

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
 Data File : BN018279.D
 Acq On : 30 Dec 2021 03:14
 Operator : CG/JU
 Sample : M5107-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 05:00:08 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	27214	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	115504	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	74822	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	133199	0.400	ng	0.00
29) Chrysene-d12	21.195	240	82576	0.400	ng	# 0.00
35) Perylene-d12	23.436	264	91442	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	77	0.001	ng	0.04
5) Phenol-d6	6.849	99	185	0.004	ng	0.02
8) Nitrobenzene-d5	8.784	82	21794m	0.391	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	48677	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	158	0.309	ng	0.03
15) 2-Fluorobiphenyl	12.898	172	72869	0.257	ng	0.00
27) Fluoranthene-d10	19.038	212	94431	0.223	ng	0.00
31) Terphenyl-d14	19.649	244	66581	0.317	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.457	128	160619	0.562	ng	99
12) 2-Methylnaphthalene	12.083	142	85543	0.467	ng	99
25) Phenanthrene	17.042	178	105686m	0.301	ng	
26) Anthracene	17.139	178	4477	0.057	ng	# 79
28) Fluoranthene	19.068	202	88388	0.215	ng	97
30) Pyrene	19.430	202	68711	0.212	ng	98
32) Benzo(a)anthracene	21.185	228	14550	0.111	ng	# 1
33) Chrysene	21.238	228	38920	0.146	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.132	149	415818	4.034	ng	# 98
37) Benzo(b)fluoranthene	22.766	252	30764m	0.106	ng	

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

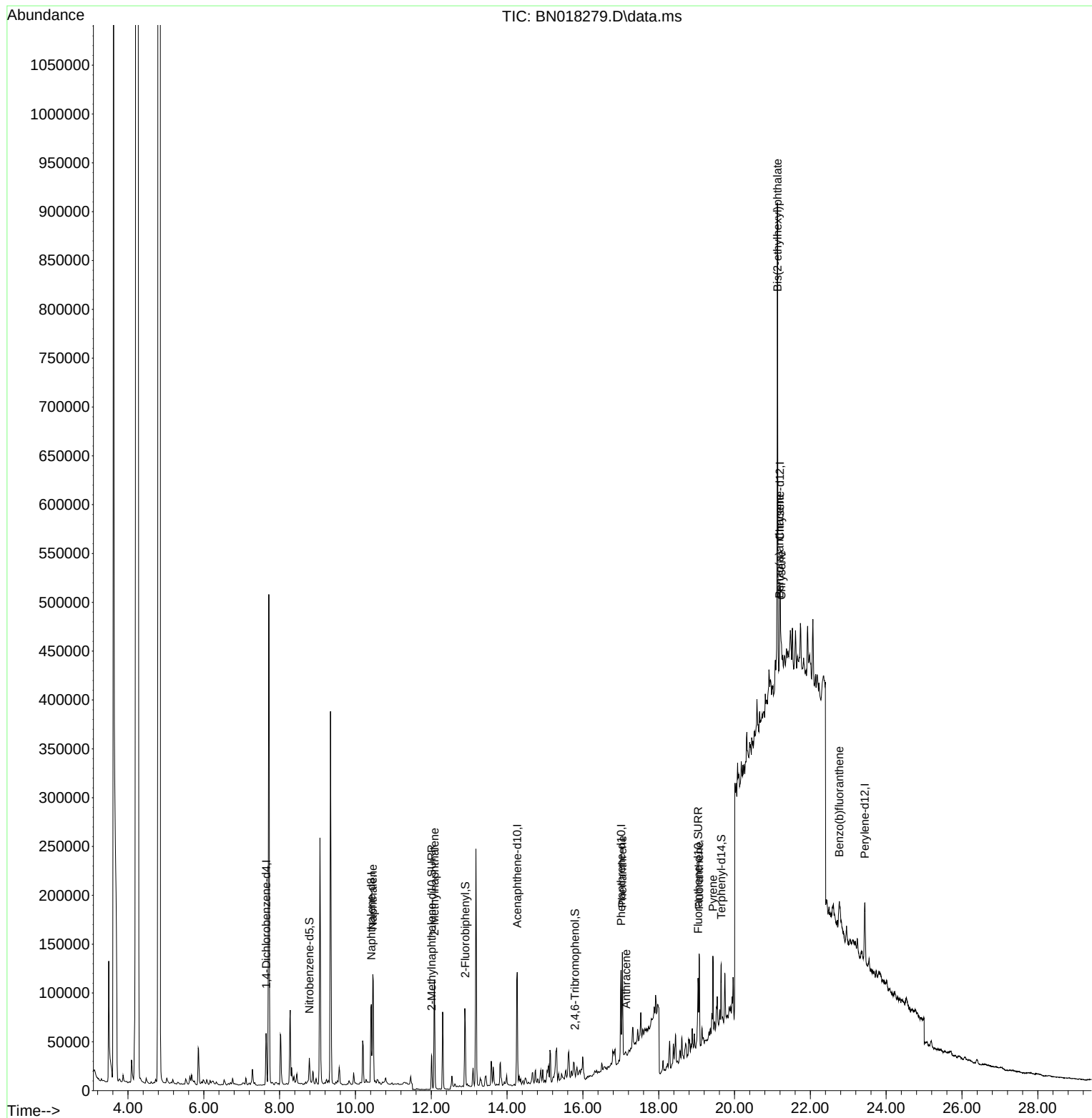
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018279.D
Acq On : 30 Dec 2021 03:14
Operator : CG/JU
Sample : M5107-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

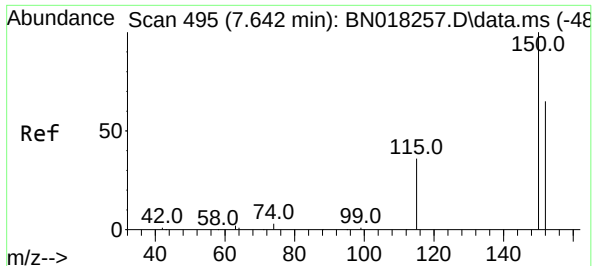
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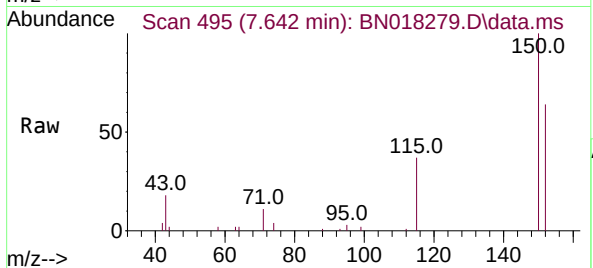
Quant Time: Dec 30 05:00:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

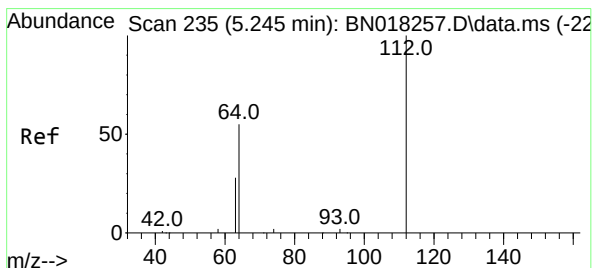
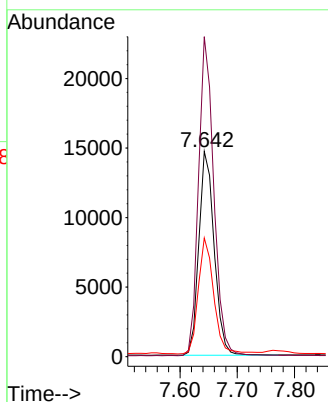
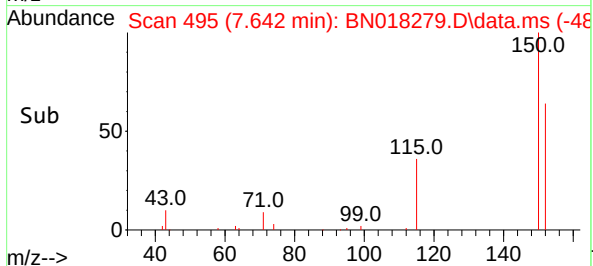
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



