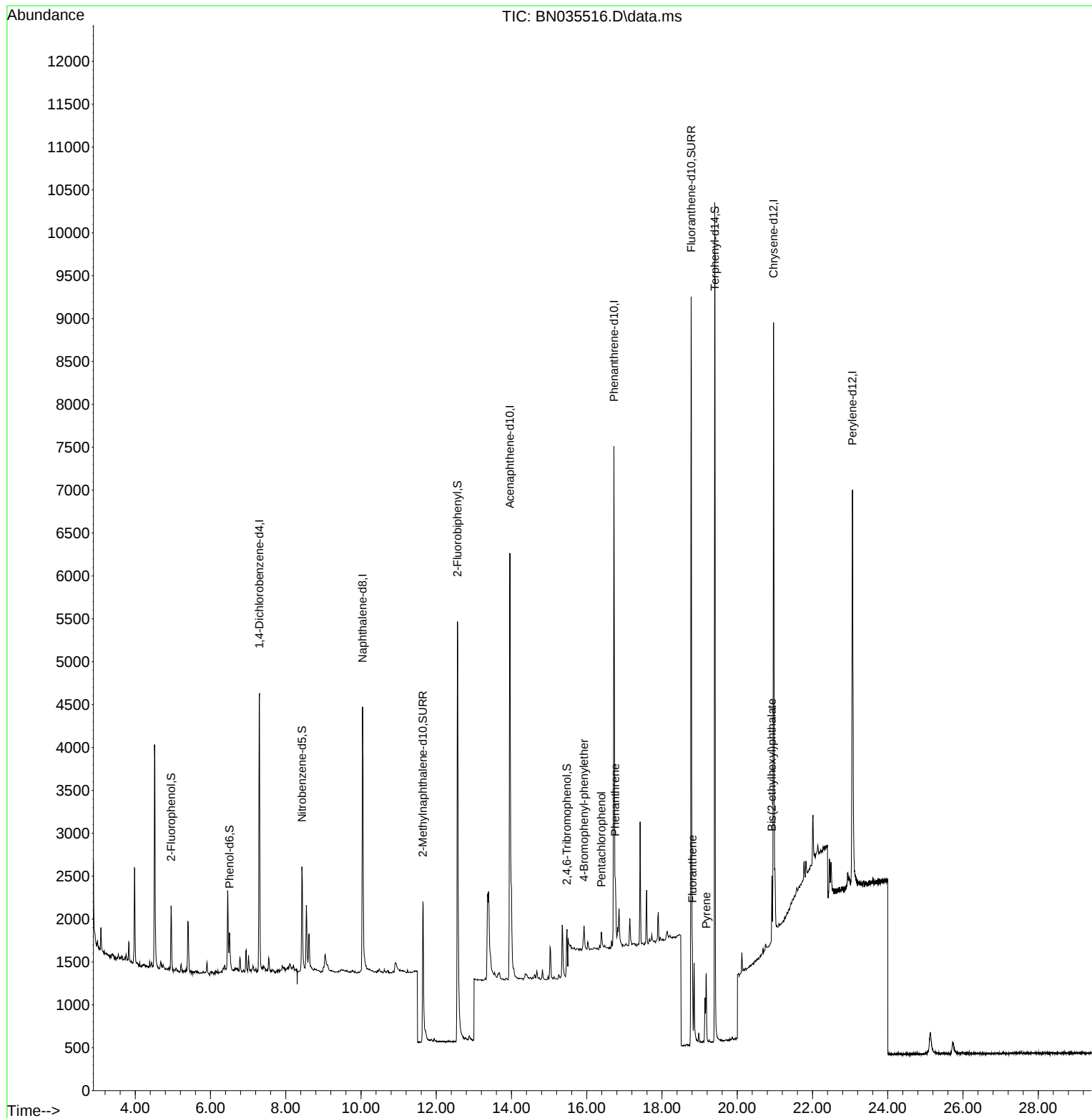
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035516.D
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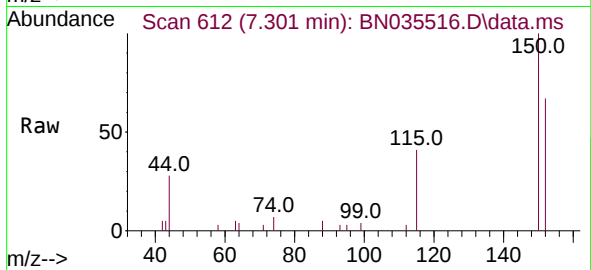
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.301 min Scan# 613
Delta R.T. -0.007 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

ClientSampleId :

FB-20241206



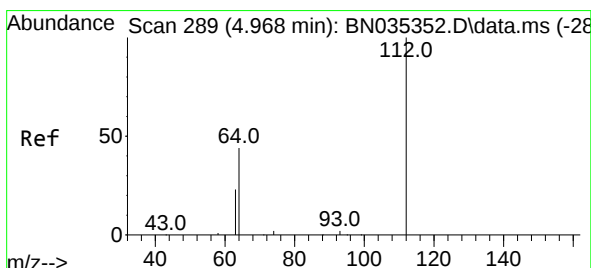
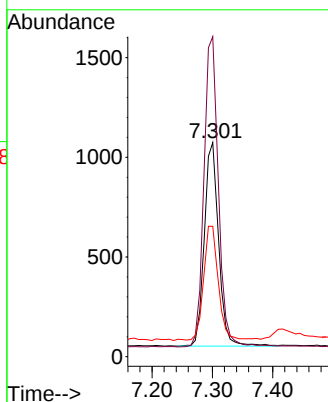
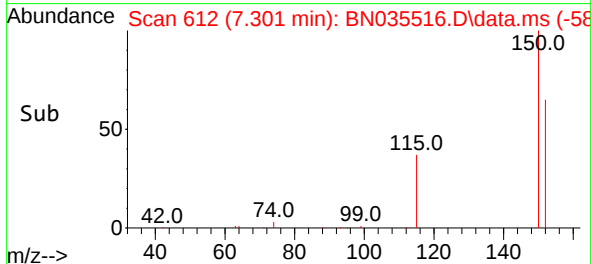
Tgt Ion:152 Resp: 1690
Ion Ratio Lower Upper
152 100
150 149.4 124.0 186.0
115 60.9 49.6 74.4

