

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023036.D
 Acq On : 02 Dec 2022 03:43
 Operator : CG/JU
 Sample : N5757-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE137D7-20221121

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 05:12:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	5206	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	14092	0.400	ng	0.00
13) Acenaphthene-d10	14.687	164	6649	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12659	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	6956	0.400	ng	# 0.00
35) Perylene-d12	24.098	264	4944	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1216	0.090	ng	0.00
5) Phenol-d6	7.204	99	960	0.056	ng	0.00
8) Nitrobenzene-d5	9.217	82	3288	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	6526	0.214	ng	0.00
14) 2,4,6-Tribromophenol	16.185	330	314	0.098	ng	0.00
15) 2-Fluorobiphenyl	13.319	172	9809	0.322	ng	0.00
27) Fluoranthene-d10	19.464	212	8732	0.254	ng	0.00
31) Terphenyl-d14	20.053	244	6911	0.423	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	13712m	2.075	ng	
6) bis(2-Chloroethyl)ether	7.471	93	475	0.029	ng	97
32) Benzo(a)anthracene	21.602	228	684	0.024	ng	# 88
33) Chrysene	21.656	228	877	0.030	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.522	149	743	0.066	ng	# 95
37) Benzo(b)fluoranthene	23.338	252	695	0.031	ng	# 1
38) Benzo(k)fluoranthene	23.388	252	634	0.027	ng	# 1
40) Dibenzo(a,h)anthracene	26.715	278	426	0.026	ng	# 8
41) Benzo(g,h,i)perylene	27.493	276	412	0.023	ng	# 34

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

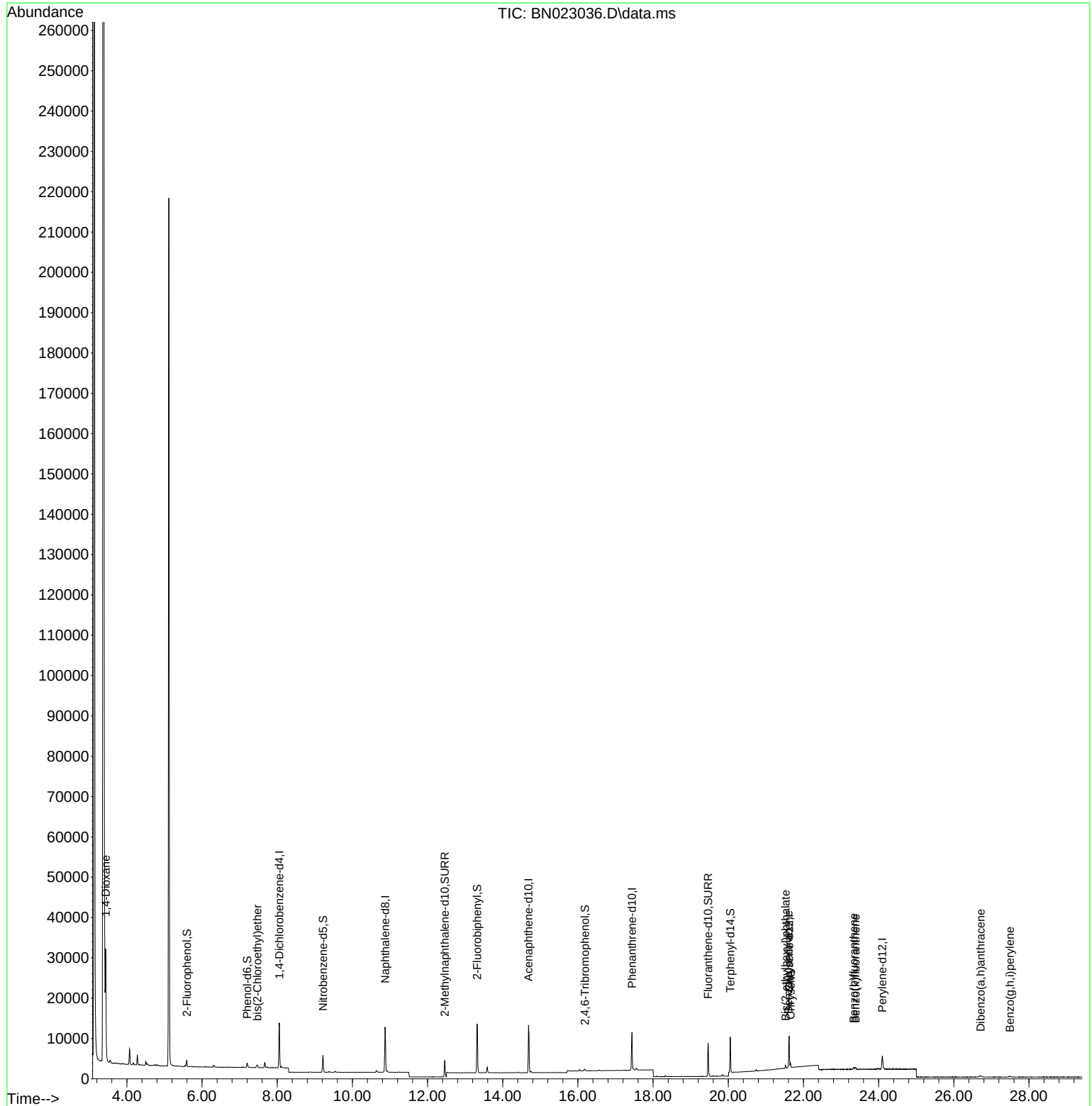
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023036.D
Acq On : 02 Dec 2022 03:43
Operator : CG/JU
Sample : N5757-07
Misc :
ALS Vial : 25 Sample Multiplier: 1

