

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018282.D
 Acq On : 30 Dec 2021 05:02
 Operator : CG/JU
 Sample : M5107-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 30 05:37:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 29 16:08:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	29924	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	125504	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	80543	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	153344	0.400	ng	0.00
29) Chrysene-d12	21.206	240	84712	0.400	ng	# 0.01
35) Perylene-d12	23.440	264	91060	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	104	0.002	ng	0.03
5) Phenol-d6	6.840	99	1916	0.033	ng	0.00
8) Nitrobenzene-d5	8.784	82	26777m	0.425	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	59471	0.282	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	228	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	90371	0.296	ng	0.00
27) Fluoranthene-d10	19.038	212	116300	0.238	ng	0.00
31) Terphenyl-d14	19.644	244	83689	0.389	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.470	128	17408	0.056	ng	97
25) Phenanthrene	17.042	178	60070m	0.149	ng	
26) Anthracene	17.139	178	4099	0.054	ng	# 82
28) Fluoranthene	19.068	202	68774	0.145	ng	98
30) Pyrene	19.430	202	69378	0.209	ng	98
32) Benzo(a)anthracene	21.185	228	15452	0.113	ng	# 1
33) Chrysene	21.238	228	26515	0.097	ng	# 21
34) Bis(2-ethylhexyl)phtha...	21.132	149	817081	7.727	ng	# 98
37) Benzo(b)fluoranthene	22.772	252	23262m	0.080	ng	

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

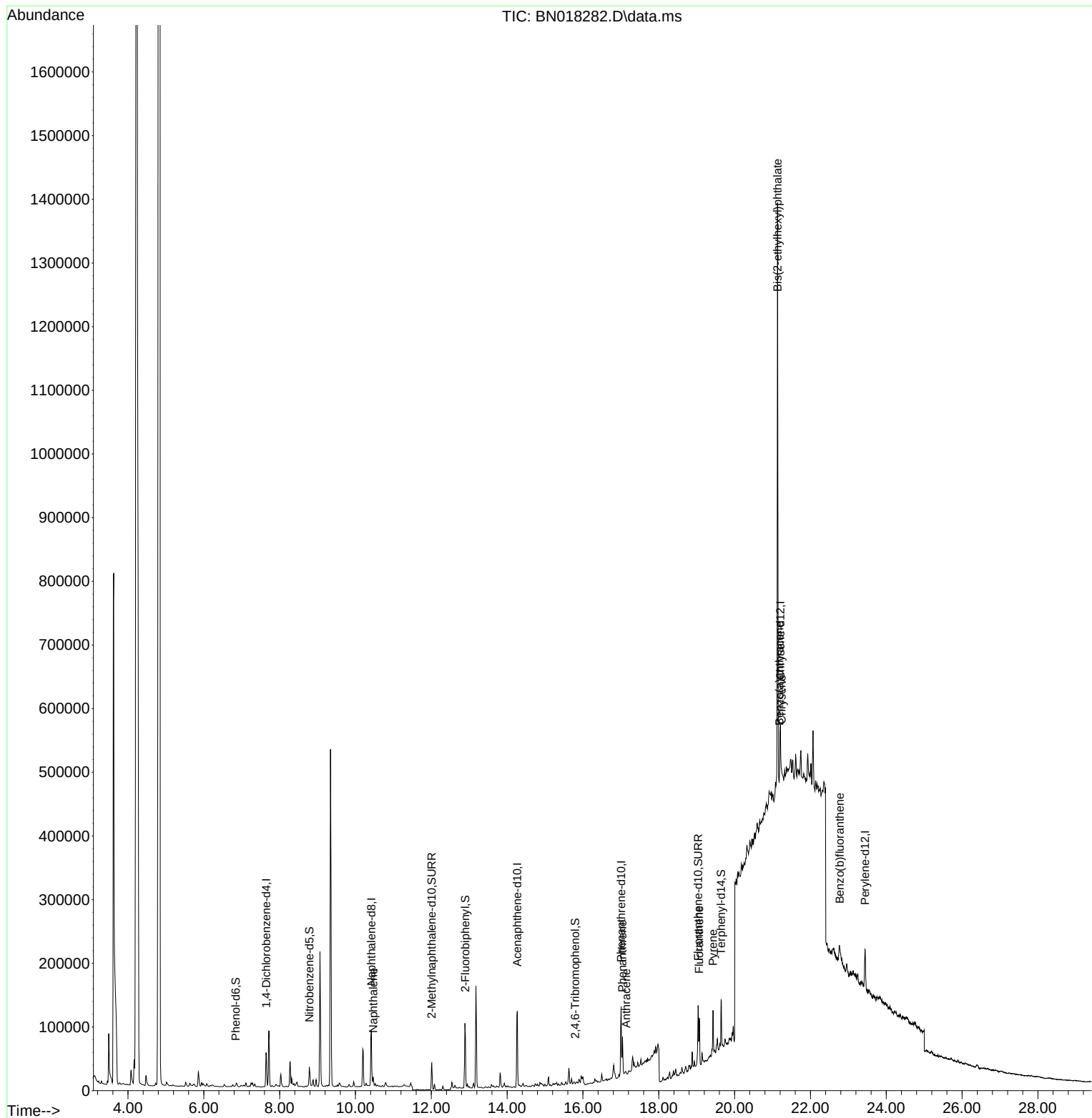
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018282.D
Acq On : 30 Dec 2021 05:02
Operator : CG/JU
Sample : M5107-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

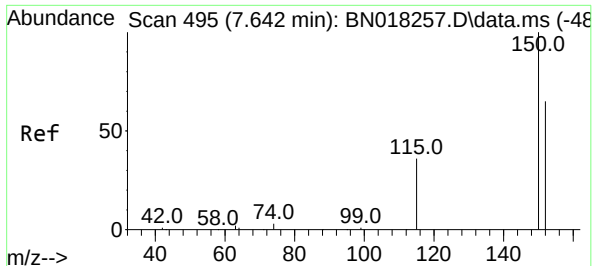
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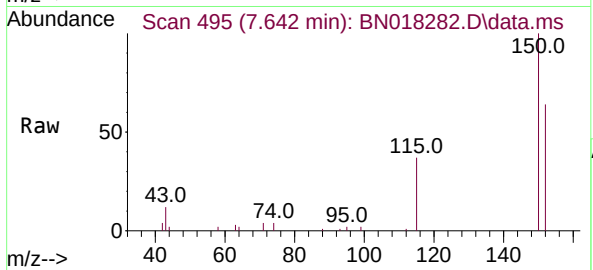
Quant Time: Dec 30 05:37:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

