

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
 Data File : BN033051.D
 Acq On : 28 Jul 2024 02:16
 Operator : MA/JU
 Sample : P3338-02
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240718

Quant Time: Jul 29 01:11:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 21 23:33:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	2002m	0.400	ng	0.07
7) Naphthalene-d8	10.340	136	7878	0.400	ng	# 0.04
13) Acenaphthene-d10	14.179	164	4675	0.400	ng	0.00
19) Phenanthrene-d10	16.957	188	12065	0.400	ng	# 0.00
29) Chrysene-d12	21.178	240	10285	0.400	ng	0.01
35) Perylene-d12	23.367	264	10233	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.242	112	1466m	0.289	ng	0.07
5) Phenol-d6	7.019	99	1186m	0.189	ng	0.24
8) Nitrobenzene-d5	8.909	82	2437m	0.411	ng	0.18
11) 2-Methylnaphthalene-d10	11.950	152	3592	0.298	ng	0.04
14) 2,4,6-Tribromophenol	15.753	330	692	0.346	ng	0.03
15) 2-Fluorobiphenyl	12.822	172	5967	0.343	ng	0.01
27) Fluoranthene-d10	18.992	212	13103	0.420	ng	0.00
31) Terphenyl-d14	19.582	244	10407	0.494	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	430	0.173	ng	# 49
18) Fluorene	15.302	166	430	0.024	ng	# 88
25) Phenanthrene	17.007	178	1517	0.046	ng	96
28) Fluoranthene	19.024	202	1556	0.039	ng	# 90
30) Pyrene	19.401	202	1054	0.025	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.026	149	30002m	1.666	ng	

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

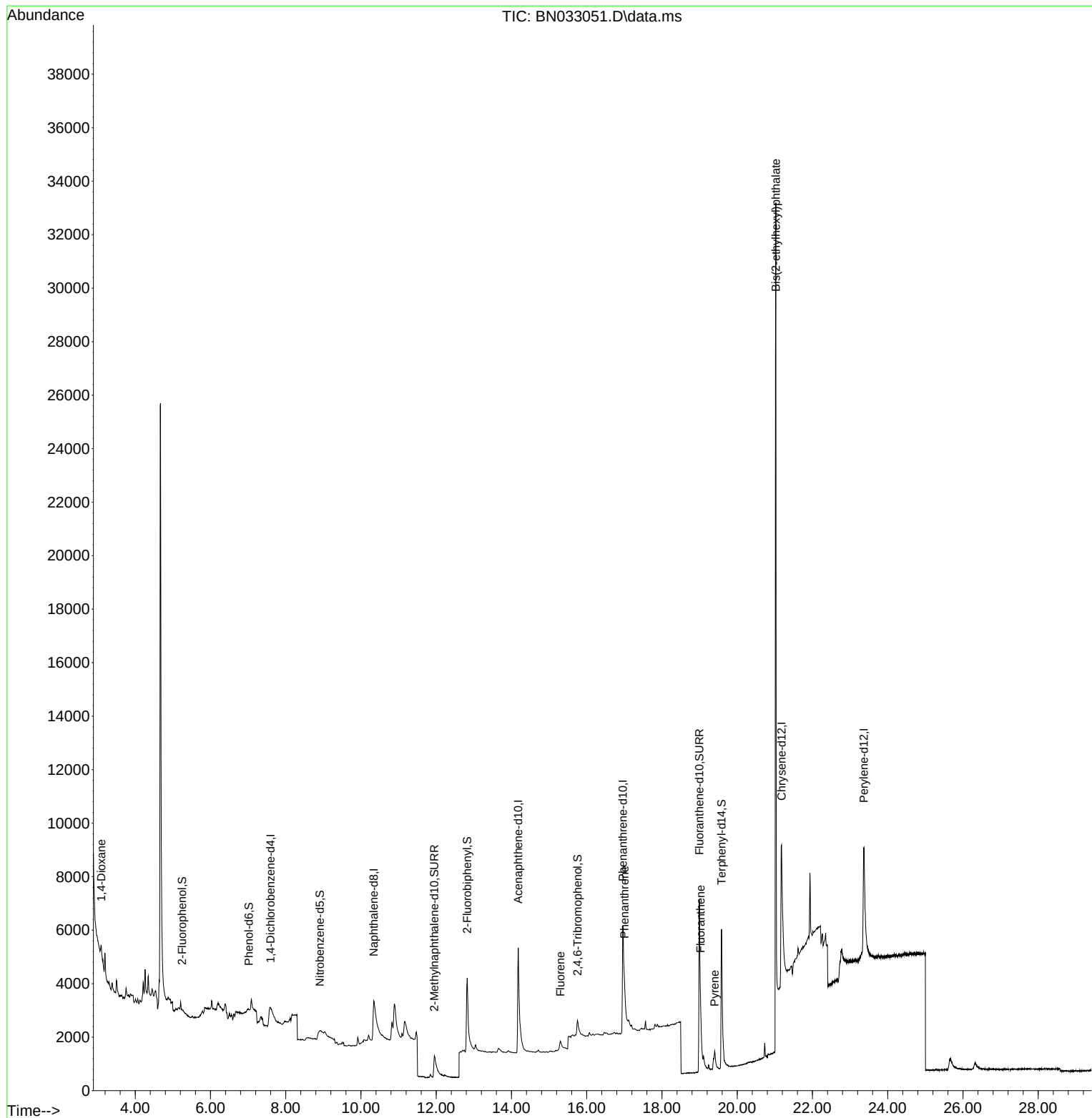
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033051.D
Acq On : 28 Jul 2024 02:16
Operator : MA/JU
Sample : P3338-02
Misc :
ALS Vial : 67 Sample Multiplier: 1

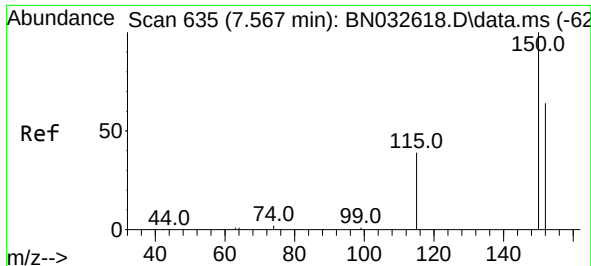
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

