

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
 Data File : BN021719.D
 Acq On : 12 Sep 2022 17:39
 Operator : CG/JU
 Sample : N4508-09RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-HRE

Quant Time: Sep 13 03:14:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 13 02:32:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/13/2022
 Supervised By : Jagrut Upadhyay 09/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.061	152	2037	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	6319	0.400	ng	# 0.00
13) Acenaphthene-d10	14.718	164	4673	0.400	ng	# 0.01
19) Phenanthrene-d10	17.459	188	6182	0.400	ng	# 0.00
29) Chrysene-d12	21.655	240	4138	0.400	ng	# 0.00
35) Perylene-d12	24.170	264	3660	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	679	0.170	ng	0.00
5) Phenol-d6	7.216	99	497	0.098	ng	0.00
8) Nitrobenzene-d5	9.232	82	1429m	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.474	152	3800	0.267	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	465	0.303	ng	0.00
15) 2-Fluorobiphenyl	13.338	172	4269	0.209	ng	0.00
27) Fluoranthene-d10	19.497	212	5112	0.322	ng	0.00
31) Terphenyl-d14	20.088	244	2692	0.289	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	11044	4.335	ng	# 91
9) Naphthalene	10.941	128	479	0.026	ng	# 57
34) Bis(2-ethylhexyl)phtha...	21.547	149	1751	0.302	ng	98
36) Indeno(1,2,3-cd)pyrene	26.828	276	445	0.027	ng	# 71
40) Dibenzo(a,h)anthracene	26.851	278	537	0.040	ng	# 1

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

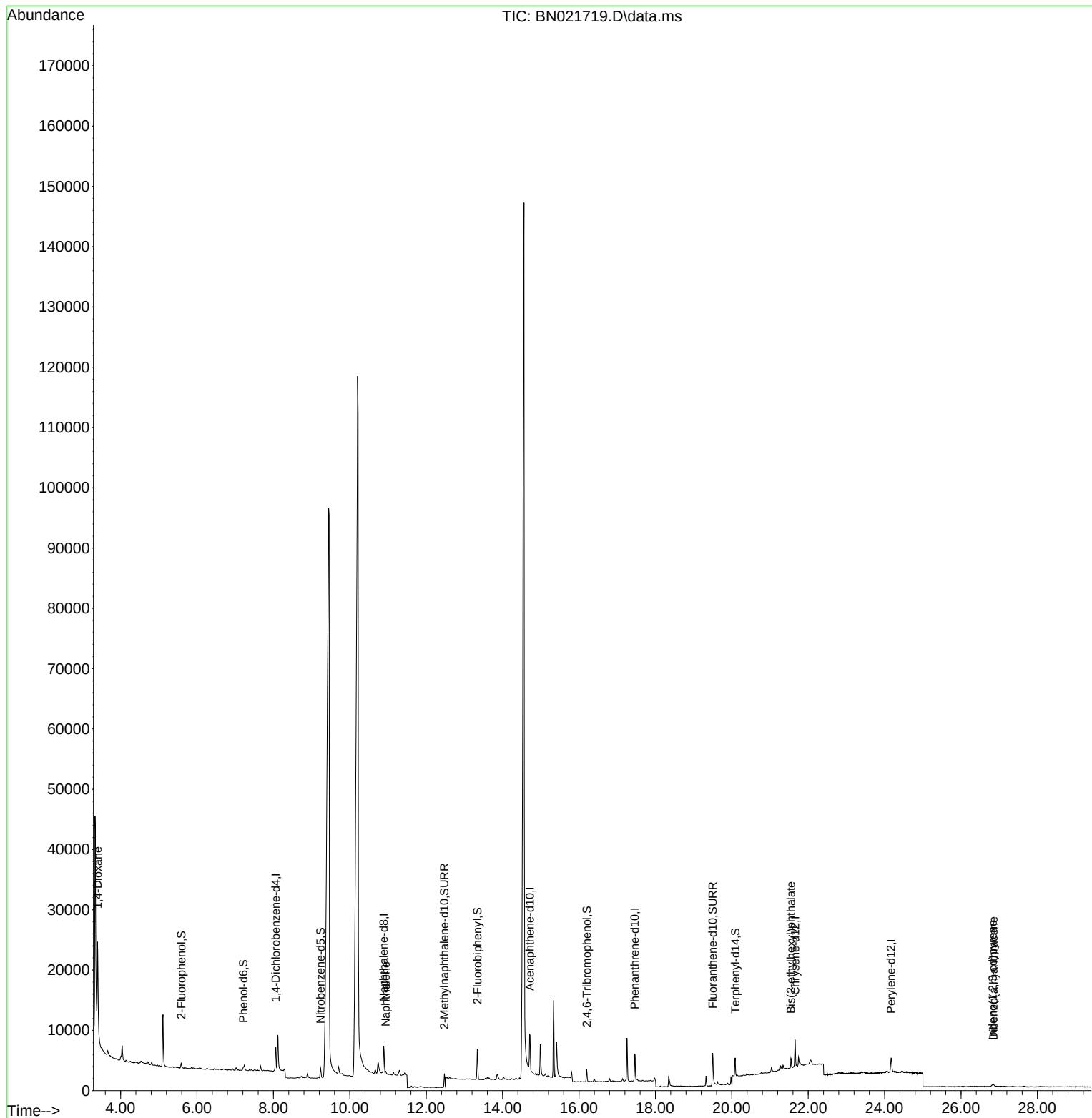
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091222\
Data File : BN021719.D
Acq On : 12 Sep 2022 17:39
Operator : CG/JU
Sample : N4508-09RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

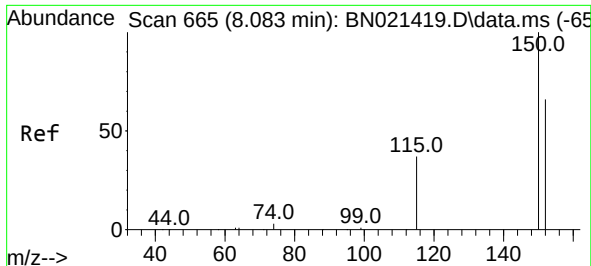
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-HRE

Quant Time: Sep 13 03:14:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 02:32:27 2022
Response via : Initial Calibration