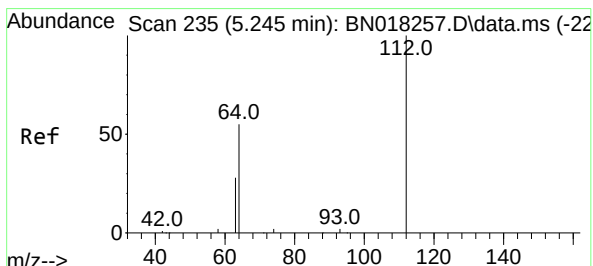
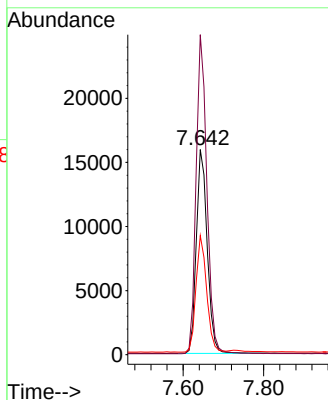
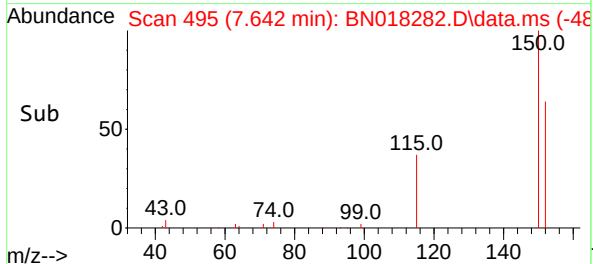
Instrument :
BNA_N
ClientSampleId :
OB-CS-10



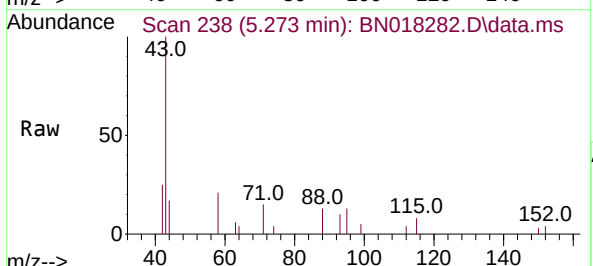
Tgt Ion:152 Resp: 29924
Ion Ratio Lower Upper
152 100
150 156.0 121.7 182.5
115 58.0 43.8 65.8

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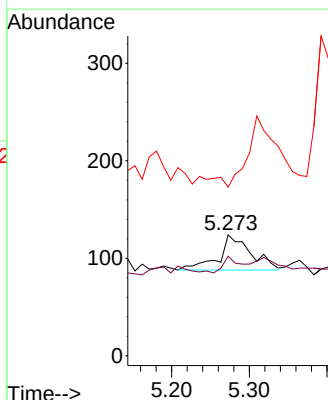
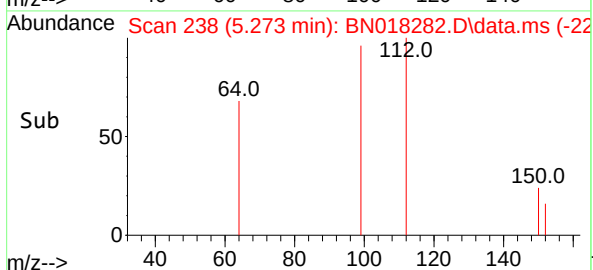
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

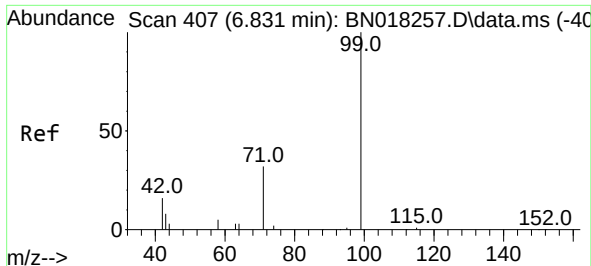


#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02



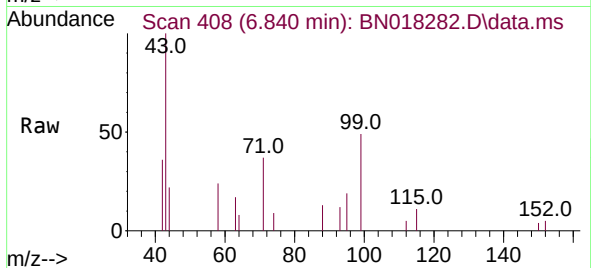
Tgt Ion:112 Resp: 104
Ion Ratio Lower Upper
112 100
64 22.1 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.033 ng
RT: 6.840 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

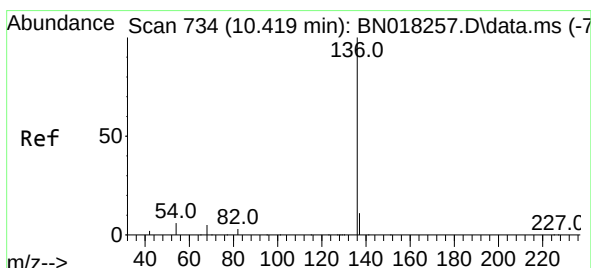
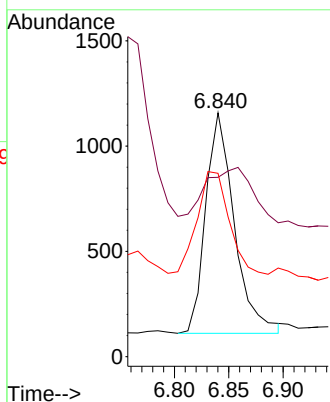
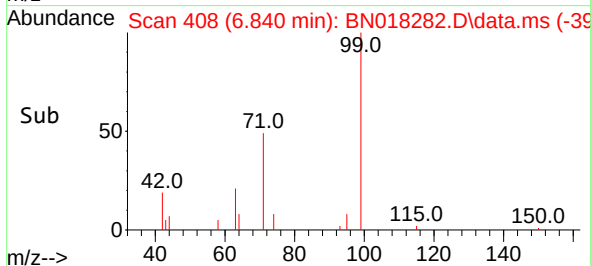
Instrument :
BNA_N
ClientSampleId :
OB-CS-10



Tgt Ion: 99 Resp: 1910
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 52.0 26.8 40.2

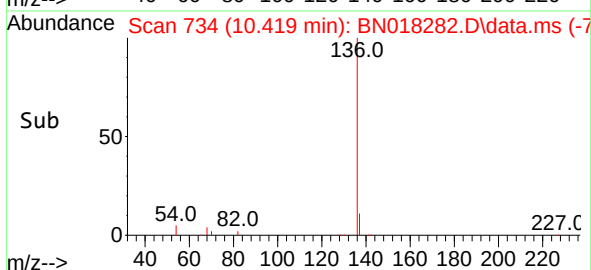
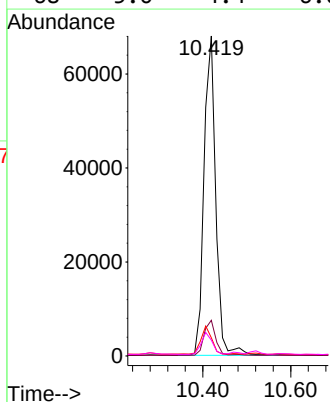
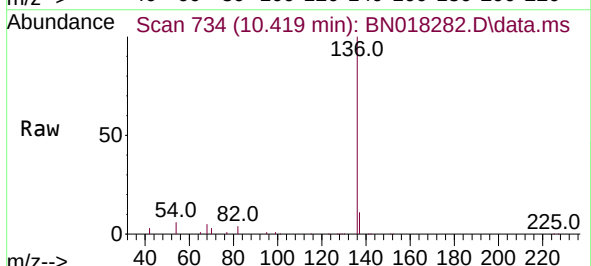
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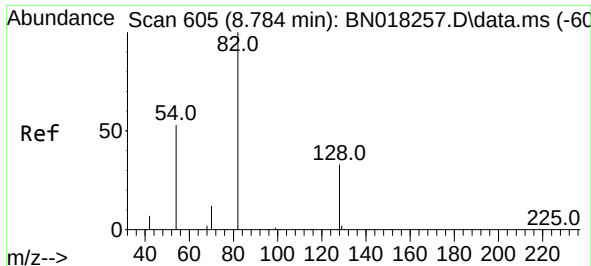
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Tgt Ion:136 Resp: 125504
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 5.7 5.0 7.6
68 5.0 4.4 6.6