Tgt Ion:152 Resp: 27214
Ion Ratio Lower Upper
152 100
150 155.9 121.7 182.5
115 57.9 43.8 65.8

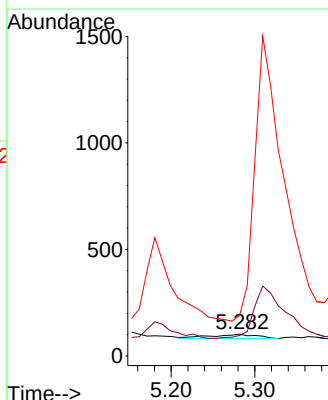
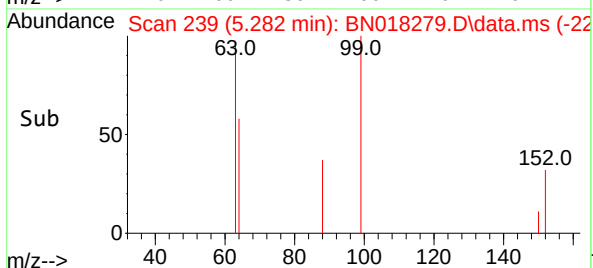
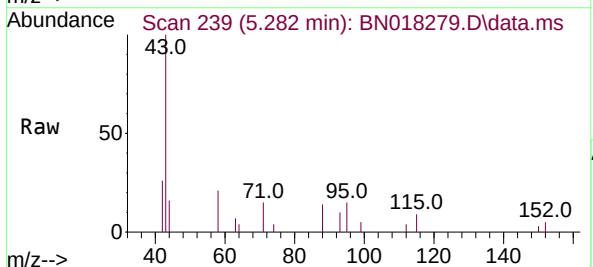
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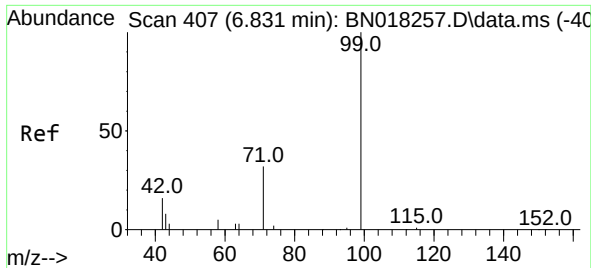
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.037 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

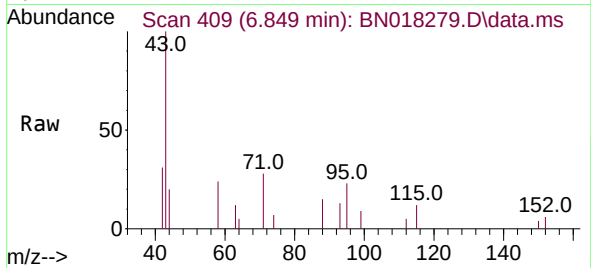
Tgt Ion:112 Resp: 77
Ion Ratio Lower Upper
112 100
64 0.0 48.0 72.0#
63 0.0 25.3 37.9#





#5
Phenol-d6
Concen: 0.004 ng
RT: 6.849 min Scan# 407
Delta R.T. 0.018 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

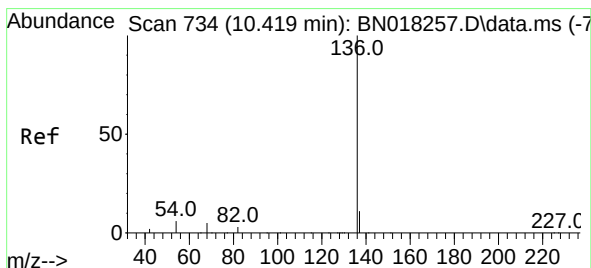
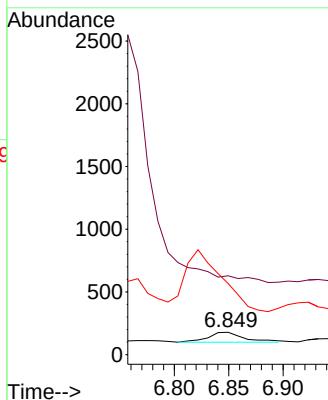
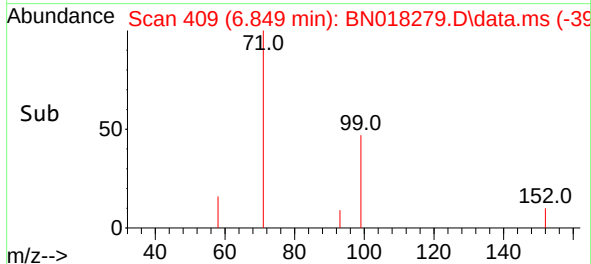
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



Tgt Ion: 99 Resp: 185
Ion Ratio Lower Upper
99 100
42 0.0 16.3 24.5
71 0.0 26.8 40.2

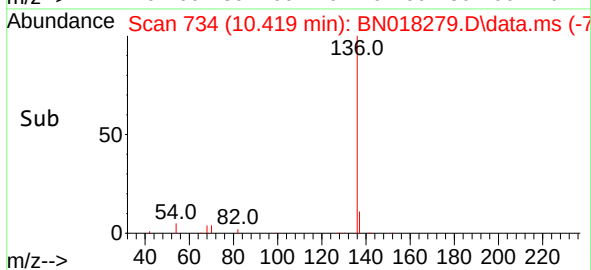
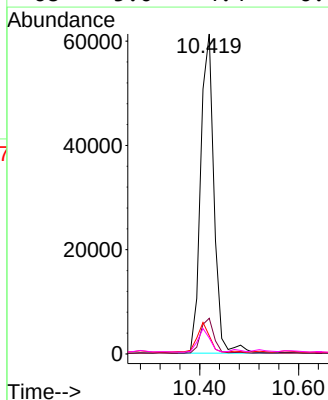
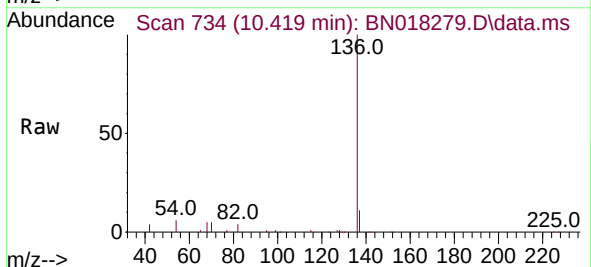
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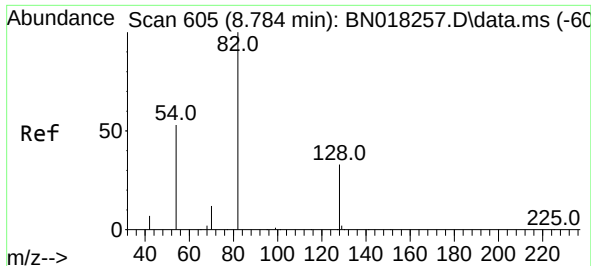
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 734
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Tgt Ion:136 Resp: 115504
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