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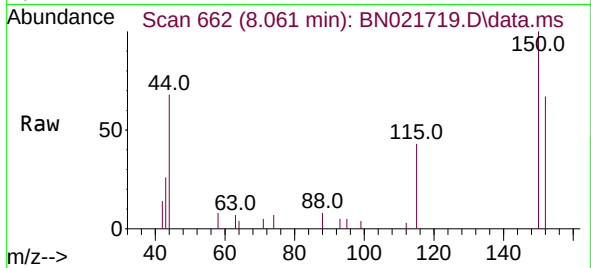
Reviewed By : Christian Giraldo 09/13/2022
Supervised By : Jagrut Upadhyay 09/13/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.061 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN021719.D
 Acq: 12 Sep 2022 17:39

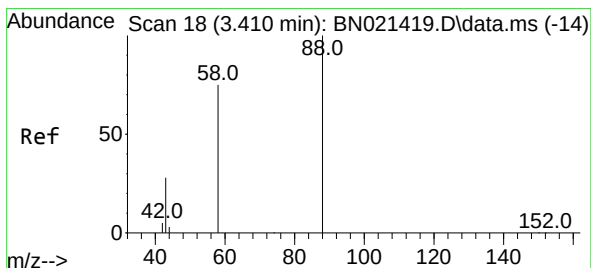
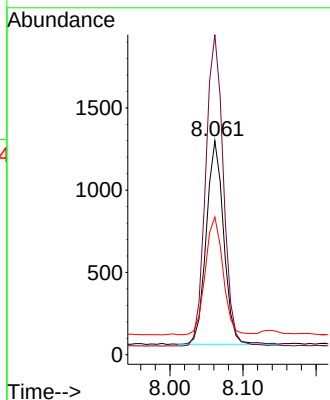
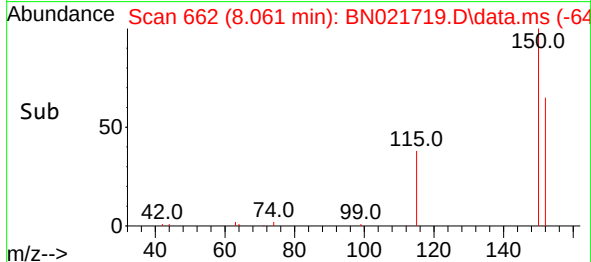
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-HRE



Tgt Ion: 152 Resp: 203
 Ion Ratio Lower Upper
 152 100
 150 149.6 121.4 182.0
 115 64.5 48.6 72.8

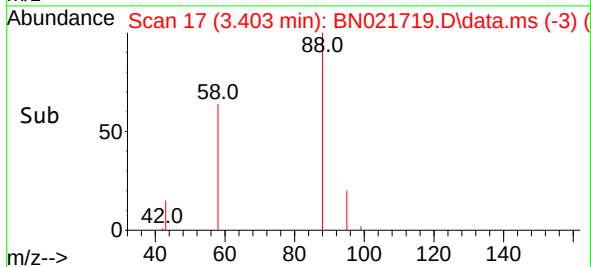
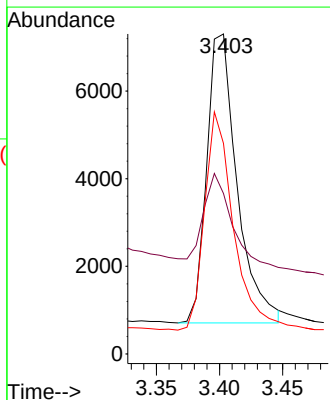
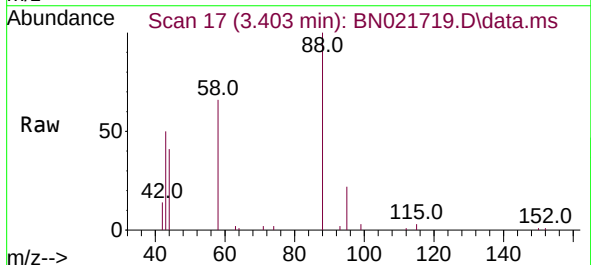
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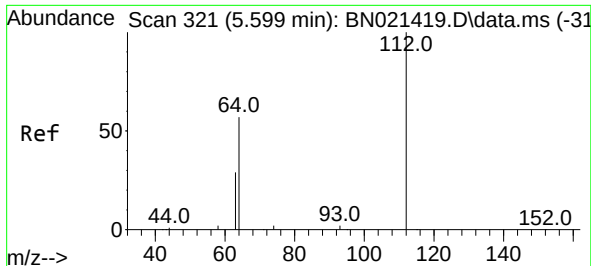
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#2
 1,4-Dioxane
 Concen: 4.335 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN021719.D
 Acq: 12 Sep 2022 17:39

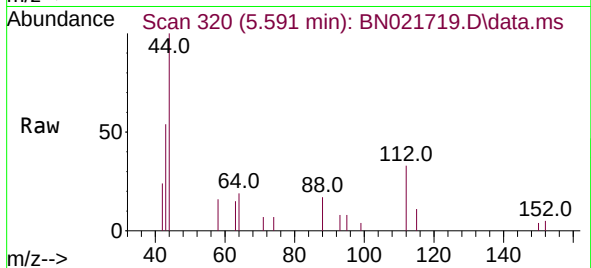
Tgt Ion: 88 Resp: 11044
 Ion Ratio Lower Upper
 88 100
 43 30.1 35.8 53.8
 58 71.5 57.1 85.7





#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.591 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