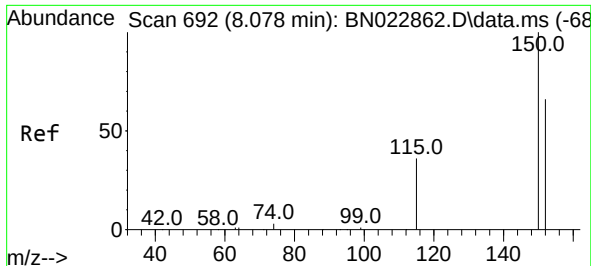
Instrument :
BNA_N
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RE137D7-20221121

Quant Time: Dec 02 05:12:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

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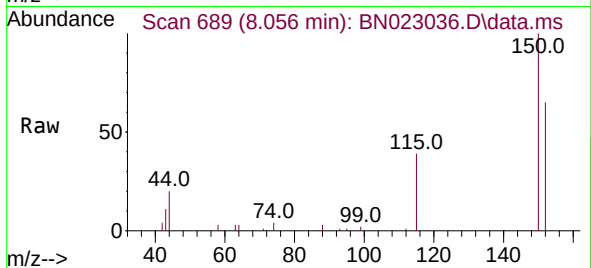
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.056 min Scan# 68
 Delta R.T. -0.001 min
 Lab File: BN023036.D
 Acq: 02 Dec 2022 03:43

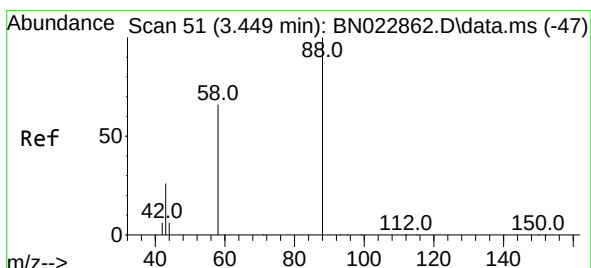
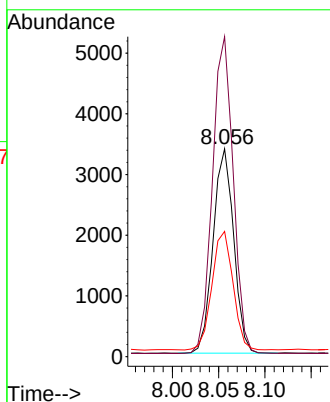
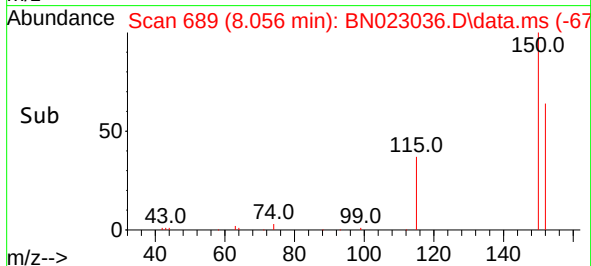
Instrument :
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 ClientSampleId :
 RE137D7-20221121



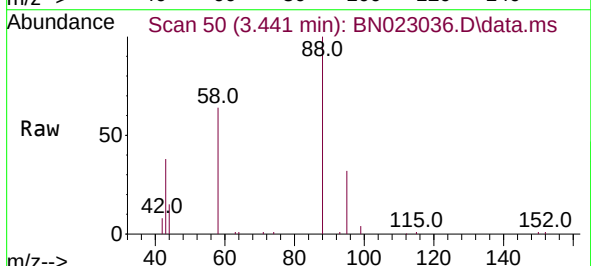
Tgt Ion:152 Resp: 5200
 Ion Ratio Lower Upper
 152 100
 150 154.0 121.2 181.8
 115 60.2 46.2 69.4

Manual Integrations
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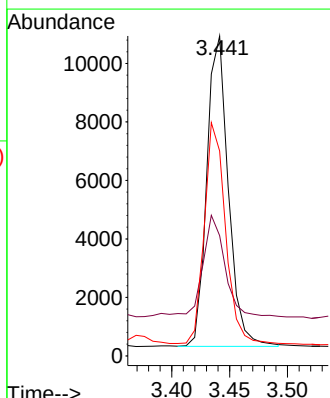
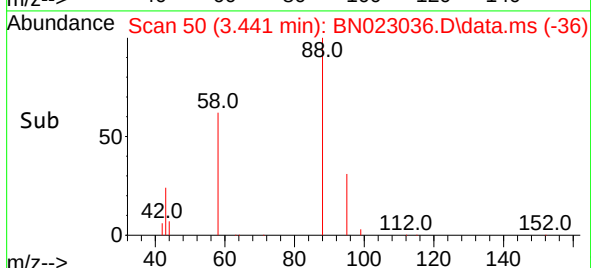
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022

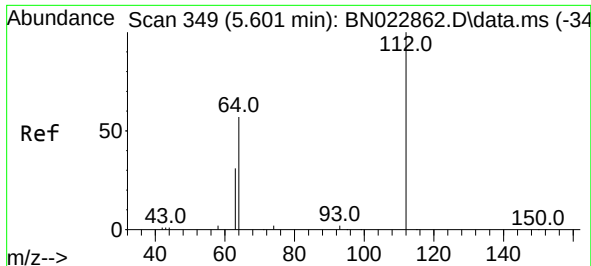


#2
 1,4-Dioxane
 Concen: 2.075 ng m
 RT: 3.441 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: BN023036.D
 Acq: 02 Dec 2022 03:43



