

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017959.D
 Acq On : 13 Dec 2021 04:07
 Operator : CG/JU
 Sample : M4988-14
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20211207

Quant Time: Dec 13 04:43:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	30566	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	121709	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	81525	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	166429	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	116043	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	86556	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6086	0.097	ng	0.00
5) Phenol-d6	6.903	99	3114	0.050	ng	0.00
8) Nitrobenzene-d5	8.859	82	20547	0.259	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	63429m	0.296	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	2913	0.398	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	73575	0.256	ng	0.00
27) Fluoranthene-d10	19.124	212	175694	0.326	ng	0.00
31) Terphenyl-d14	19.730	244	138088	0.483	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	32206m	3.472	ng	
9) Naphthalene	10.544	128	7693	0.025	ng	# 94
32) Benzo(a)anthracene	21.272	228	18854	0.101	ng	# 90
33) Chrysene	21.325	228	24995	0.066	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.208	149	1025772	8.234	ng	98
36) Indeno(1,2,3-cd)pyrene	25.968	276	6783m	0.126	ng	
37) Benzo(b)fluoranthene	22.890	252	16783	0.059	ng	# 1
38) Benzo(k)fluoranthene	22.935	252	13347	0.048	ng	# 4
39) Benzo(a)pyrene	23.486	252	14378	0.057	ng	# 1
40) Dibenzo(a,h)anthracene	25.992	278	3733m	0.131	ng	
41) Benzo(g,h,i)perylene	26.673	276	7190	0.052	ng	# 67

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

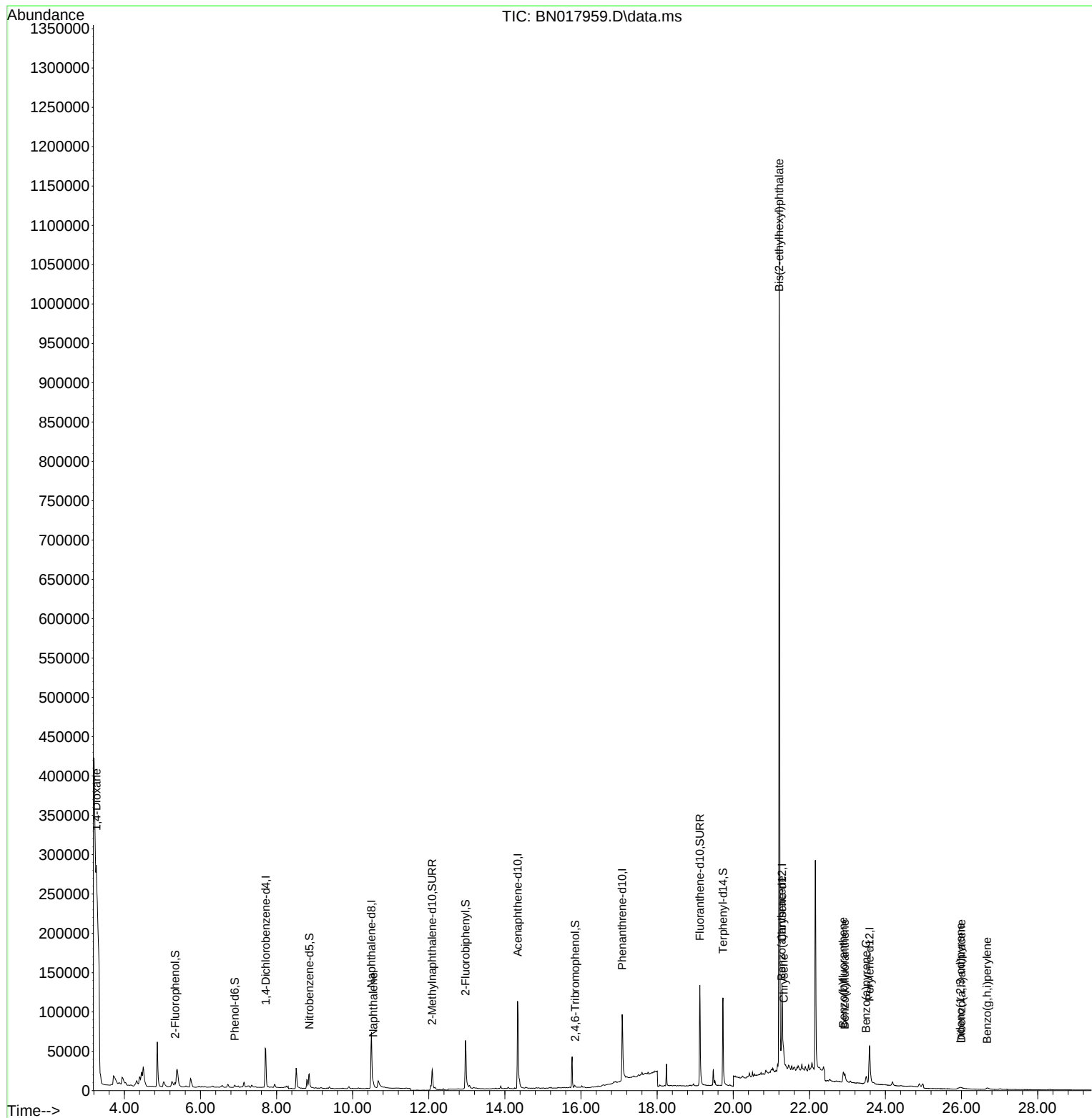
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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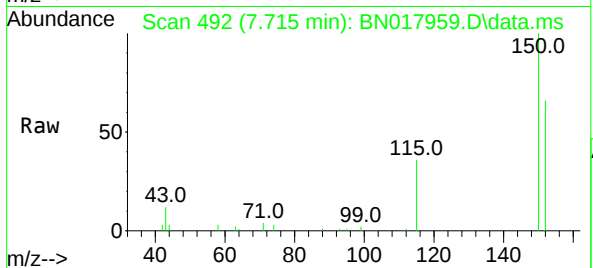
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Supervised By : Jagrut Upadhyay 12/13/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017959.D
 Acq: 13 Dec 2021 04:07

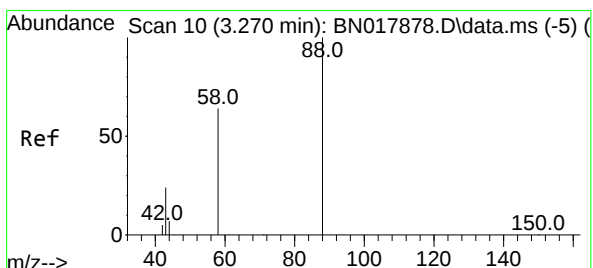
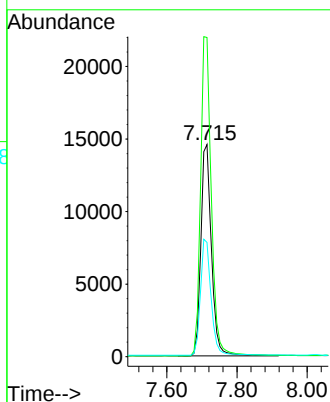
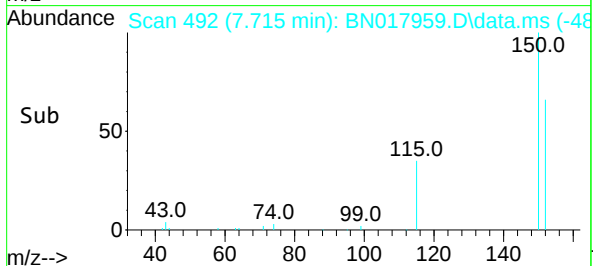
Instrument :
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 ClientSampleId :
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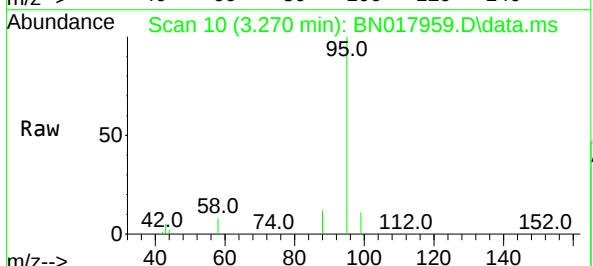
Tgt Ion: 152 Resp: 30560
 Ion Ratio Lower Upper
 152 100
 150 150.5 121.9 182.9
 115 53.8 44.1 66.1