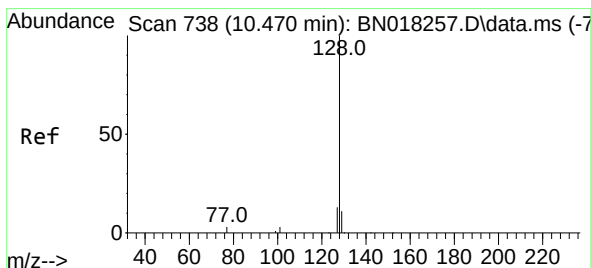
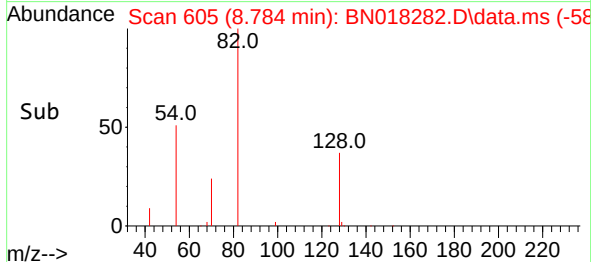
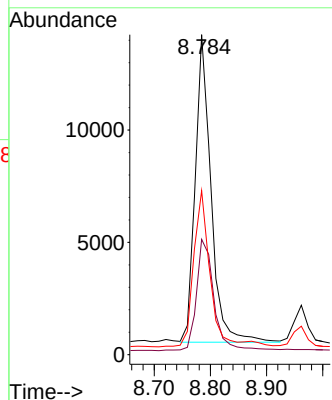
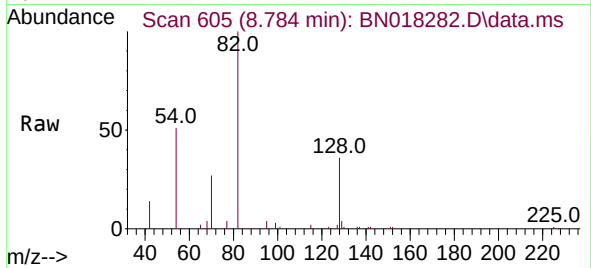
#8
Nitrobenzene-d5
Concen: 0.425 ng m
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Instrument :
BNA_N
ClientSampleId :
OB-CS-10

Tgt Ion: 82 Resp: 2677
Ion Ratio Lower Upper
82 100
128 36.1 33.7 50.5
54 51.3 36.6 55.0

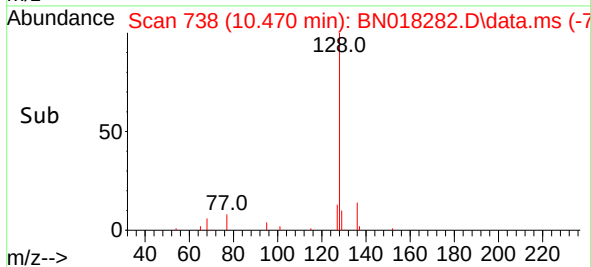
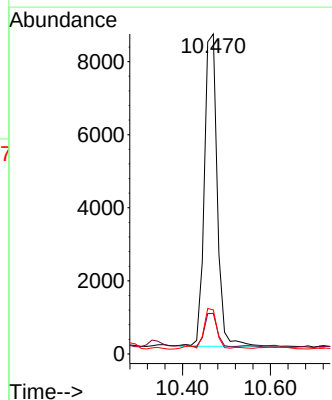
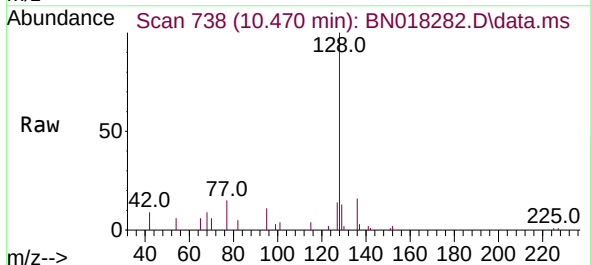
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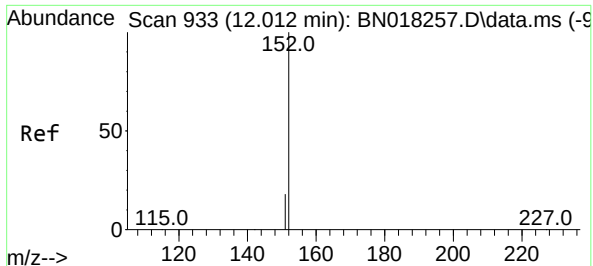
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.056 ng
RT: 10.470 min Scan# 738
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

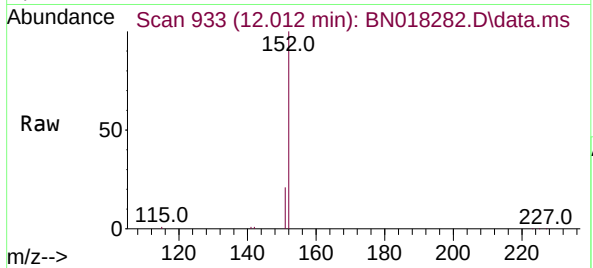
Tgt Ion:128 Resp: 17408
Ion Ratio Lower Upper
128 100
129 12.7 8.7 13.1
127 13.8 10.4 15.6





#11
2-Methylnaphthalene-d10
Concen: 0.282 ng
RT: 12.012 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

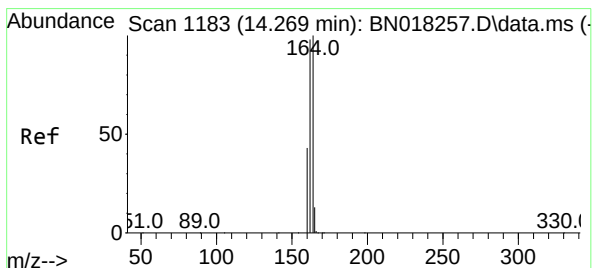
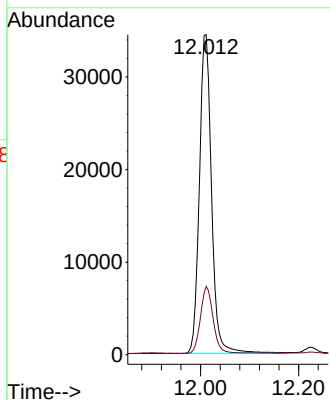
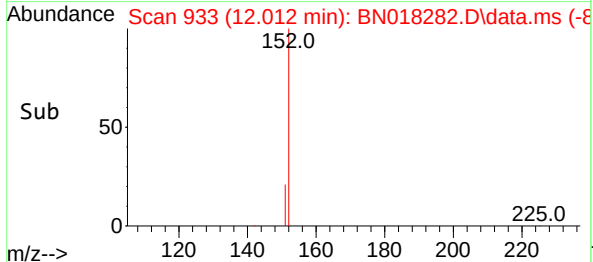
Instrument :
BNA_N
ClientSampleId :
OB-CS-10