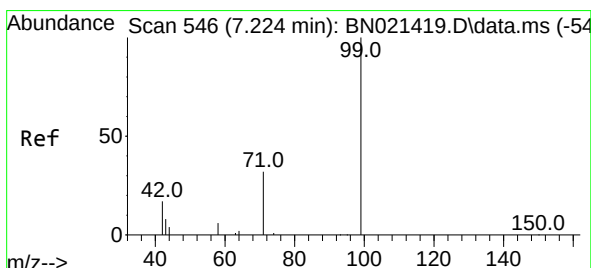
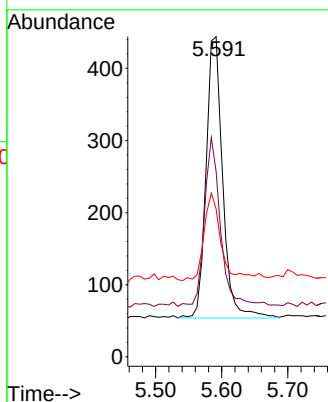
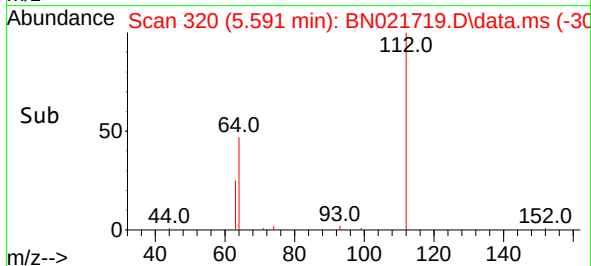
Instrument :
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ClientSampleId :
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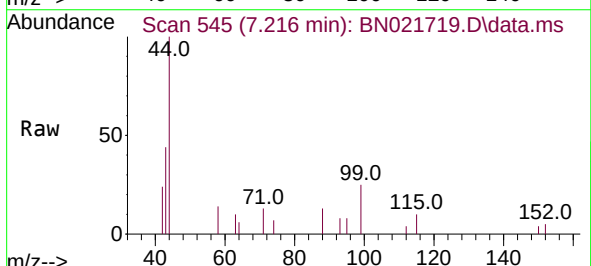
Tgt Ion:112 Resp: 679
Ion Ratio Lower Upper
112 100
64 58.5 43.5 65.3
63 32.7 22.6 34.0

Manual Integrations
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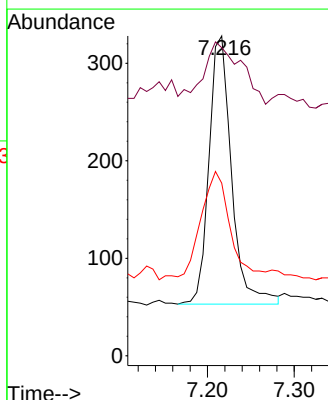
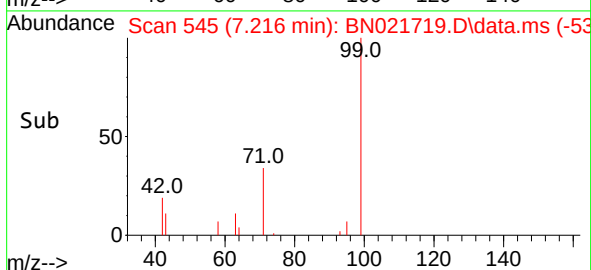
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Supervised By :Jagrut Upadhyay 09/13/2022

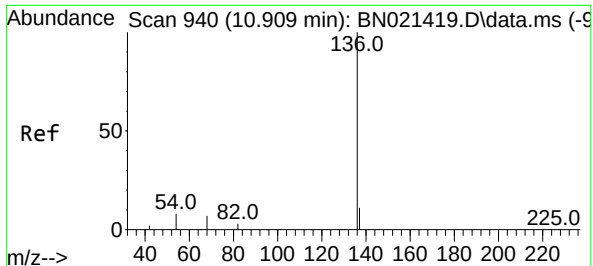


#5
Phenol-d6
Concen: 0.098 ng
RT: 7.216 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39



Tgt Ion: 99 Resp: 497
Ion Ratio Lower Upper
99 100
42 36.6 15.5 23.3#
71 47.5 24.2 36.2#





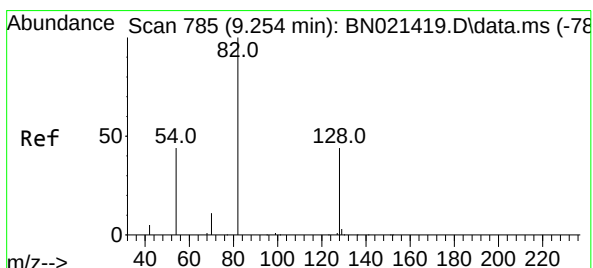
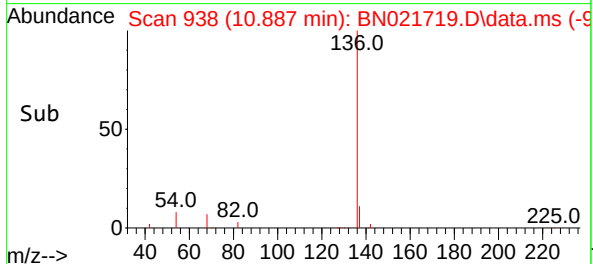
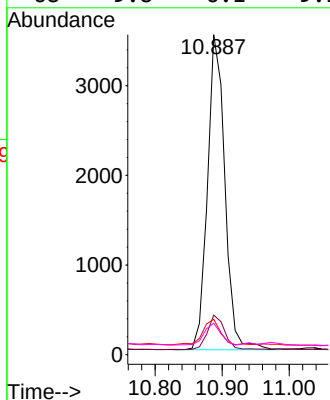
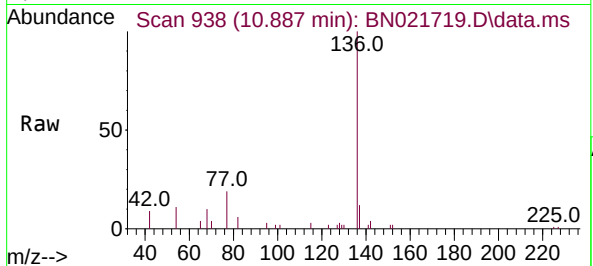
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-HRE

Tgt Ion:	136	Resp:	6319
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	11.0	6.9	10.3
68	9.8	6.1	9.1