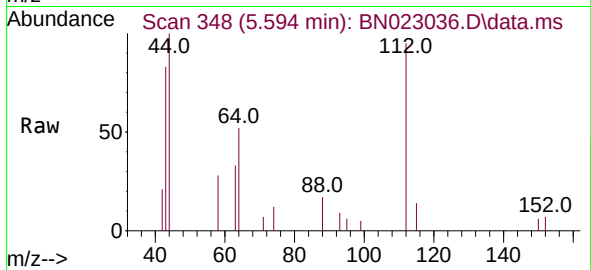
Tgt Ion: 88 Resp: 13712
 Ion Ratio Lower Upper
 88 100
 43 34.0 25.4 38.2
 58 69.6 56.5 84.7





#4
2-Fluorophenol
Concen: 0.090 ng
RT: 5.594 min Scan# 349
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

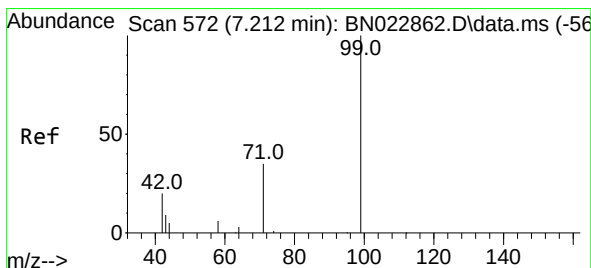
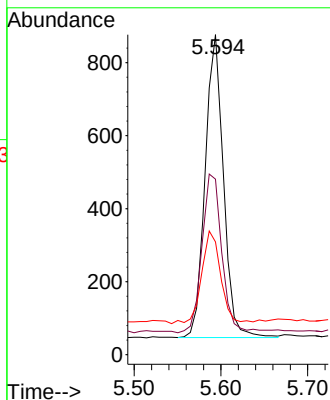
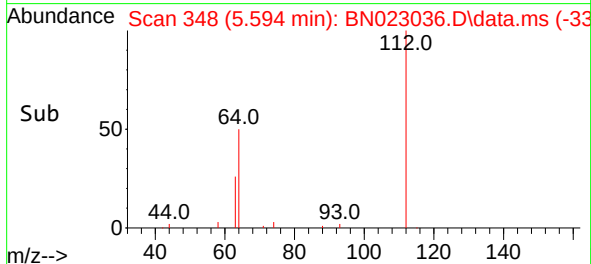
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BNA_N
ClientSampleId :
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Tgt Ion: 112 Resp: 1216
Ion Ratio Lower Upper
112 100
64 57.1 43.4 65.2
63 31.9 23.4 35.2

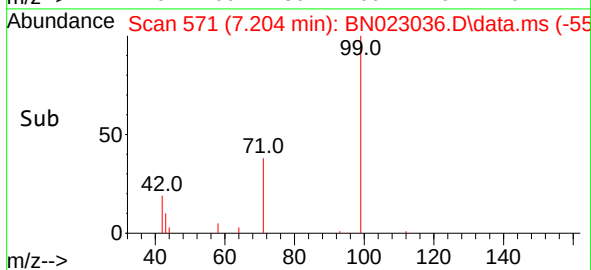
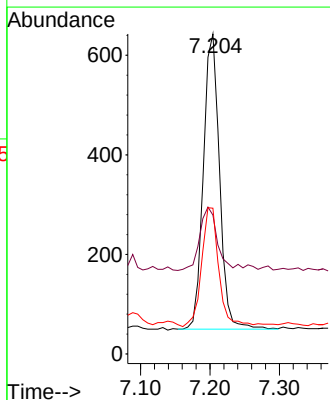
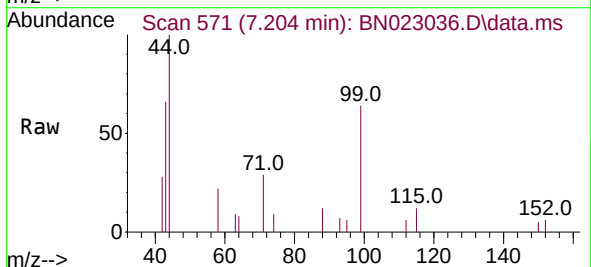
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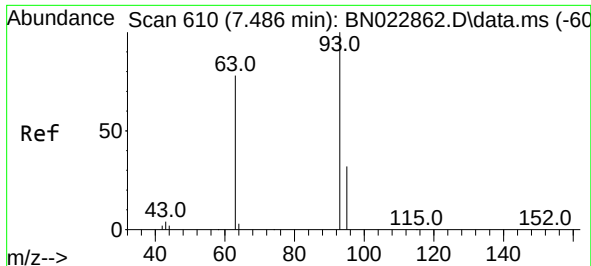
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#5
Phenol-d6
Concen: 0.056 ng
RT: 7.204 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

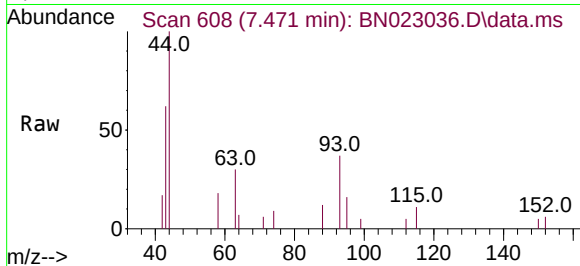
Tgt Ion: 99 Resp: 960
Ion Ratio Lower Upper
99 100
42 22.7 16.0 24.0
71 42.9 26.8 40.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.029 ng
RT: 7.471 min Scan# 608
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