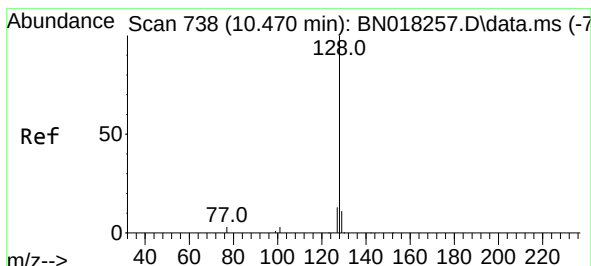
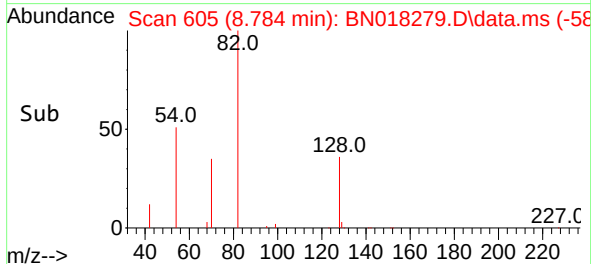
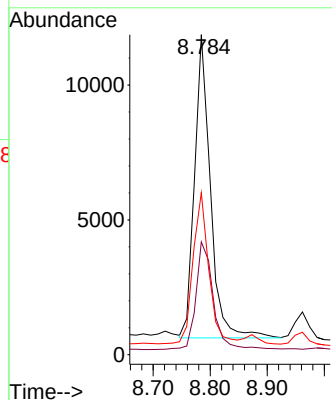
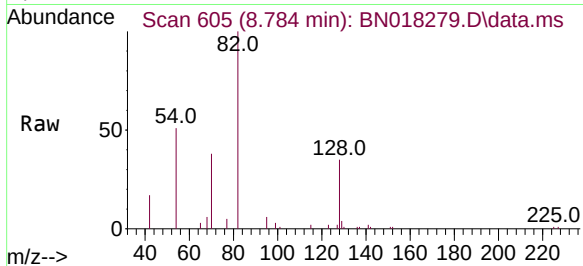
#8
Nitrobenzene-d5
Concen: 0.391 ng m
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

Instrument :
BNA_N
ClientSampleId :
OB-CS-07

Tgt Ion: 82 Resp: 21794
Ion Ratio Lower Upper
82 100
128 35.2 33.7 50.5
54 50.6 36.6 55.0

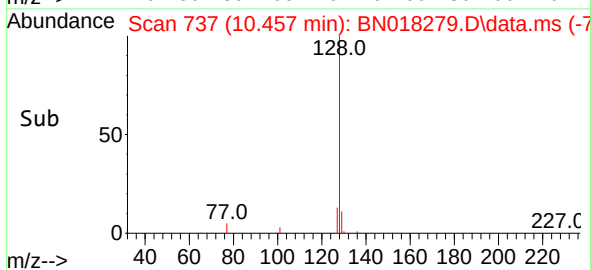
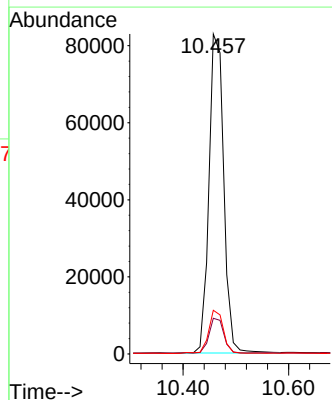
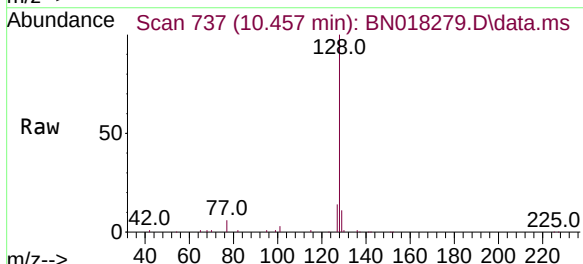
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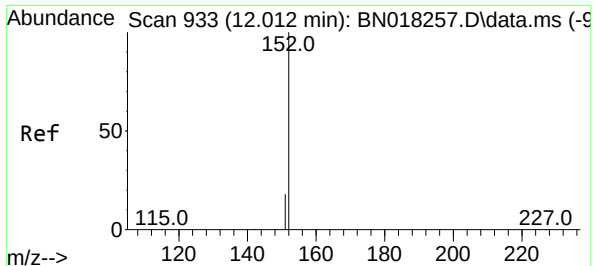
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#9
Naphthalene
Concen: 0.562 ng
RT: 10.457 min Scan# 737
Delta R.T. -0.013 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

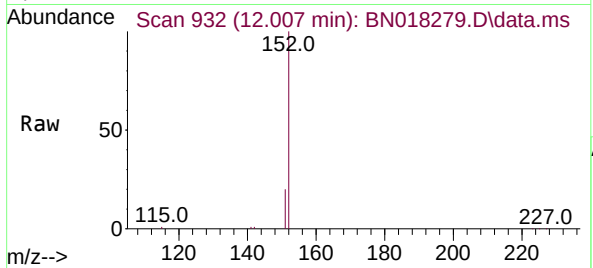
Tgt Ion:128 Resp: 160619
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.4 15.6





#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.007 min Scan# 911
Delta R.T. -0.005 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

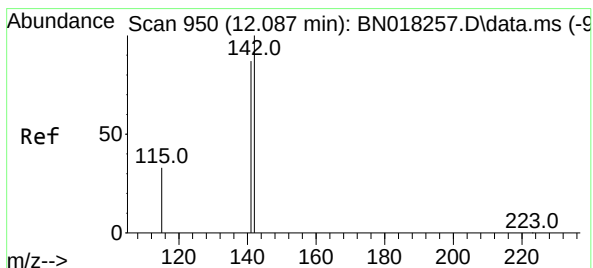
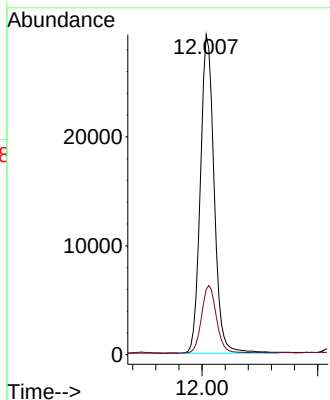
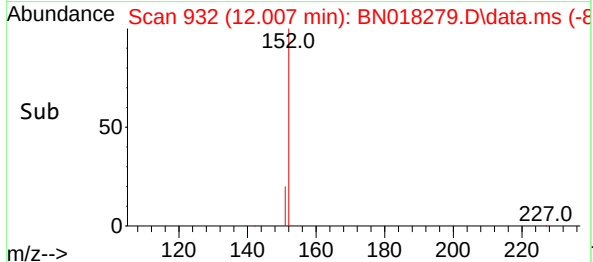
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