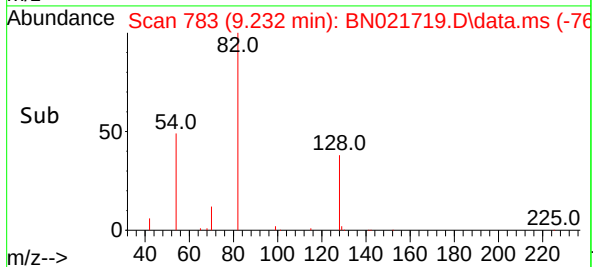
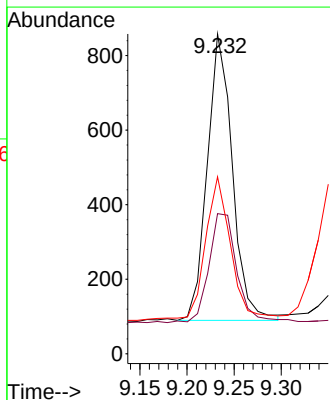
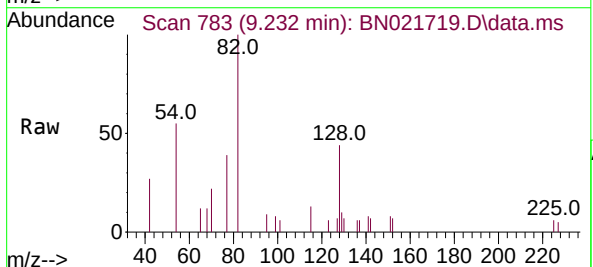
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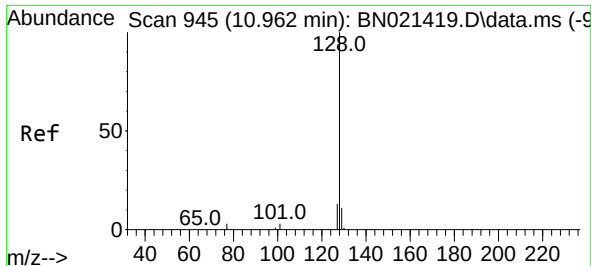
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#8
Nitrobenzene-d5
Concen: 0.335 ng m
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

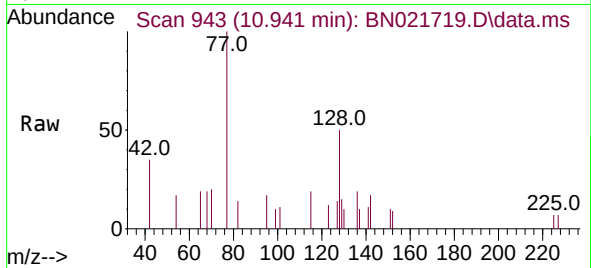
Tgt Ion:	82	Resp:	1429
Ion	Ratio	Lower	Upper
82	100		
128	43.8	30.9	46.3
54	55.4	42.7	64.1





#9
Naphthalene
Concen: 0.026 ng
RT: 10.941 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

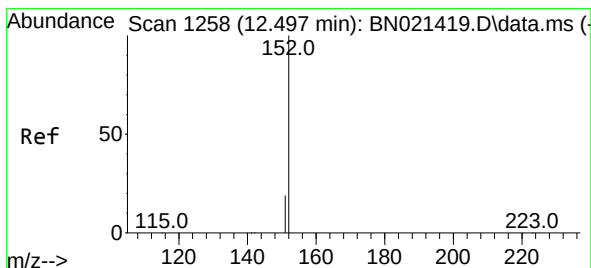
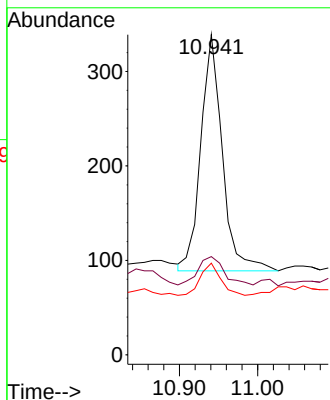
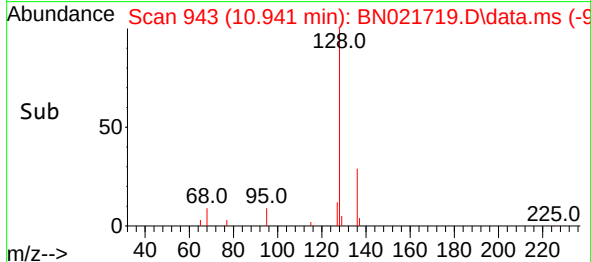
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-HRE



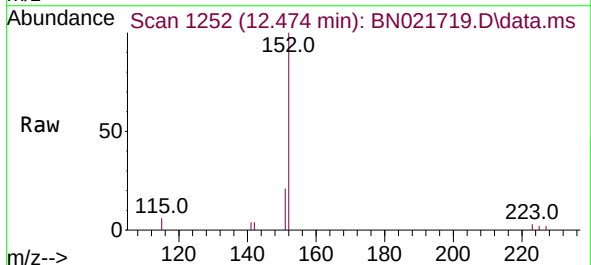
Tgt Ion:128 Resp: 479
Ion Ratio Lower Upper
128 100
129 30.7 9.3 13.9
127 28.6 11.0 16.4

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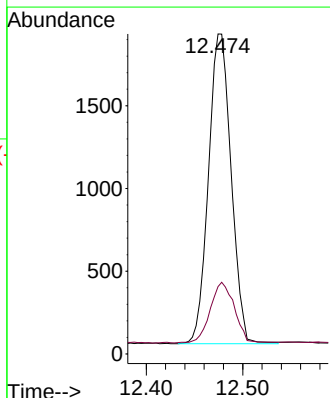
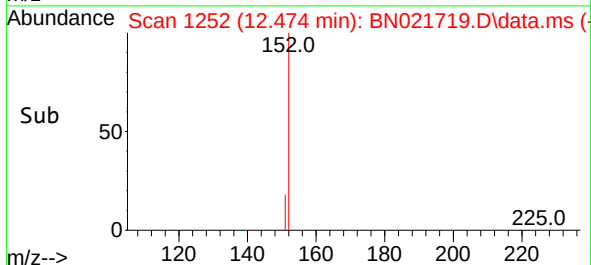
Reviewed By :Christian Giraldo 09/13/2022
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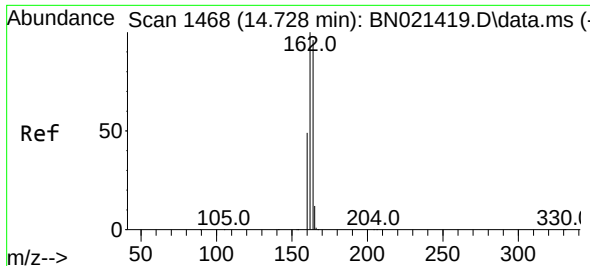