Quant Time: Jul 29 01:11:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

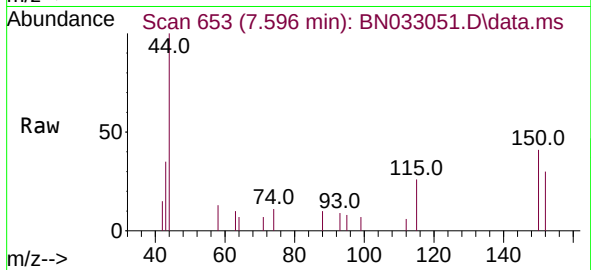
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.596 min Scan# 61
 Delta R.T. 0.066 min
 Lab File: BN033051.D
 Acq: 28 Jul 2024 02:16

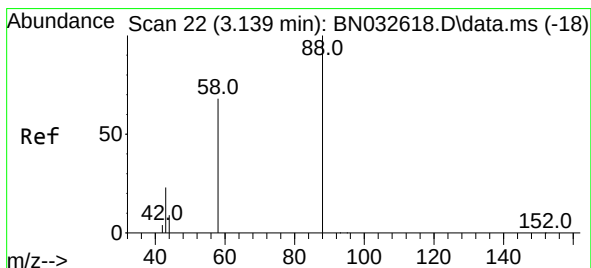
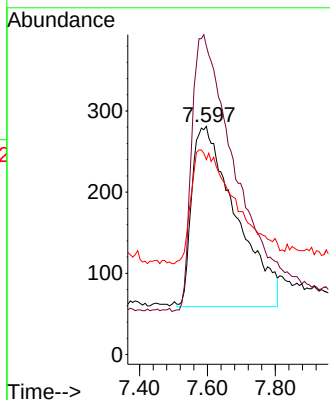
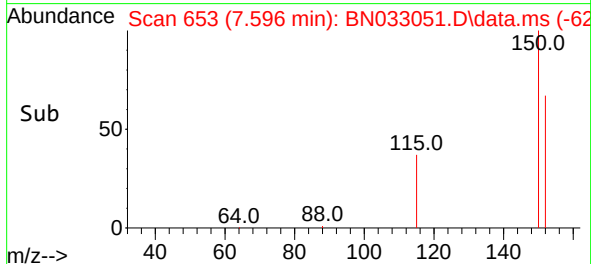
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-196-EB-20240718



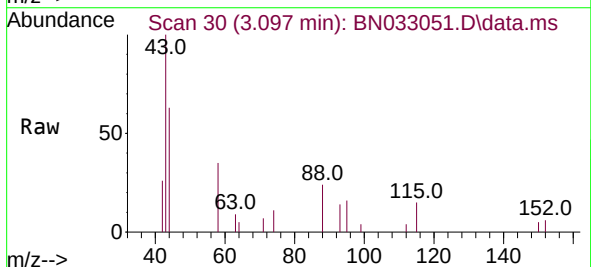
Tgt Ion: 152 Resp: 200
 Ion Ratio Lower Upper
 152 100
 150 135.2 123.8 185.6
 115 85.4 52.8 79.2

Manual Integrations
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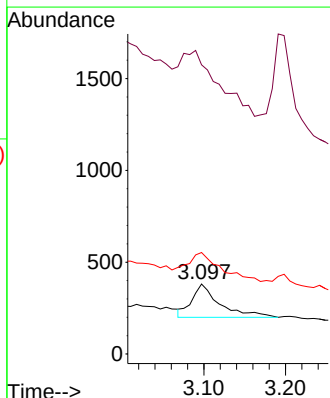
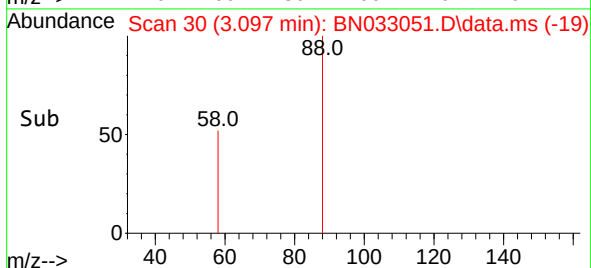
Reviewed By :Jagrut Upadhyay 07/29/2024
 Supervised By :mohammad ahmed 07/30/2024

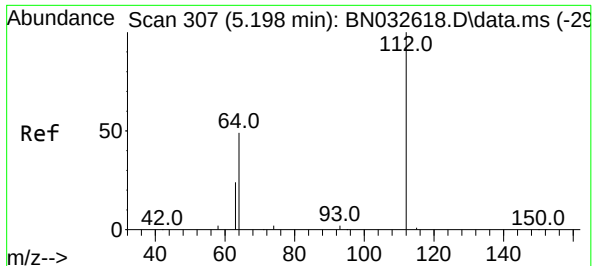


#2
 1,4-Dioxane
 Concen: 0.173 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BN033051.D
 Acq: 28 Jul 2024 02:16



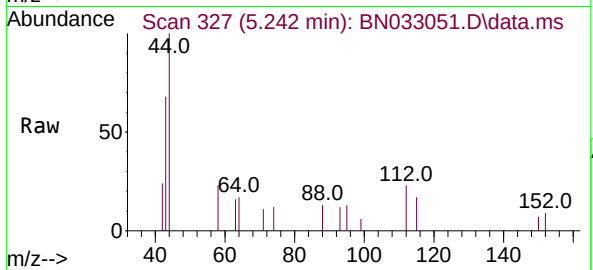
Tgt Ion: 88 Resp: 430
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 101.2 49.2 73.8#





#4
2-Fluorophenol
Concen: 0.289 ng m
RT: 5.242 min Scan# 31
Delta R.T. 0.066 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

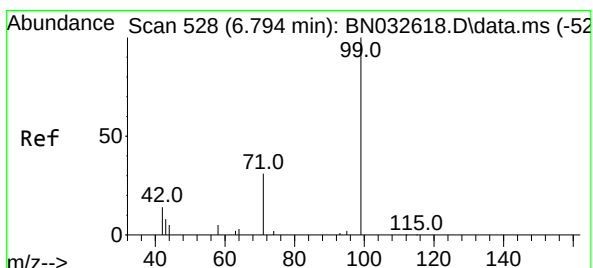
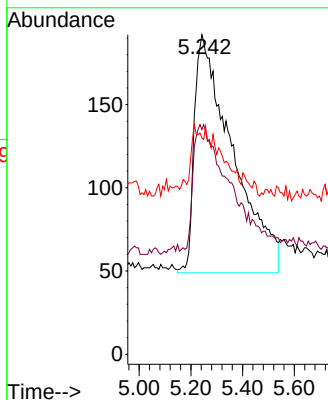
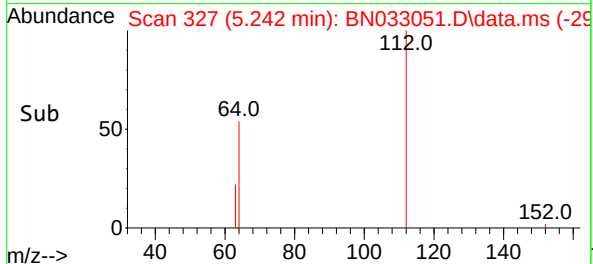
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion: 112 Resp: 146
Ion Ratio Lower Upper
112 100
64 41.5 40.2 60.4
63 0.0 22.2 33.4