Manual Integrations
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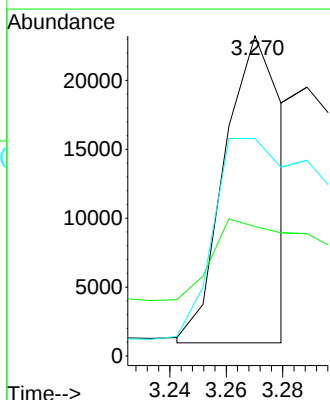
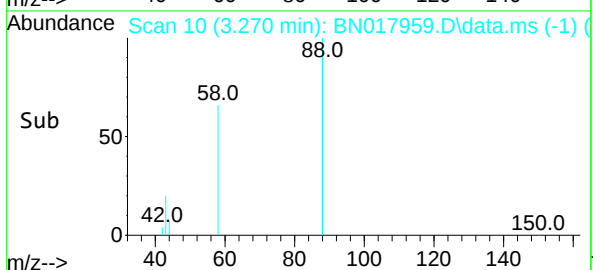
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 Supervised By :Jagrut Upadhyay 12/13/2021

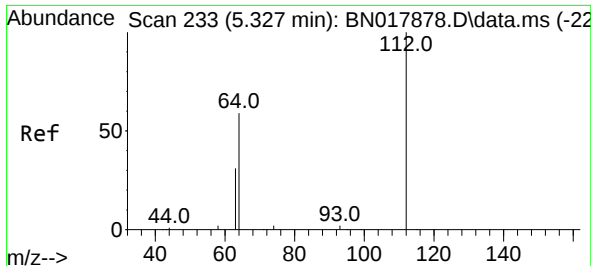


#2
 1,4-Dioxane
 Concen: 3.472 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017959.D
 Acq: 13 Dec 2021 04:07



Tgt Ion: 88 Resp: 32206
 Ion Ratio Lower Upper
 88 100
 43 46.1 28.0 42.0#
 58 119.4 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

Instrument :

BNA_N

ClientSampleId :

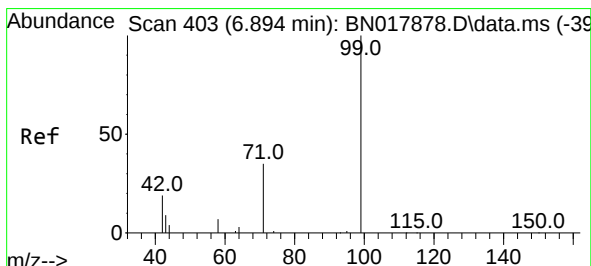
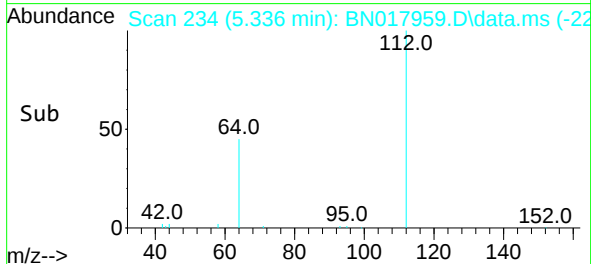
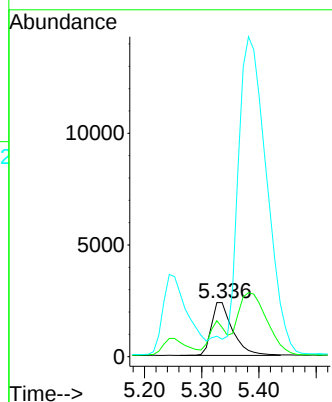
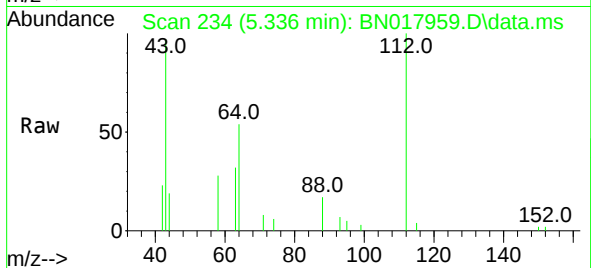
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Tgt Ion:112 Resp: 6080
Ion Ratio Lower Upper
112 100
64 37.8 49.0 73.4
63 0.0 26.2 39.2

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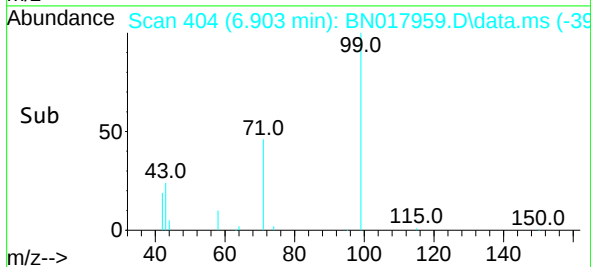
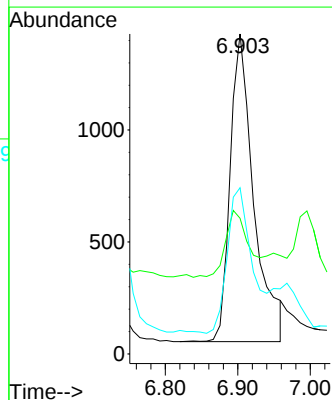
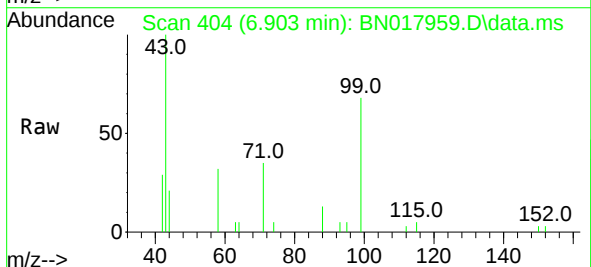
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#5
Phenol-d6
Concen: 0.050 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

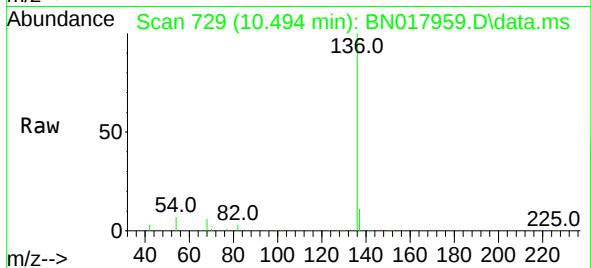
Tgt Ion: 99 Resp: 3114
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.4
71 49.9 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

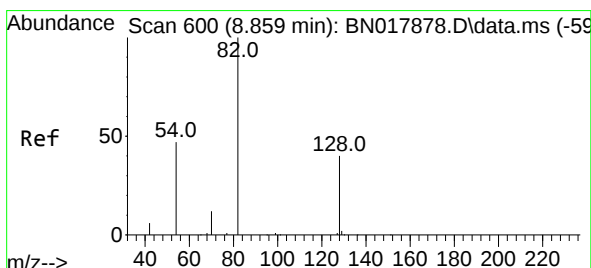
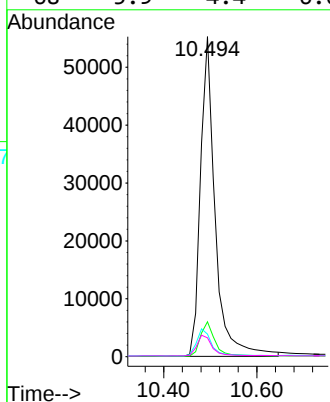
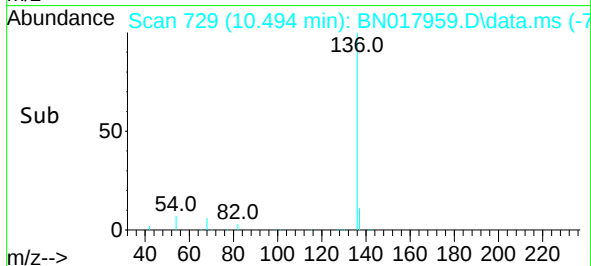
Instrument :
BNA_N
ClientSampleId :
DUP03-20211207



