

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017628.D
 Acq On : 01 Dec 2021 00:48
 Operator : CG/JU
 Sample : M4862-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3B

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 03:16:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 18:26:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	24717	0.40	ng	0.00
7) Naphthalene-d8	10.547	136	103014	0.40	ng	# 0.00
13) Acenaphthene-d10	14.384	164	64126	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	130220	0.40	ng	#-0.01
29) Chrysene-d12	21.314	240	96157	0.40	ng	# 0.00
35) Perylene-d12	23.636	264	94987	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.394	112	352	0.01	ng	0.03
5) Phenol-d6	6.952	99	4689	0.08	ng	0.00
8) Nitrobenzene-d5	8.912	82	12077	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.142	152	41192	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	55	0.13	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	52315	0.21	ng	0.00
27) Fluoranthene-d10	19.154	212	94383	0.23	ng	0.00
31) Terphenyl-d14	19.759	244	64656	0.31	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.165	178	72039m	0.20	ng	
26) Anthracene	17.250	178	15214	0.05	ng	# 81
28) Fluoranthene	19.188	202	334176	0.83	ng	95
30) Pyrene	19.546	202	285812	0.92	ng	# 94
32) Benzo(a)anthracene	21.292	228	99260	0.34	ng	# 83
33) Chrysene	21.346	228	198317	0.62	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.239	149	58935	0.85	ng	# 56
36) Indeno(1,2,3-cd)pyrene	26.019	276	106798	0.35	ng	# 92
37) Benzo(b)fluoranthene	22.935	252	251955	0.80	ng	# 1
38) Benzo(k)fluoranthene	22.976	252	76770m	0.24	ng	
39) Benzo(a)pyrene	23.534	252	37631	0.13	ng	# 1
40) Dibenzo(a,h)anthracene	26.029	278	21594	0.09	ng	# 1
41) Benzo(g,h,i)perylene	26.744	276	91495	0.35	ng	# 58

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

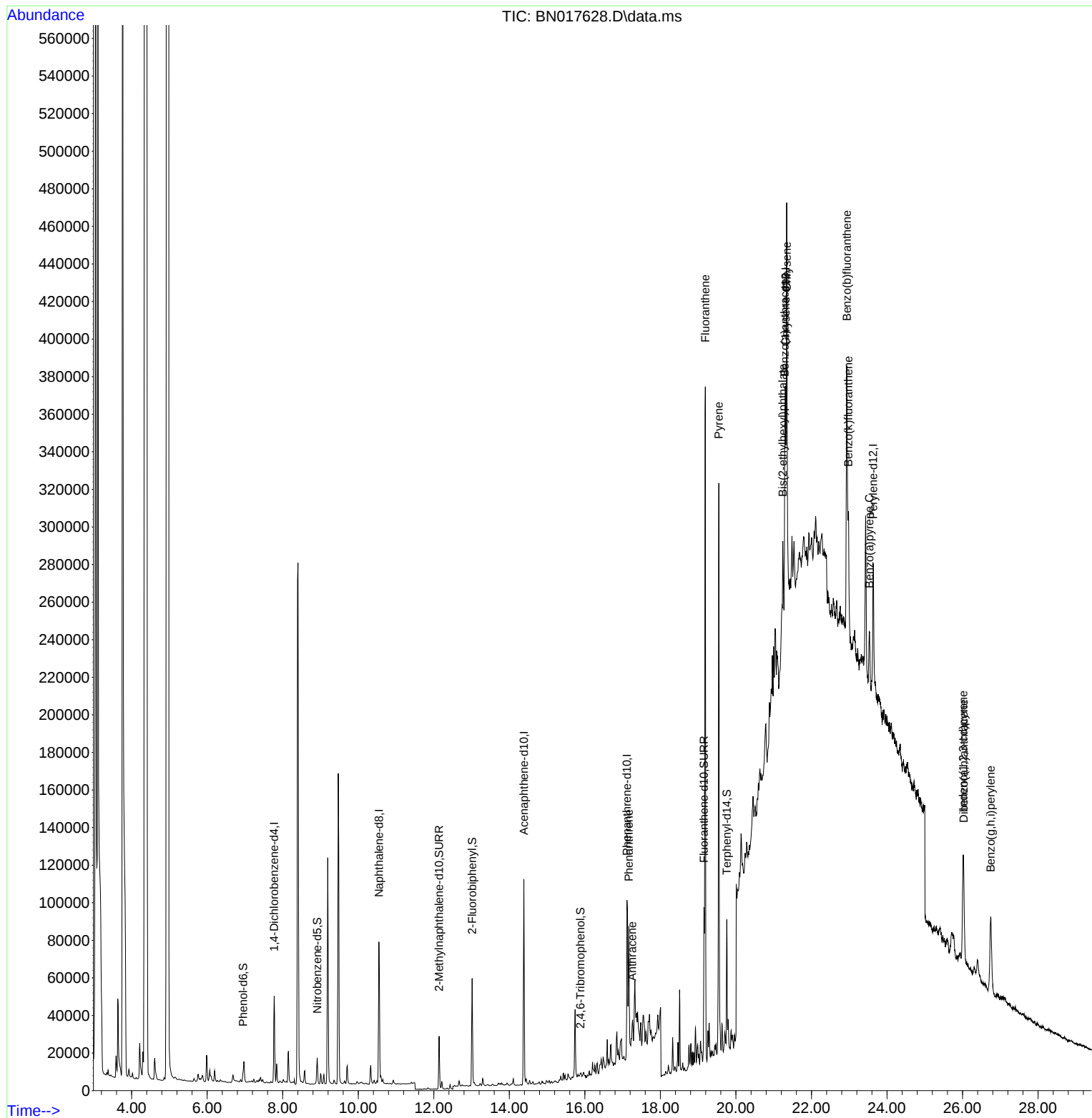
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017628.D
Acq On : 01 Dec 2021 00:48
Operator : CG/JU
Sample : M4862-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

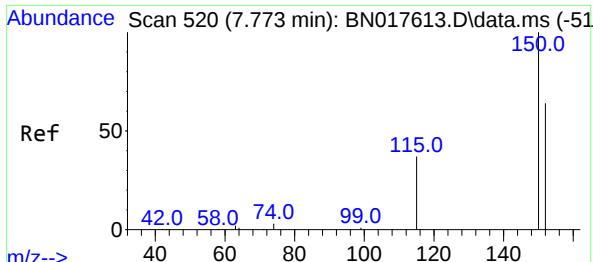
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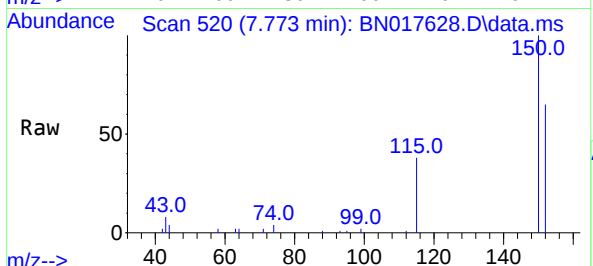
Quant Time: Dec 01 03:16:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

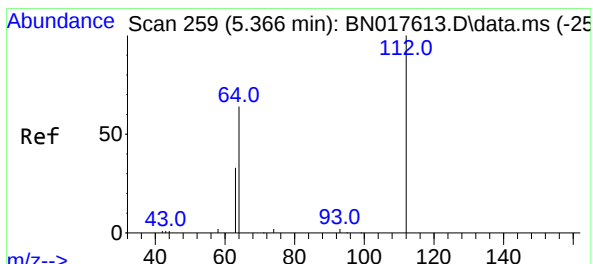
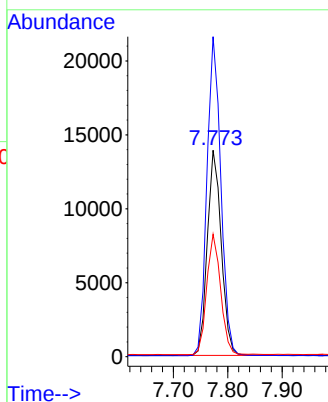
Instrument :
BNA_N
ClientSampleId :
CS-3B



Tgt Ion:152 Resp: 2471
Ion Ratio Lower Upper
152 100
150 155.0 123.0 184.4
115 59.3 45.6 68.4