Manual Integrations

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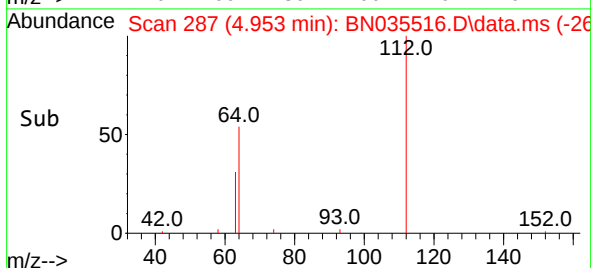
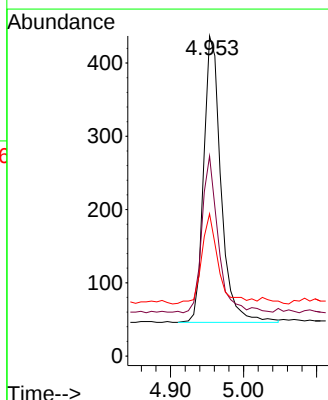
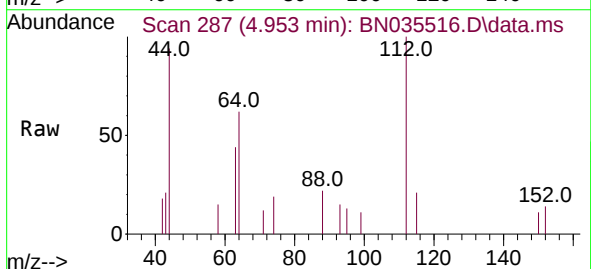
Reviewed By :Yogesh Patel 12/11/2024

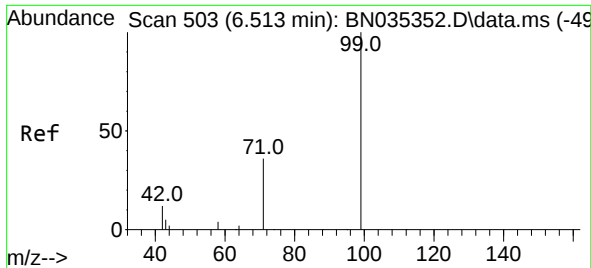
Supervised By :mohammad ahmed 12/11/2024



#4
2-Fluorophenol
Concen: 0.152 ng
RT: 4.953 min Scan# 287
Delta R.T. -0.014 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

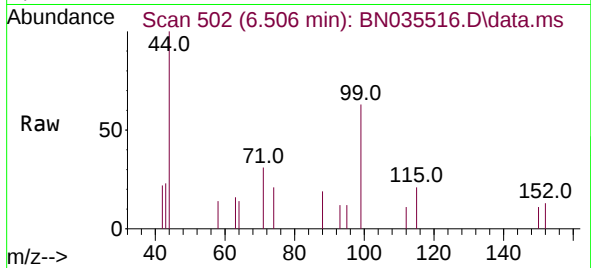
Tgt Ion:112 Resp: 643
Ion Ratio Lower Upper
112 100
64 51.9 39.8 59.8
63 30.3 21.0 31.6





#5
Phenol-d6
Concen: 0.096 ng
RT: 6.506 min Scan# 503
Delta R.T. -0.007 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

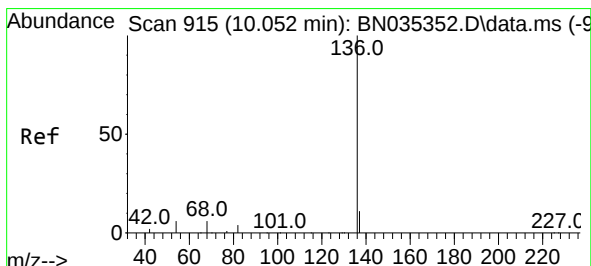
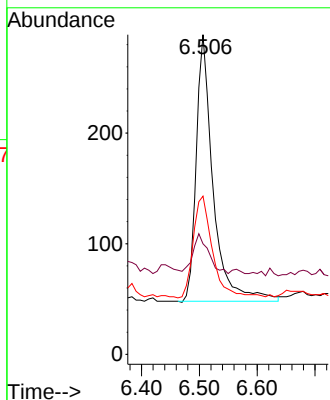
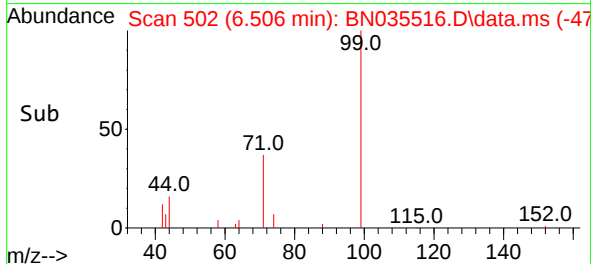
Instrument :
BNA_N
ClientSampleId :
FB-20241206



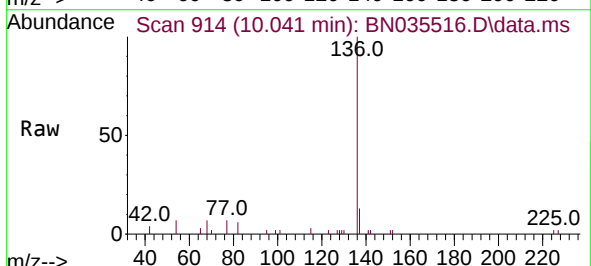
Tgt Ion: 99	Resp: 490
Ion Ratio	Lower Upper
99 100	
42 14.1	11.4 17.2
71 43.9	29.3 43.9