Tgt Ion:136	Resp:	121709
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.1	5.1 7.7
68	5.9	4.4 6.6

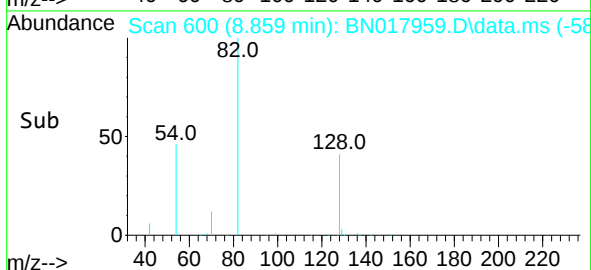
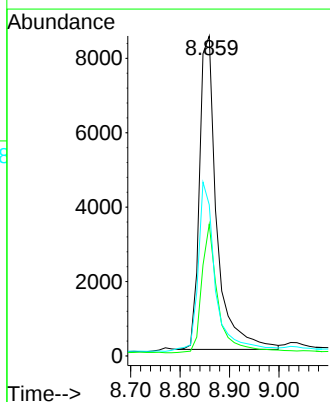
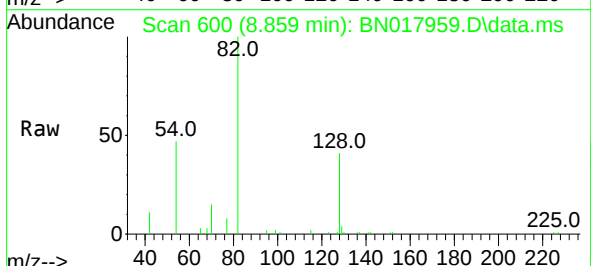
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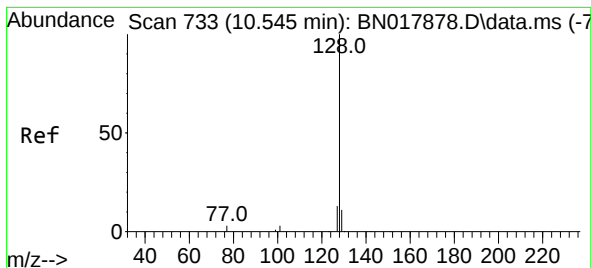
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Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.259 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

Tgt Ion: 82	Resp:	20547
Ion Ratio	Lower	Upper
82	100	
128	41.2	32.2 48.4
54	47.3	37.6 56.4





#9

Naphthalene

Concen: 0.025 ng

RT: 10.544 min Scan# 71

Delta R.T. -0.001 min

Lab File: BN017959.D

Acq: 13 Dec 2021 04:07

Instrument :

BNA_N

ClientSampleId :

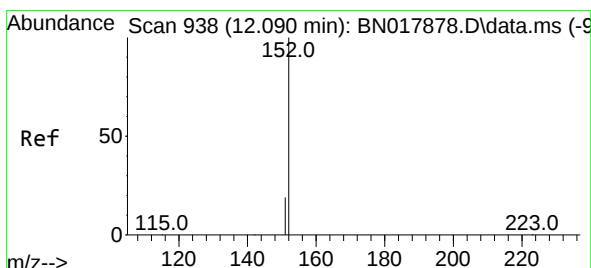
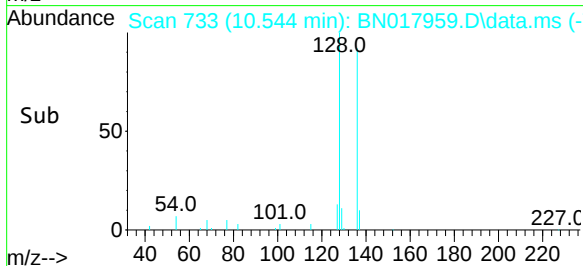
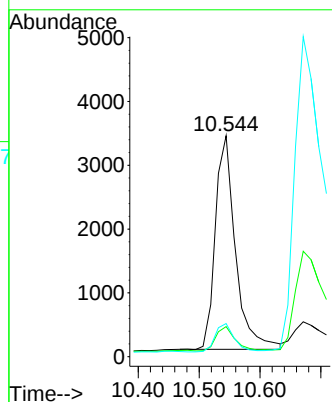
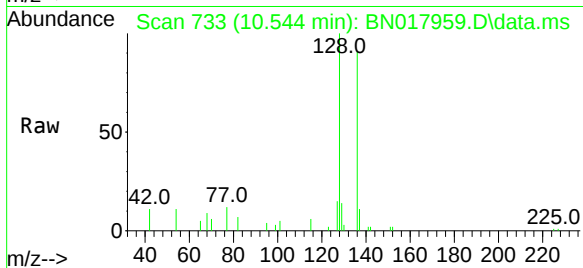
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Tgt Ion:	128	Resp:	769
Ion Ratio	Lower	Upper	
128	100		
129	13.6	8.8	13.2
127	15.0	10.5	15.7

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#11

2-Methylnaphthalene-d10

Concen: 0.296 ng m

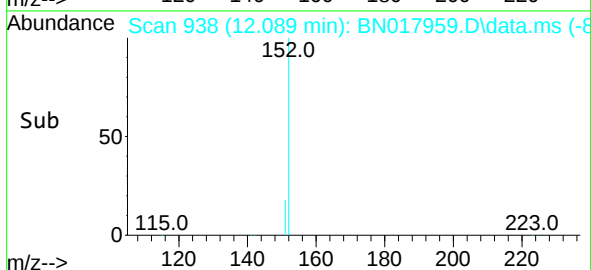
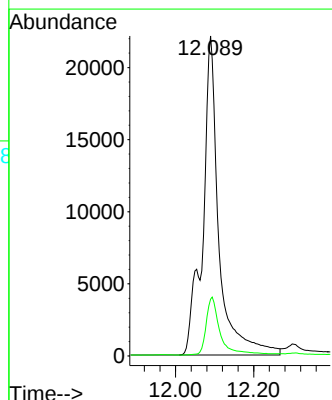
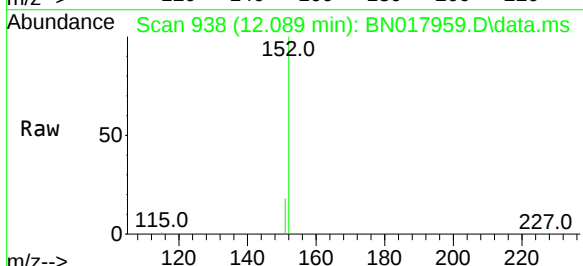
RT: 12.089 min Scan# 938