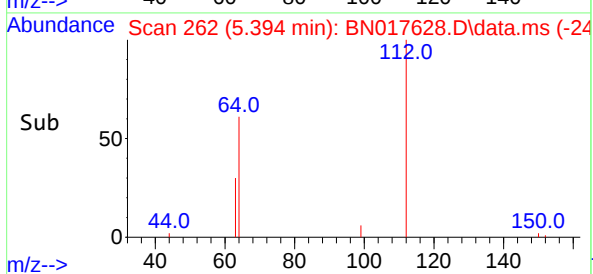
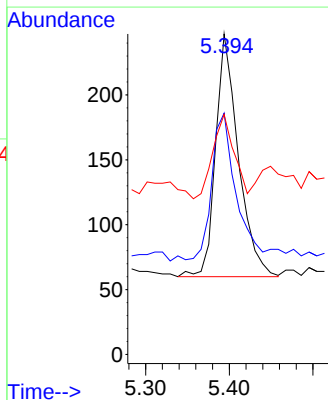
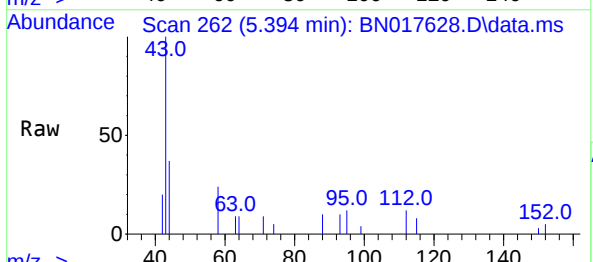
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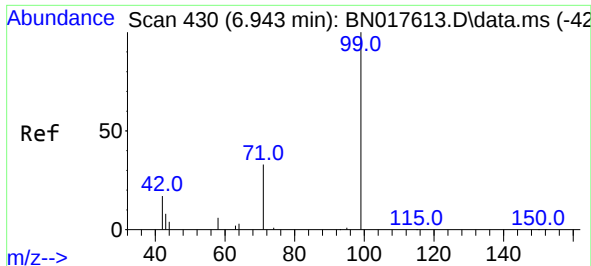
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#4
2-Fluorophenol
Concen: 0.01 ng
RT: 5.394 min Scan# 262
Delta R.T. 0.028 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

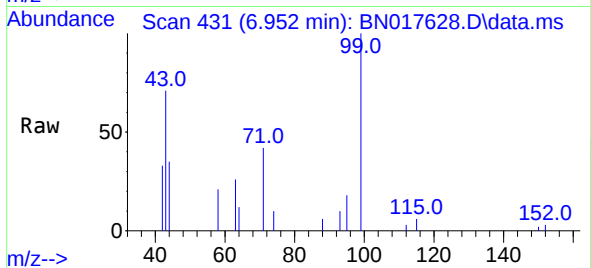
Tgt Ion:112 Resp: 352
Ion Ratio Lower Upper
112 100
64 66.8 47.6 71.4
63 32.7 24.6 37.0





#5
Phenol-d6
Concen: 0.08 ng
RT: 6.952 min Scan# 431
Delta R.T. 0.009 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

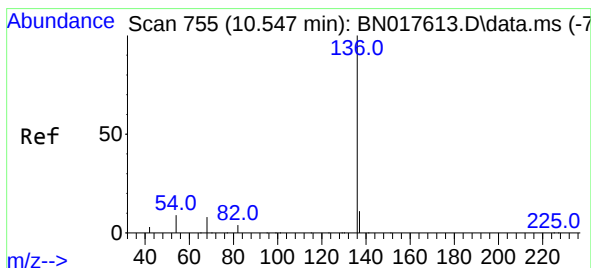
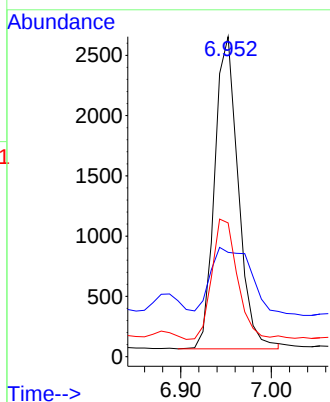
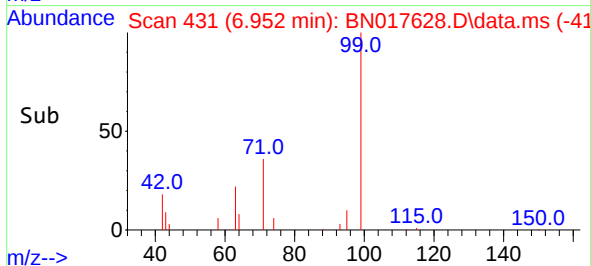
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ClientSampleId :
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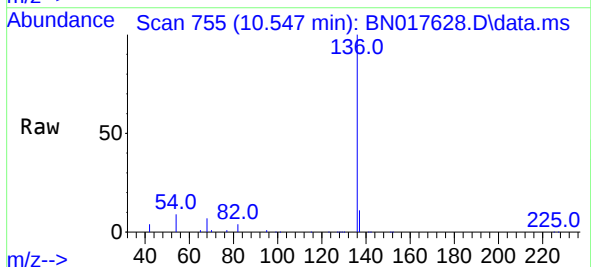
Tgt Ion: 99 Resp: 4689
Ion Ratio Lower Upper
99 100
42 33.3 17.0 25.6
71 41.4 24.8 37.2

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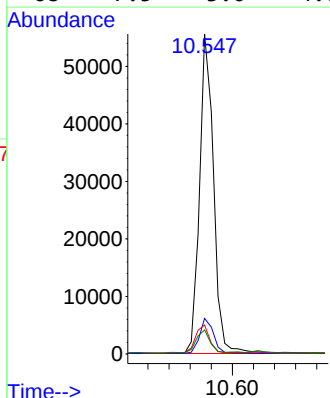
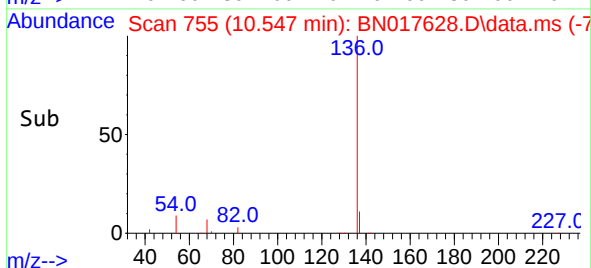
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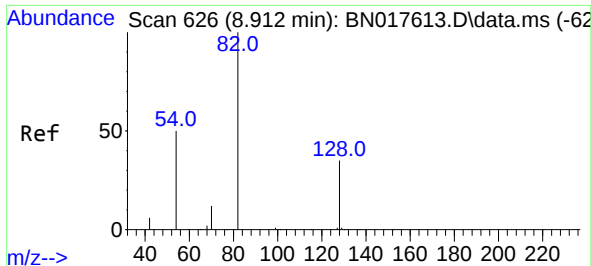


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



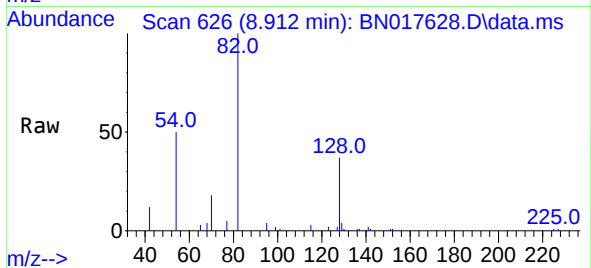
Tgt Ion:136 Resp: 103014
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.1 4.0 6.0#
68 7.5 3.0 4.6#





#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.912 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

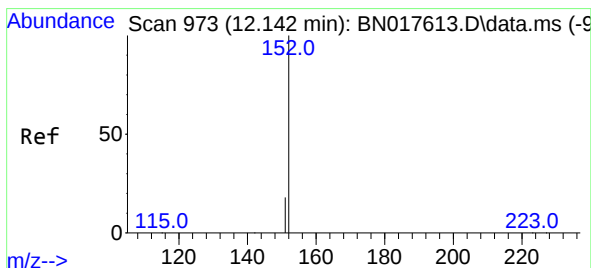
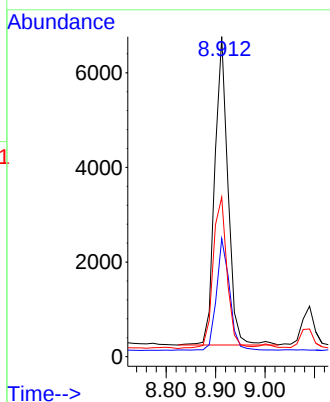
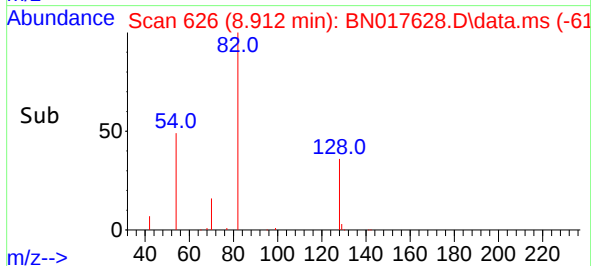
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 1207
Ion Ratio Lower Upper
82 100
128 36.9 27.7 41.5
54 49.8 49.2 73.8