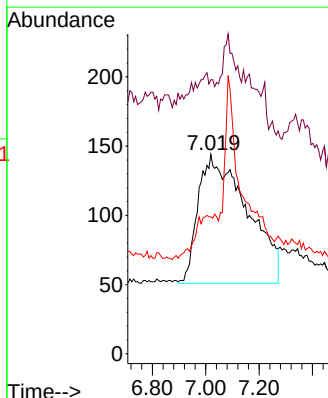
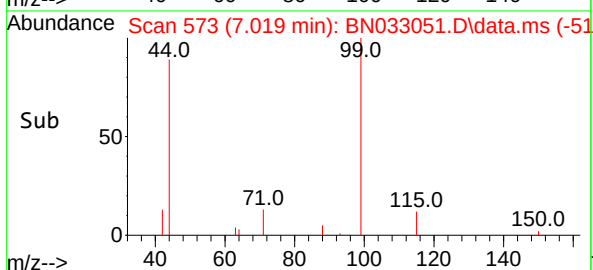
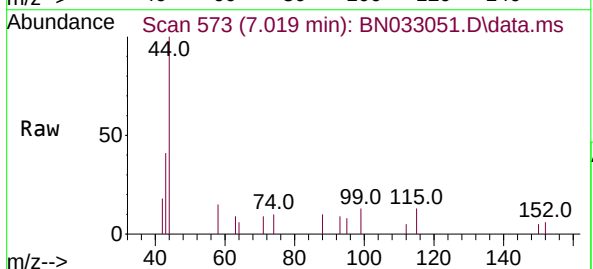
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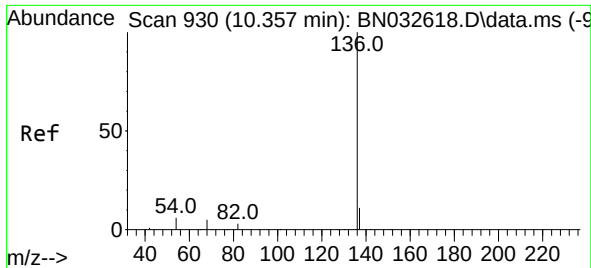
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#5
Phenol-d6
Concen: 0.189 ng m
RT: 7.019 min Scan# 573
Delta R.T. 0.239 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

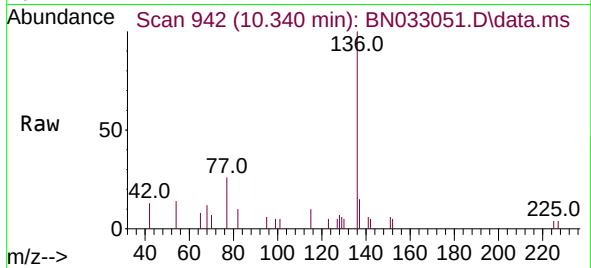
Tgt Ion: 99 Resp: 1186
Ion Ratio Lower Upper
99 100
42 1.8 10.5 15.7#
71 11.7 22.3 33.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. 0.037 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

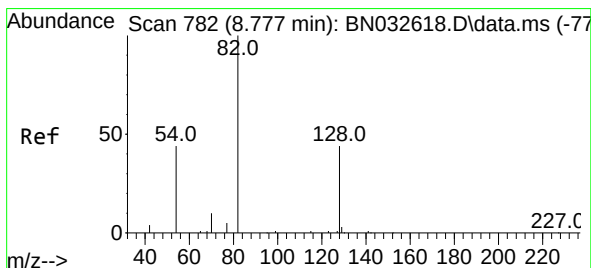
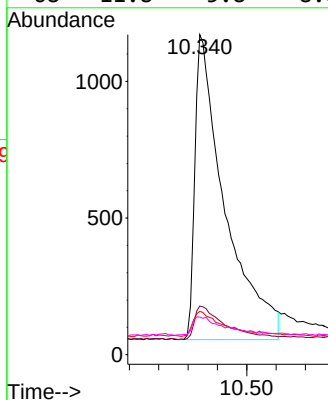
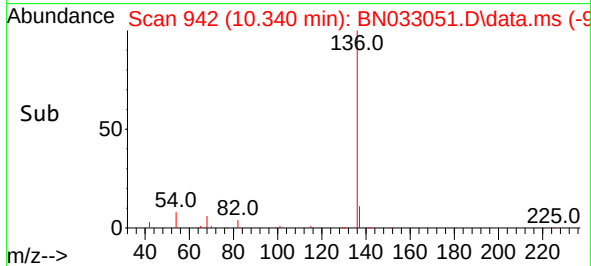
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion: 136 Resp: 7878
Ion Ratio Lower Upper
136 100
137 15.2 9.9 14.9
54 13.6 6.5 9.7
68 11.8 5.8 8.8