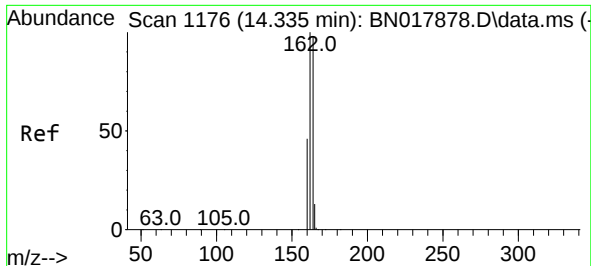
Delta R.T. -0.000 min

Lab File: BN017959.D

Acq: 13 Dec 2021 04:07

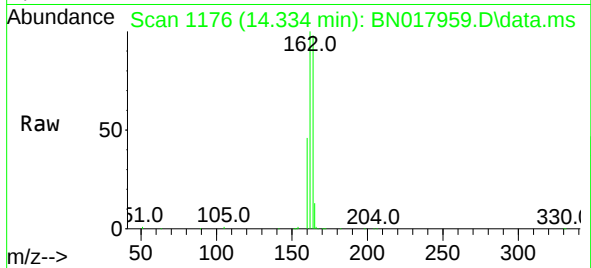
Tgt Ion:	152	Resp:	63429
Ion Ratio	Lower	Upper	
152	100		
151	15.8	16.4	24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

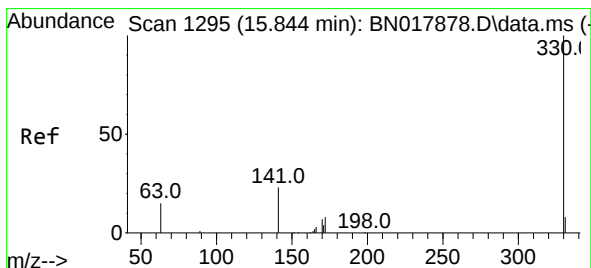
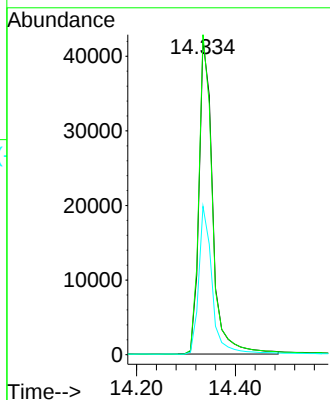
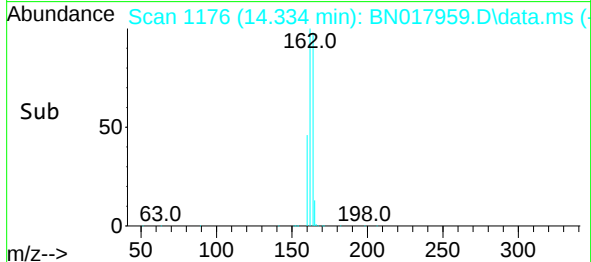
Instrument :
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DUP03-20211207



Tgt Ion:164 Resp: 8152
Ion Ratio Lower Upper
164 100
162 101.7 82.1 123.1
160 47.1 38.2 57.2

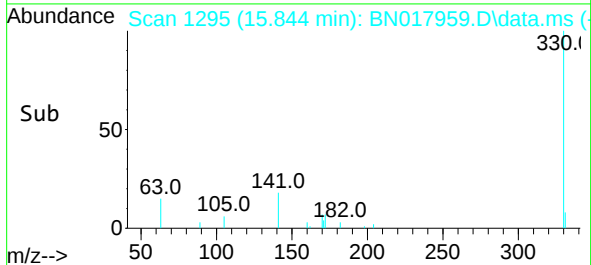
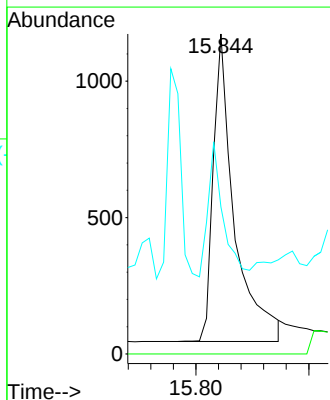
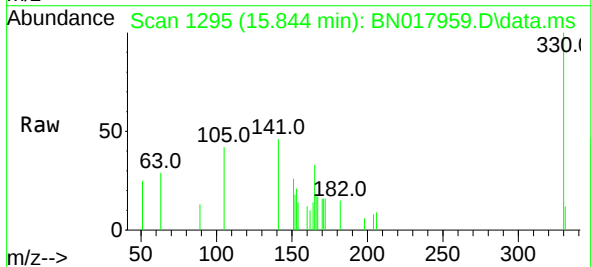
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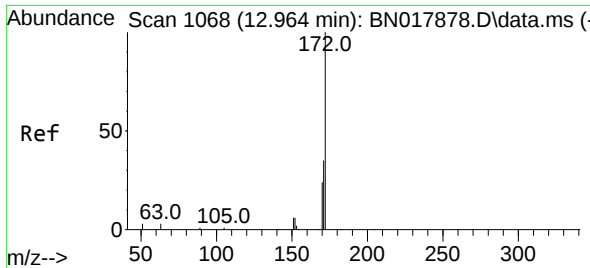
Reviewed By :Christian Giraldo 12/13/2021
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#14
2,4,6-Tribromophenol
Concen: 0.398 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

Tgt Ion:330 Resp: 2913
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.6 19.7 29.5





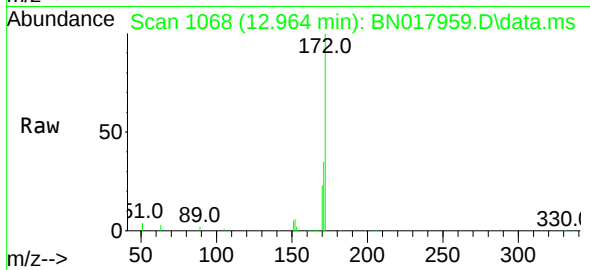
#15
2-Fluorobiphenyl
Concen: 0.256 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

Instrument :

BNA_N

ClientSampleId :

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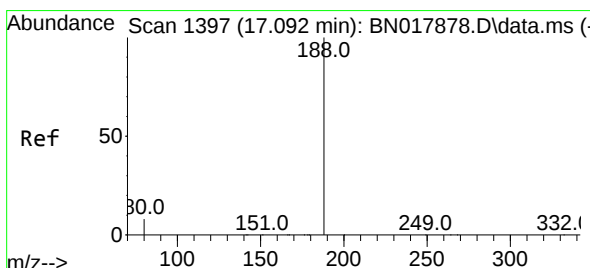
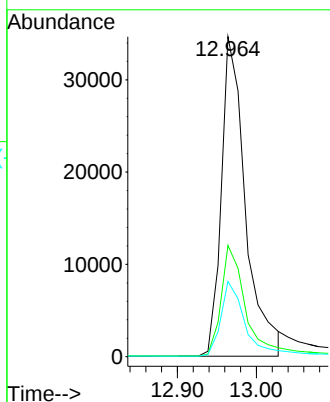
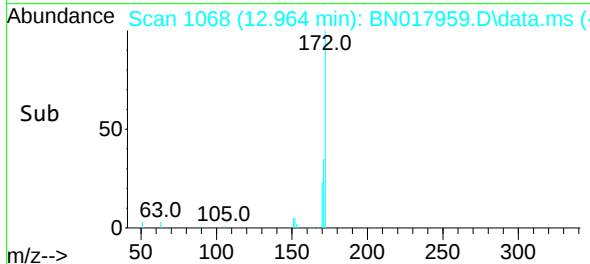


Tgt Ion:172 Resp: 73575
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 19.1 28.7