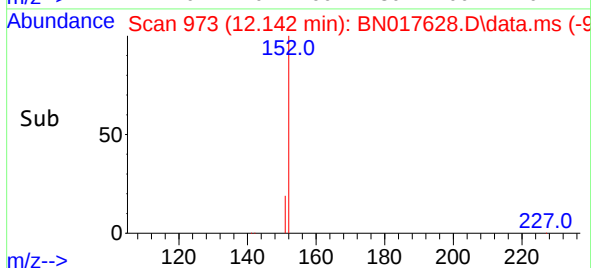
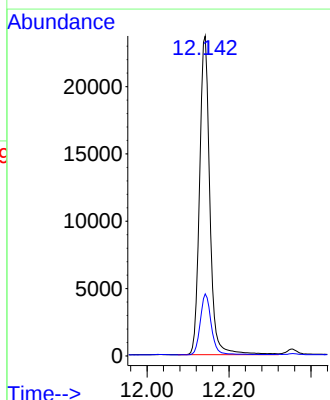
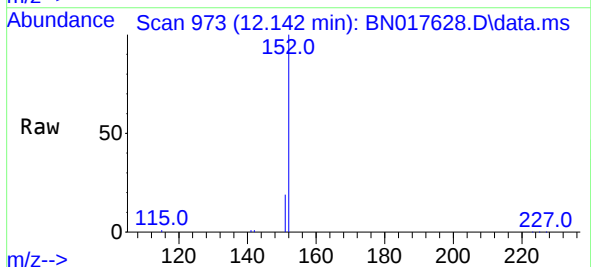
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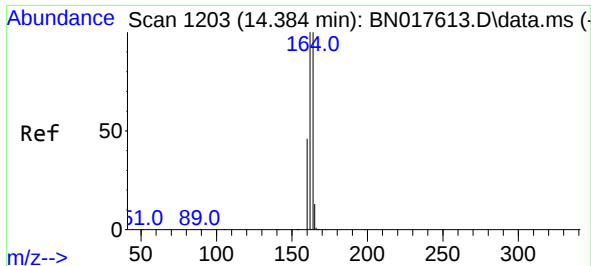
Reviewed By :Jagrut Upadhyay 12/01/2021
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#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 12.142 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

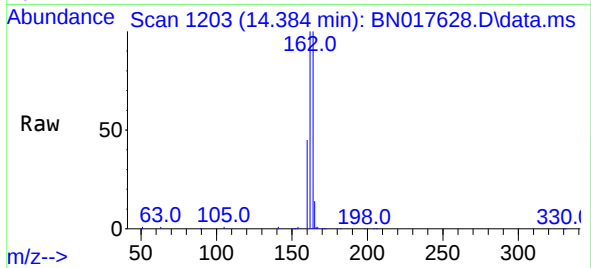
Tgt Ion:152 Resp: 41192
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

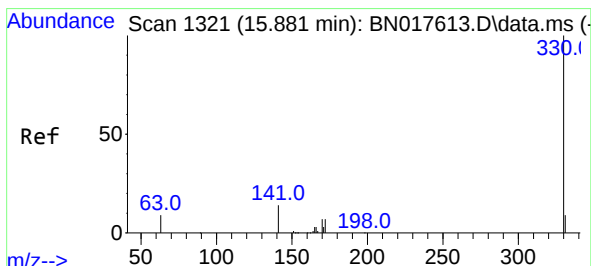
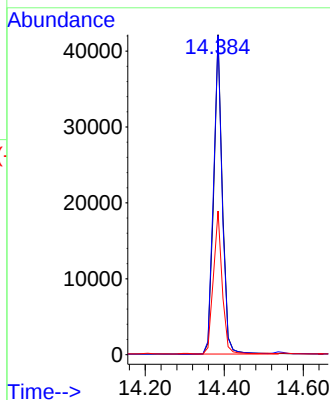
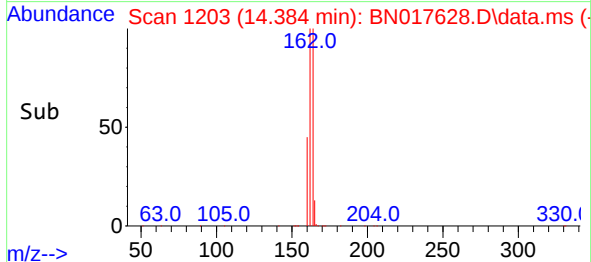
Instrument :
BNA_N
ClientSampleId :
CS-3B



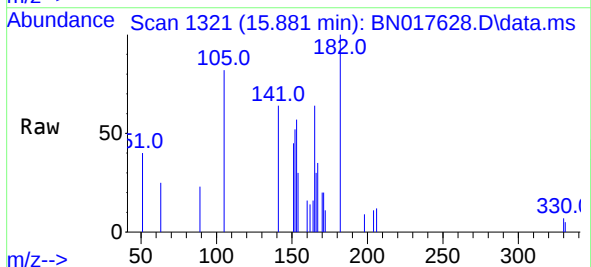
Tgt Ion:164 Resp: 64120
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.2
160 44.9 36.8 55.2

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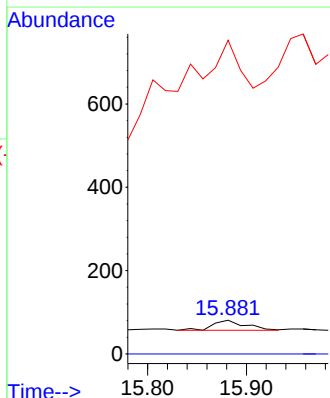
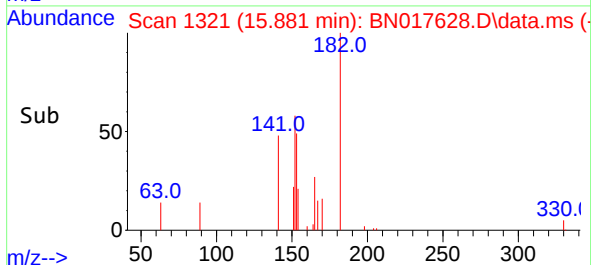
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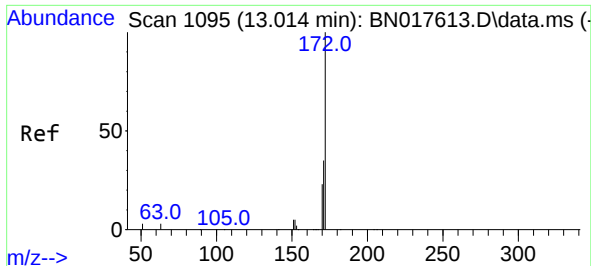


#14
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 15.881 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



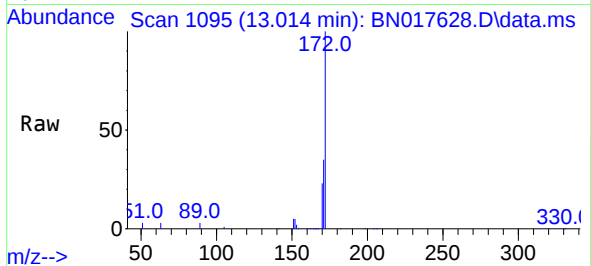
Tgt Ion:330 Resp: 55
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 443.6 28.9 43.3#





#15
2-Fluorobiphenyl
Concen: 0.21 ng
RT: 13.014 min Scan# 1095
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