Manual Integrations
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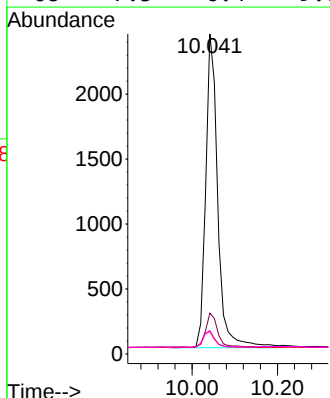
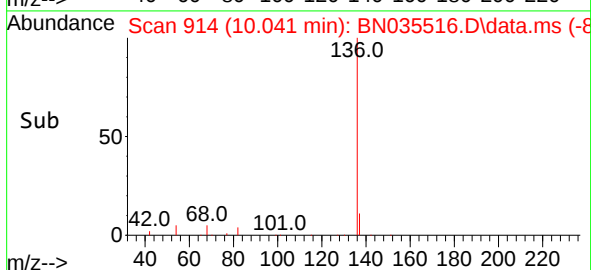
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.041 min Scan# 914
Delta R.T. -0.011 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43



Tgt	Ion:136	Resp:	4712
Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.2	15.2
54	7.1	6.1	9.1
68	7.3	6.4	9.6





#8
Nitrobenzene-d5
Concen: 0.445 ng m
RT: 8.429 min Scan# 70
Delta R.T. -0.011 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

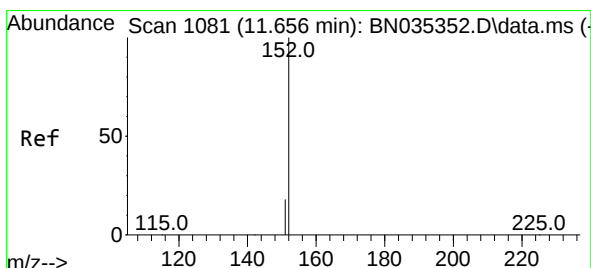
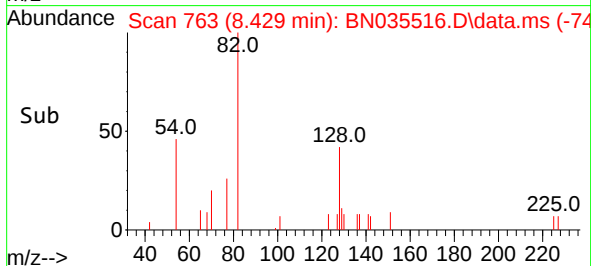
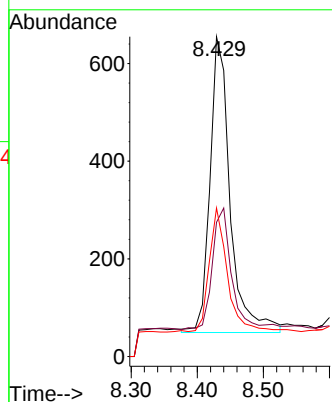
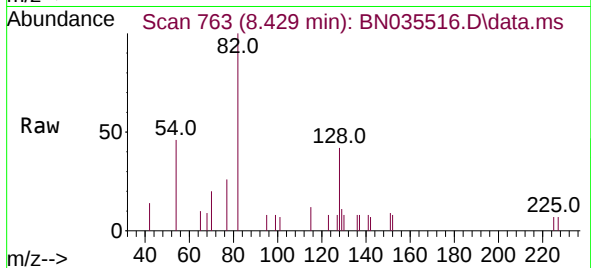
ClientSampleId :

FB-20241206

Tgt Ion: 82 Resp: 128
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 46.4 36.7 55.1

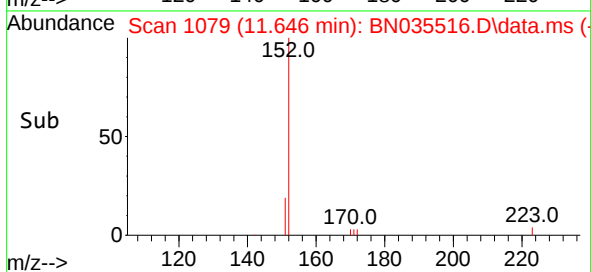
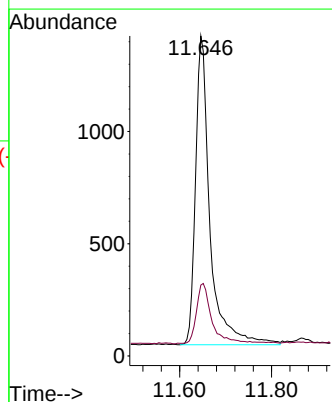
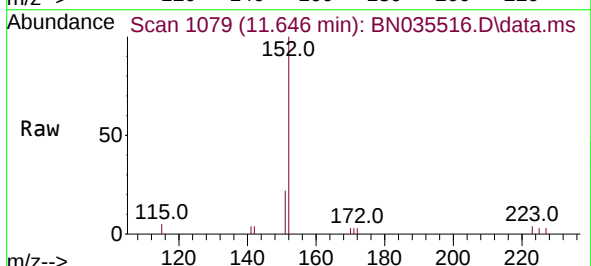
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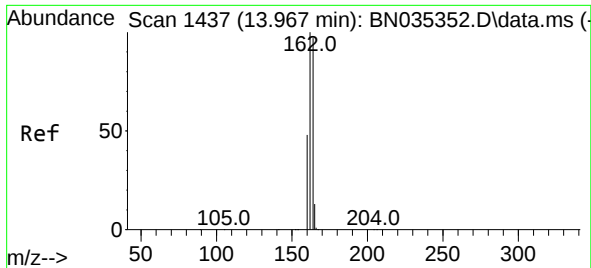
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.646 min Scan# 1079
Delta R.T. -0.010 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

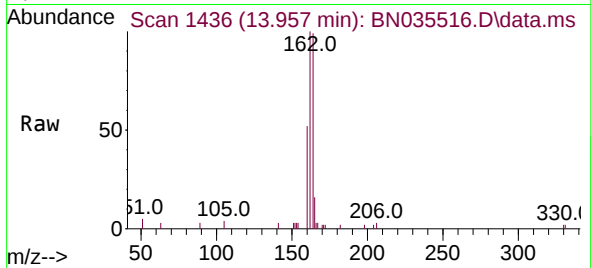
Tgt Ion:152 Resp: 2985
Ion Ratio Lower Upper
152 100
151 21.4 16.6 25.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.957 min Scan# 1436
Delta R.T. -0.011 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