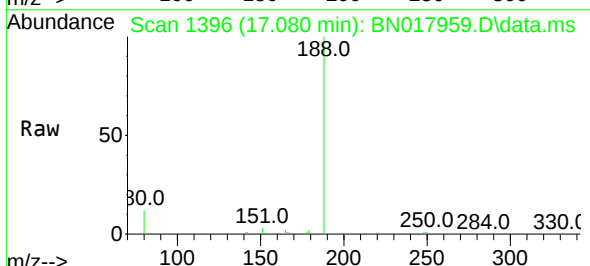
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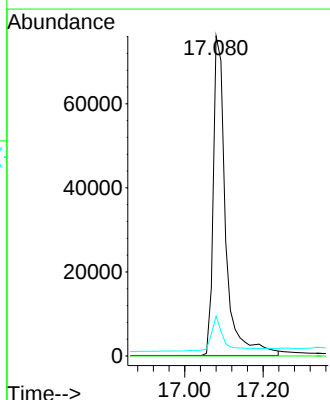
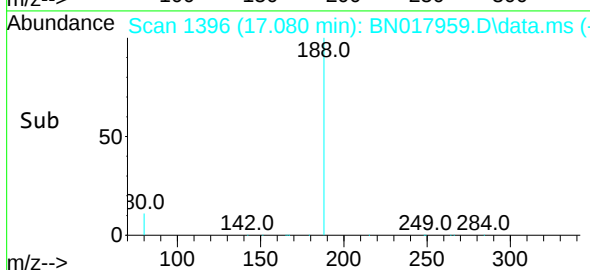
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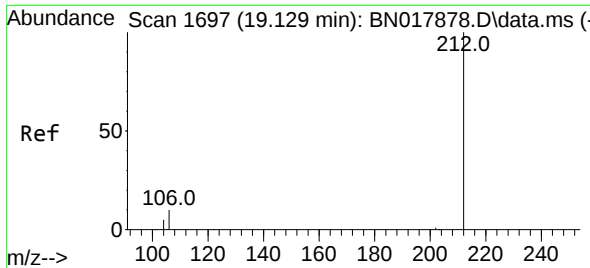


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07



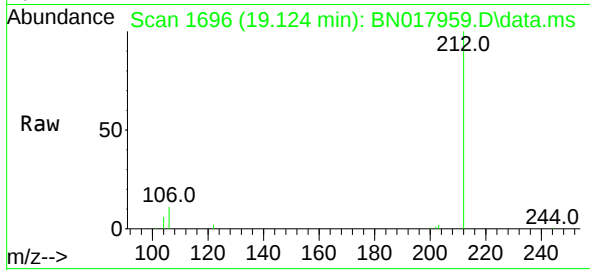
Tgt Ion:188 Resp: 166429
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.4 6.2 9.2#





#27
Fluoranthene-d10
Concen: 0.326 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

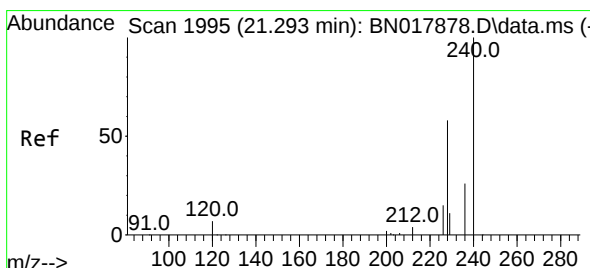
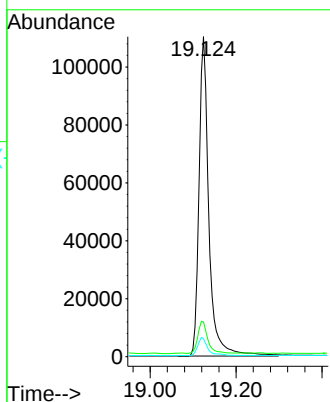
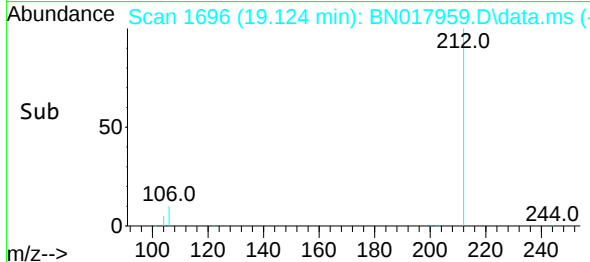
Instrument :
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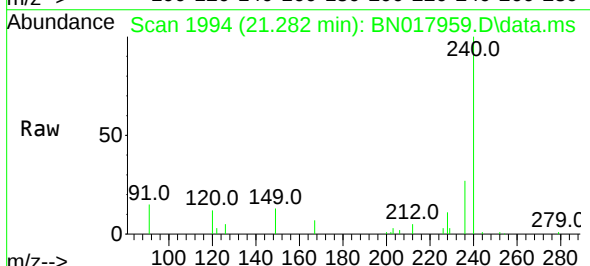
Tgt Ion:212 Resp: 175694
Ion Ratio Lower Upper
212 100
106 10.1 8.3 12.5
104 5.9 4.6 6.8

Manual Integrations
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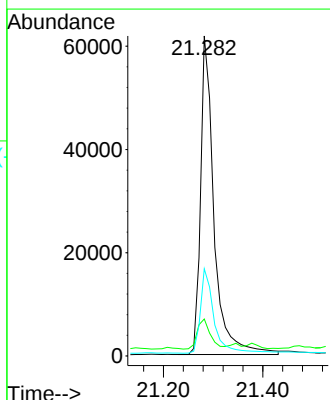
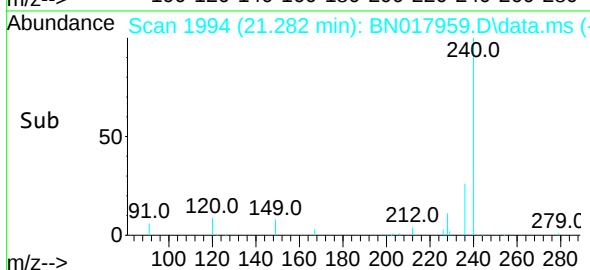
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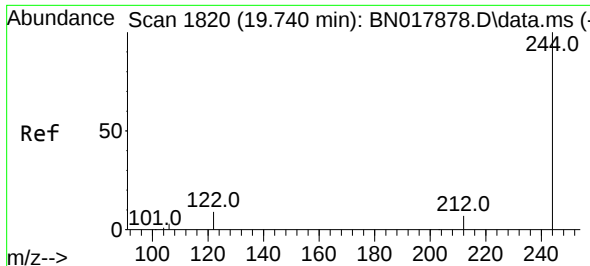


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07



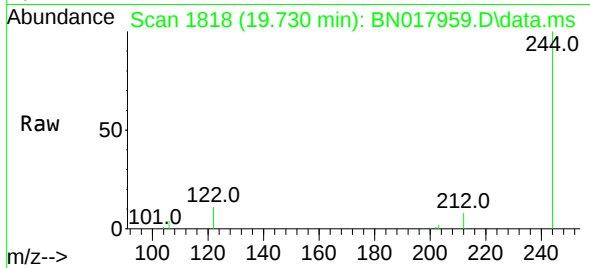
Tgt Ion:240 Resp: 116043
Ion Ratio Lower Upper
240 100
120 11.5 5.8 8.8#
236 27.2 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.483 ng
 RT: 19.730 min Scan# 1818
 Delta R.T. -0.010 min
 Lab File: BN017959.D
 Acq: 13 Dec 2021 04:07

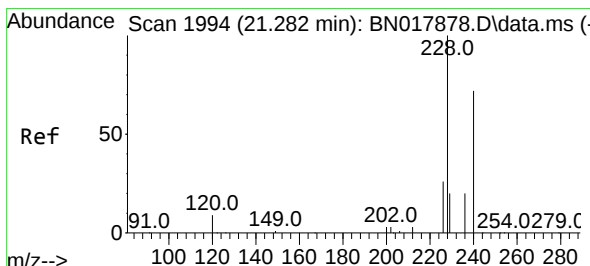
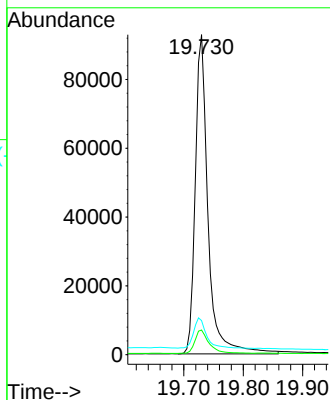
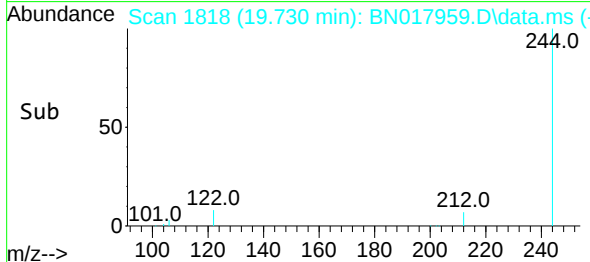
Instrument :
 BNA_N
 ClientSampleId :
 DUP03-20211207