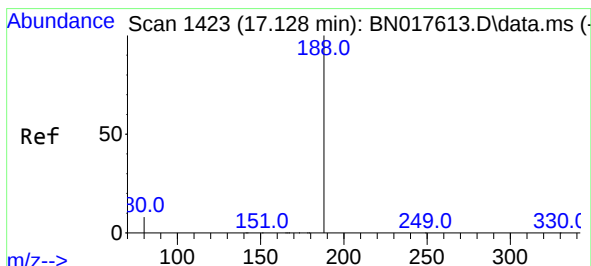
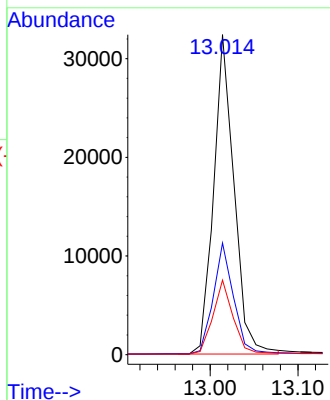
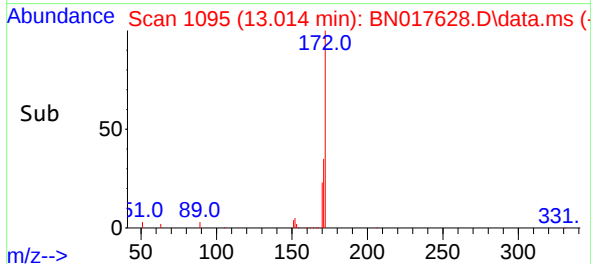
Instrument :
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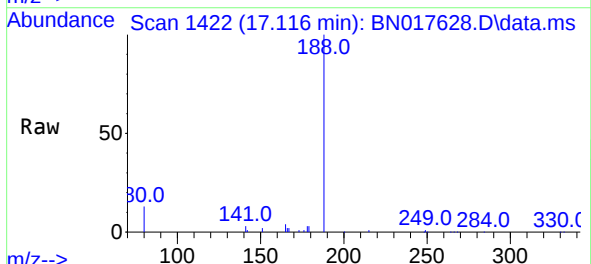
Tgt Ion:172 Resp: 52315
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.3 19.4 29.2

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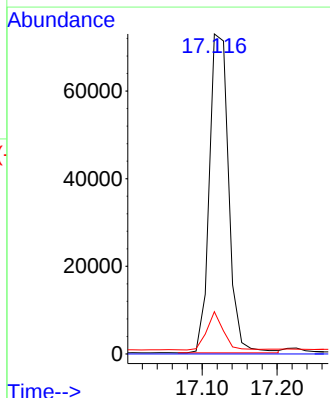
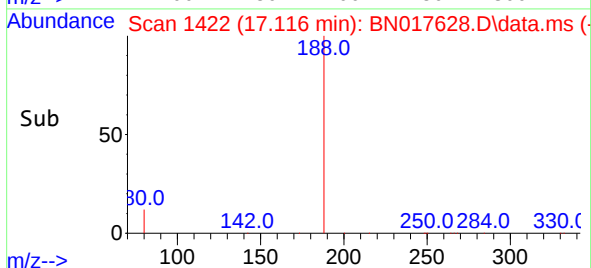
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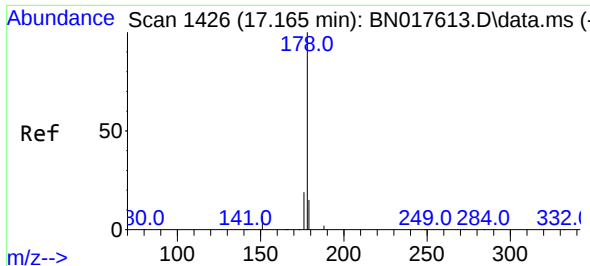


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



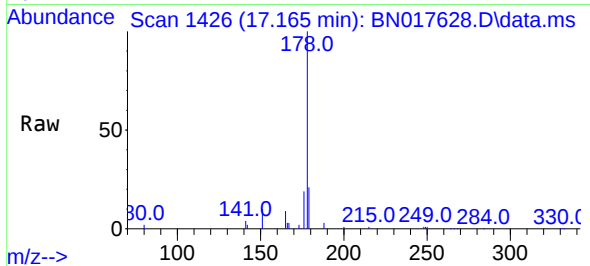
Tgt Ion:188 Resp: 130220
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 6.1 9.1#





#25
Phenanthrene
Concen: 0.20 ng m
RT: 17.165 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

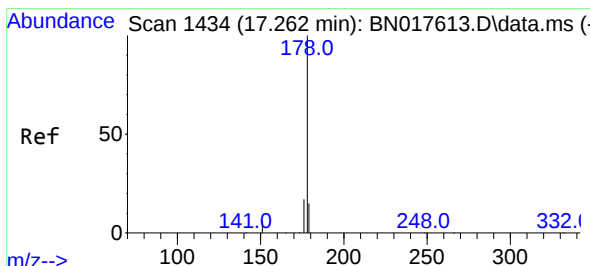
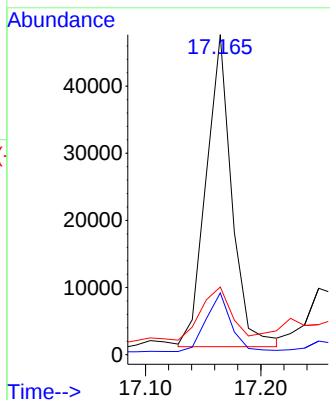
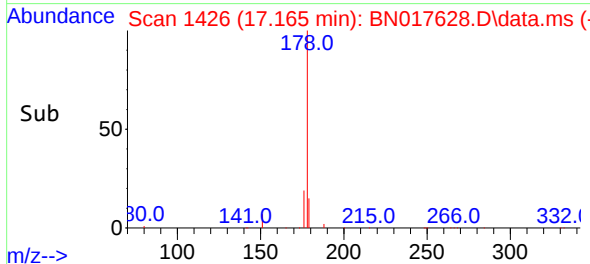
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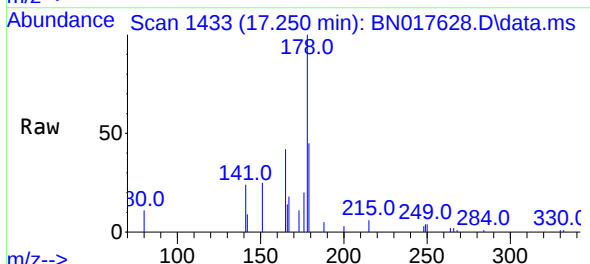
Tgt Ion:178 Resp: 72039
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 26.5 12.3 18.5

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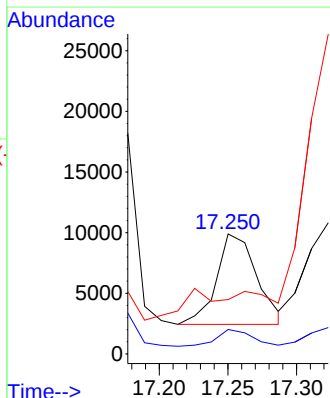
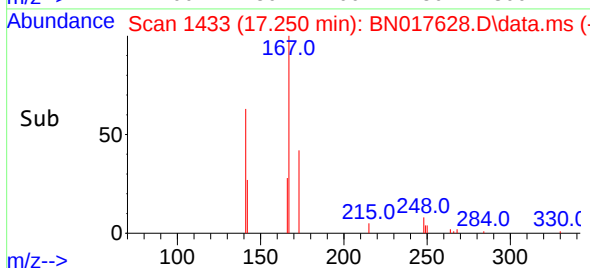
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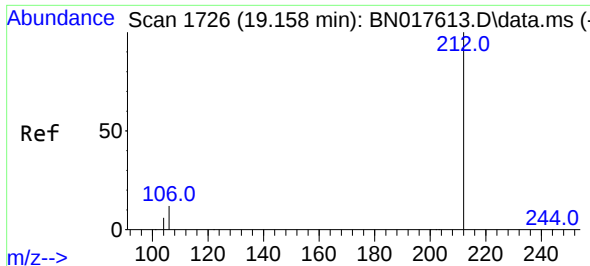


#26
Anthracene
Concen: 0.05 ng
RT: 17.250 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



Tgt Ion:178 Resp: 15214
Ion Ratio Lower Upper
178 100
176 16.4 14.6 22.0
179 0.0 12.2 18.4