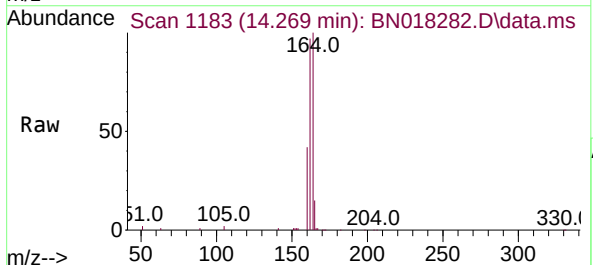
Tgt Ion:152 Resp: 5947
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2

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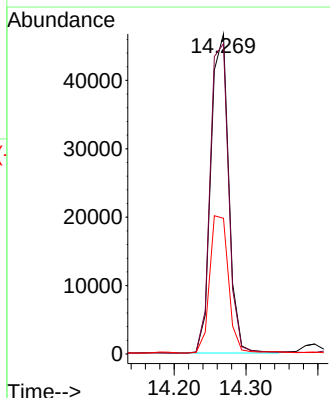
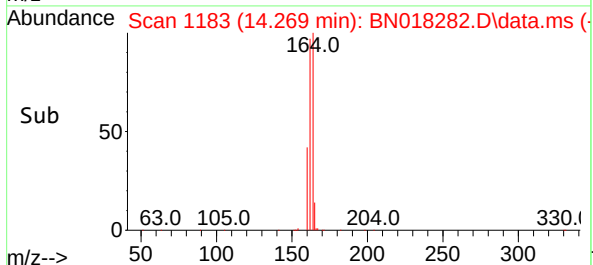
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

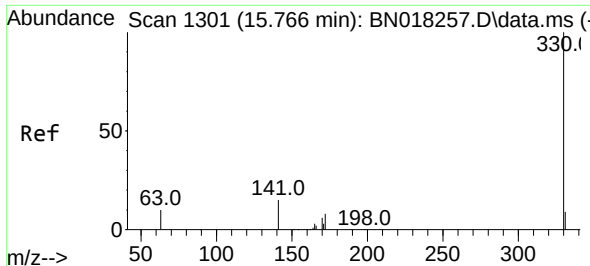


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02



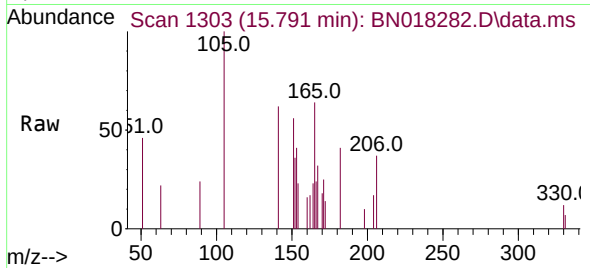
Tgt Ion:164 Resp: 80543
Ion Ratio Lower Upper
164 100
162 97.0 80.2 120.2
160 42.4 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

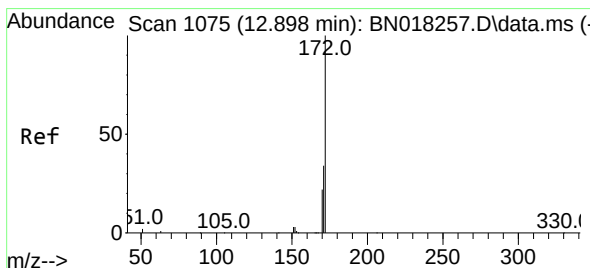
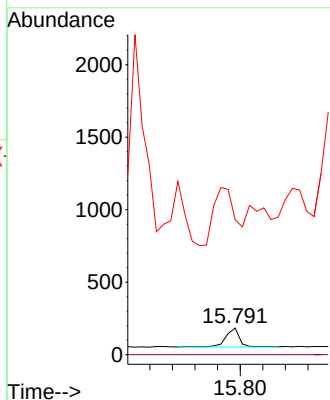
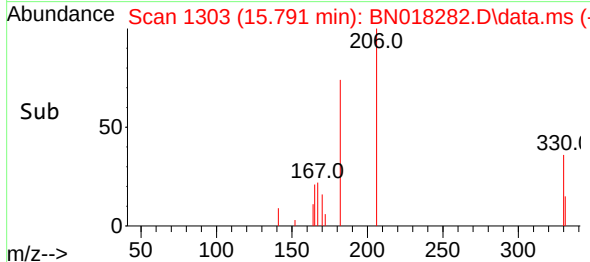
Instrument :
BNA_N
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Tgt Ion: 330 Resp: 228
Ion Ratio Lower Upper
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332 0.0 0.0 0.0
141 0.0 21.3 31.9

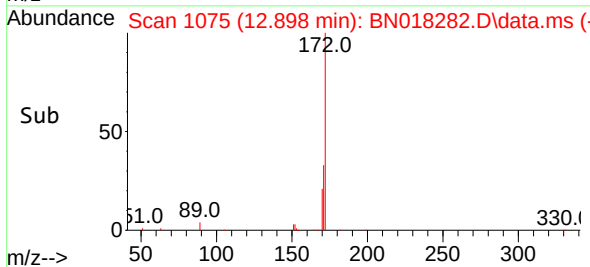
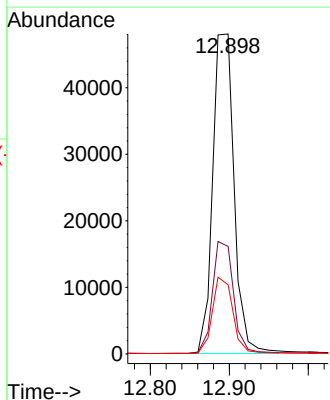
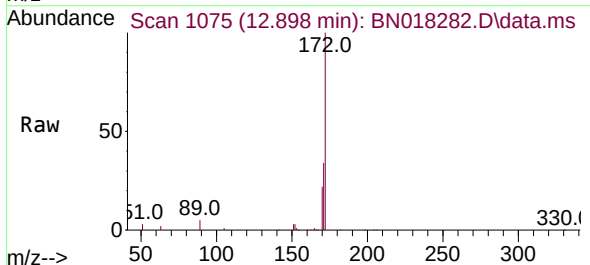
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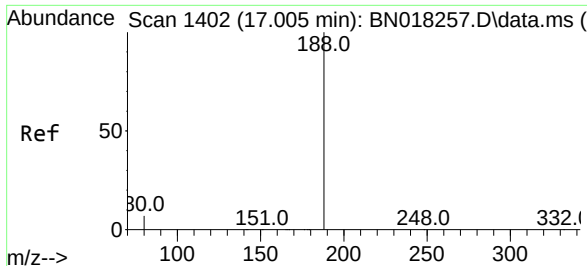
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