Tgt Ion:244 Resp: 13808
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 10.7 7.5 11.3

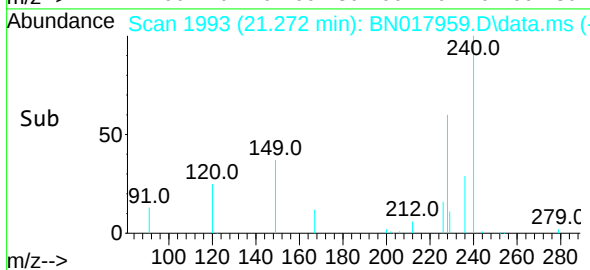
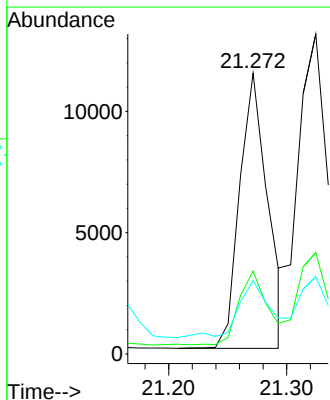
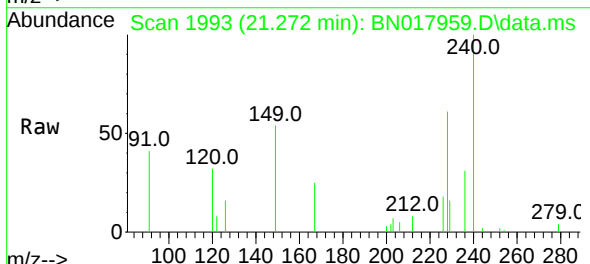
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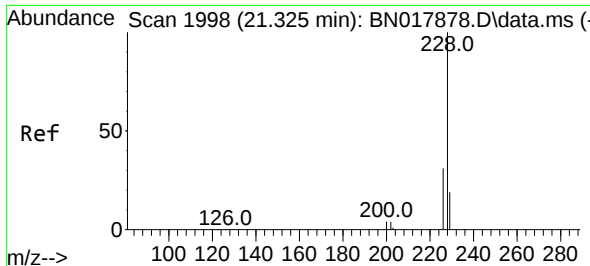
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



#32
 Benzo(a)anthracene
 Concen: 0.101 ng
 RT: 21.272 min Scan# 1993
 Delta R.T. -0.010 min
 Lab File: BN017959.D
 Acq: 13 Dec 2021 04:07

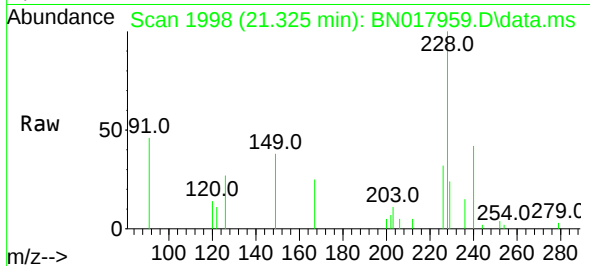
Tgt Ion:228 Resp: 18854
 Ion Ratio Lower Upper
 228 100
 226 29.5 21.0 31.4
 229 26.1 15.8 23.8#





#33
Chrysene
Concen: 0.066 ng
RT: 21.325 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

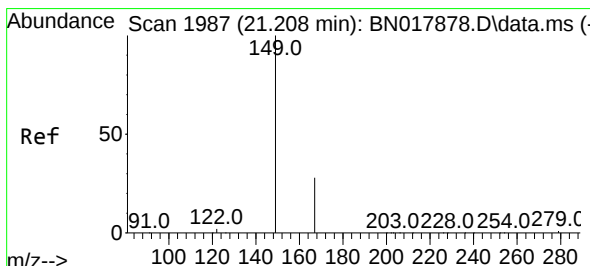
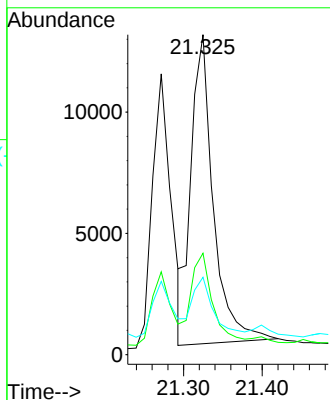
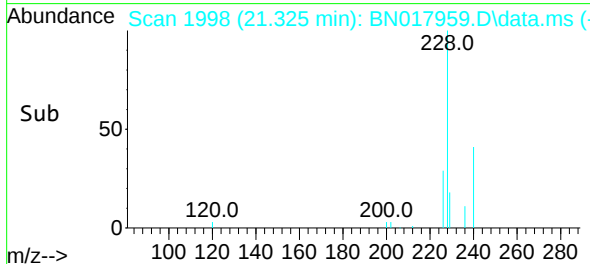
Instrument :
BNA_N
ClientSampleId :
DUP03-20211207



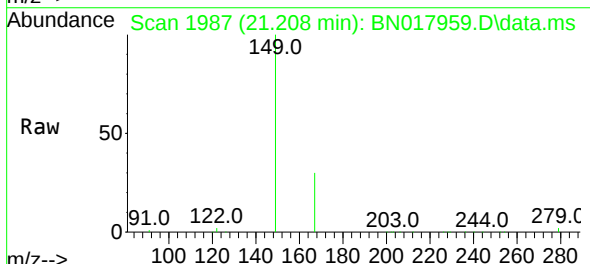
Tgt Ion:228 Resp: 2499
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.8
229 24.2 15.6 23.4

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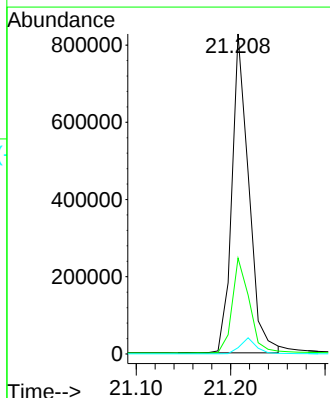
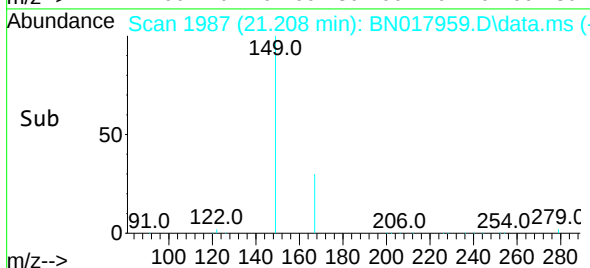
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

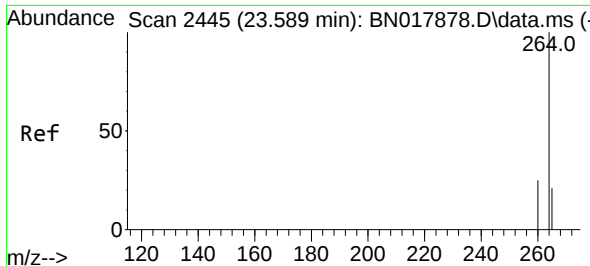


#34
Bis(2-ethylhexyl)phthalate
Concen: 8.234 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07