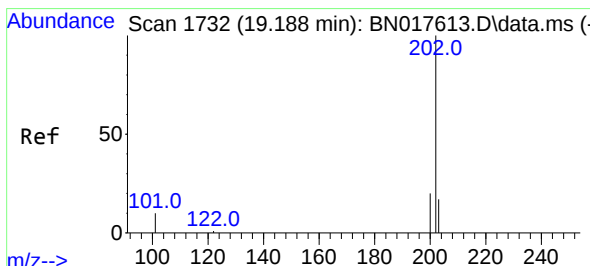
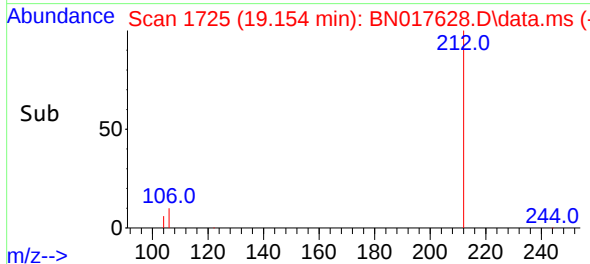
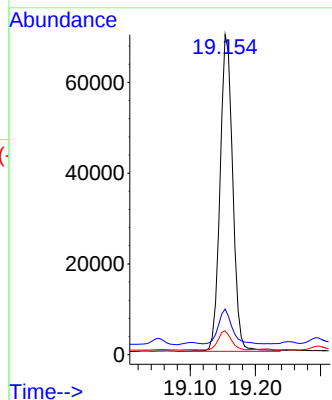
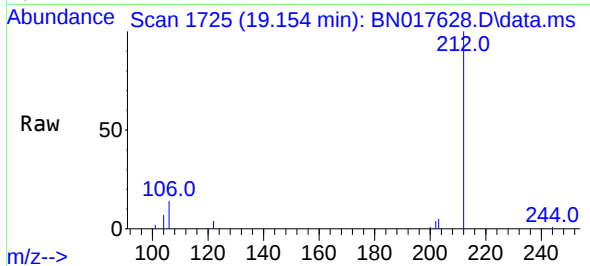
#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.154 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Instrument :
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ClientSampleId :
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Tgt Ion:212 Resp: 9438
Ion Ratio Lower Upper
212 100
106 11.8 10.5 15.7
104 6.1 5.8 8.6

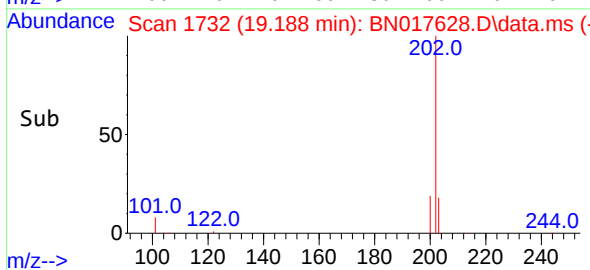
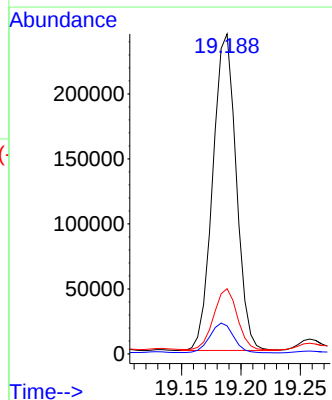
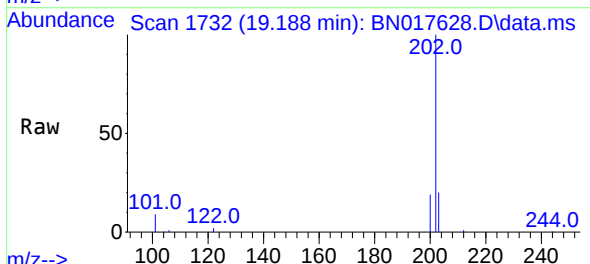
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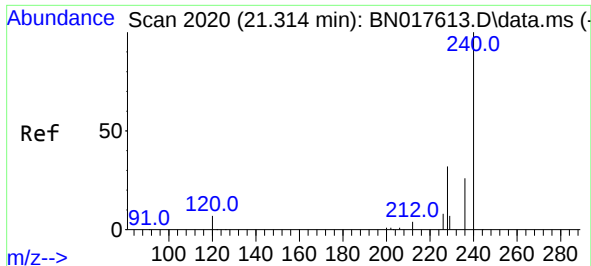
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#28
Fluoranthene
Concen: 0.83 ng
RT: 19.188 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

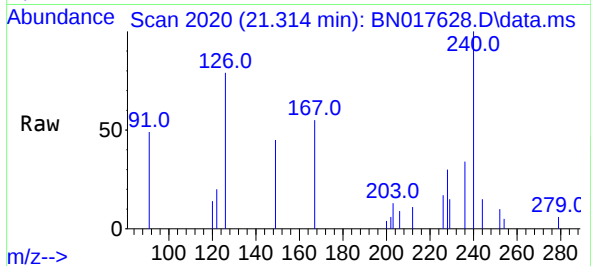
Tgt Ion:202 Resp: 334176
Ion Ratio Lower Upper
202 100
101 9.5 8.9 13.3
203 19.3 13.8 20.6





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

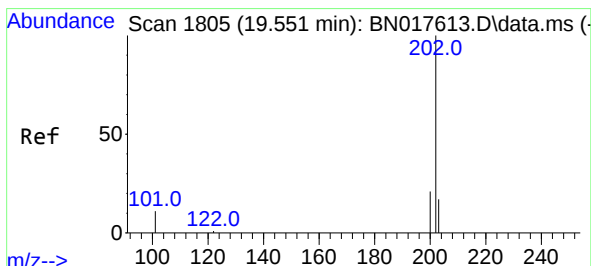
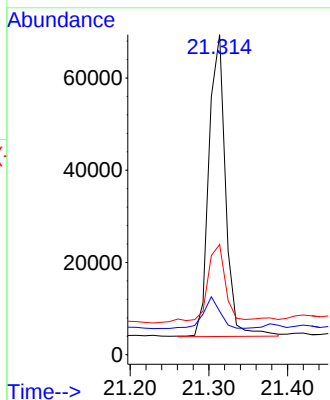
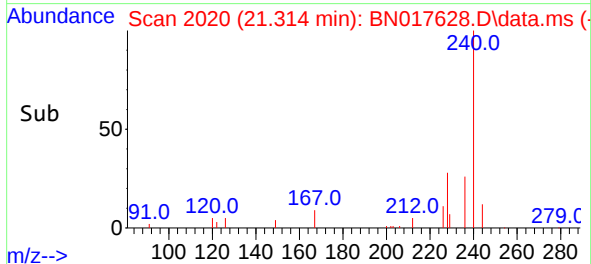
Instrument :
BNA_N
ClientSampleId :
CS-3B



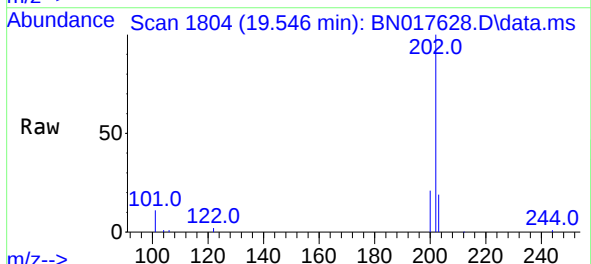
Tgt Ion:240 Resp: 9615
Ion Ratio Lower Upper
240 100
120 13.6 4.2 6.2
236 34.4 20.0 30.0

Manual Integrations
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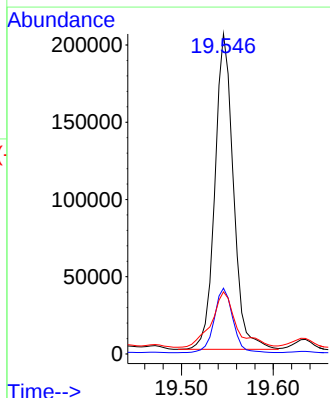
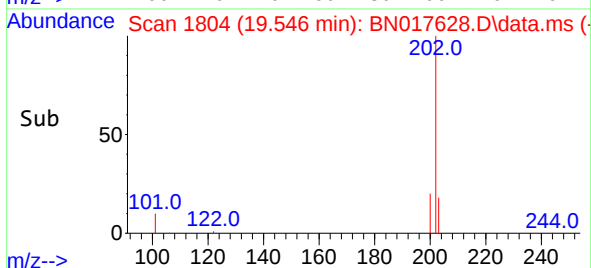
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