Tgt Ion:152 Resp: 4867
Ion Ratio Lower Upper
152 100
151 22.9 16.2 24.2

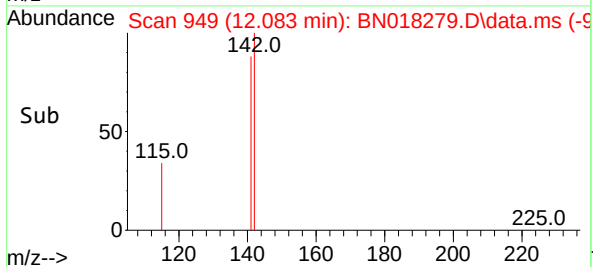
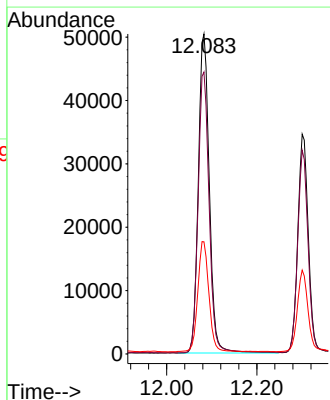
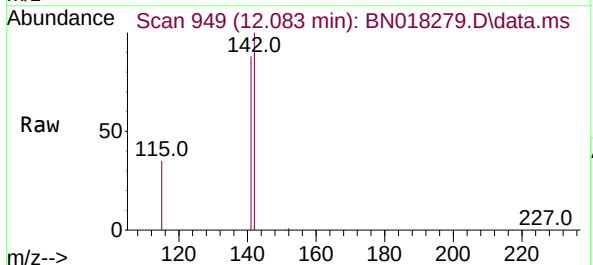
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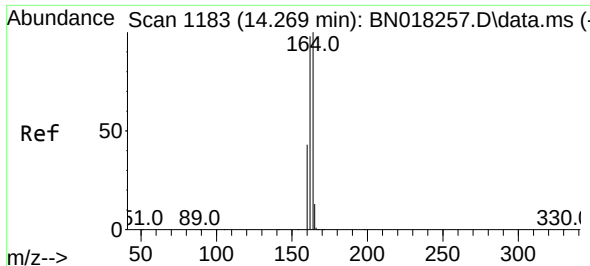
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021



#12
2-Methylnaphthalene
Concen: 0.467 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

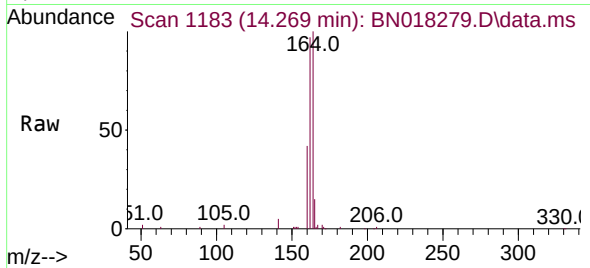
Tgt Ion:142 Resp: 85543
Ion Ratio Lower Upper
142 100
141 88.1 70.0 105.0
115 35.1 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

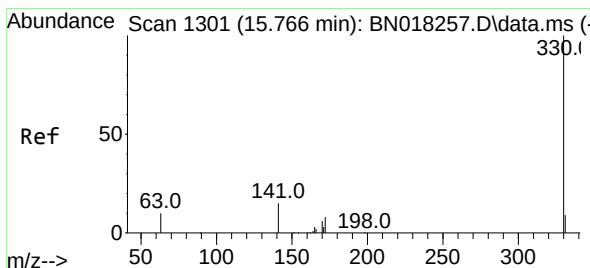
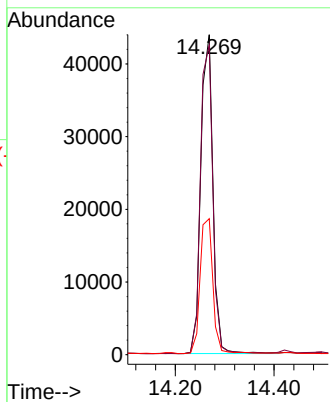
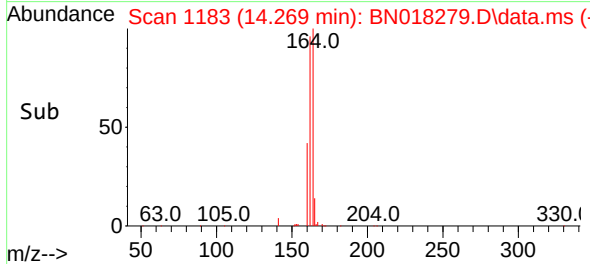
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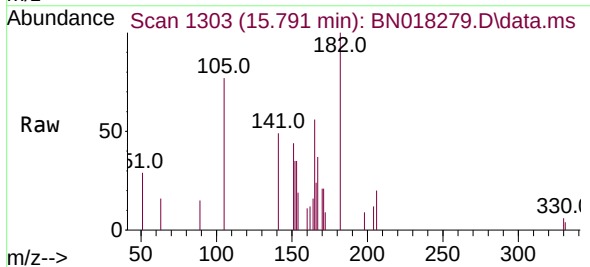
Tgt Ion:164 Resp: 7482
Ion Ratio Lower Upper
164 100
162 96.7 80.2 120.2
160 42.5 36.9 55.3

Manual Integrations
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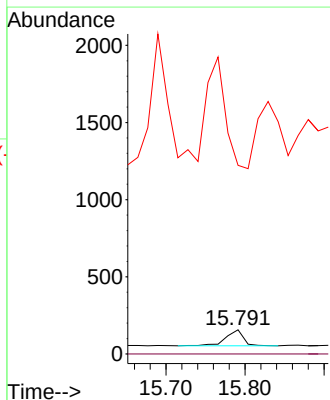
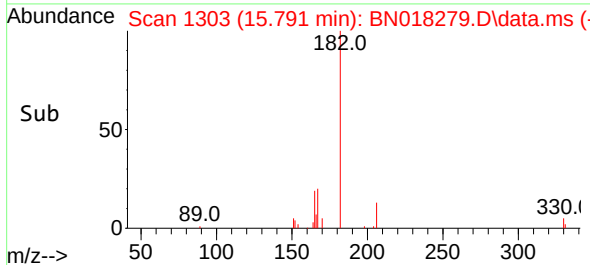
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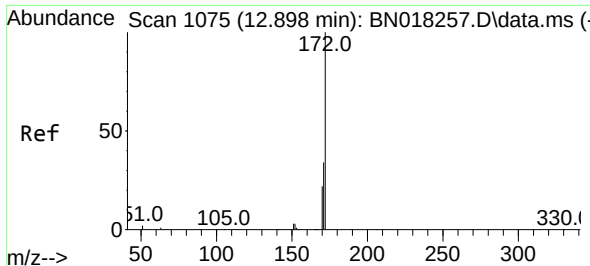


#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.791 min Scan# 1303
Delta R.T. 0.025 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



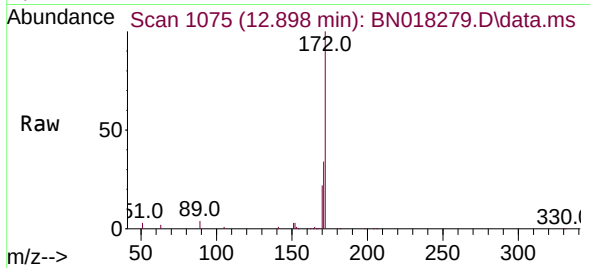
Tgt Ion:330 Resp: 158
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 0.0 21.3 31.9#





#15
2-Fluorobiphenyl
Concen: 0.257 ng
RT: 12.898 min Scan# 1075
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