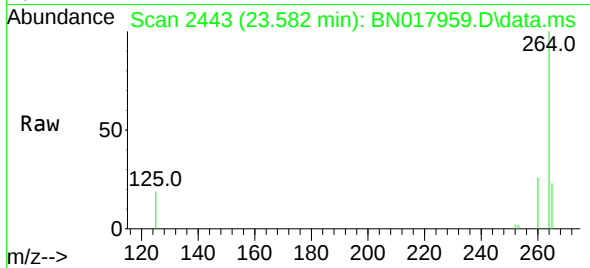
Tgt Ion:149 Resp: 1025772
Ion Ratio Lower Upper
149 100
167 30.3 23.4 35.0
279 4.8 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2445
Delta R.T. -0.007 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

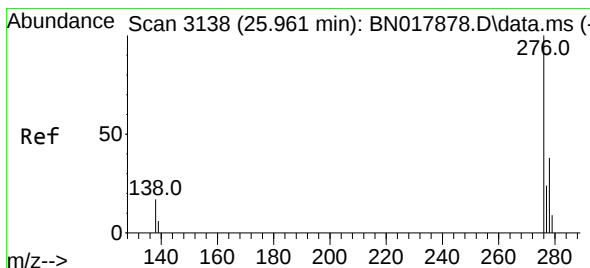
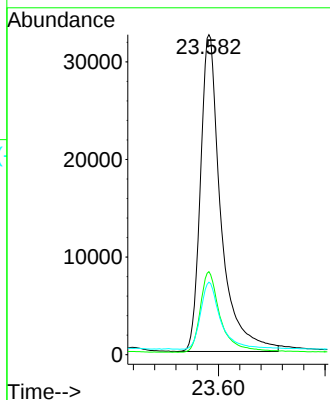
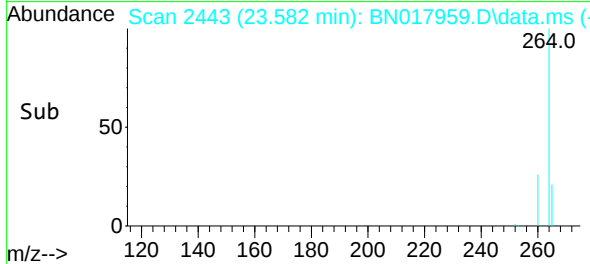
Instrument :
BNA_N
ClientSampleId :
DUP03-20211207



Tgt Ion:264 Resp: 86550
Ion Ratio Lower Upper
264 100
260 25.9 20.2 30.4
265 22.7 18.2 27.4

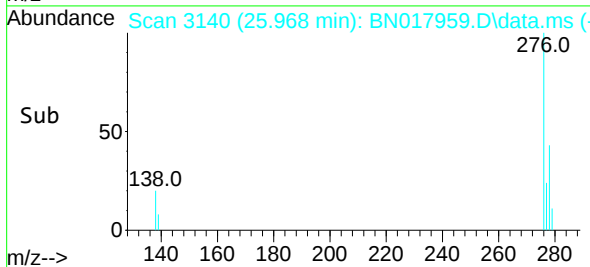
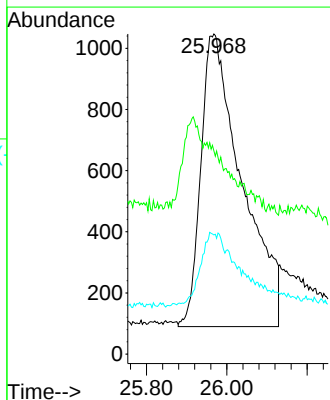
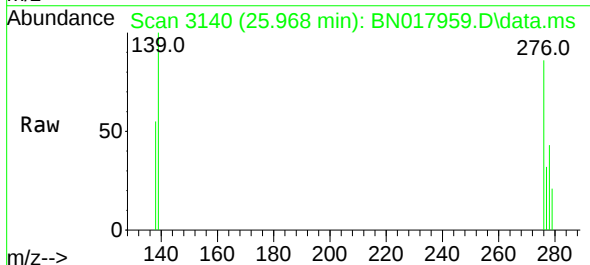
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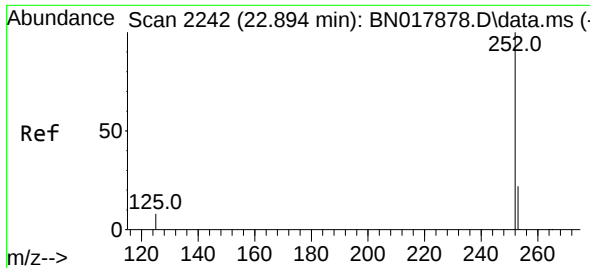
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.126 ng m
RT: 25.968 min Scan# 3140
Delta R.T. 0.007 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

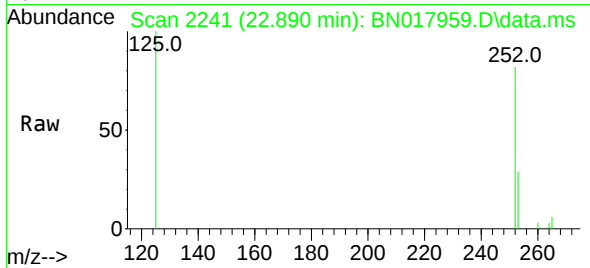
Tgt Ion:276 Resp: 6783
Ion Ratio Lower Upper
276 100
138 0.0 15.2 22.8#
277 9.0 19.8 29.6#





#37
Benzo(b)fluoranthene
Concen: 0.059 ng
RT: 22.890 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

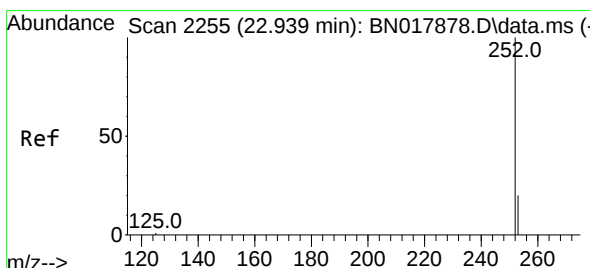
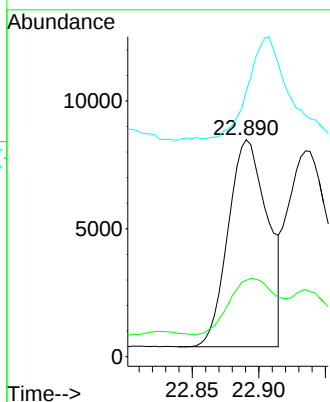
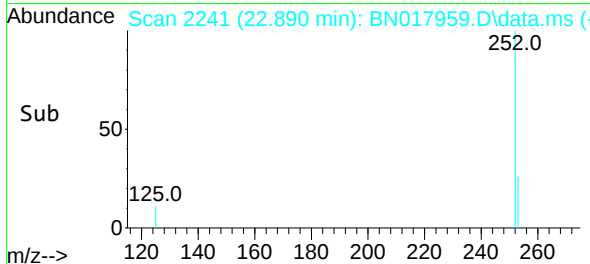
Instrument :
BNA_N
ClientSampleId :
DUP03-20211207



Tgt Ion:252 Resp: 16783
Ion Ratio Lower Upper
252 100
253 35.2 17.9 26.9#
125 122.3 6.8 10.2#