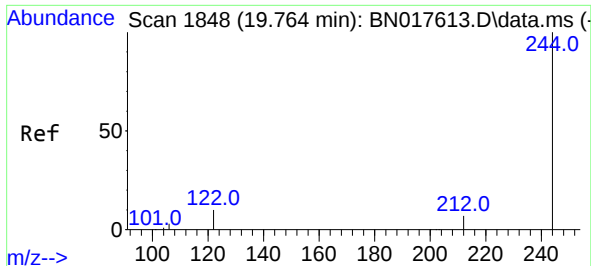


#30
Pyrene
Concen: 0.92 ng
RT: 19.546 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



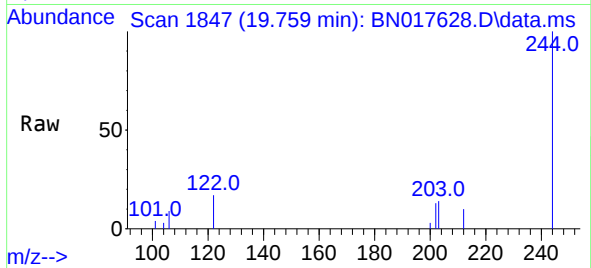
Tgt Ion:202 Resp: 285812
Ion Ratio Lower Upper
202 100
200 20.6 16.5 24.7
203 23.3 14.0 21.0





#31
Terphenyl-d14
Concen: 0.31 ng
RT: 19.759 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

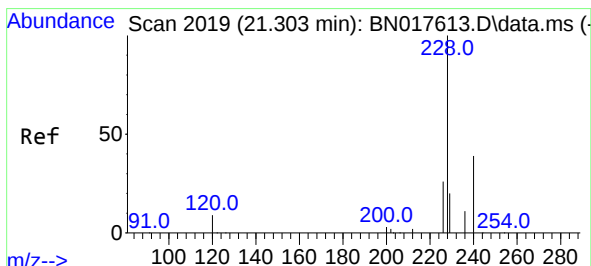
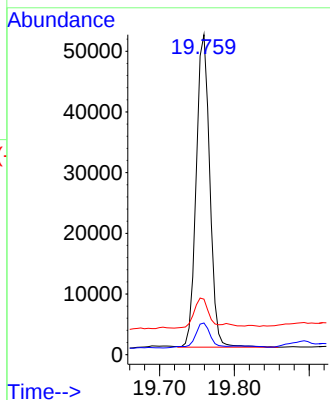
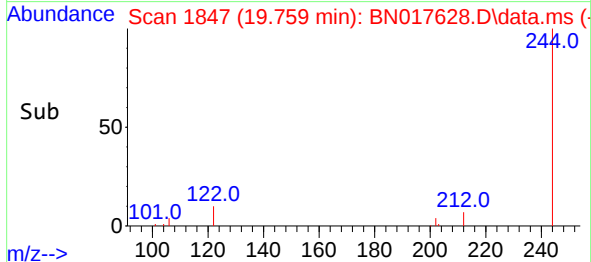
Instrument :
BNA_N
ClientSampleId :
CS-3B



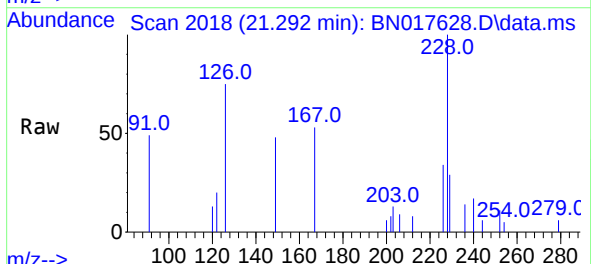
Tgt Ion:244 Resp: 64650
Ion Ratio Lower Upper
244 100
212 9.9 5.7 8.5#
122 17.3 8.6 13.0#

Manual Integrations
APPROVED

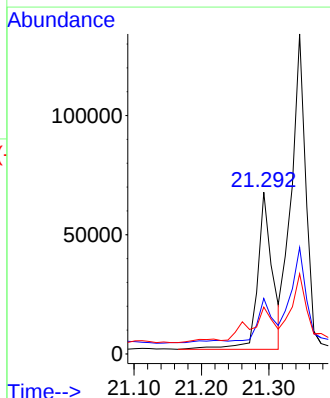
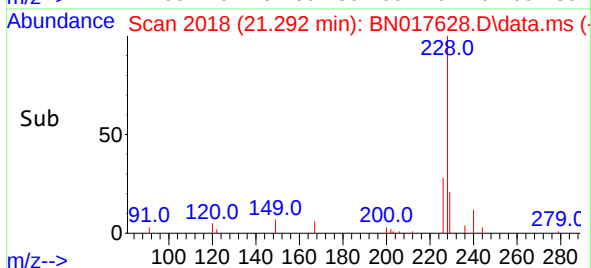
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

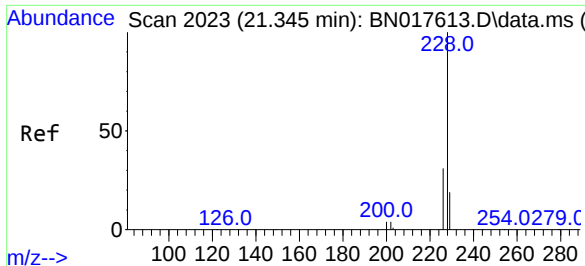


#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.292 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



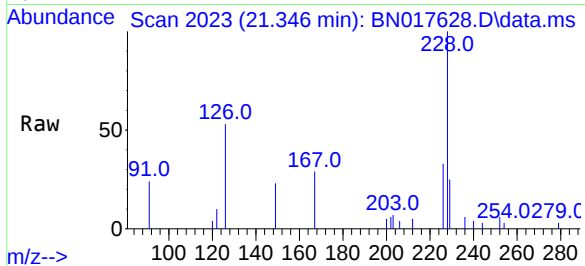
Tgt Ion:228 Resp: 99260
Ion Ratio Lower Upper
228 100
226 34.3 21.3 31.9#
229 28.9 15.7 23.5#





#33
Chrysene
Concen: 0.62 ng
RT: 21.346 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

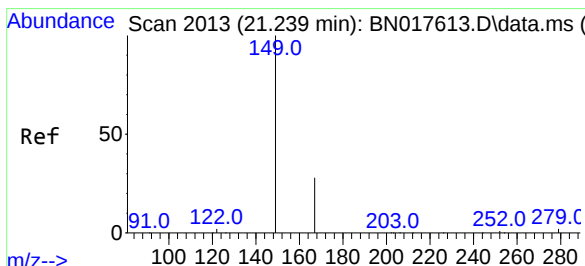
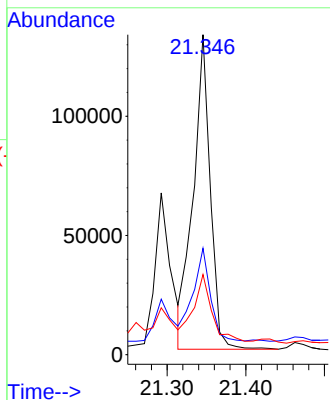
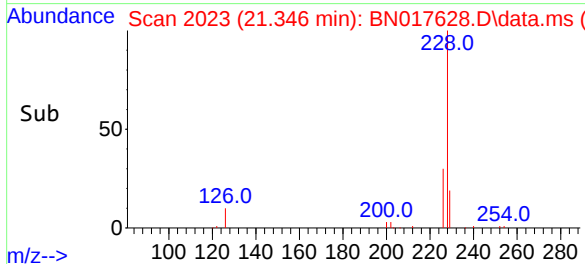
Instrument :
BNA_N
ClientSampleId :
CS-3B



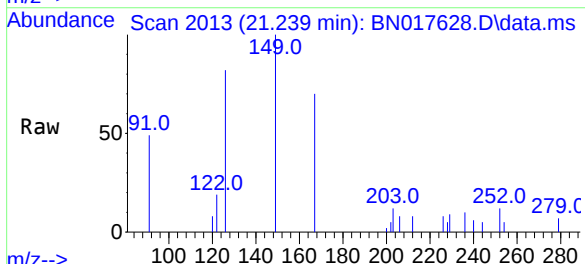
Tgt Ion:228 Resp: 198317
Ion Ratio Lower Upper
228 100
226 33.3 23.3 34.9
229 25.0 15.6 23.4