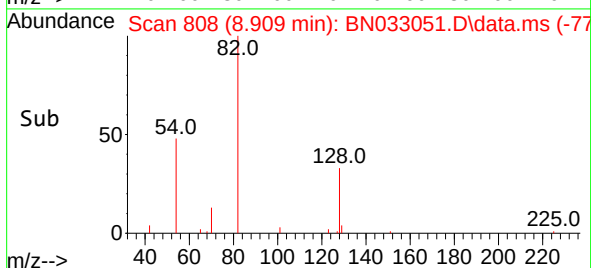
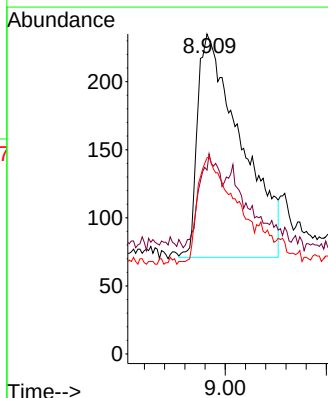
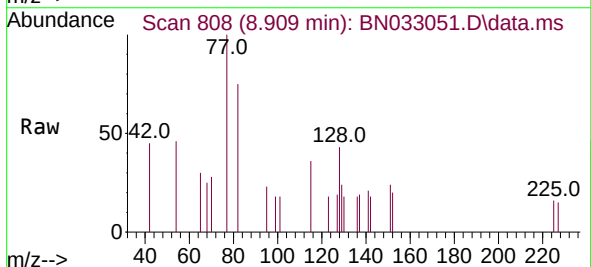
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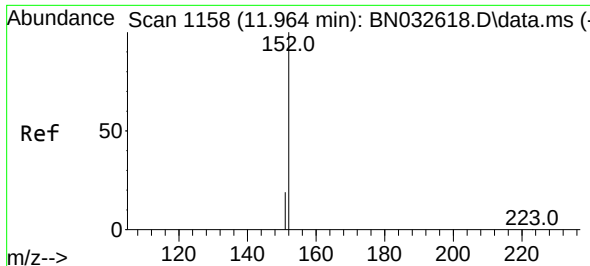
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#8
Nitrobenzene-d5
Concen: 0.411 ng m
RT: 8.909 min Scan# 808
Delta R.T. 0.175 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

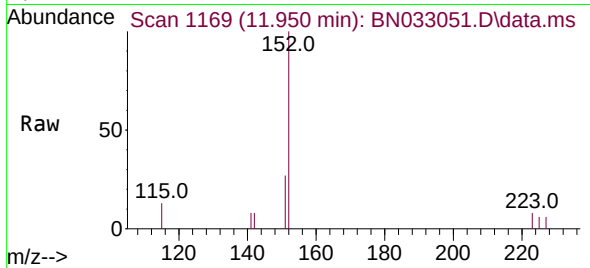
Tgt Ion: 82 Resp: 2437
Ion Ratio Lower Upper
82 100
128 57.4 41.7 62.5
54 61.3 39.5 59.3





#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 11.950 min Scan# 1158
Delta R.T. 0.035 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

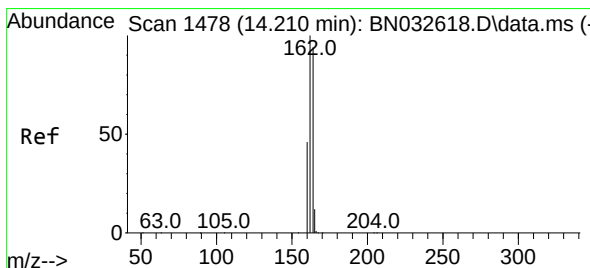
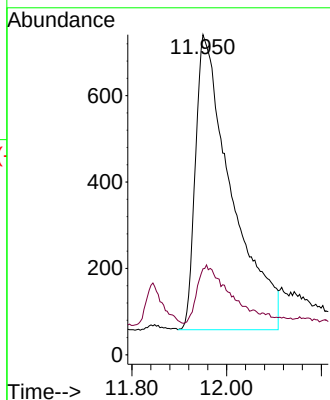
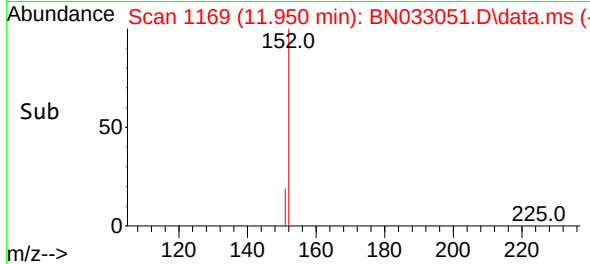
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion:152 Resp: 3592
Ion Ratio Lower Upper
152 100
151 16.9 16.2 24.2

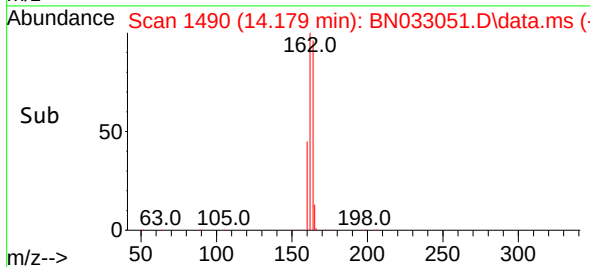
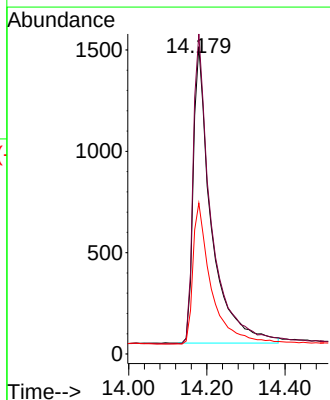
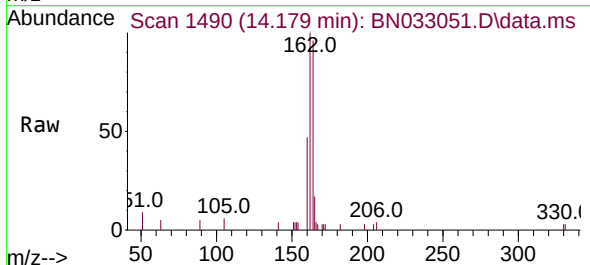
Manual Integrations
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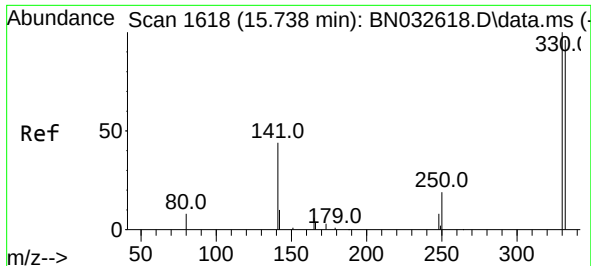
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.179 min Scan# 1490
Delta R.T. 0.001 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

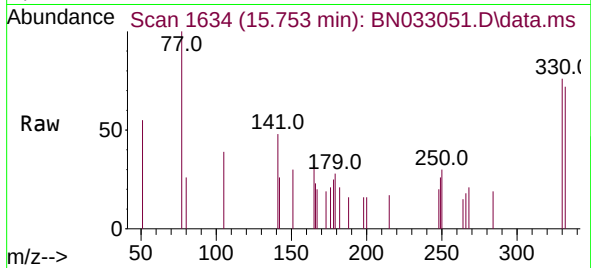
Tgt Ion:164 Resp: 4675
Ion Ratio Lower Upper
164 100
162 104.1 85.0 127.4
160 49.1 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.346 ng
RT: 15.753 min Scan# 1634
Delta R.T. 0.028 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