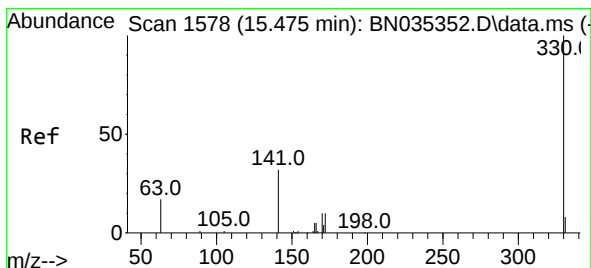
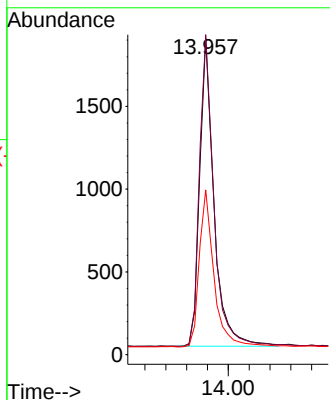
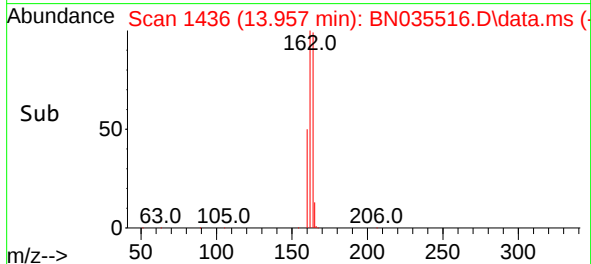
Instrument :
BNA_N
ClientSampleId :
FB-20241206



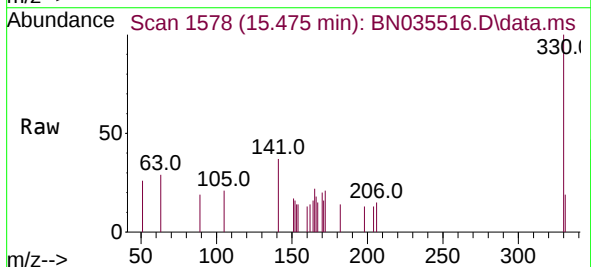
Tgt Ion:164 Resp: 357
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 52.0 40.1 60.1

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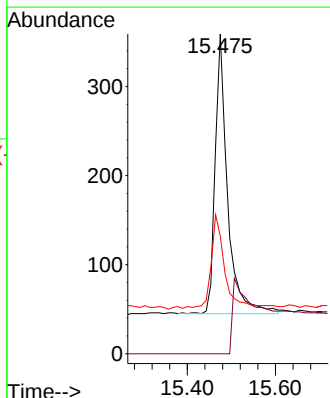
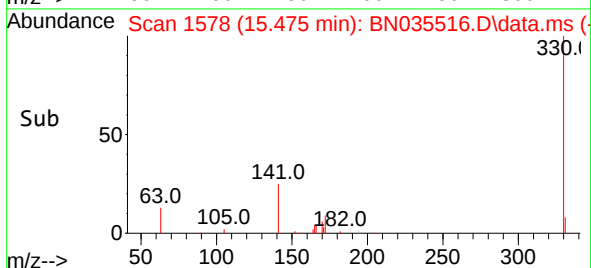
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

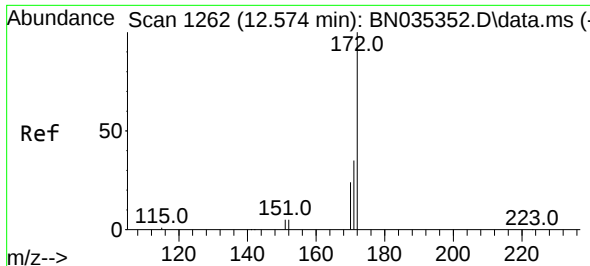


#14
2,4,6-Tribromophenol
Concen: 0.253 ng
RT: 15.475 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43



Tgt Ion:330 Resp: 642
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 38.0 26.6 40.0





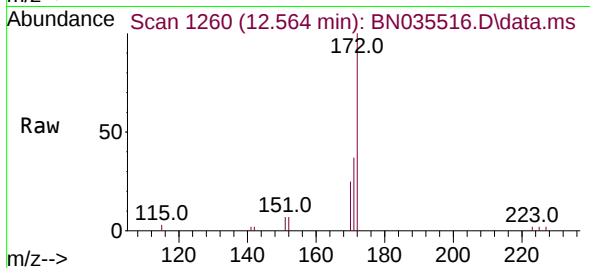
#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 12.564 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Instrument :

BNA_N

ClientSampleId :

FB-20241206



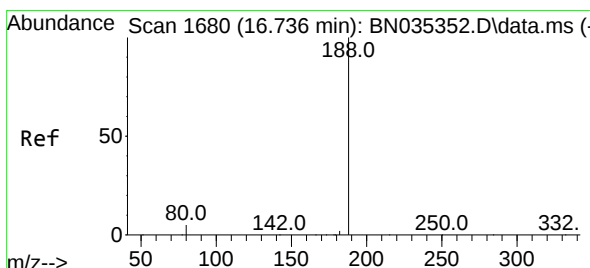
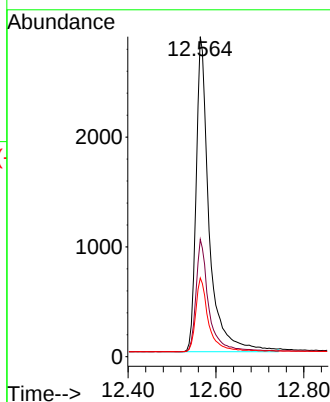
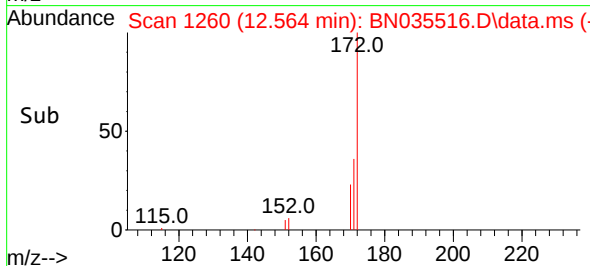
Tgt Ion:172 Resp: 595
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.6 19.8 29.8