Manual Integrations
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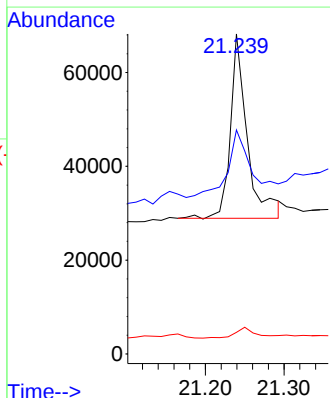
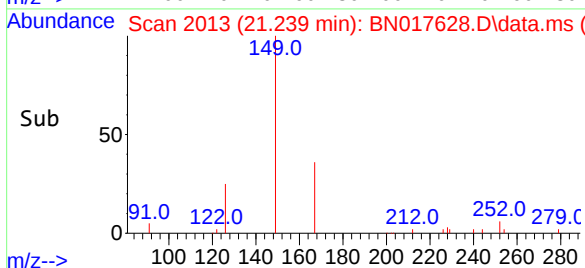
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

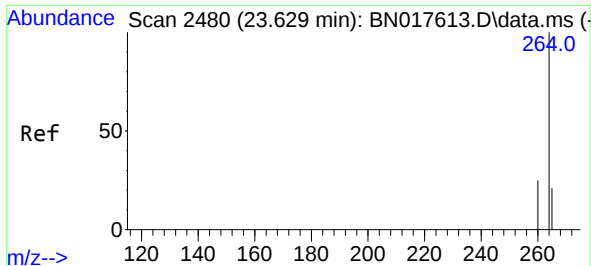


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.85 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



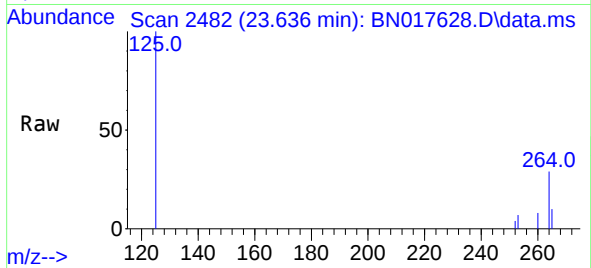
Tgt Ion:149 Resp: 58935
Ion Ratio Lower Upper
149 100
167 53.1 21.8 32.6#
279 6.7 3.4 5.0#





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.636 min Scan# 2480
Delta R.T. 0.007 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

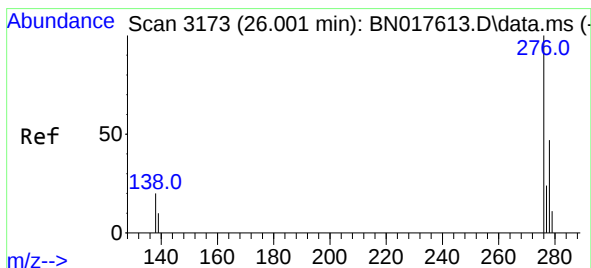
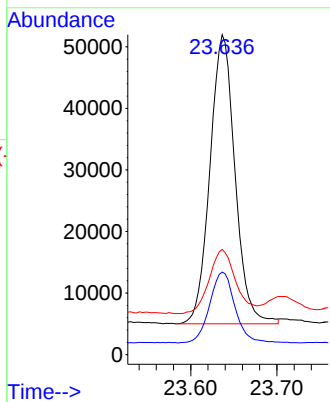
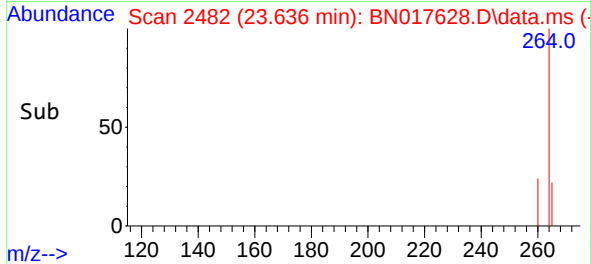
Instrument :
BNA_N
ClientSampleId :
CS-3B



Tgt Ion:264 Resp: 9498
Ion Ratio Lower Upper
264 100
260 25.8 19.4 29.2
265 32.9 18.6 28.0

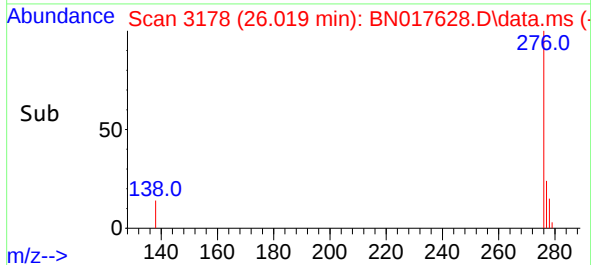
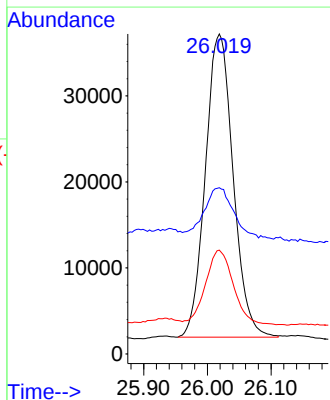
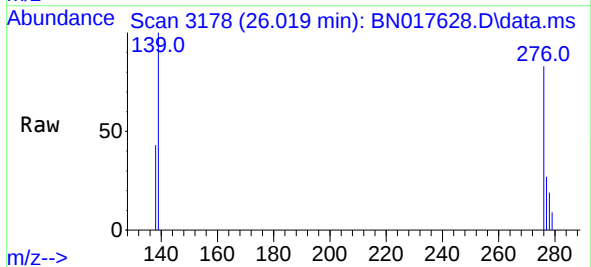
Manual Integrations
APPROVED

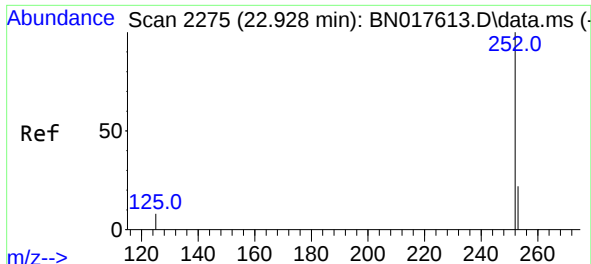
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.019 min Scan# 3178
Delta R.T. 0.017 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

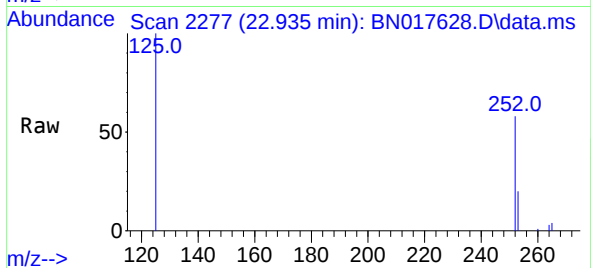
Tgt Ion:276 Resp: 106798
Ion Ratio Lower Upper
276 100
138 17.3 19.7 29.5#
277 24.6 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.80 ng
RT: 22.935 min Scan# 2277
Delta R.T. 0.007 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

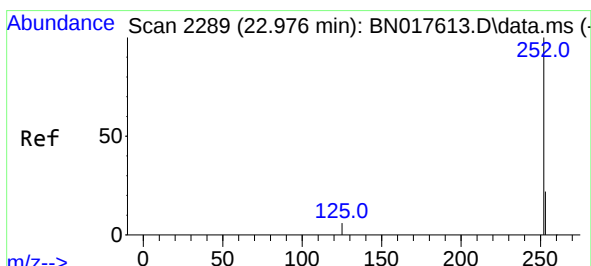
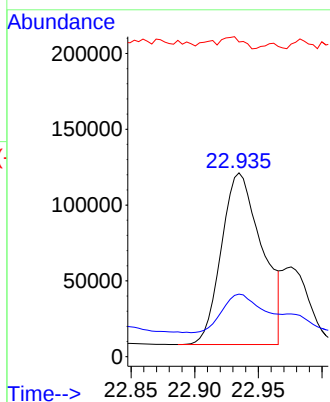
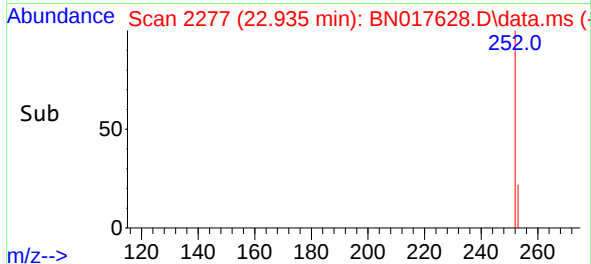
Instrument :
BNA_N
ClientSampleId :
CS-3B