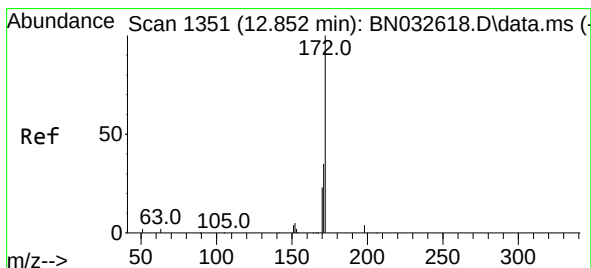
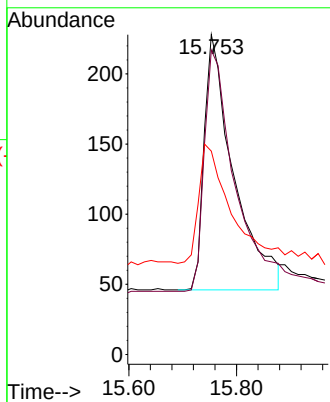
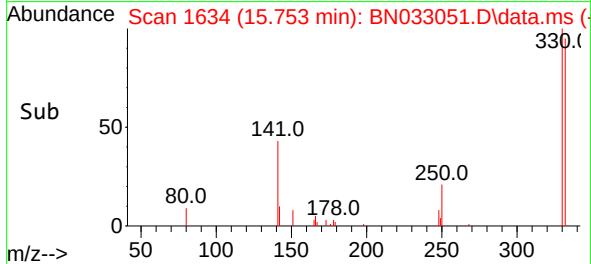
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion:330 Resp: 692
Ion Ratio Lower Upper
330 100
332 98.4 77.8 116.8
141 49.6 34.2 51.2

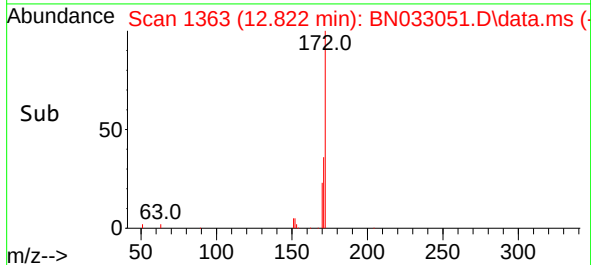
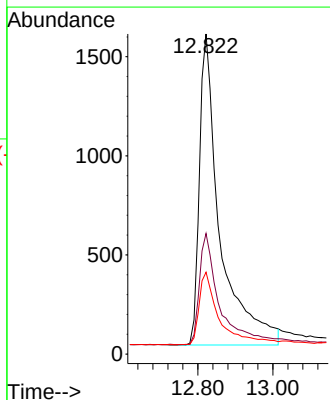
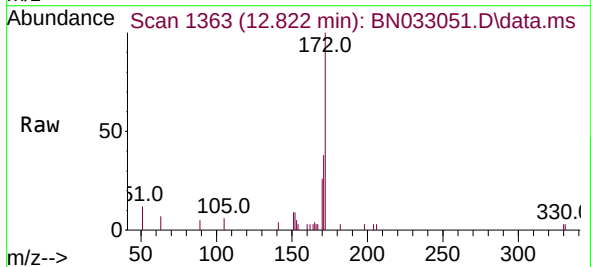
Manual Integrations
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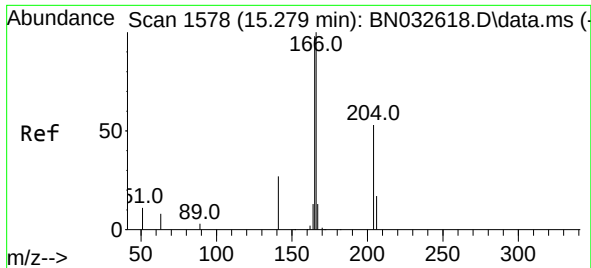
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#15
2-Fluorobiphenyl
Concen: 0.343 ng
RT: 12.822 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

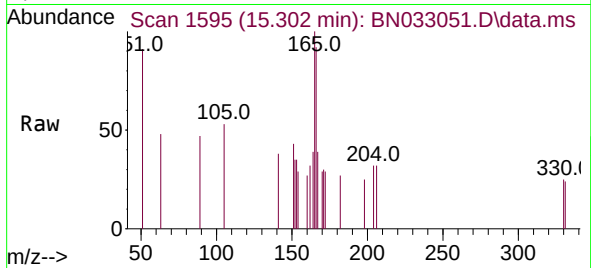
Tgt Ion:172 Resp: 5967
Ion Ratio Lower Upper
172 100
171 37.6 28.6 43.0
170 25.6 19.0 28.6





#18
Fluorene
Concen: 0.024 ng
RT: 15.302 min Scan# 1595
Delta R.T. 0.055 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

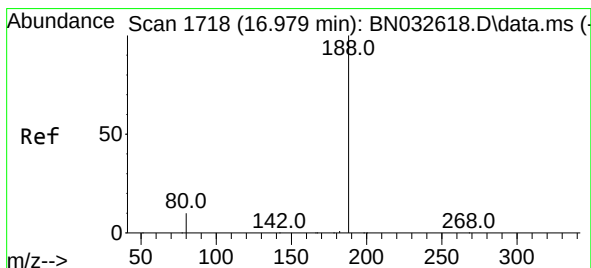
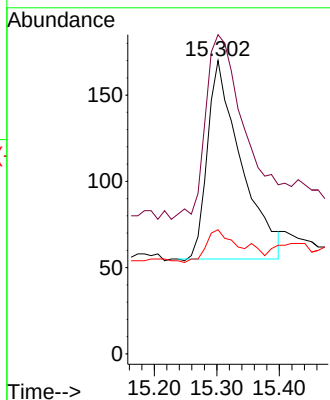
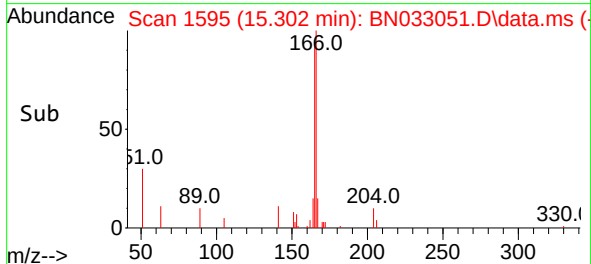
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion:166 Resp: 430
Ion Ratio Lower Upper
166 100
165 109.3 78.0 117.0
167 17.2 10.7 16.1