#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 12.474 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39



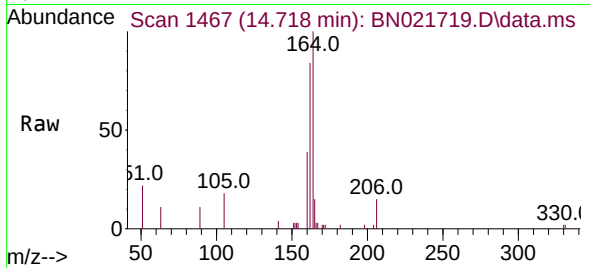
Tgt Ion:152 Resp: 3800
Ion Ratio Lower Upper
152 100
151 20.5 14.5 21.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.011 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

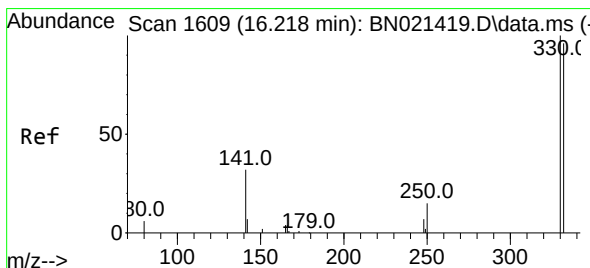
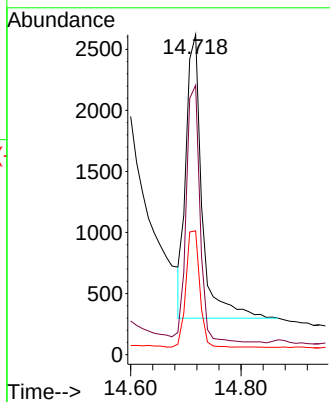
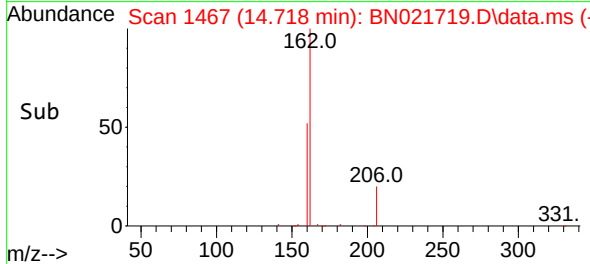
Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-HRE



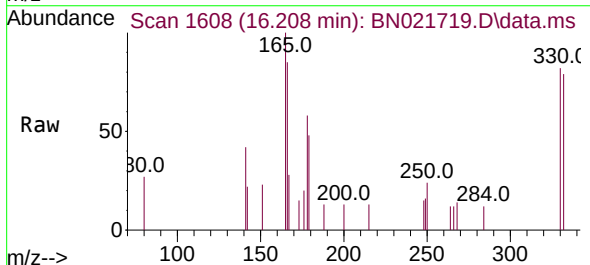
Tgt Ion:164 Resp: 467
Ion Ratio Lower Upper
164 100
162 84.2 82.2 123.4
160 38.7 39.5 59.3

Manual Integrations
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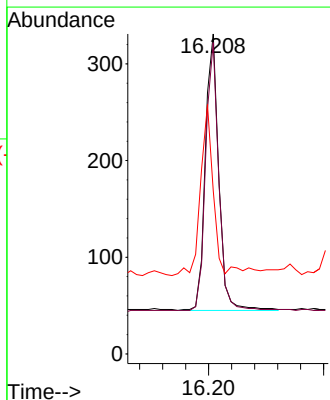
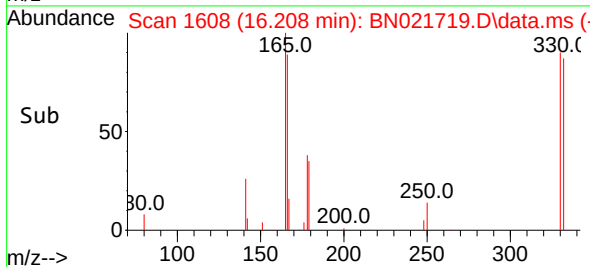
Reviewed By :Christian Giraldo 09/13/2022
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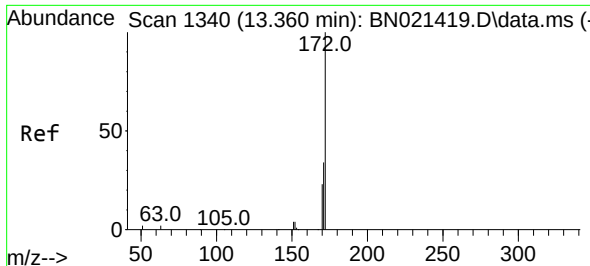


#14
2,4,6-Tribromophenol
Concen: 0.303 ng
RT: 16.208 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39



Tgt Ion:330 Resp: 465
Ion Ratio Lower Upper
330 100
332 94.6 79.3 118.9
141 59.1 37.1 55.7





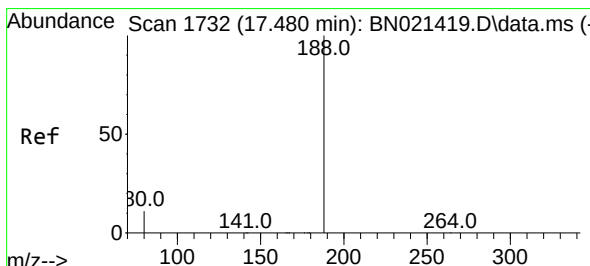
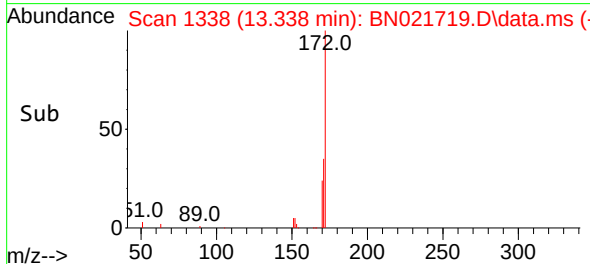
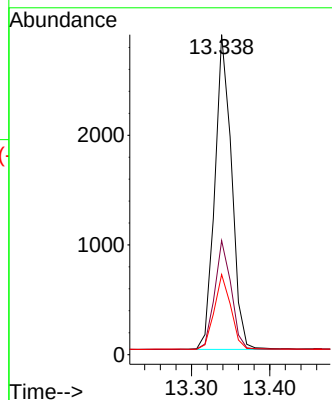
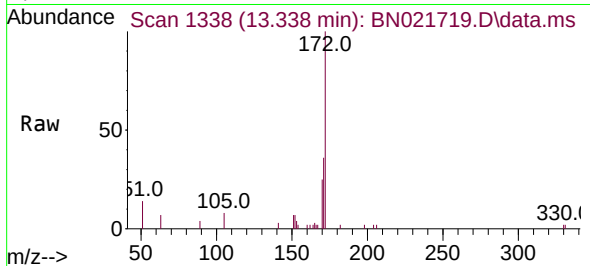
#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.338 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