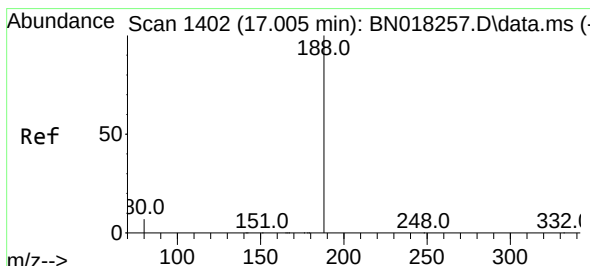
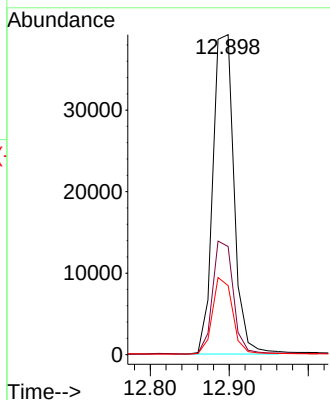
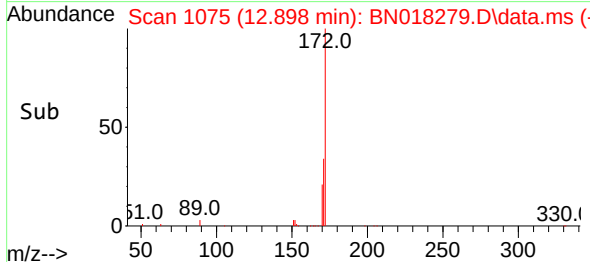
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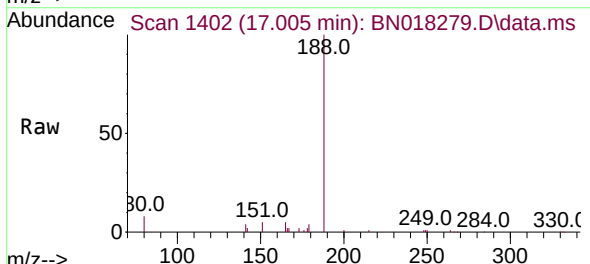
Tgt Ion:172 Resp: 72869
Ion Ratio Lower Upper
172 100
171 33.8 27.4 41.0
170 21.6 18.4 27.6

Manual Integrations
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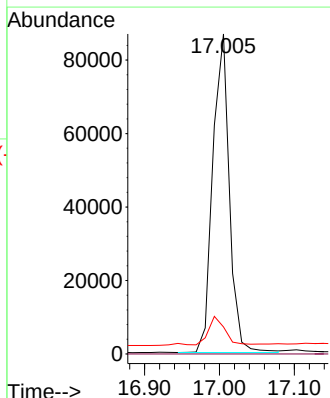
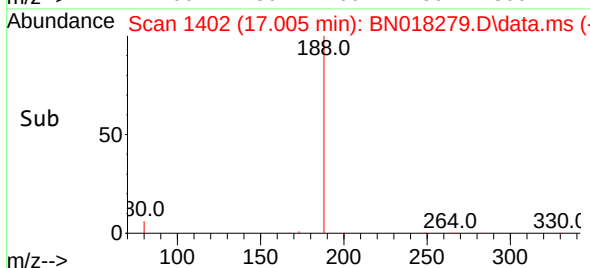
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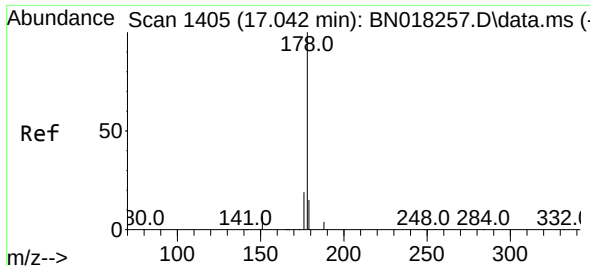


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



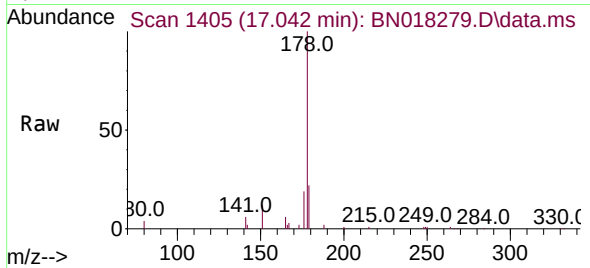
Tgt Ion:188 Resp: 133199
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.0 10.4





#25
Phenanthrene
Concen: 0.301 ng m
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

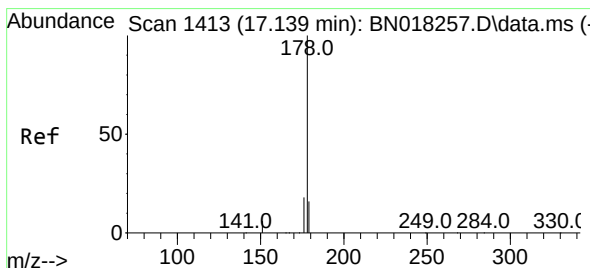
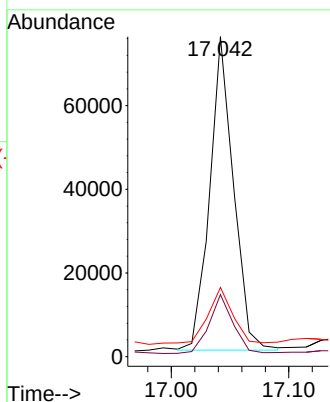
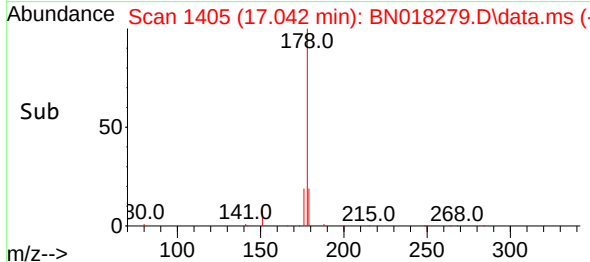
Instrument :
BNA_N
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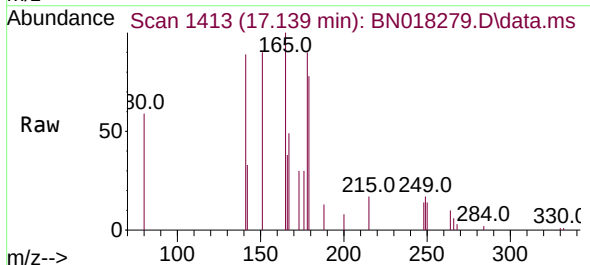
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Ion Ratio Lower Upper
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176 18.9 15.3 22.9
179 18.0 12.3 18.5

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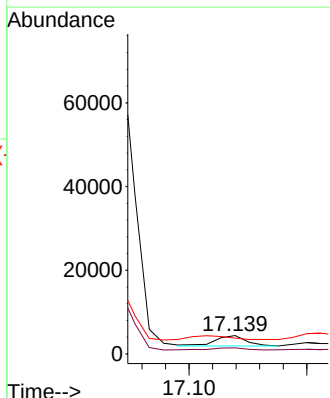
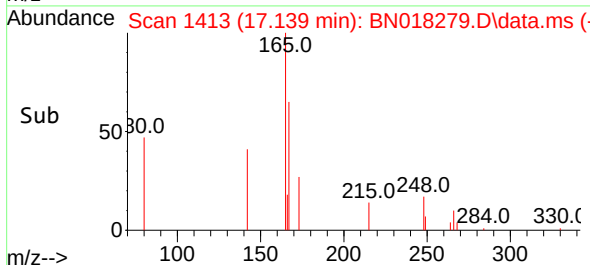
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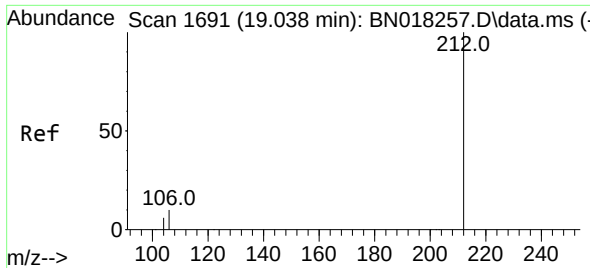