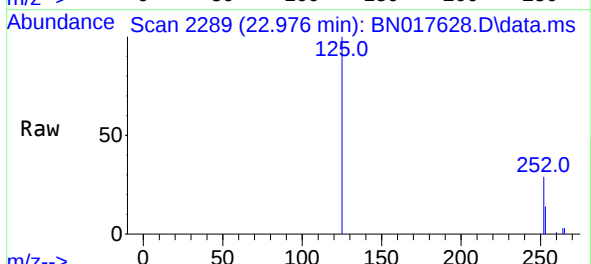
Tgt Ion:252 Resp: 25195
Ion Ratio Lower Upper
252 100
253 34.0 17.7 26.5#
125 171.2 7.8 11.8#

Manual Integrations
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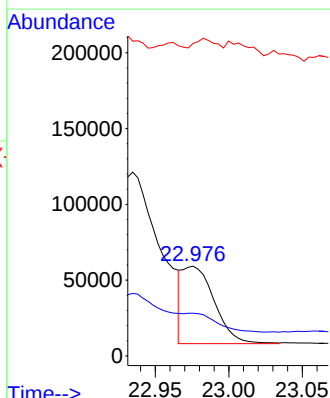
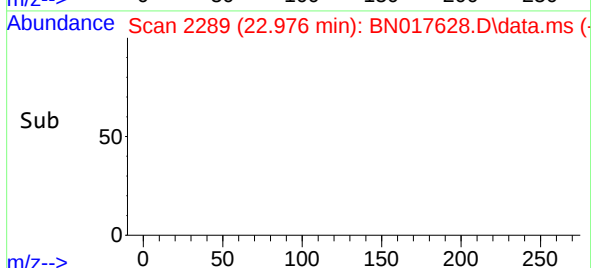
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

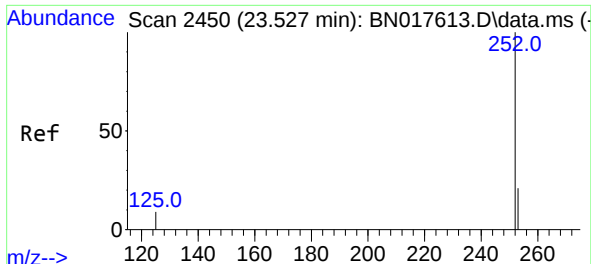


#38
Benzo(k)fluoranthene
Concen: 0.24 ng m
RT: 22.976 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



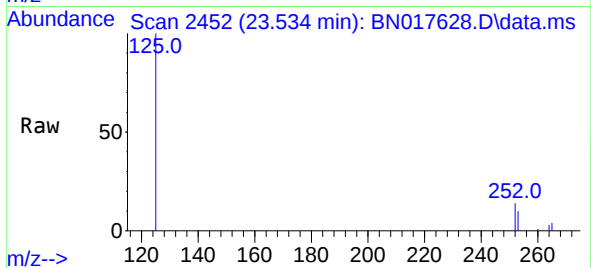
Tgt Ion:252 Resp: 76770
Ion Ratio Lower Upper
252 100
253 47.6 17.7 26.5#
125 348.5 8.2 12.2#





#39
Benzo(a)pyrene
Concen: 0.13 ng
RT: 23.534 min Scan# 2450
Delta R.T. 0.007 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

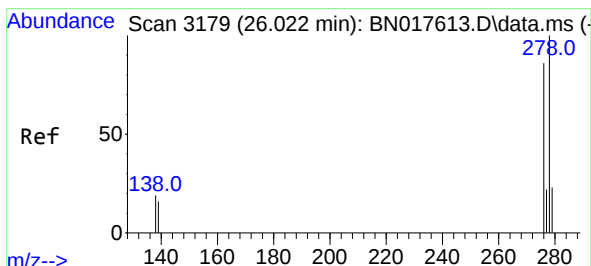
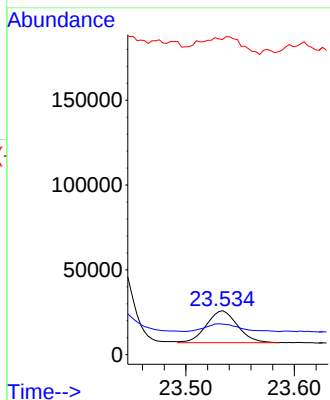
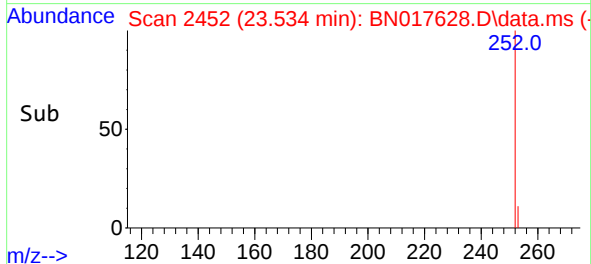
Instrument :
BNA_N
ClientSampleId :
CS-3B



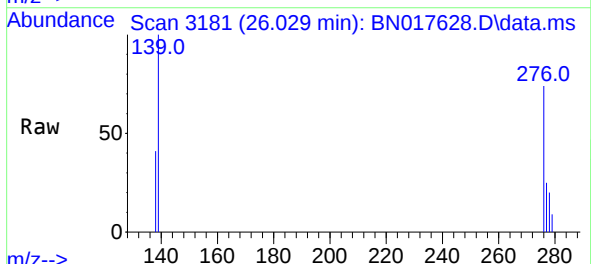
Tgt Ion:252 Resp: 3763
Ion Ratio Lower Upper
252 100
253 69.7 17.9 26.9#
125 717.0 9.2 13.8#

Manual Integrations
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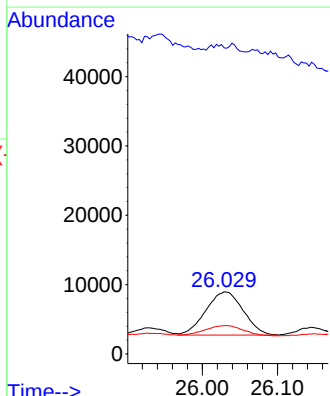
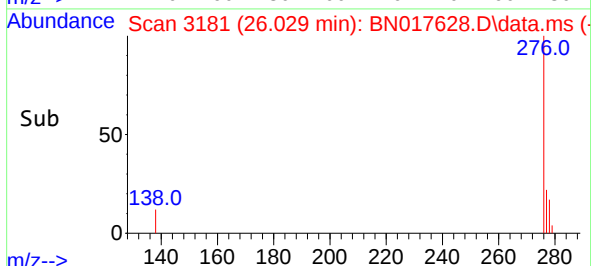
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

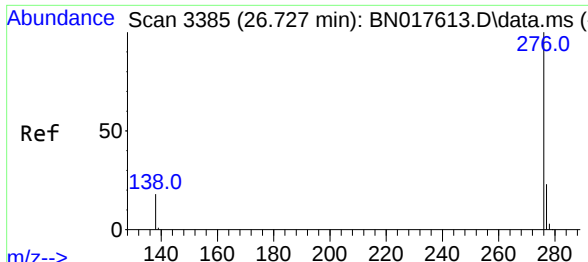


#40
Dibenzo(a,h)anthracene
Concen: 0.09 ng
RT: 26.029 min Scan# 3181
Delta R.T. 0.007 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48



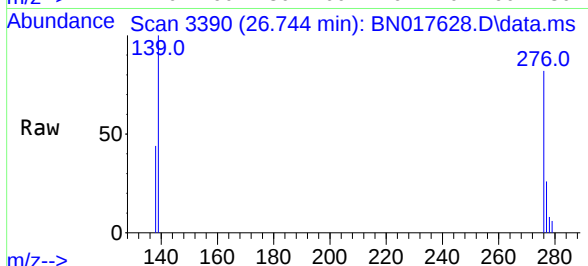
Tgt Ion:278 Resp: 21594
Ion Ratio Lower Upper
278 100
139 491.8 13.0 19.6#
279 45.6 19.2 28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 26.744 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN017628.D
Acq: 01 Dec 2021 00:48

Instrument :
BNA_N
ClientSampleId :
CS-3B



Tgt Ion:276 Resp: 9149
Ion Ratio Lower Upper
276 100
277 32.1 19.0 28.4
138 53.7 17.1 25.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