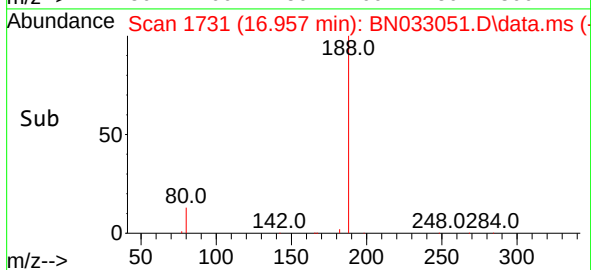
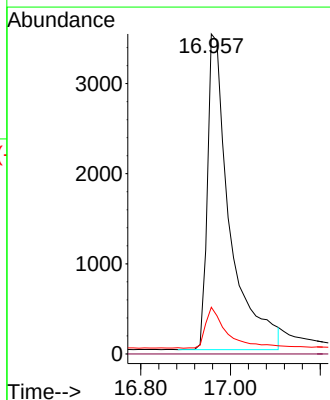
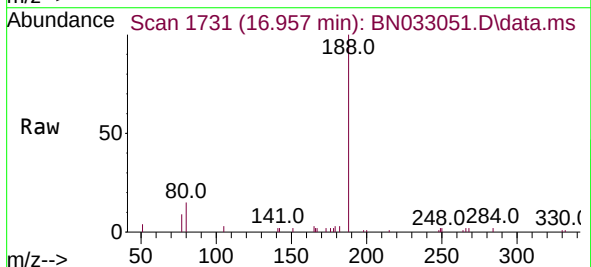
Manual Integrations
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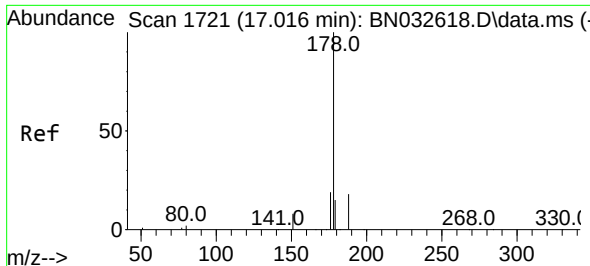
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.957 min Scan# 1731
Delta R.T. 0.003 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

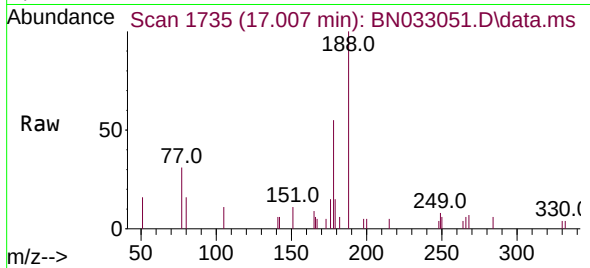
Tgt Ion:188 Resp: 12065
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 8.8 13.2





#25
Phenanthrene
Concen: 0.046 ng
RT: 17.007 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

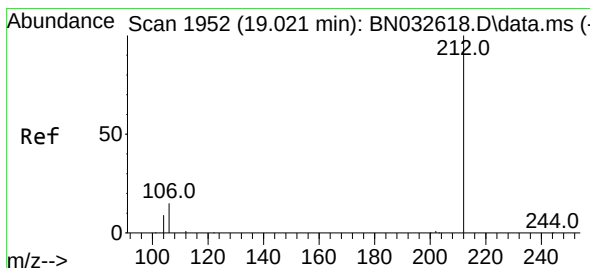
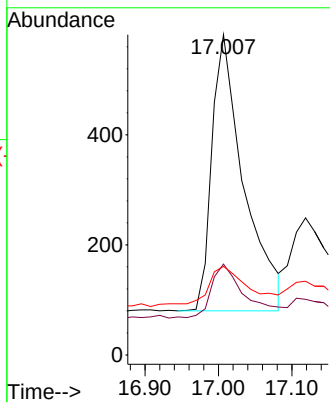
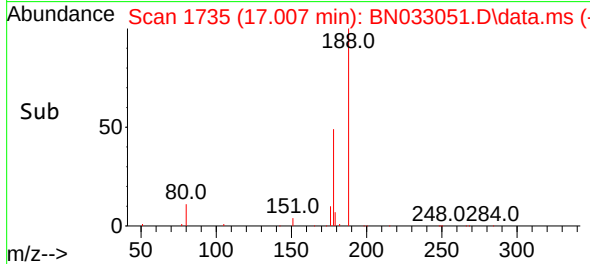
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion:178 Resp: 151
Ion Ratio Lower Upper
178 100
176 20.9 15.1 22.7
179 16.4 12.2 18.4

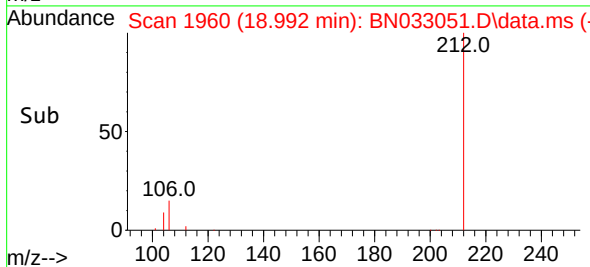
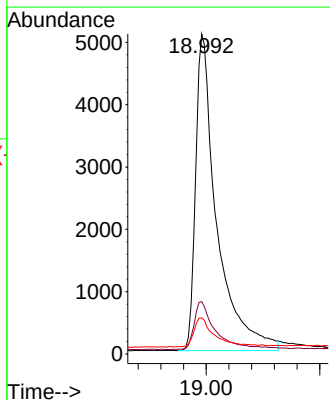
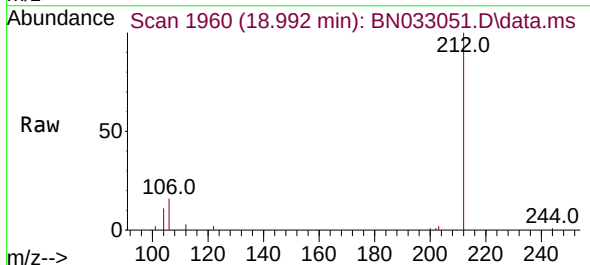
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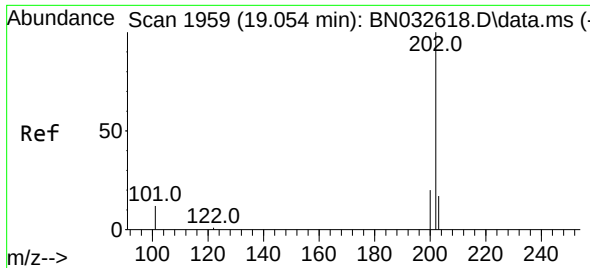
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 18.992 min Scan# 1960
Delta R.T. -0.002 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