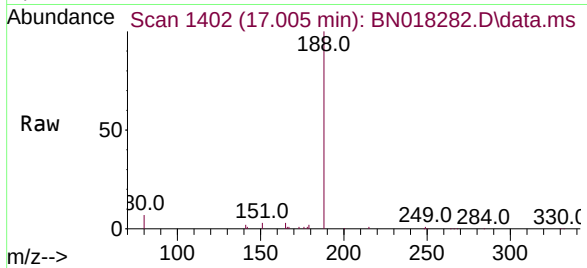
Tgt Ion: 172 Resp: 90371
Ion Ratio Lower Upper
172 100
171 33.6 27.4 41.0
170 21.6 18.4 27.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

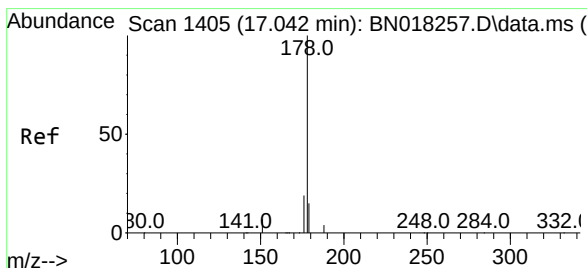
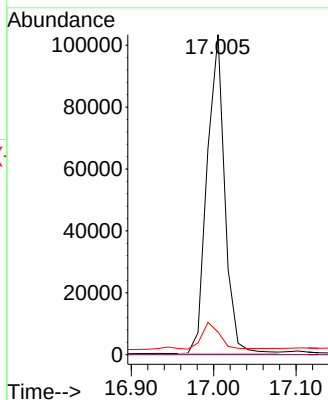
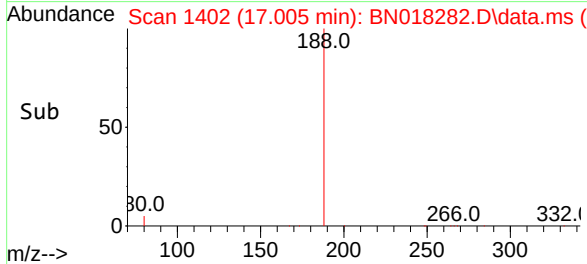
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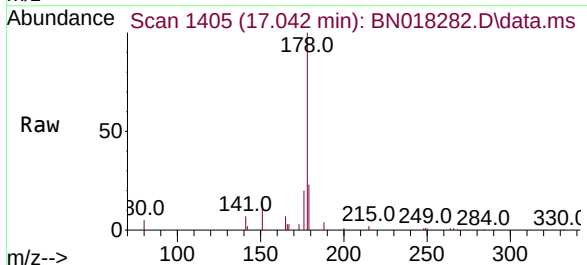
Tgt Ion:188 Resp: 153344
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 7.0 10.4

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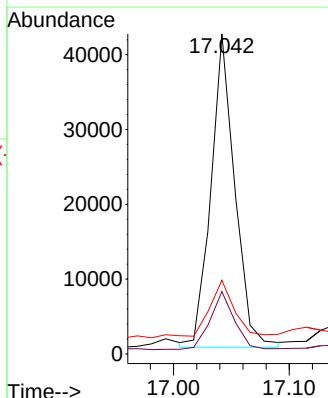
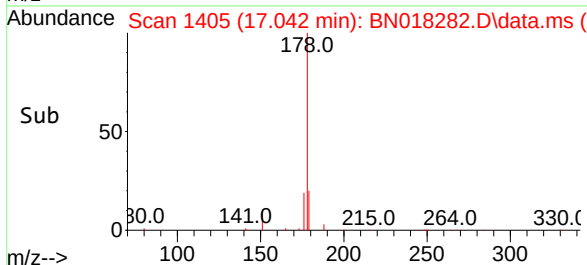
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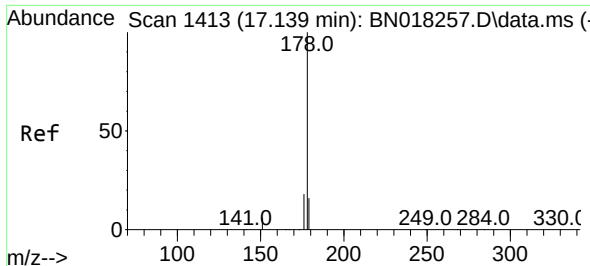


#25
Phenanthrene
Concen: 0.149 ng m
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02



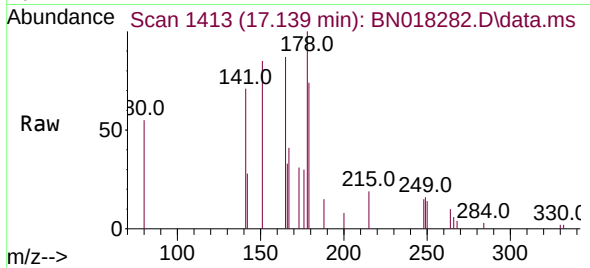
Tgt Ion:178 Resp: 60070
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 26.1 12.3 18.5





#26
 Anthracene
 Concen: 0.054 ng
 RT: 17.139 min Scan# 1413
 Delta R.T. 0.000 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

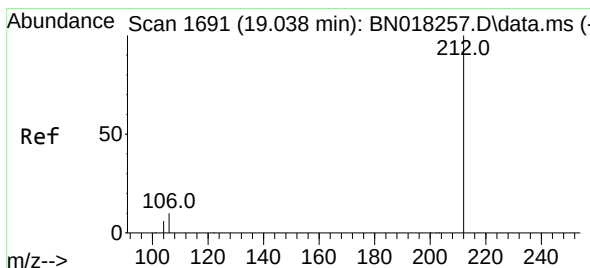
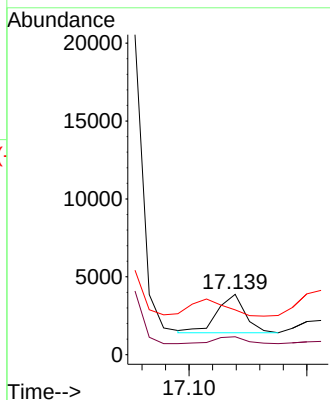
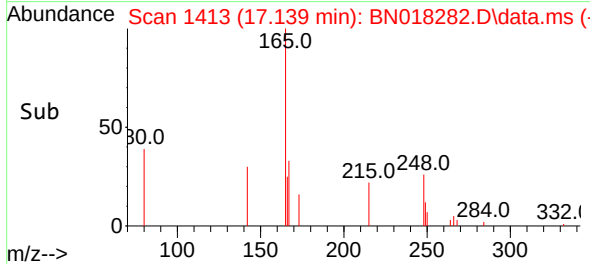
Instrument :
 BNA_N
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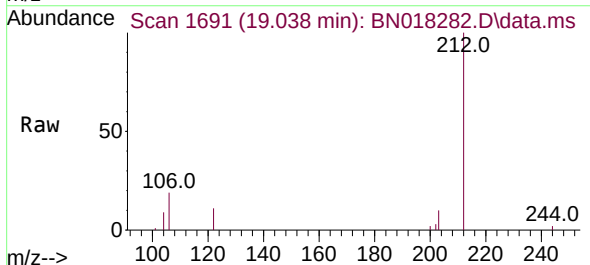
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 Ion Ratio Lower Upper
 178 100
 176 20.0 14.8 22.2
 179 0.0 12.2 18.4