Instrument :
BNA_N
ClientSampleId :
BR-03-117-137-090222-HRE

Tgt Ion:172 Resp: 4269
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.6
170 25.0 18.6 28.0

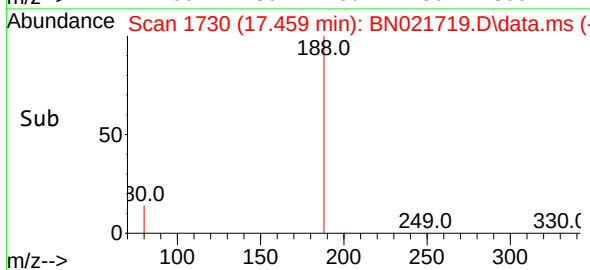
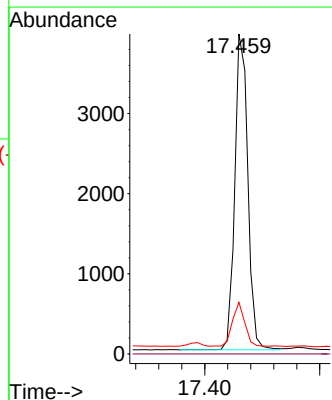
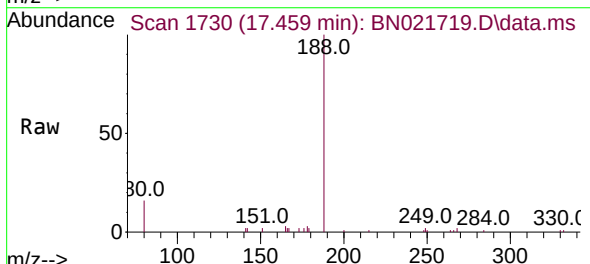
Manual Integrations
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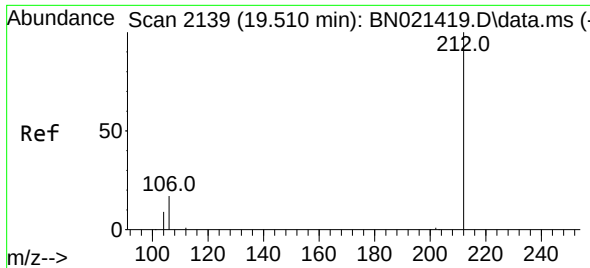
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.459 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

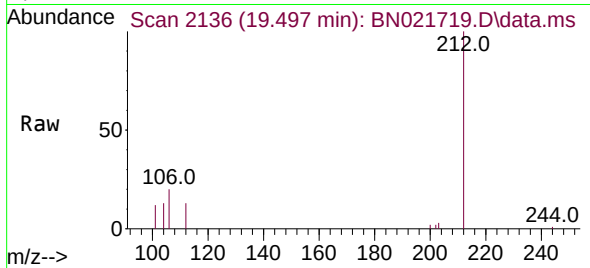
Tgt Ion:188 Resp: 6182
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 9.5 14.3#





#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.497 min Scan# 2136
Delta R.T. 0.004 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

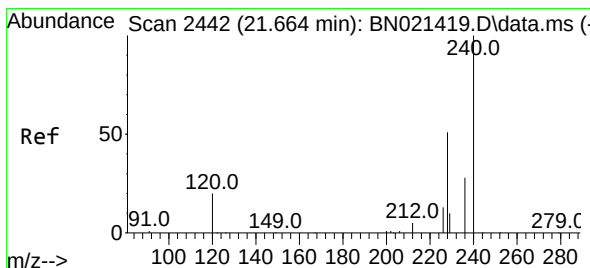
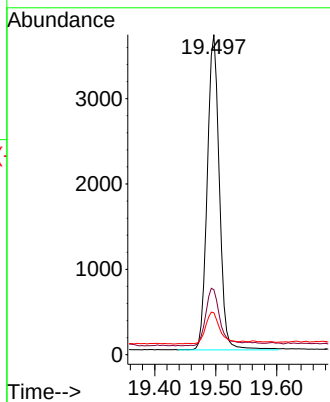
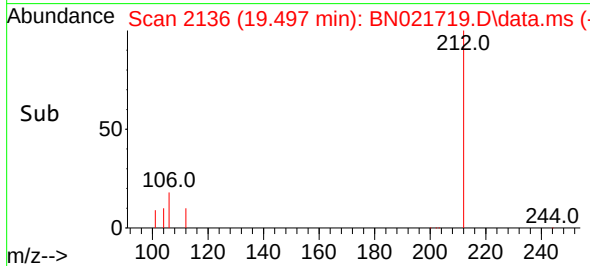
Instrument :
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BR-03-117-137-090222-HRE



Tgt Ion:212 Resp: 511
Ion Ratio Lower Upper
212 100
106 21.8 14.2 21.2
104 11.6 7.8 11.6