#26
Anthracene
Concen: 0.057 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



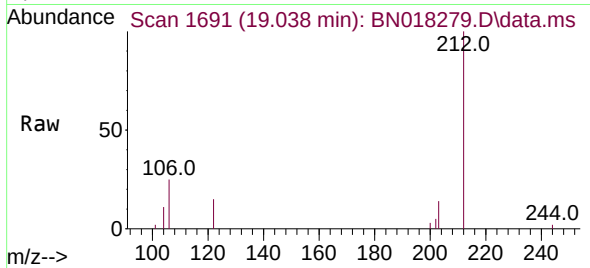
Tgt Ion:178 Resp: 4477
Ion Ratio Lower Upper
178 100
176 22.2 14.8 22.2#
179 0.0 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

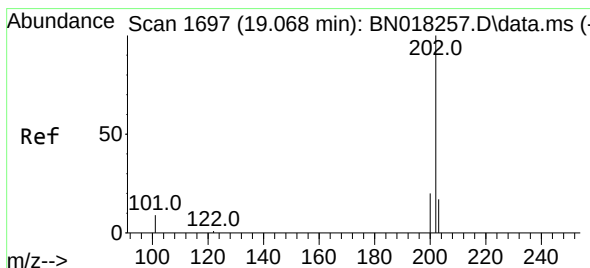
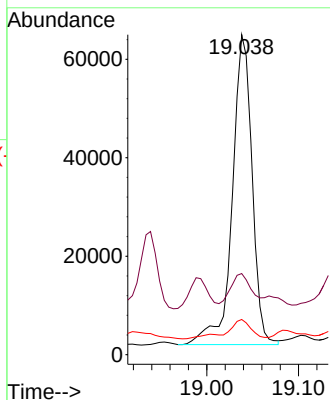
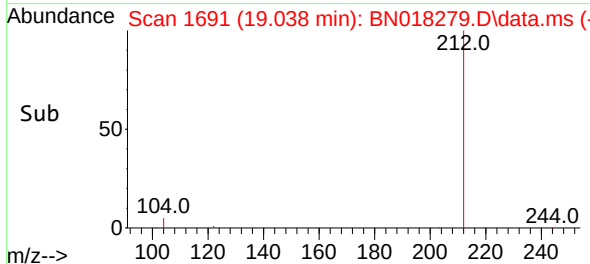
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



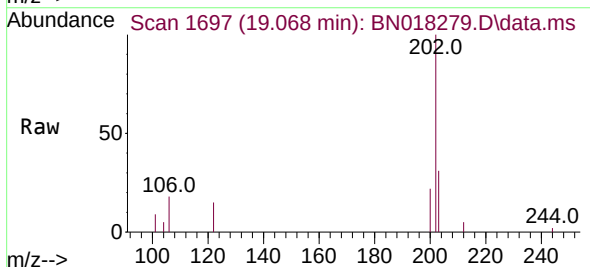
Tgt Ion:212 Resp: 9443
Ion Ratio Lower Upper
212 100
106 9.6 8.4 12.6
104 5.2 4.5 6.7

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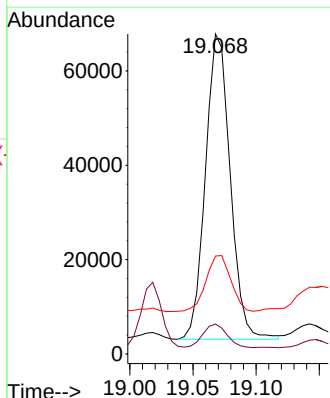
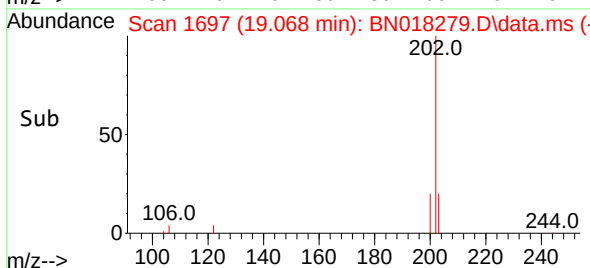
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

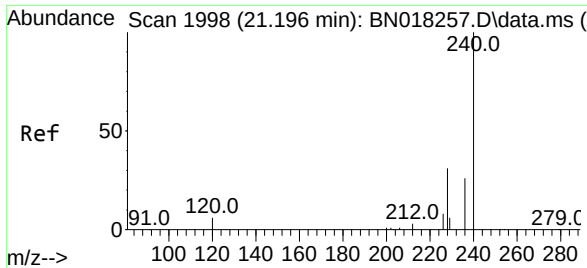


#28
Fluoranthene
Concen: 0.215 ng
RT: 19.068 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



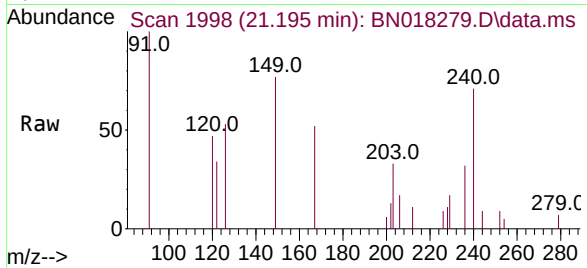
Tgt Ion:202 Resp: 88388
Ion Ratio Lower Upper
202 100
101 7.7 7.2 10.8
203 18.3 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.001 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

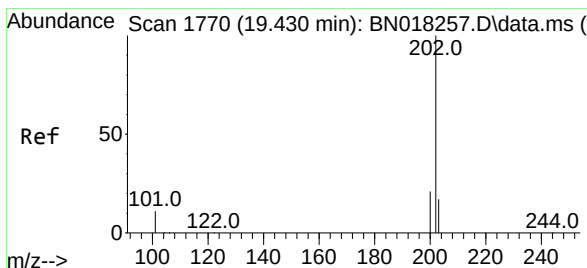
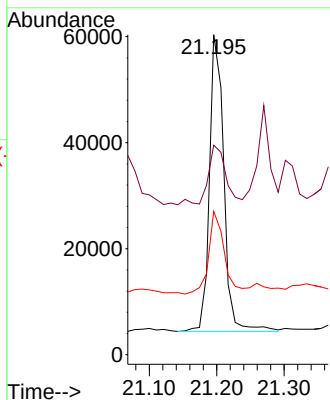
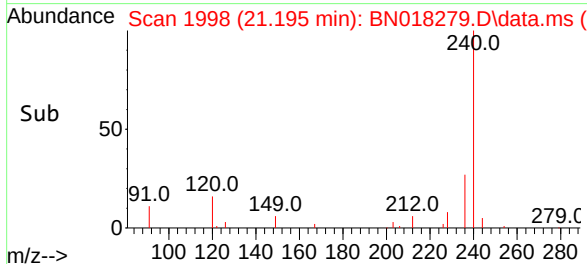
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