Manual Integrations
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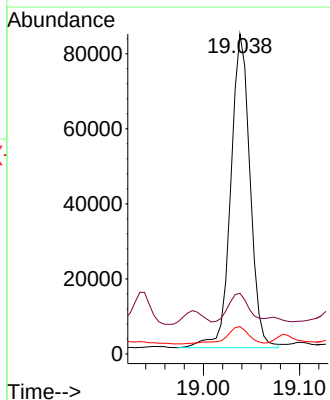
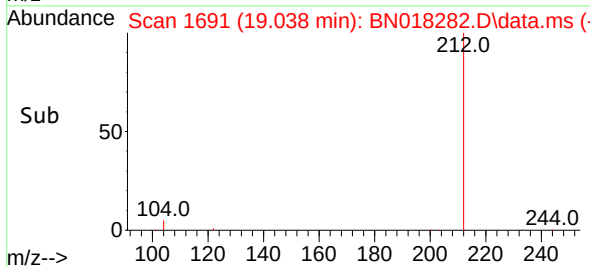
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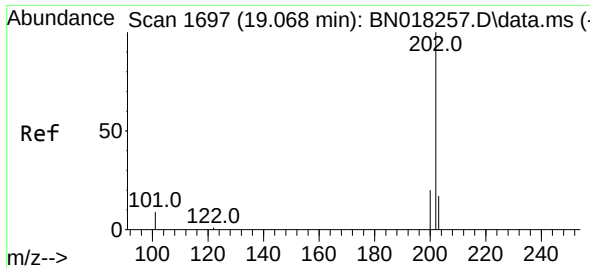


#27
 Fluoranthene-d10
 Concen: 0.238 ng
 RT: 19.038 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02



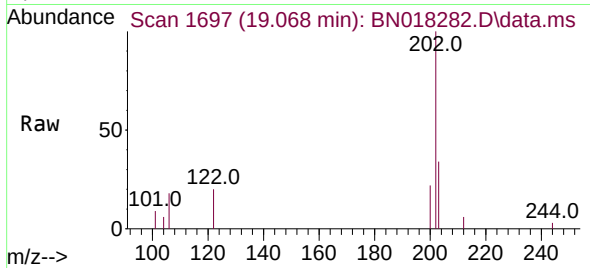
Tgt Ion:212 Resp: 116300
 Ion Ratio Lower Upper
 212 100
 106 9.5 8.4 12.6
 104 6.3 4.5 6.7





#28
Fluoranthene
Concen: 0.145 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

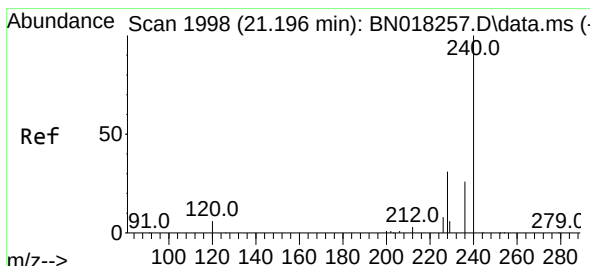
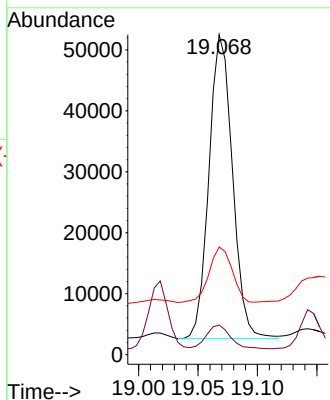
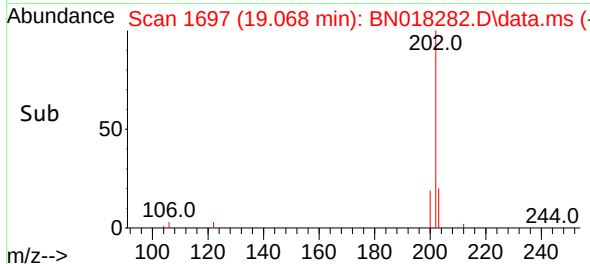
Instrument :
BNA_N
ClientSampleId :
OB-CS-10



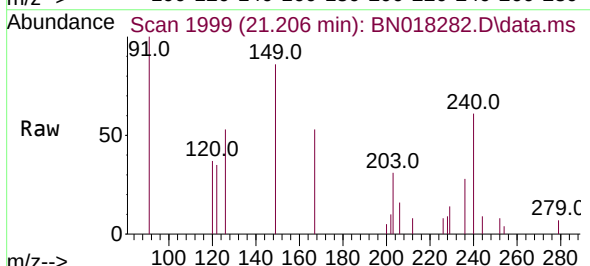
Tgt Ion:202 Resp: 68774
Ion Ratio Lower Upper
202 100
101 7.8 7.2 10.8
203 17.8 13.7 20.5

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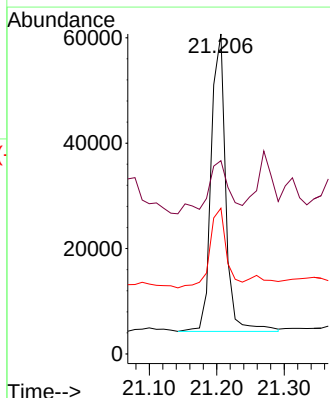
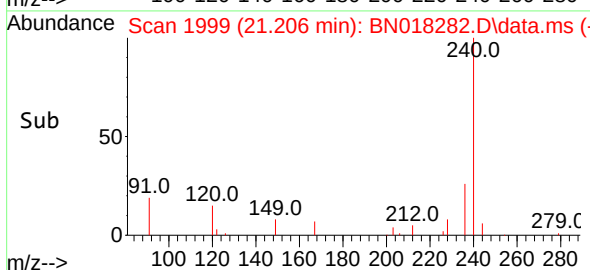
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

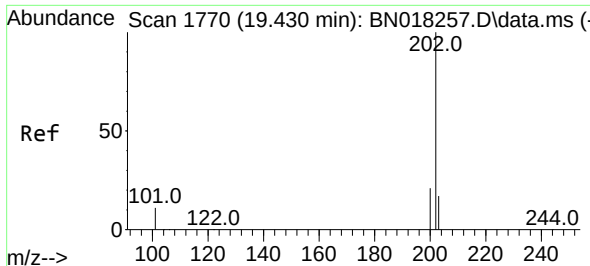


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.206 min Scan# 1999
Delta R.T. 0.010 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02



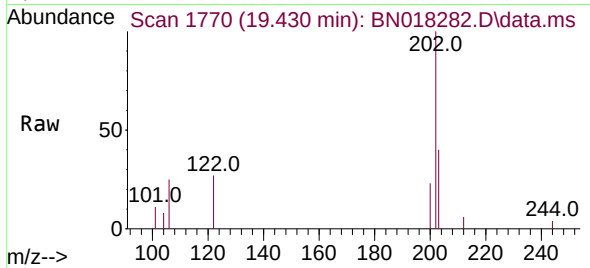
Tgt Ion:240 Resp: 84712
Ion Ratio Lower Upper
240 100
120 60.4 6.0 9.0#
236 45.5 21.4 32.2#