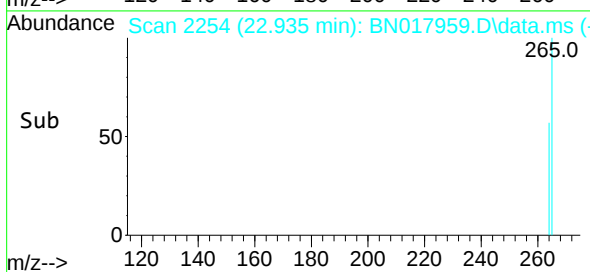
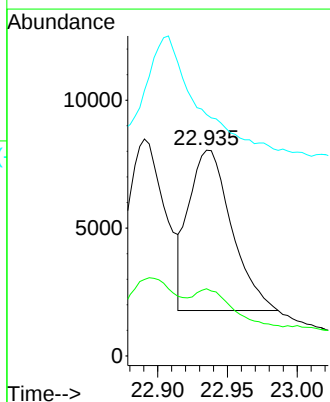
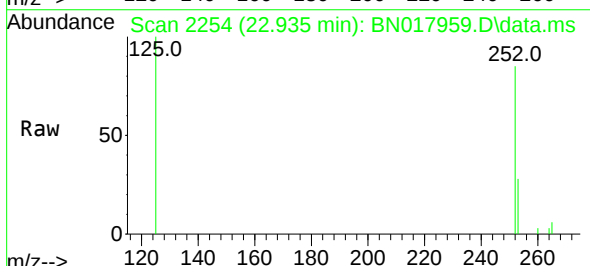
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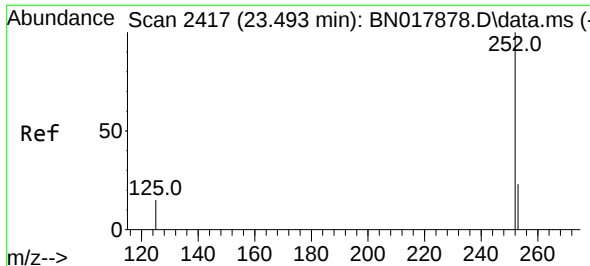
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#38
Benzo(k)fluoranthene
Concen: 0.048 ng
RT: 22.935 min Scan# 2254
Delta R.T. -0.004 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

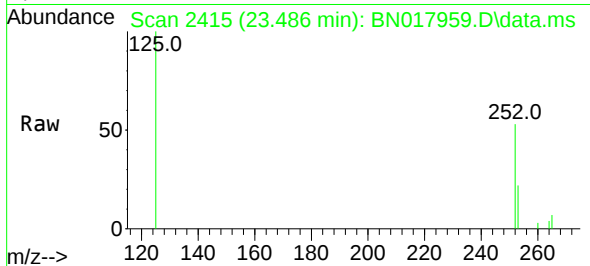
Tgt Ion:252 Resp: 13347
Ion Ratio Lower Upper
252 100
253 32.7 17.8 26.6#
125 117.3 6.1 9.1#





#39
Benzo(a)pyrene
Concen: 0.057 ng
RT: 23.486 min Scan# 2417
Delta R.T. -0.007 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

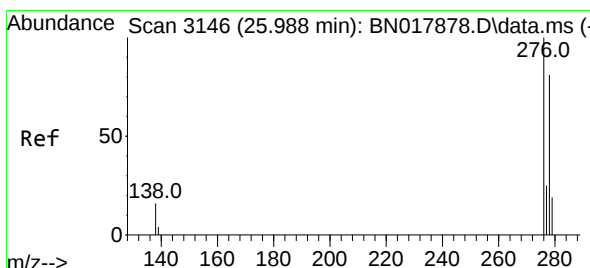
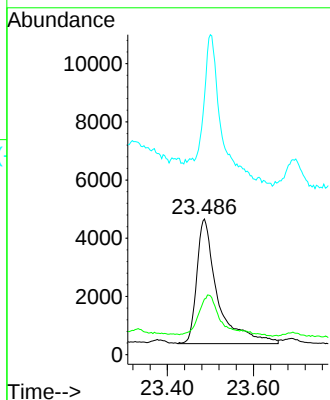
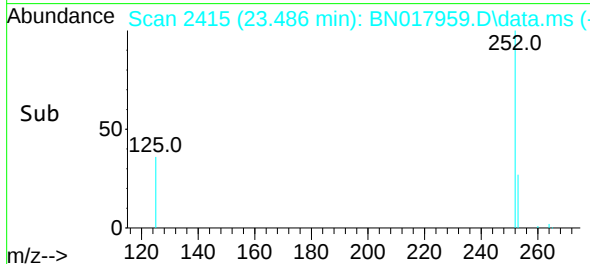
Instrument :
BNA_N
ClientSampleId :
DUP03-20211207



Tgt Ion:252 Resp: 14378
Ion Ratio Lower Upper
252 100
253 41.1 18.8 28.2
125 189.5 12.2 18.2

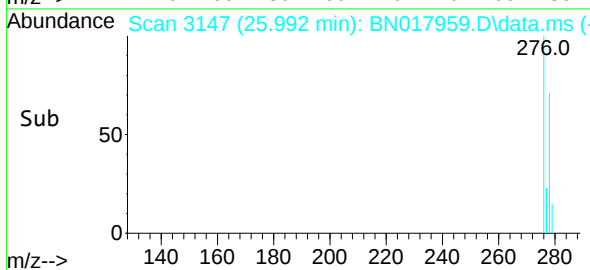
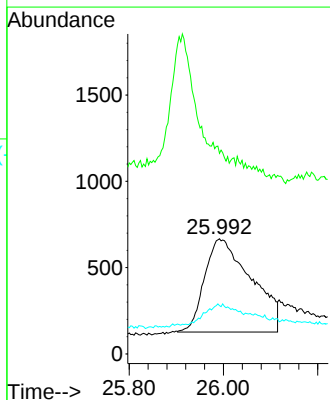
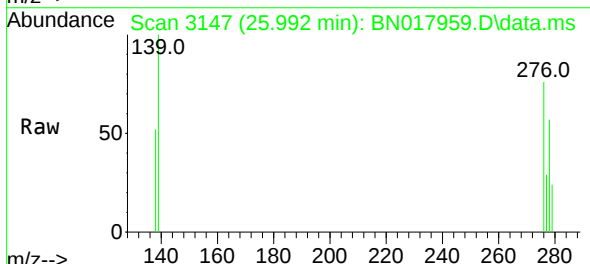
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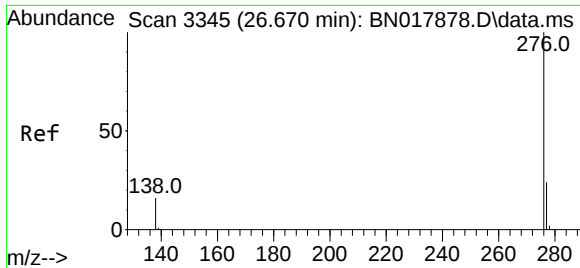
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#40
Dibenzo(a,h)anthracene
Concen: 0.131 ng m
RT: 25.992 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BN017959.D
Acq: 13 Dec 2021 04:07

Tgt Ion:278 Resp: 3733
Ion Ratio Lower Upper
278 100
139 174.2 12.0 18.0#
279 42.0 20.8 31.2#





#41

Benzo(g,h,i)perylene

Concen: 0.052 ng

RT: 26.673 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN017959.D

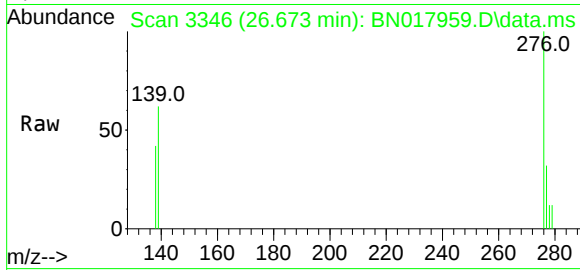
Acq: 13 Dec 2021 04:07

Instrument :

BNA_N

ClientSampleId :

DUP03-20211207



Tgt Ion:276 Resp: 7190

Ion Ratio Lower Upper

276 100

277 32.2 19.6 29.4

138 42.3 13.8 20.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/13/2021

Supervised By :Jagrut Upadhyay 12/13/2021