Manual Integrations

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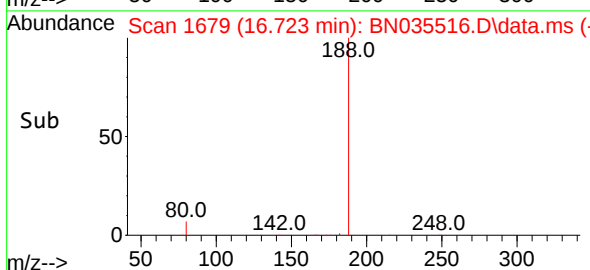
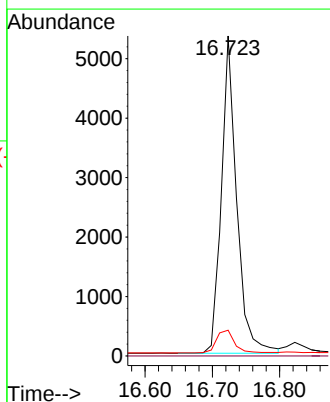
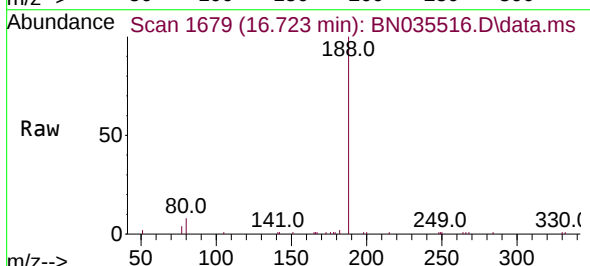
Reviewed By :Yogesh Patel 12/11/2024

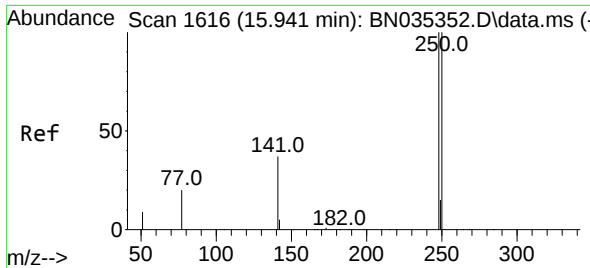
Supervised By :mohammad ahmed 12/11/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.723 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

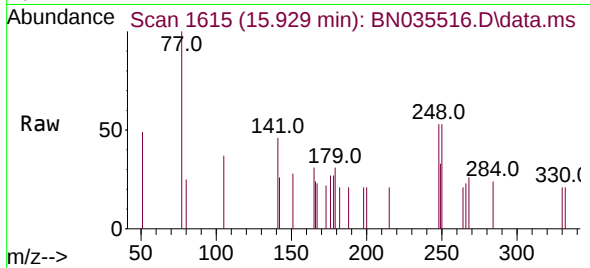
Tgt Ion:188 Resp: 8431
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 4.6 6.8





#21
4-Bromophenyl-phenylether
Concen: 0.027 ng
RT: 15.929 min Scan# 1615
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

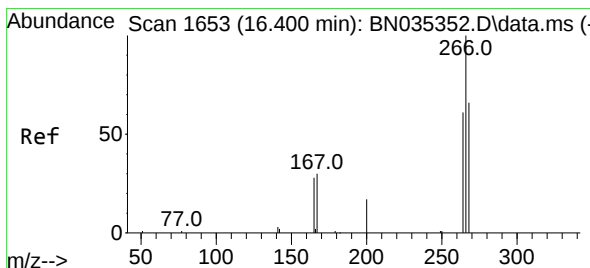
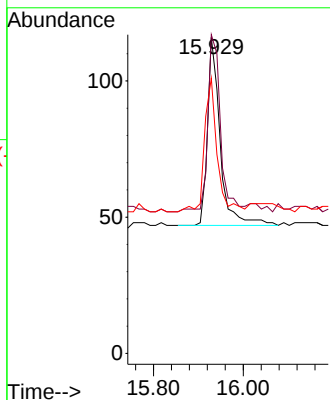
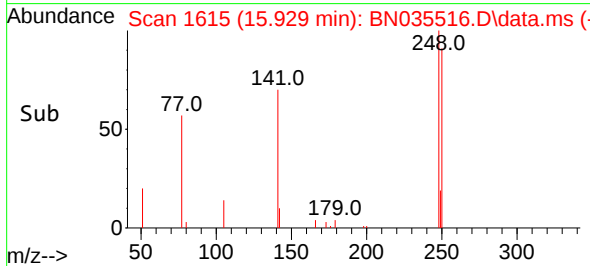
Instrument :
BNA_N
ClientSampleId :
FB-20241206



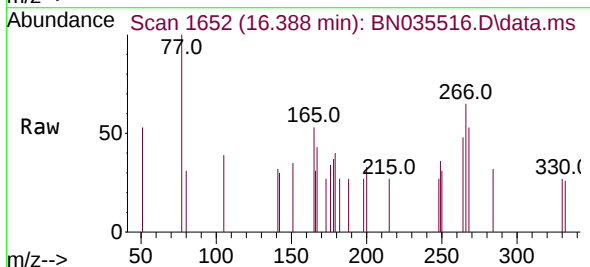
Tgt Ion:248 Resp: 135
Ion Ratio Lower Upper
248 100
250 100.9 80.6 120.8
141 87.1 31.5 47.3