#30
Pyrene
Concen: 0.209 ng
RT: 19.430 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

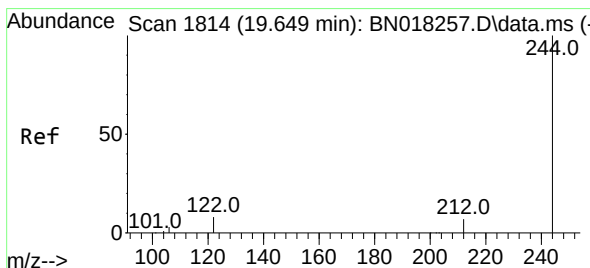
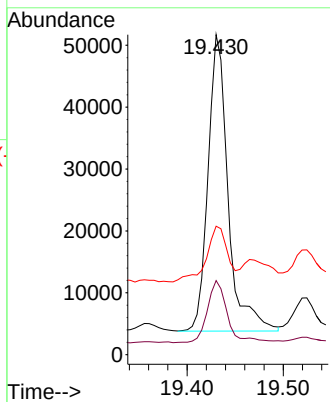
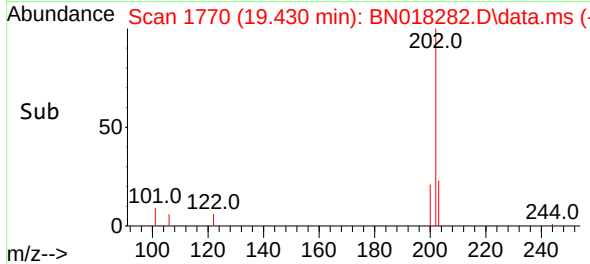
Instrument :
BNA_N
ClientSampleId :
OB-CS-10



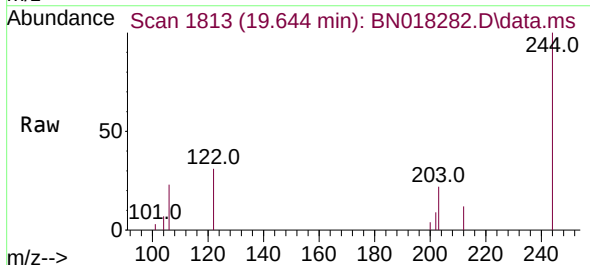
Tgt Ion:202 Resp: 69378
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 19.3 14.1 21.1

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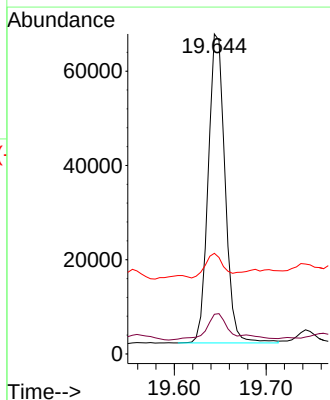
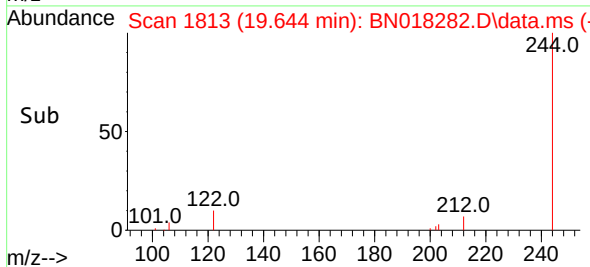
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

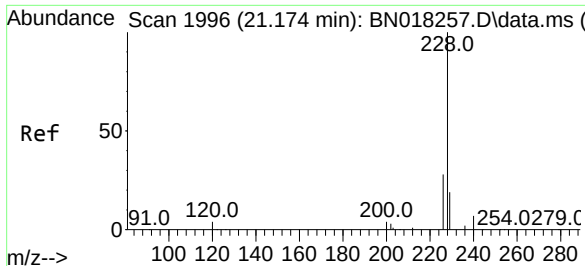


#31
Terphenyl-d14
Concen: 0.389 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02



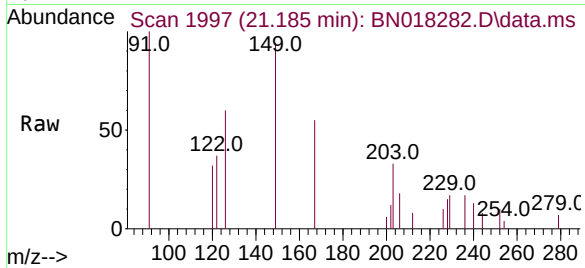
Tgt Ion:244 Resp: 83689
Ion Ratio Lower Upper
244 100
212 12.4 6.2 9.2#
122 31.4 7.9 11.9#





#32
Benzo(a)anthracene
Concen: 0.113 ng
RT: 21.185 min Scan# 1996
Delta R.T. 0.011 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

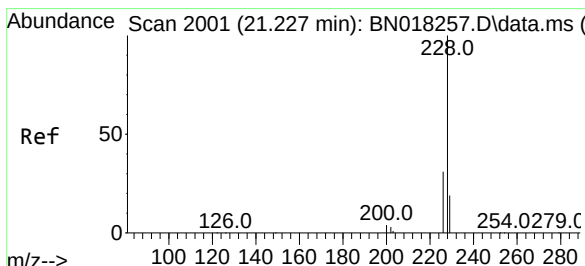
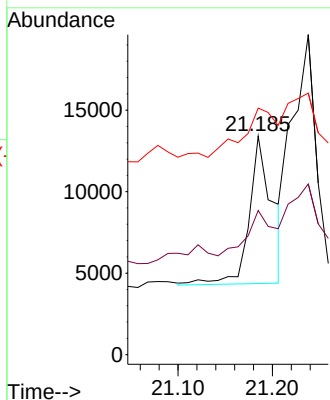
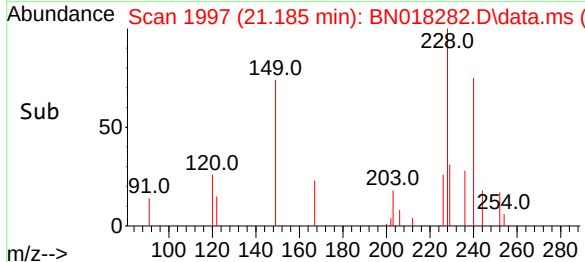
Instrument :
BNA_N
ClientSampleId :
OB-CS-10



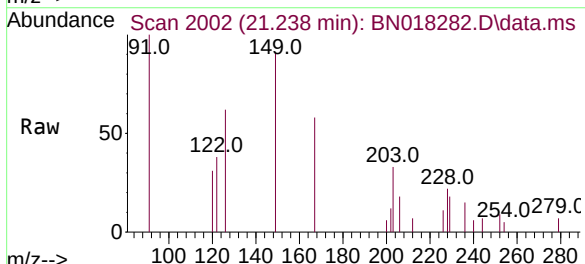
Tgt Ion:228 Resp: 15452
Ion Ratio Lower Upper
228 100
226 66.0 21.3 31.9#
229 112.8 15.9 23.9#