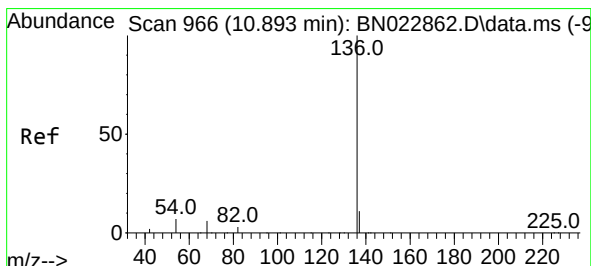
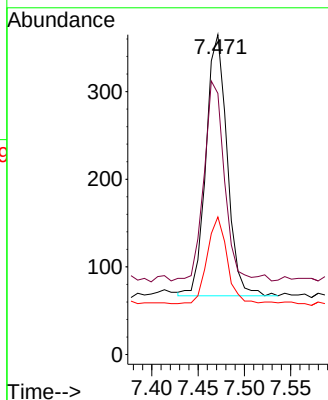
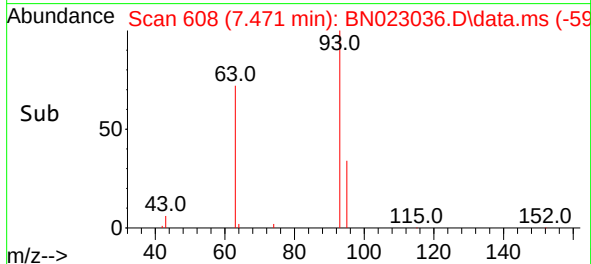
Instrument :
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ClientSampleId :
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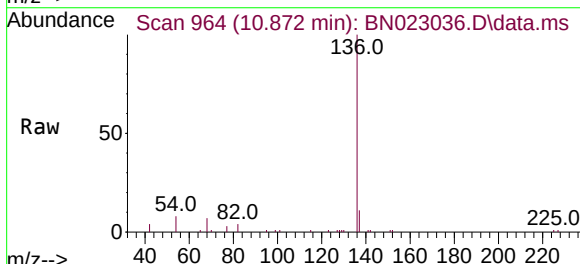
Tgt Ion: 93 Resp: 475
Ion Ratio Lower Upper
93 100
63 76.0 58.3 87.5
95 31.4 25.8 38.6

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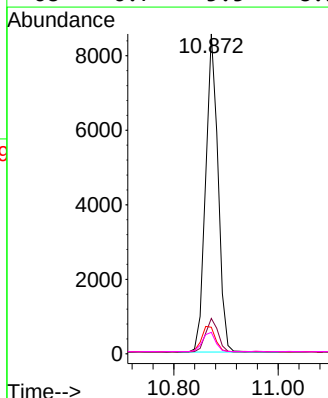
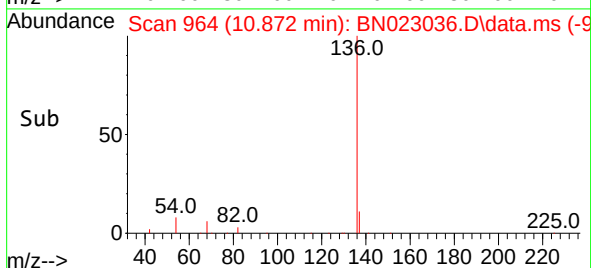
Reviewed By :Christian Giraldo 12/02/2022
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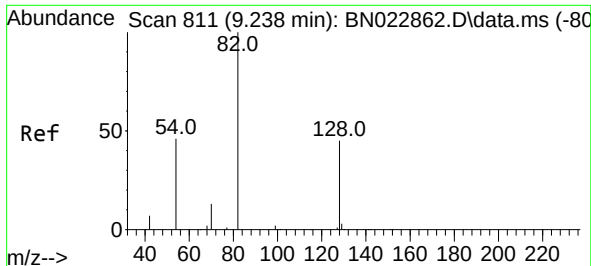


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43



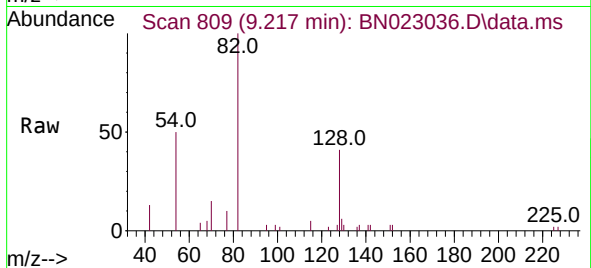
Tgt Ion:136 Resp: 14092
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 8.3 6.6 9.8
68 6.7 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

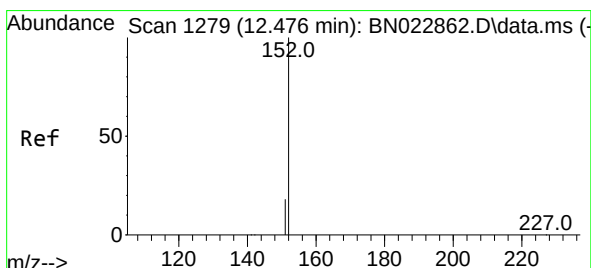
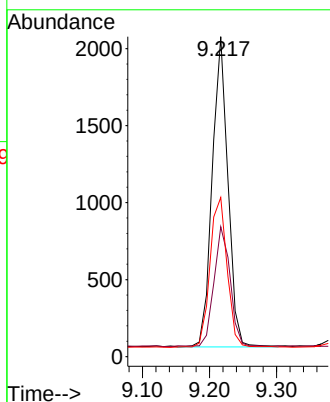
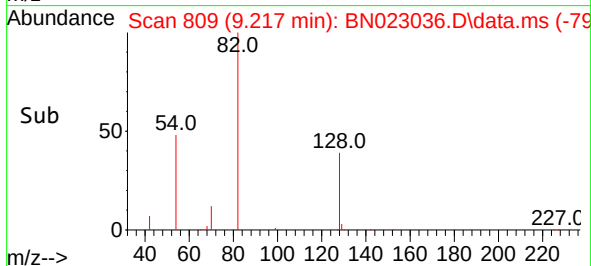
Instrument :
BNA_N
ClientSampleId :
RE137D7-20221121