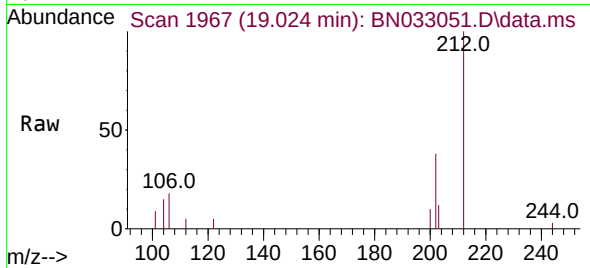
Tgt Ion:212 Resp: 13103
Ion Ratio Lower Upper
212 100
106 15.4 11.9 17.9
104 8.9 6.9 10.3





#28
Fluoranthene
Concen: 0.039 ng
RT: 19.024 min Scan# 1967
Delta R.T. 0.003 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

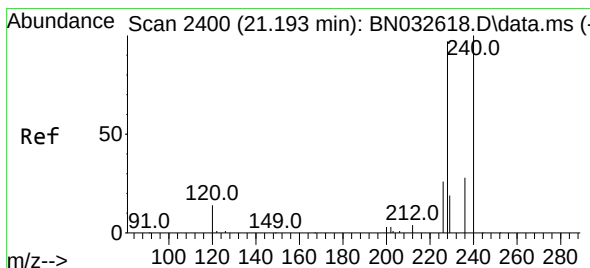
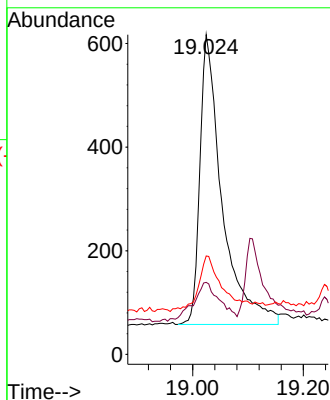
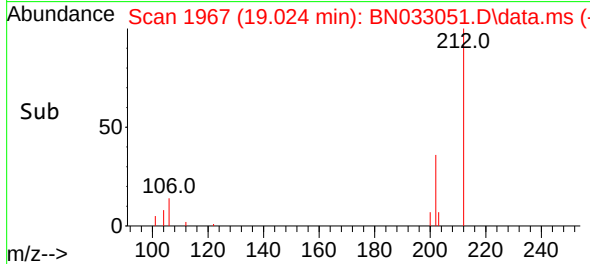
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion:202 Resp: 1550
Ion Ratio Lower Upper
202 100
101 16.3 9.6 14.4
203 21.0 13.8 20.6

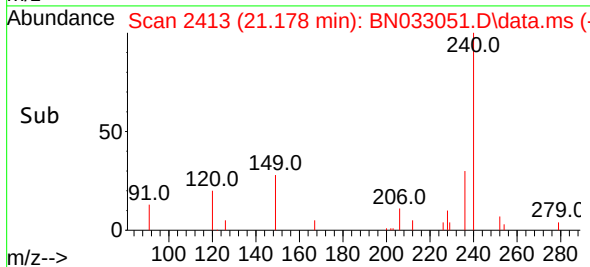
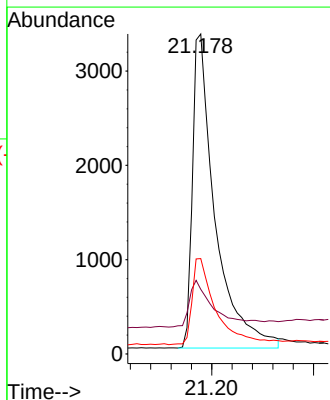
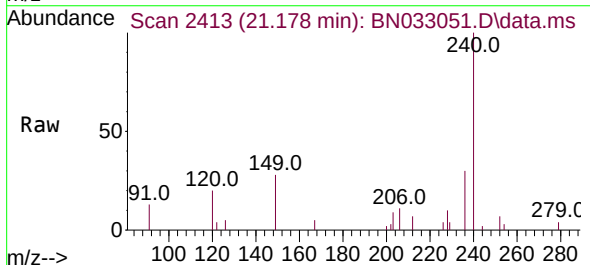
Manual Integrations
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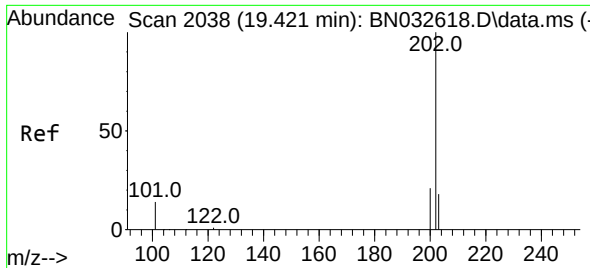
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.178 min Scan# 2413
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:240 Resp: 10285
Ion Ratio Lower Upper
240 100
120 20.2 14.8 22.2
236 29.8 23.3 34.9