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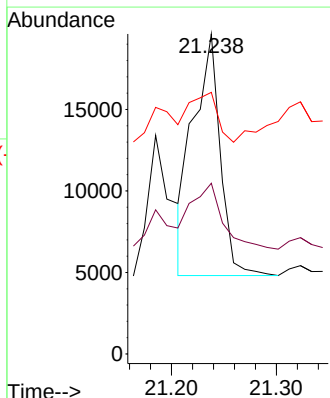
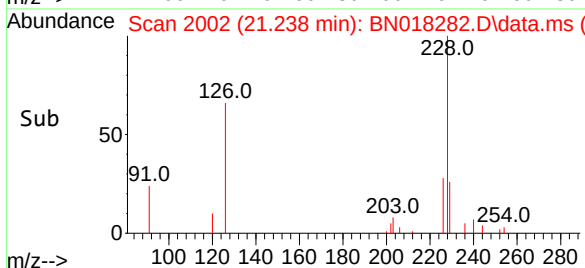
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

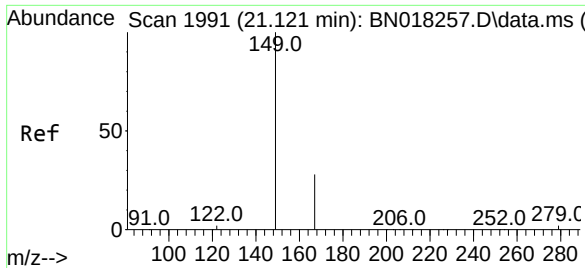


#33
Chrysene
Concen: 0.097 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.011 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02



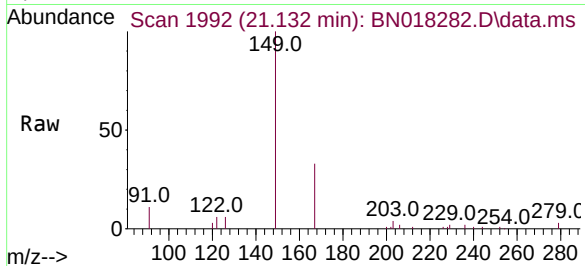
Tgt Ion:228 Resp: 26515
Ion Ratio Lower Upper
228 100
226 53.3 24.2 36.4#
229 81.7 15.5 23.3#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 7.727 ng
 RT: 21.132 min Scan# 1992
 Delta R.T. 0.011 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02

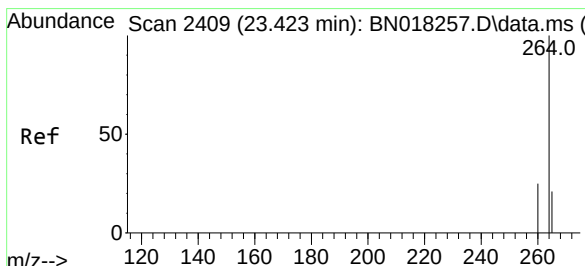
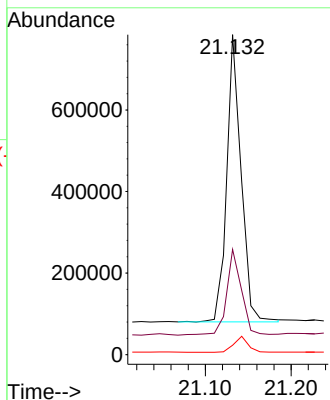
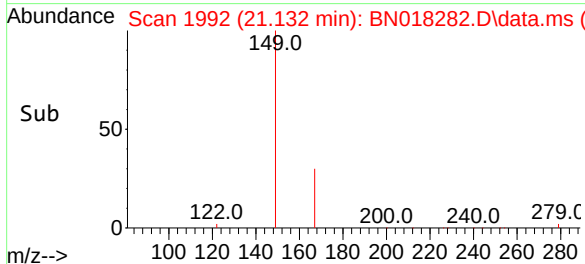
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-10



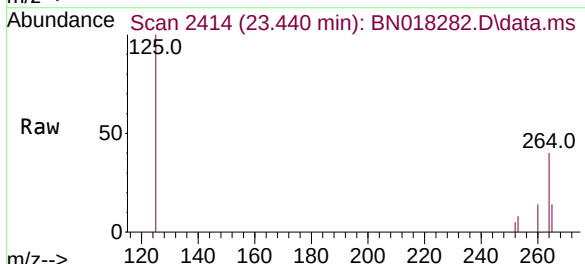
Tgt Ion:149 Resp: 81708
 Ion Ratio Lower Upper
 149 100
 167 30.8 23.7 35.5
 279 5.5 3.6 5.4

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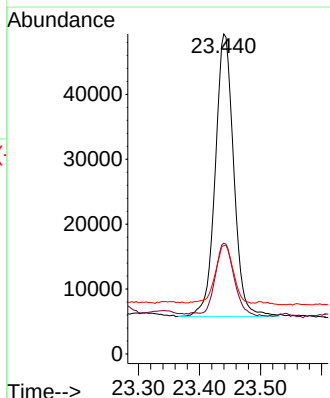
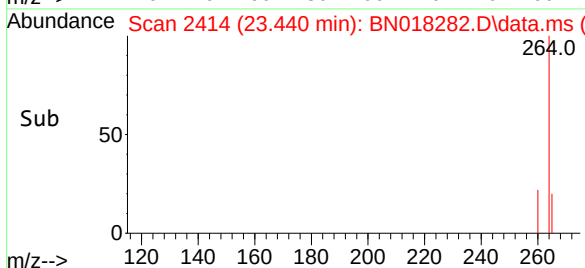
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

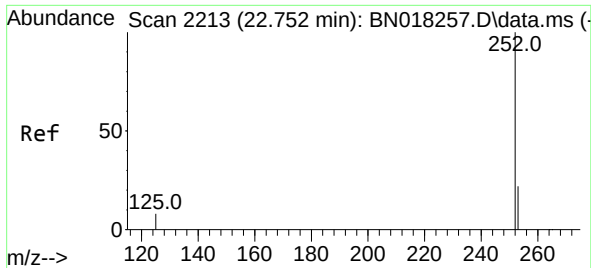


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.440 min Scan# 2414
 Delta R.T. 0.017 min
 Lab File: BN018282.D
 Acq: 30 Dec 2021 05:02



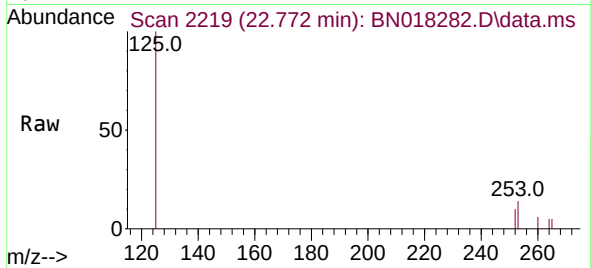
Tgt Ion:264 Resp: 91060
 Ion Ratio Lower Upper
 264 100
 260 34.6 20.2 30.4#
 265 33.9 18.2 27.2#





#37
Benzo(b)fluoranthene
Concen: 0.080 ng m
RT: 22.772 min Scan# 21
Delta R.T. 0.020 min
Lab File: BN018282.D
Acq: 30 Dec 2021 05:02

Instrument :
BNA_N
ClientSampleId :
OB-CS-10



Tgt Ion:252 Resp: 2326
Ion Ratio Lower Upper
252 100
253 140.1 17.8 26.6
125 1014.5 6.0 9.0

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Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