Tgt Ion: 82 Resp: 3288
Ion Ratio Lower Upper
82 100
128 40.6 36.6 54.8
54 49.7 38.5 57.7

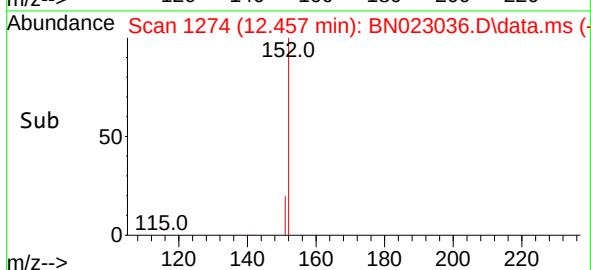
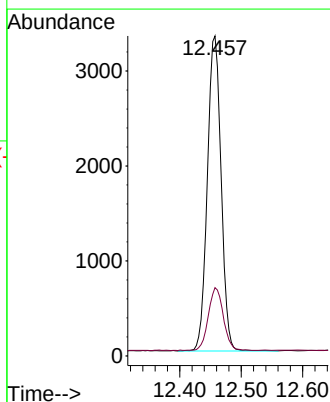
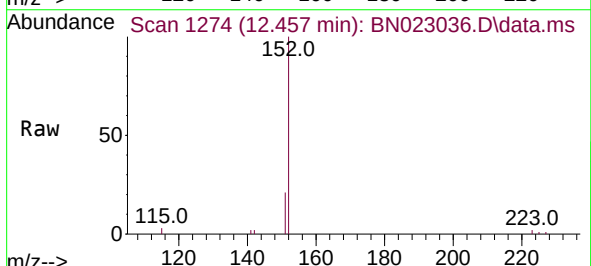
Manual Integrations
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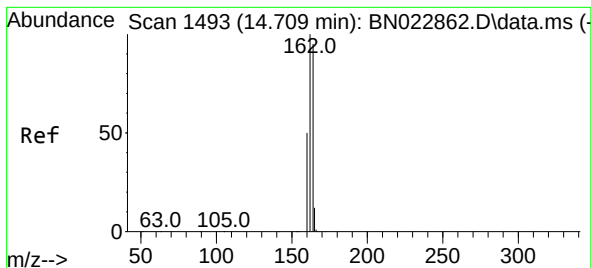
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 12.457 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

Tgt Ion:152 Resp: 6526
Ion Ratio Lower Upper
152 100
151 19.3 18.6 27.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.687 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN023036.D

Acq: 02 Dec 2022 03:43

Instrument :

BNA_N

ClientSampleId :

RE137D7-20221121

Tgt Ion:164 Resp: 6649

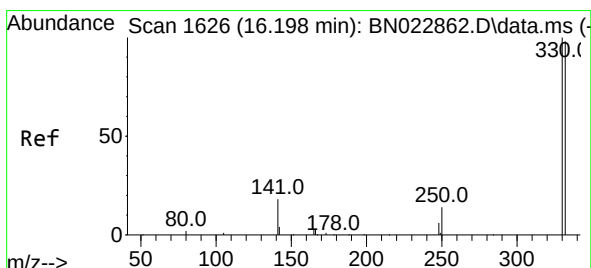
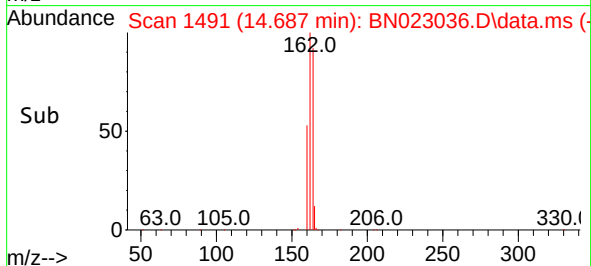
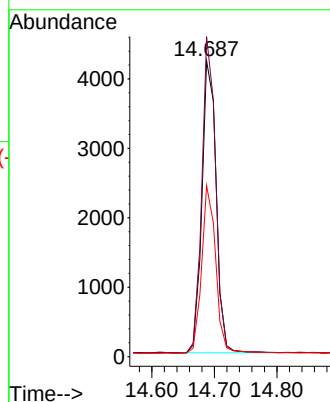
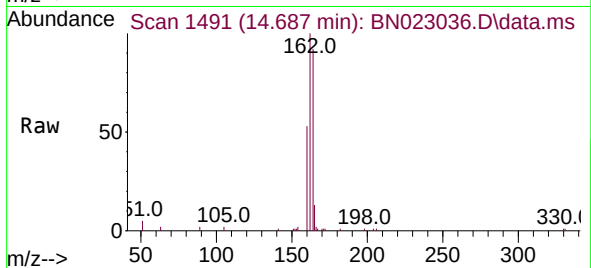
Ion	Ratio	Lower	Upper
164	100		
162	108.3	84.2	126.4
160	57.8	42.5	63.7