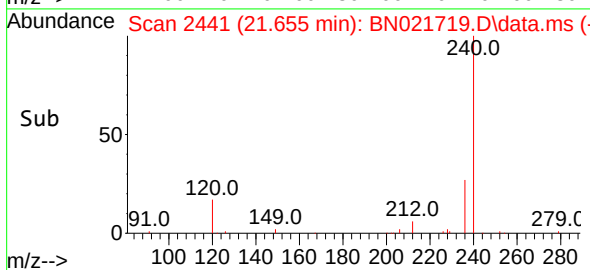
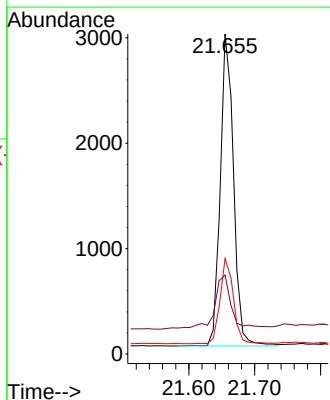
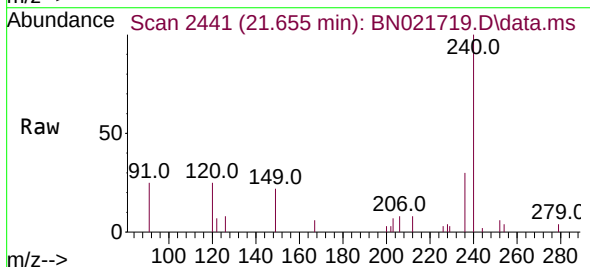
Manual Integrations
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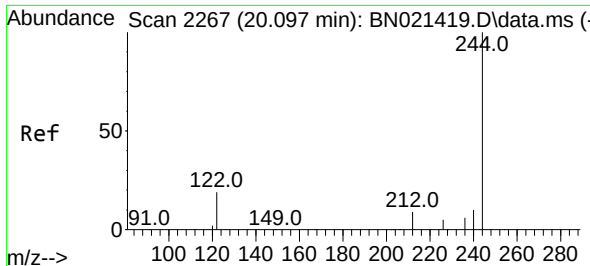
Reviewed By :Christian Giraldo 09/13/2022
Supervised By :Jagrut Upadhyay 09/13/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.655 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN021719.D
Acq: 12 Sep 2022 17:39

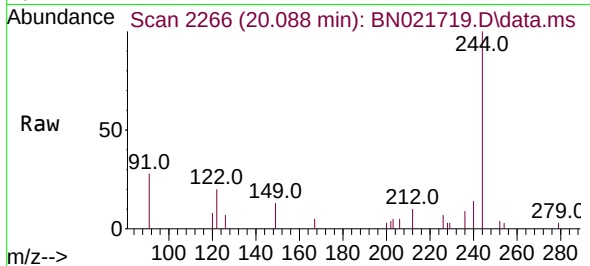
Tgt Ion:240 Resp: 4138
Ion Ratio Lower Upper
240 100
120 24.6 10.2 15.4
236 29.8 22.1 33.1





#31
 Terphenyl-d14
 Concen: 0.289 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021719.D
 Acq: 12 Sep 2022 17:39

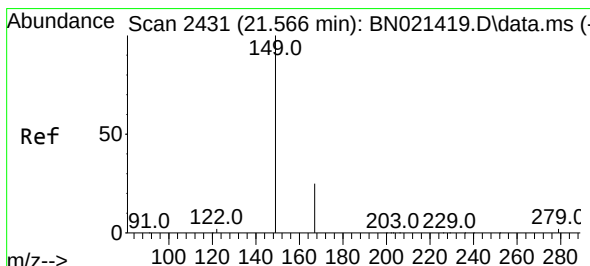
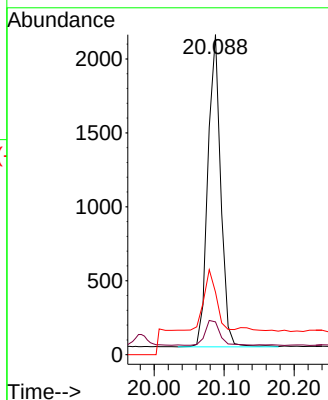
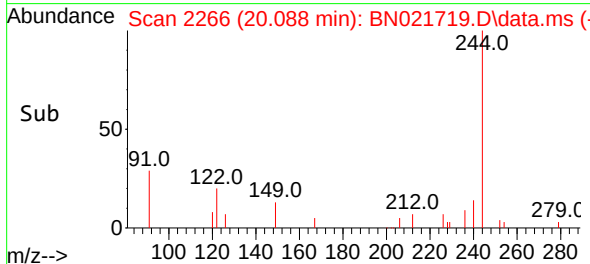
Instrument :
 BNA_N
 ClientSampleId :
 BR-03-117-137-090222-HRE



Tgt Ion:244 Resp: 2692
 Ion Ratio Lower Upper
 244 100
 212 10.3 6.5 9.7
 122 19.5 9.1 13.7

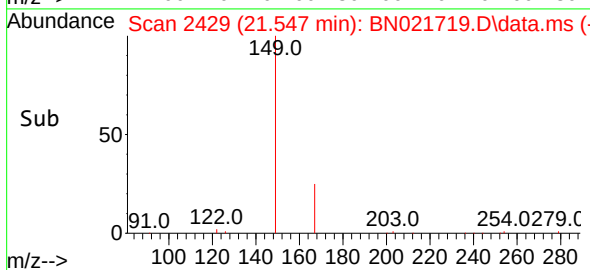
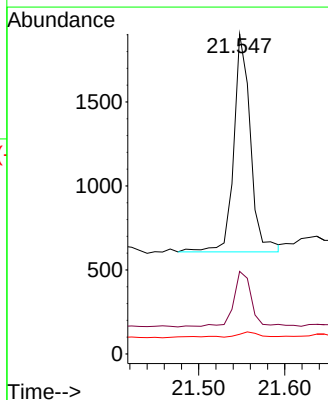
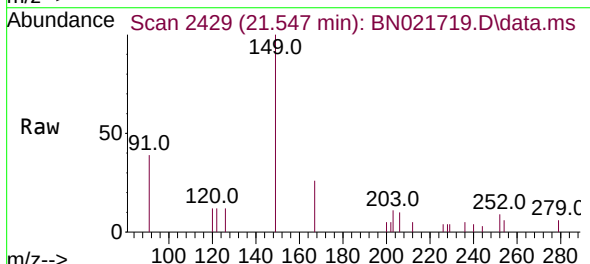
Manual Integrations
 APPROVED