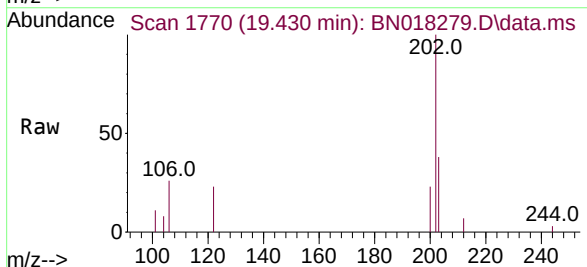
Tgt Ion:240 Resp: 82570
Ion Ratio Lower Upper
240 100
120 65.4 6.0 9.0
236 44.8 21.4 32.2

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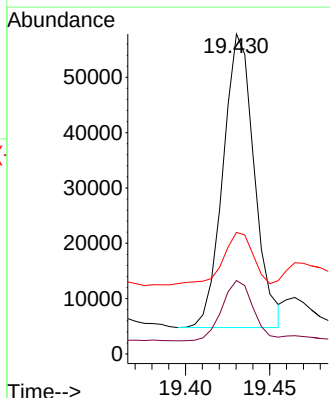
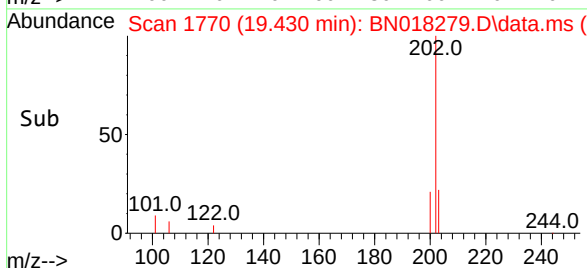
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

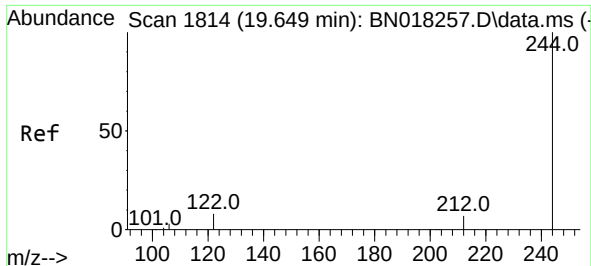


#30
Pyrene
Concen: 0.212 ng
RT: 19.430 min Scan# 1770
Delta R.T. -0.000 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



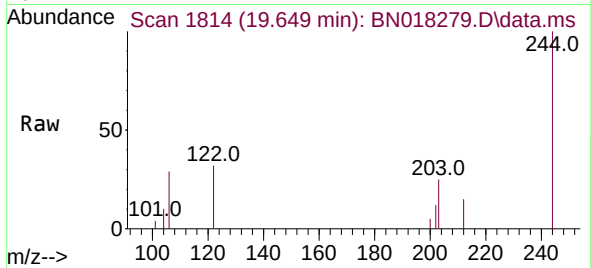
Tgt Ion:202 Resp: 68711
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 15.7 14.1 21.1





#31
 Terphenyl-d14
 Concen: 0.317 ng
 RT: 19.649 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

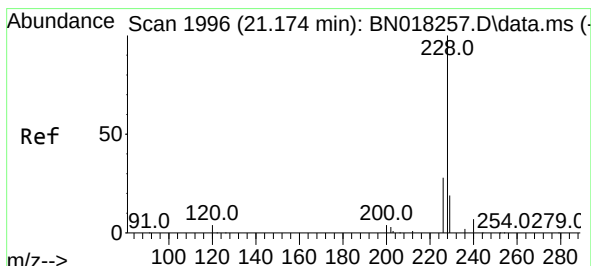
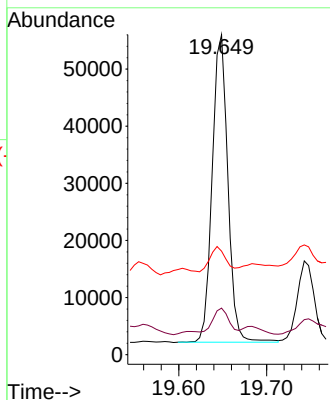
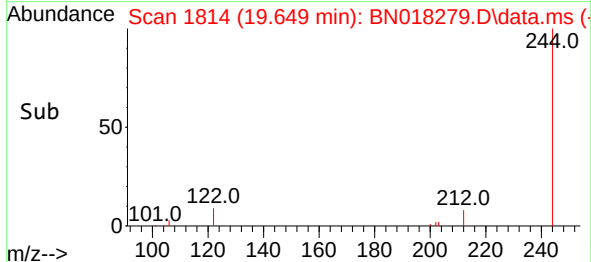
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07



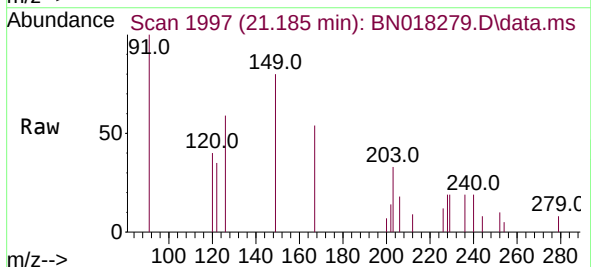
Tgt Ion:244 Resp: 6658
 Ion Ratio Lower Upper
 244 100
 212 14.5 6.2 9.2
 122 32.4 7.9 11.9

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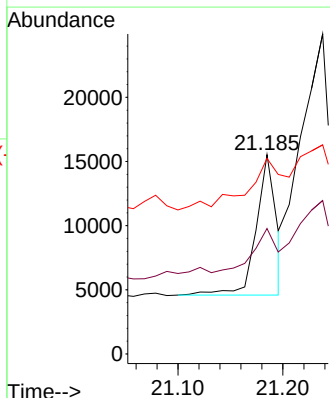
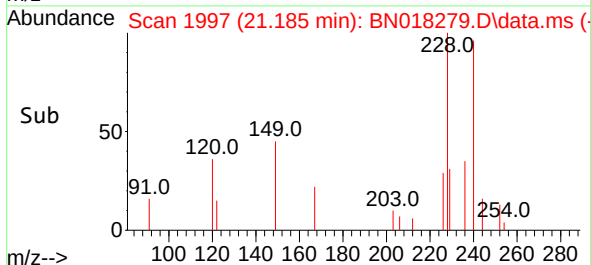
Reviewed By :Jagrut Upadhyay 12/30/2021
 Supervised By :mohammad ahmed 12/30/2021

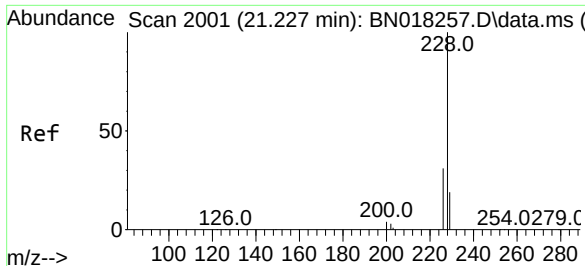


#32
 Benzo(a)anthracene
 Concen: 0.111 ng
 RT: 21.185 min Scan# 1997
 Delta R.T. 0.011 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14



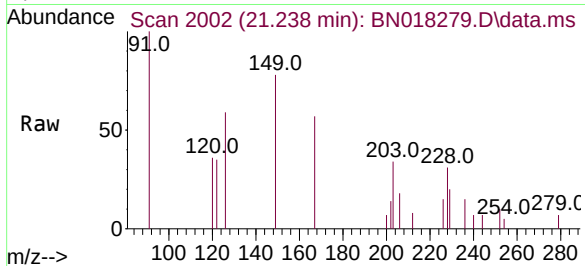
Tgt Ion:228 Resp: 14550
 Ion Ratio Lower Upper
 228 100
 226 62.9 21.3 31.9#
 229 98.0 15.9 23.9#