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.098 ng

RT: 16.185 min Scan# 1625

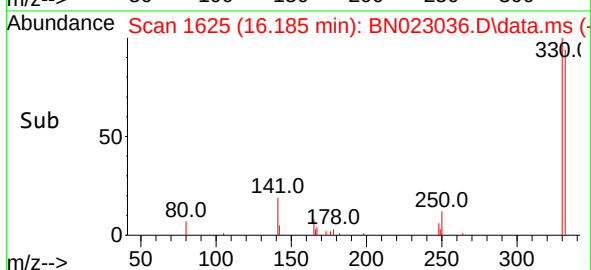
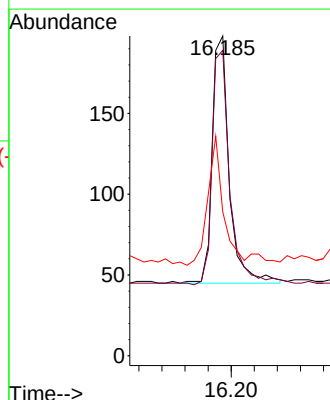
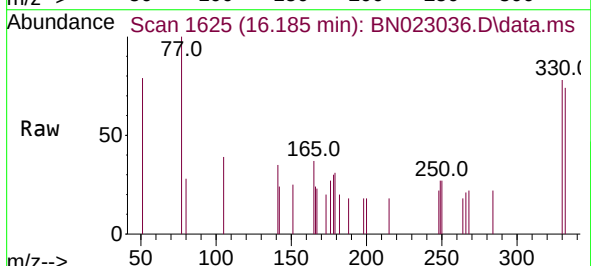
Delta R.T. -0.000 min

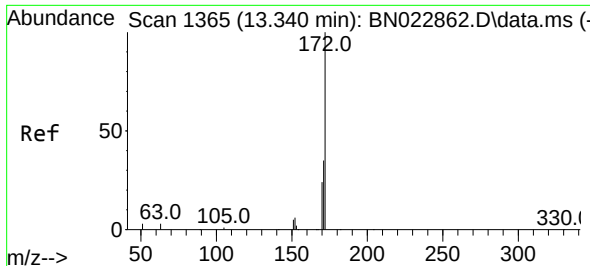
Lab File: BN023036.D

Acq: 02 Dec 2022 03:43

Tgt Ion:330 Resp: 314

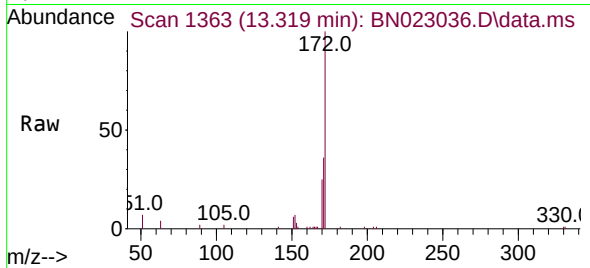
Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.5	114.7
141	47.1	32.6	48.8





#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.319 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

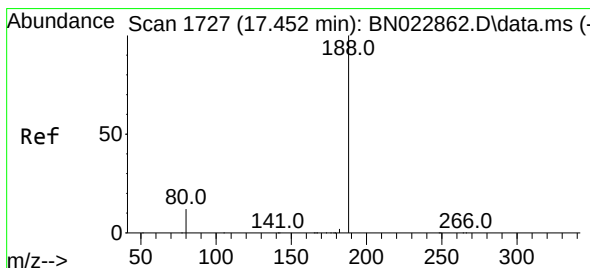
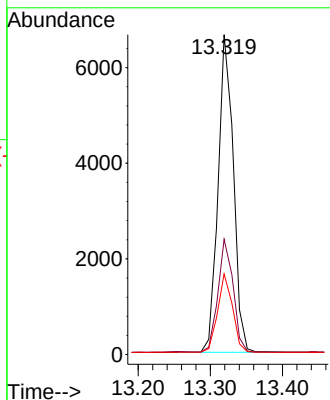
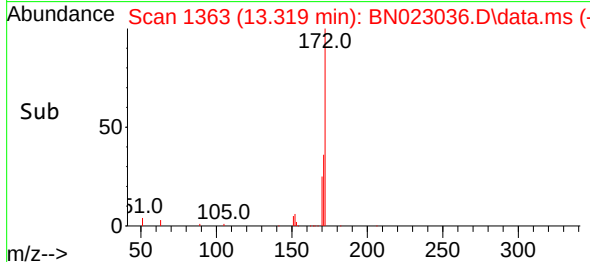
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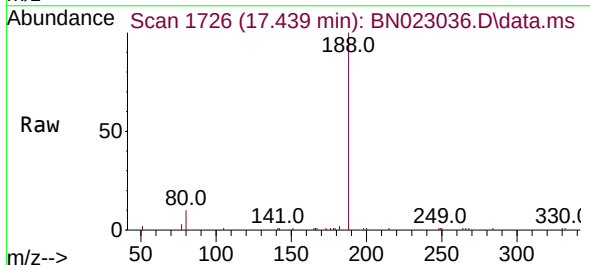
Tgt Ion:172 Resp: 9809
Ion Ratio Lower Upper
172 100
171 36.0 28.2 42.4
170 25.2 19.3 28.9