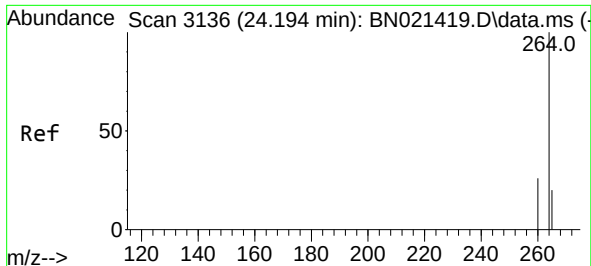
Reviewed By :Christian Giraldo 09/13/2022
 Supervised By :Jagrut Upadhyay 09/13/2022



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.302 ng
 RT: 21.547 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BN021719.D
 Acq: 12 Sep 2022 17:39

Tgt Ion:149 Resp: 1751
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.4 32.0
 279 2.9 2.2 3.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.170 min Scan# 31

Delta R.T. 0.003 min

Lab File: BN021719.D

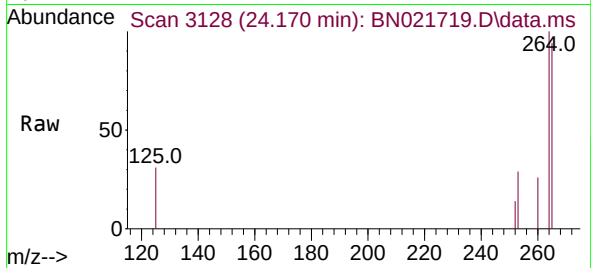
Acq: 12 Sep 2022 17:39

Instrument :

BNA_N

ClientSampleId :

BR-03-117-137-090222-HRE



Tgt Ion:264 Resp: 366

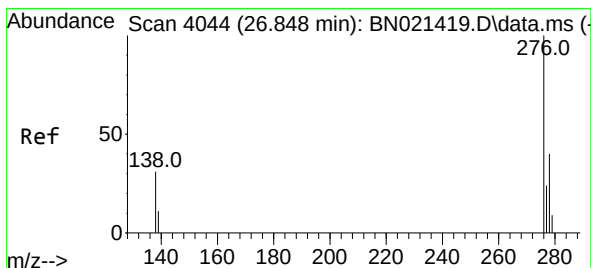
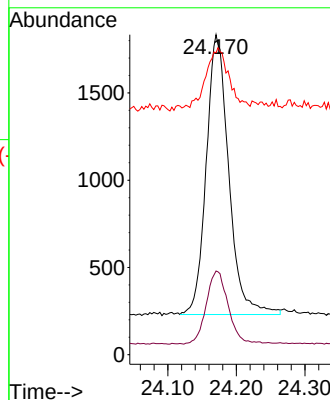
Ion	Ratio	Lower	Upper
264	100		
260	26.2	21.0	31.6
265	94.3	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng

RT: 26.828 min Scan# 4037

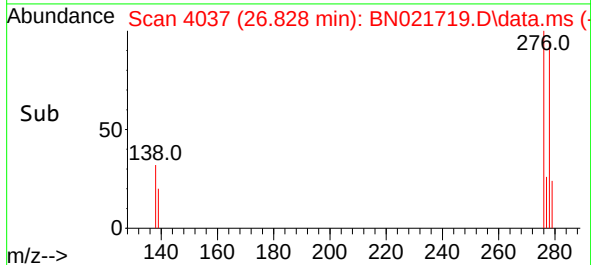
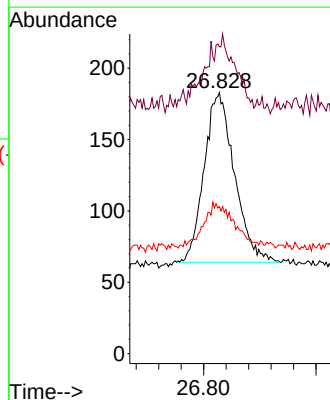
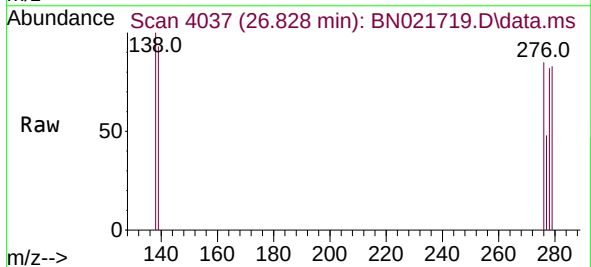
Delta R.T. 0.012 min

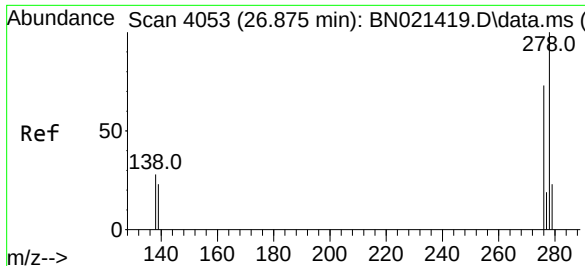
Lab File: BN021719.D

Acq: 12 Sep 2022 17:39

Tgt Ion:276 Resp: 445

Ion	Ratio	Lower	Upper
276	100		
138	26.1	27.4	41.2#
277	0.0	19.9	29.9#





#40

Dibenzo(a,h)anthracene

Concen: 0.040 ng

RT: 26.851 min Scan# 4051

Delta R.T. 0.014 min

Lab File: BN021719.D

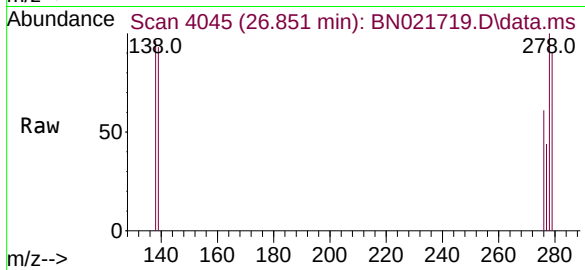
Acq: 12 Sep 2022 17:39

Instrument :

BNA_N

ClientSampleId :

BR-03-117-137-090222-HRE



Tgt Ion:278 Resp: 53

Ion Ratio Lower Upper

278 100

139 93.0 21.8 32.6

279 89.7 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/13/2022

Supervised By :Jagrut Upadhyay 09/13/2022