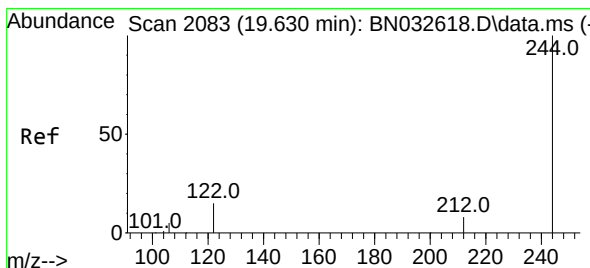
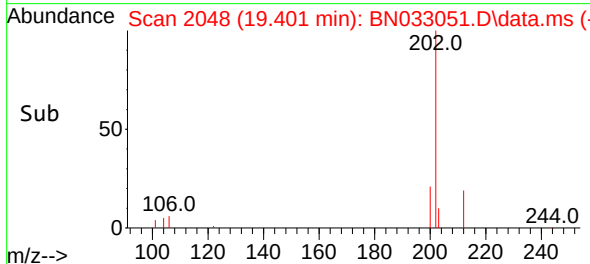
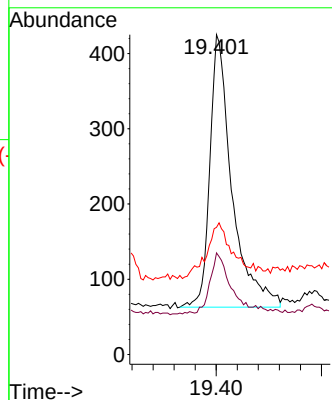
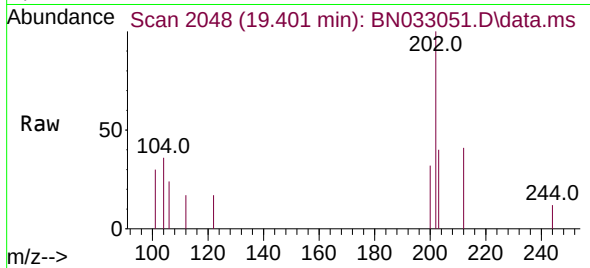
#30
Pyrene
Concen: 0.025 ng
RT: 19.401 min Scan# 2038
Delta R.T. 0.012 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718

Tgt Ion:202 Resp: 1054
Ion Ratio Lower Upper
202 100
200 19.6 16.6 25.0
203 23.5 14.8 22.2

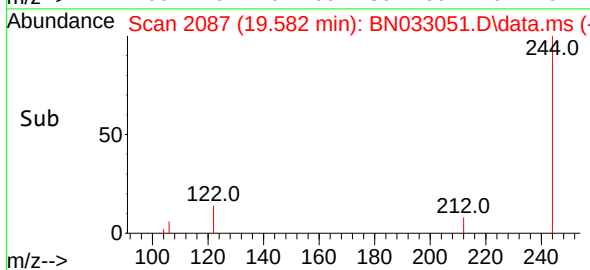
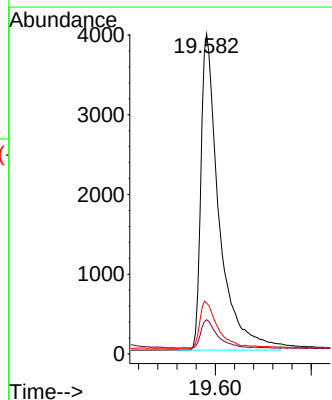
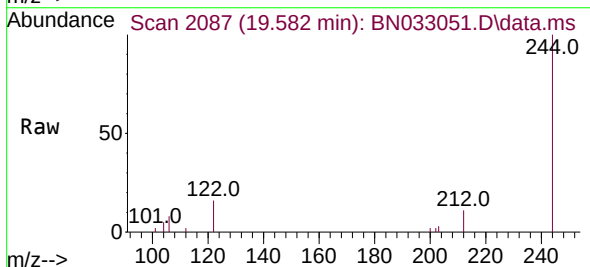
Manual Integrations
APPROVED

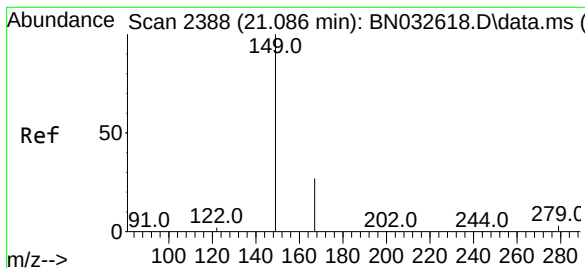
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#31
Terphenyl-d14
Concen: 0.494 ng
RT: 19.582 min Scan# 2087
Delta R.T. -0.011 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

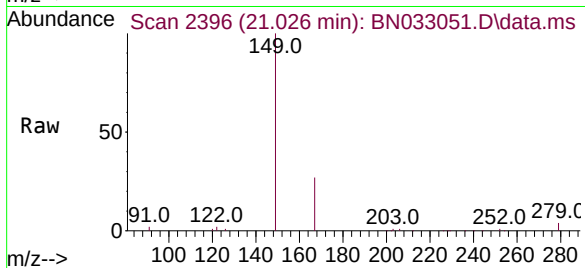
Tgt Ion:244 Resp: 10407
Ion Ratio Lower Upper
244 100
212 10.7 7.5 11.3
122 15.9 12.6 19.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 1.666 ng m
RT: 21.026 min Scan# 2100
Delta R.T. -0.024 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

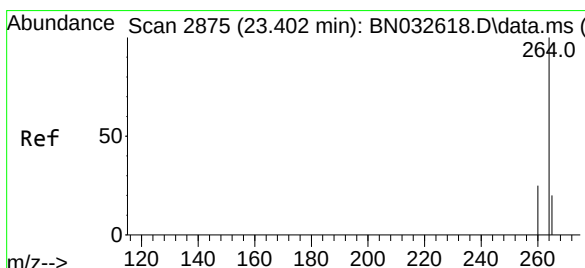
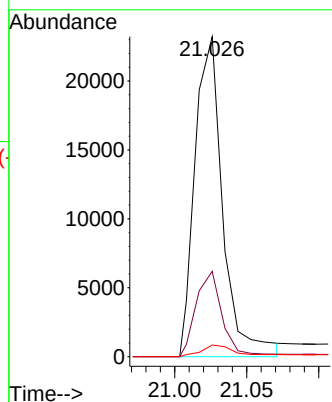
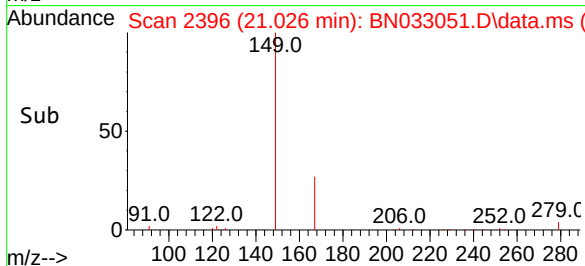
Instrument :
BNA_N
ClientSampleId :
BP-VPB-196-EB-20240718



Tgt Ion:149 Resp: 3000
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.2
279 4.9 2.8 4.2

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.367 min Scan# 2879
Delta R.T. 0.009 min
Lab File: BN033051.D
Acq: 28 Jul 2024 02:16

Tgt Ion:264 Resp: 10233
Ion Ratio Lower Upper
264 100
260 26.9 20.9 31.3
265 119.9 85.4 128.2