Manual Integrations
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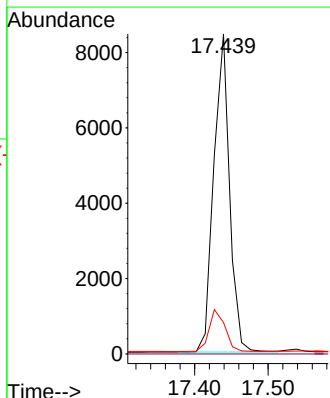
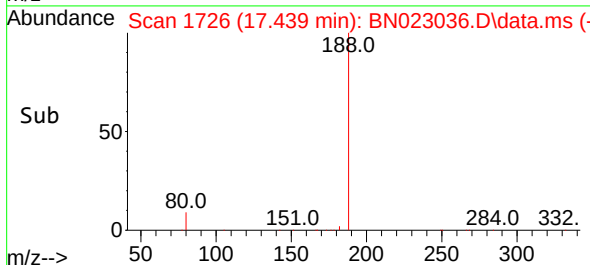
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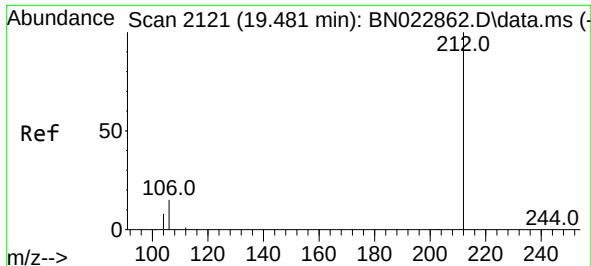


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43



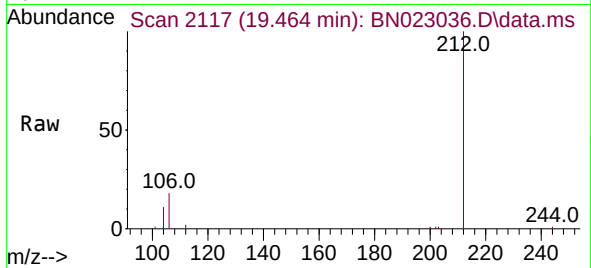
Tgt Ion:188 Resp: 12659
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 10.3 15.5





#27
Fluoranthene-d10
Concen: 0.254 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

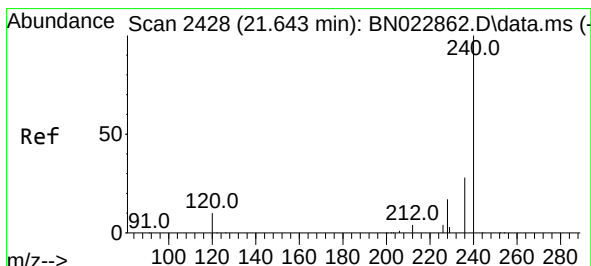
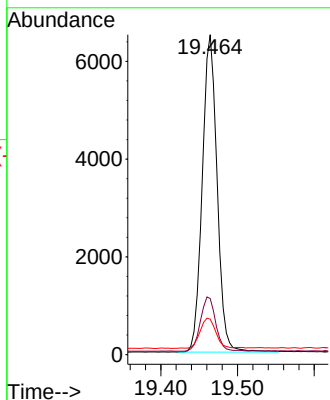
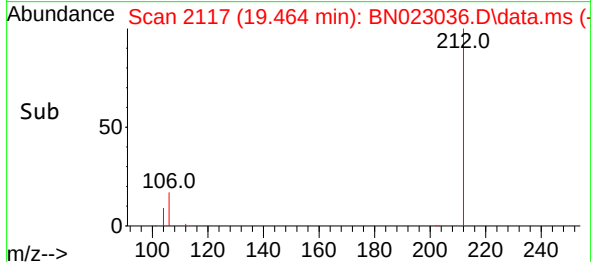
Instrument :
BNA_N
ClientSampleId :
RE137D7-20221121



Tgt Ion:212 Resp: 8732
Ion Ratio Lower Upper
212 100
106 17.5 12.3 18.5
104 10.1 7.0 10.4

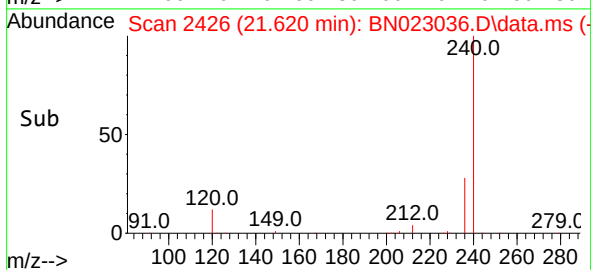
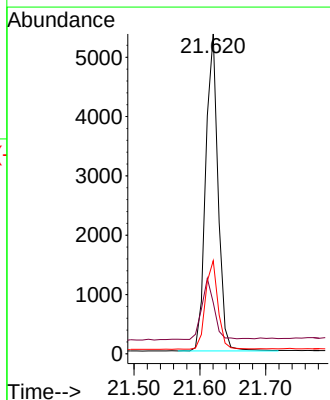
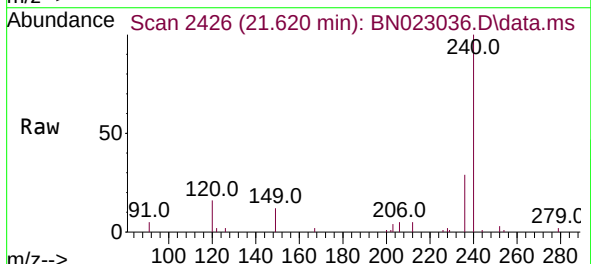
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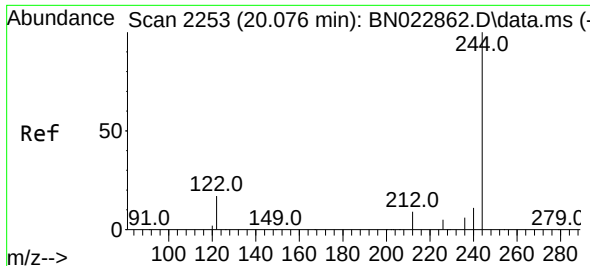
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2426
Delta R.T. 0.004 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