#33
Chrysene
Concen: 0.146 ng
RT: 21.238 min Scan# 2001
Delta R.T. 0.011 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14

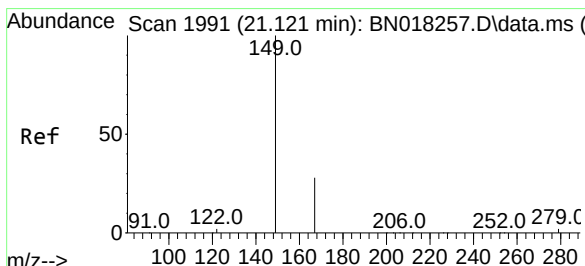
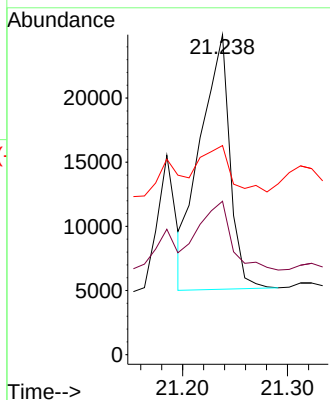
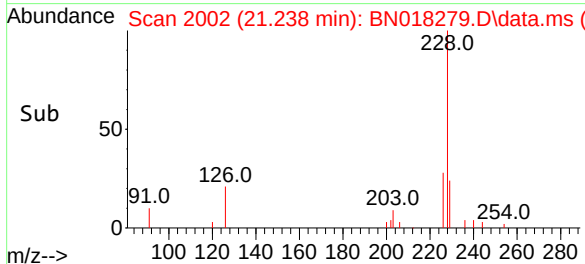
Instrument :
BNA_N
ClientSampleId :
OB-CS-07



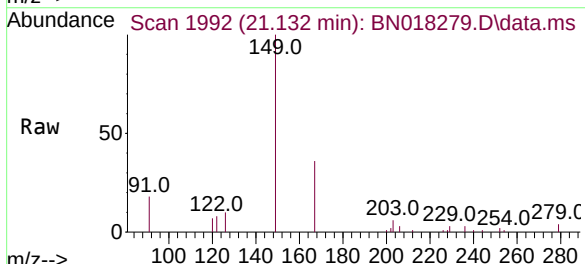
Tgt Ion:228 Resp: 38920
Ion Ratio Lower Upper
228 100
226 48.0 24.2 36.4
229 65.4 15.5 23.3

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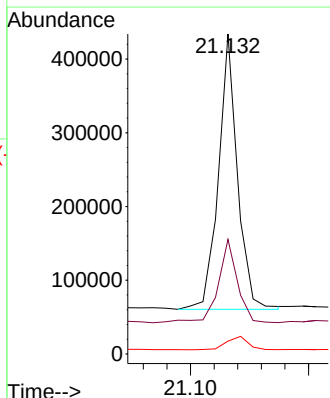
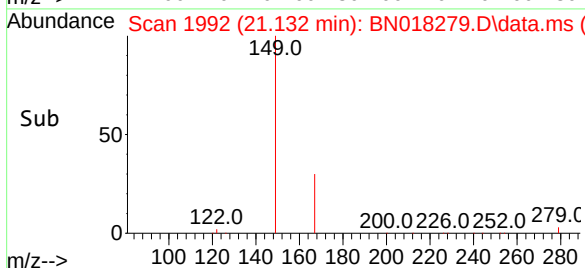
Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

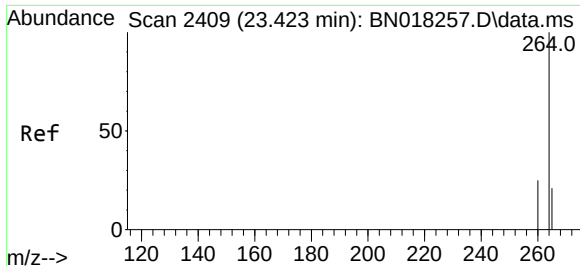


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.034 ng
RT: 21.132 min Scan# 1992
Delta R.T. 0.011 min
Lab File: BN018279.D
Acq: 30 Dec 2021 03:14



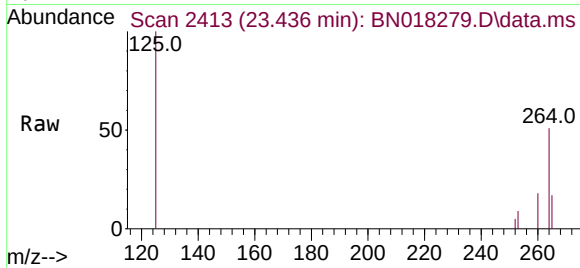
Tgt Ion:149 Resp: 415818
Ion Ratio Lower Upper
149 100
167 30.7 23.7 35.5
279 5.5 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.436 min Scan# 2409
 Delta R.T. 0.014 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14

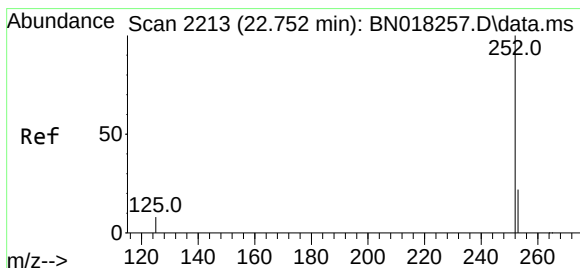
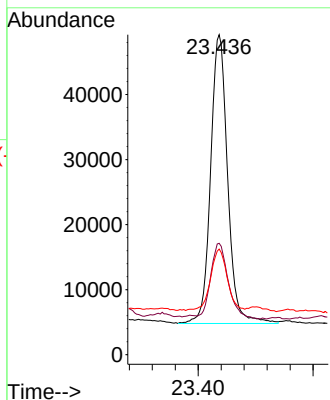
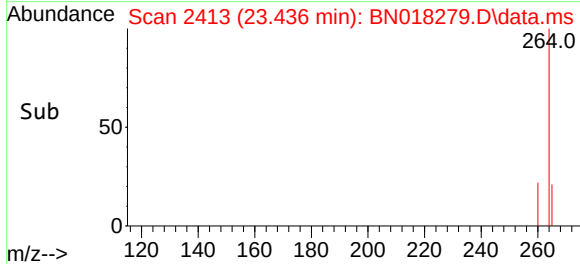
Instrument :
 BNA_N
 ClientSampleId :
 OB-CS-07



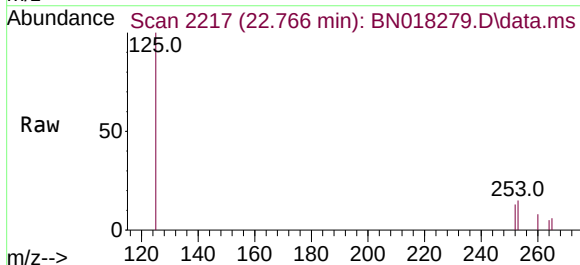
Tgt Ion:264 Resp: 91442
 Ion Ratio Lower Upper
 264 100
 260 34.8 20.2 30.4#
 265 33.0 18.2 27.2#

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



#37
 Benzo(b)fluoranthene
 Concen: 0.106 ng m
 RT: 22.766 min Scan# 2217
 Delta R.T. 0.014 min
 Lab File: BN018279.D
 Acq: 30 Dec 2021 03:14



Tgt Ion:252 Resp: 30764
 Ion Ratio Lower Upper
 252 100
 253 111.5 17.8 26.6#
 125 745.8 6.0 9.0#