Manual Integrations
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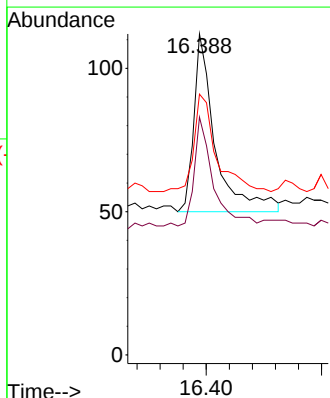
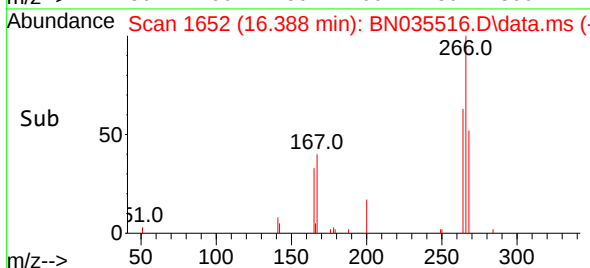
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

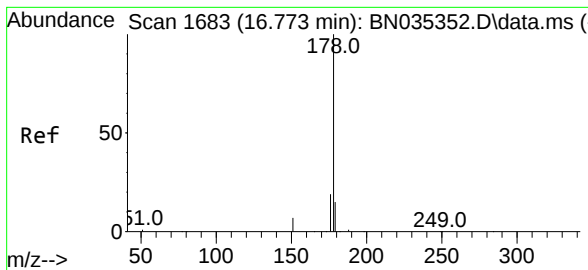


#24
Pentachlorophenol
Concen: 0.064 ng
RT: 16.388 min Scan# 1652
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43



Tgt Ion:266 Resp: 160
Ion Ratio Lower Upper
266 100
264 53.8 42.3 63.5
268 60.0 43.3 64.9





#25
Phenanthrene
Concen: 0.027 ng
RT: 16.761 min Scan# 1682
Delta R.T. -0.012 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

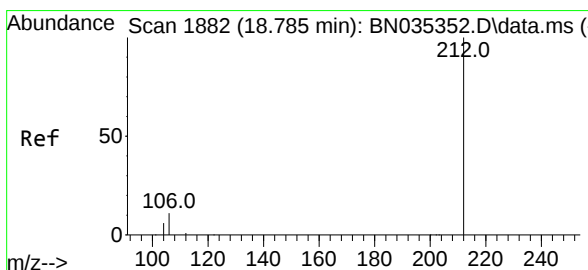
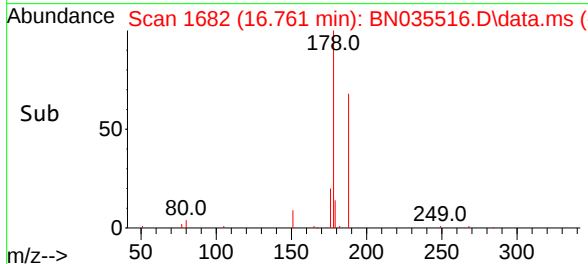
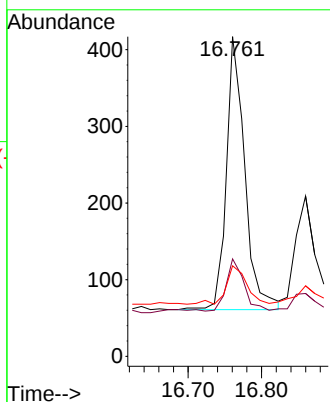
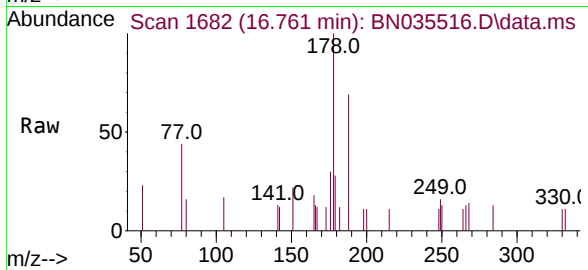
Instrument :
BNA_N
ClientSampleId :
FB-20241206

Tgt Ion:178 Resp: 619

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.5	12.3	18.5

Manual Integrations
APPROVED

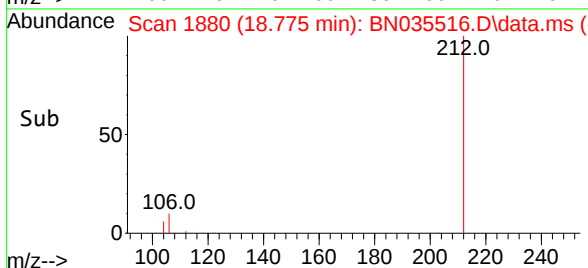
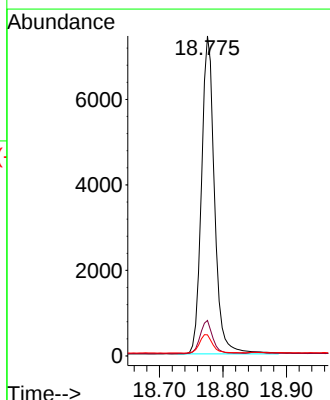
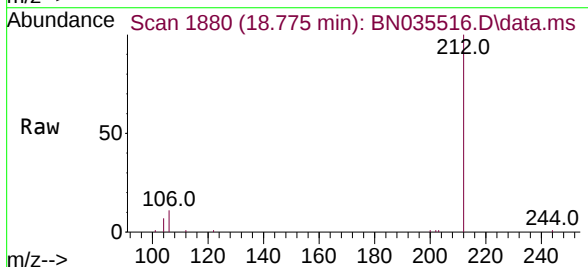
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024

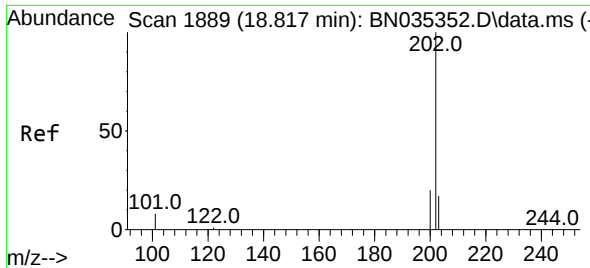


#27
Fluoranthene-d10
Concen: 0.445 ng
RT: 18.775 min Scan# 1880
Delta R.T. -0.009 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:212 Resp: 10625

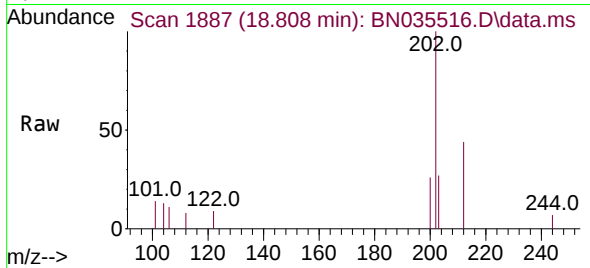
Ion	Ratio	Lower	Upper
212	100		
106	10.1	9.2	13.8
104	5.9	5.3	7.9





#28
Fluoranthene
Concen: 0.028 ng
RT: 18.808 min Scan# 1887
Delta R.T. -0.009 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

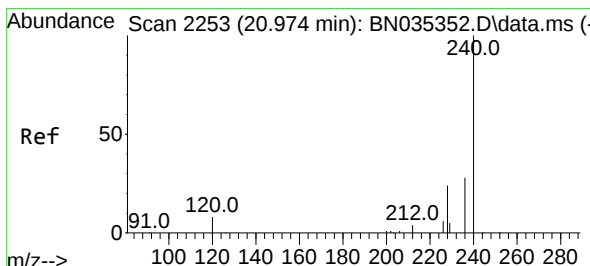
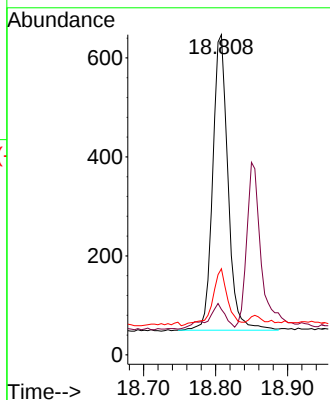
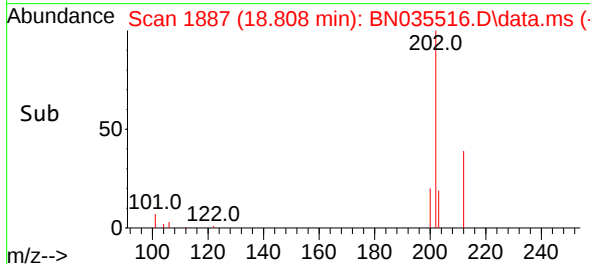
Instrument :
BNA_N
ClientSampleId :
FB-20241206



Tgt Ion:202 Resp: 879
Ion Ratio Lower Upper
202 100
101 10.0 7.4 11.0
203 18.9 13.7 20.5

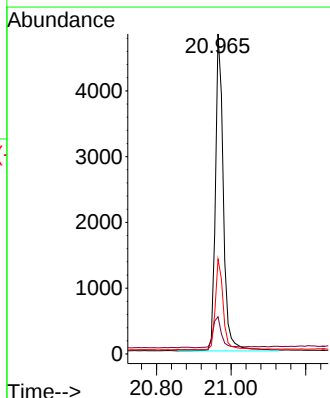
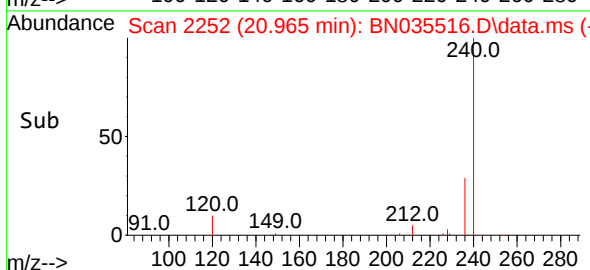
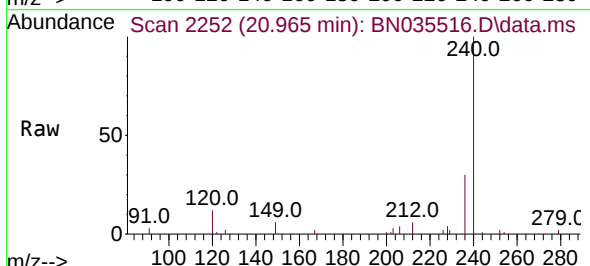
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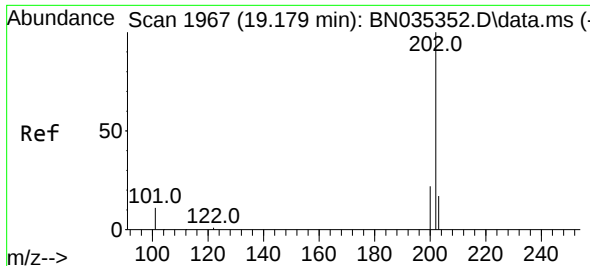
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.965 min Scan# 2252
Delta R.T. -0.009 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:240 Resp: 7106
Ion Ratio Lower Upper
240 100
120 11.7 7.9 11.9
236 29.6 22.9 34.3





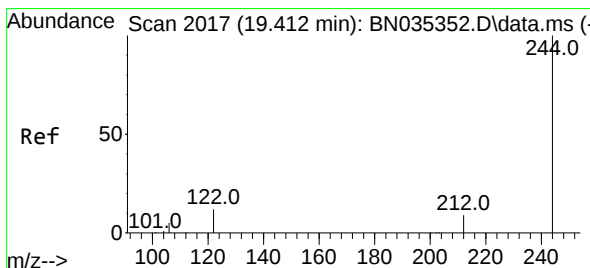
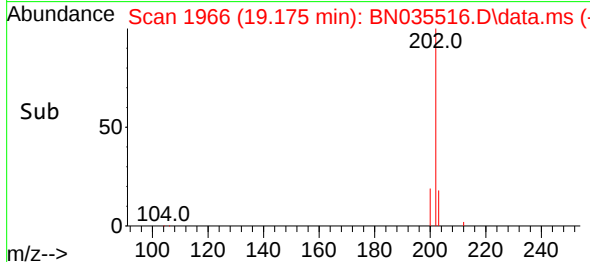
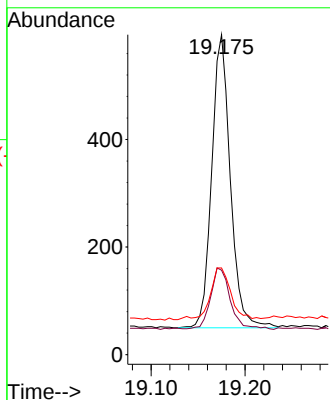
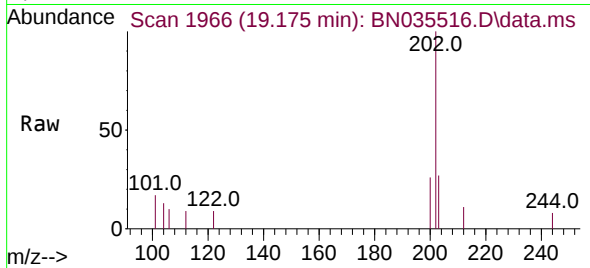
#30
Pyrene
Concen: 0.029 ng
RT: 19.175 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Instrument :
BNA_N
ClientSampleId :
FB-20241206

Tgt Ion:202 Resp: 75
Ion Ratio Lower Upper
202 100
200 22.2 17.0 25.4
203 18.1 14.3 21.5

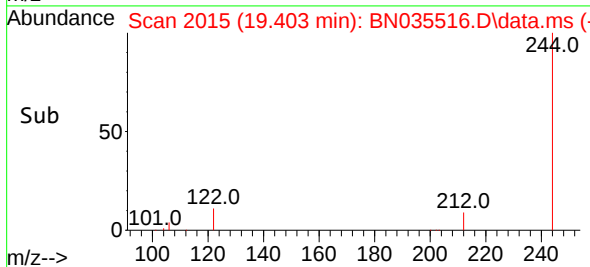
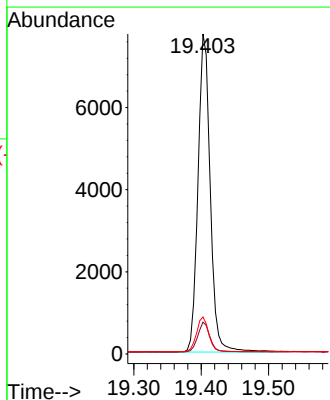
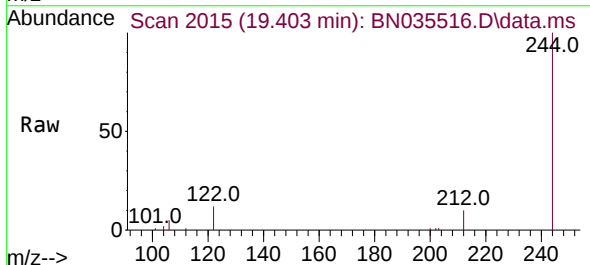
Manual Integrations
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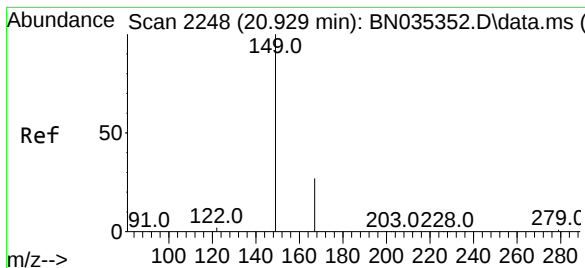
Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#31
Terphenyl-d14
Concen: 0.697 ng
RT: 19.403 min Scan# 2015
Delta R.T. -0.009 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

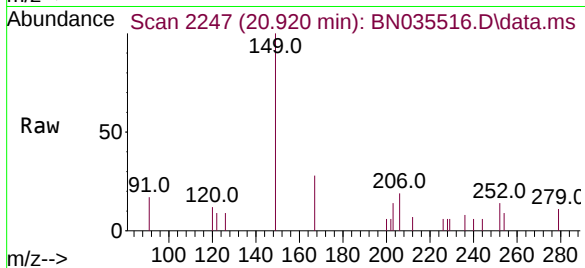
Tgt Ion:244 Resp: 9767
Ion Ratio Lower Upper
244 100
212 10.0 8.1 12.1
122 11.5 10.3 15.5





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.079 ng
RT: 20.920 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

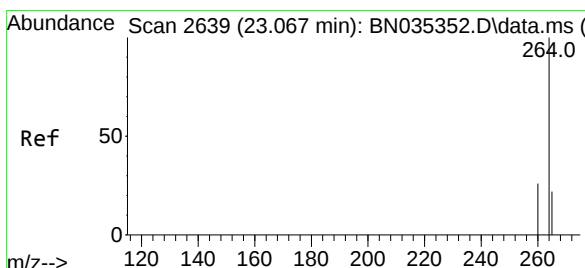
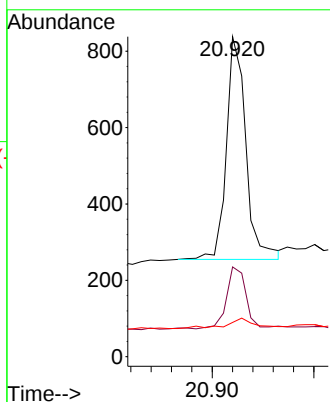
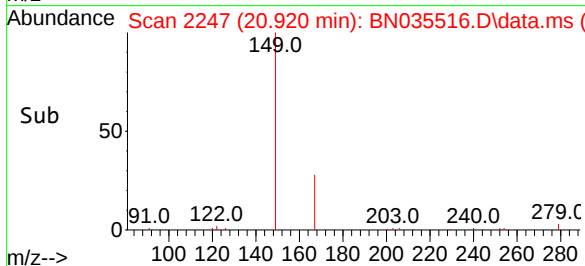
Instrument :
BNA_N
ClientSampleId :
FB-20241206



Tgt Ion:149 Resp: 772
Ion Ratio Lower Upper
149 100
167 26.6 22.2 33.4
279 5.1 2.7 4.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/11/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.062 min Scan# 2637
Delta R.T. -0.006 min
Lab File: BN035516.D
Acq: 09 Dec 2024 20:43

Tgt Ion:264 Resp: 6618
Ion Ratio Lower Upper
264 100
260 27.5 21.4 32.2
265 65.7 40.2 60.4