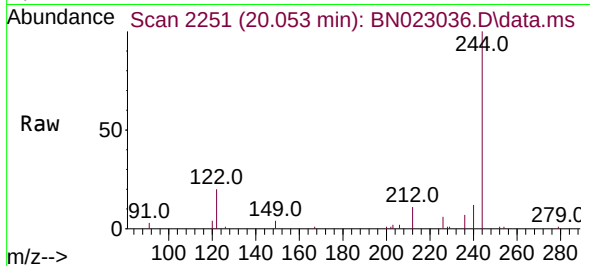
Tgt Ion:240 Resp: 6956
Ion Ratio Lower Upper
240 100
120 16.0 9.2 13.8#
236 29.1 22.6 34.0





#31
 Terphenyl-d14
 Concen: 0.423 ng
 RT: 20.053 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN023036.D
 Acq: 02 Dec 2022 03:43

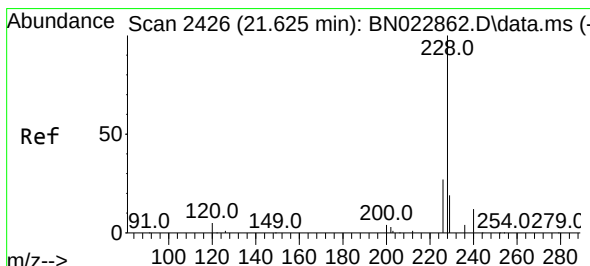
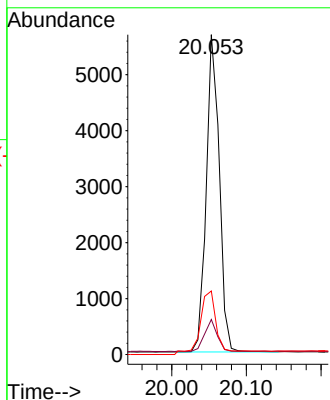
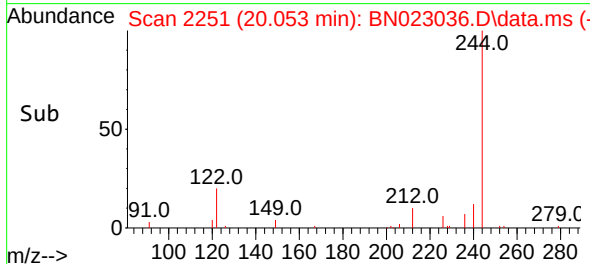
Instrument :
 BNA_N
 ClientSampleId :
 RE137D7-20221121



Tgt Ion:244 Resp: 691
 Ion Ratio Lower Upper
 244 100
 212 11.0 7.9 11.9
 122 19.9 13.9 20.9

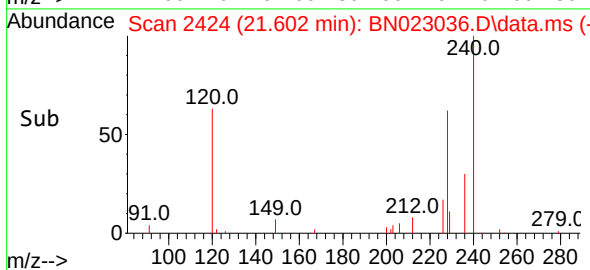
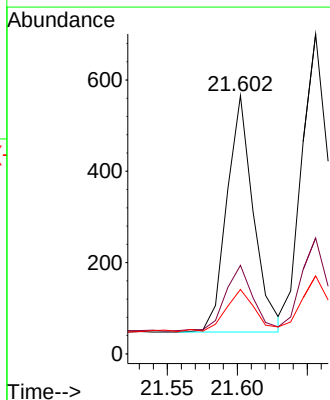
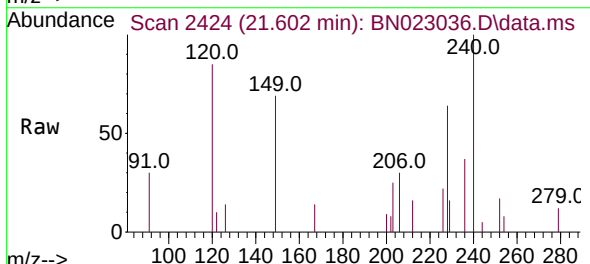
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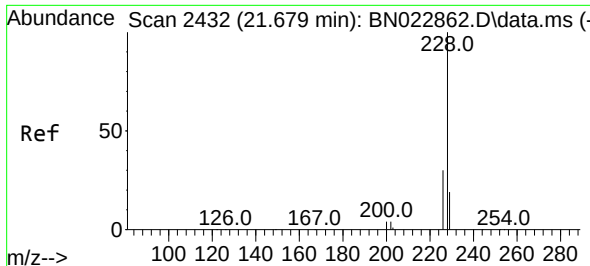
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#32
 Benzo(a)anthracene
 Concen: 0.024 ng
 RT: 21.602 min Scan# 2424
 Delta R.T. -0.005 min
 Lab File: BN023036.D
 Acq: 02 Dec 2022 03:43

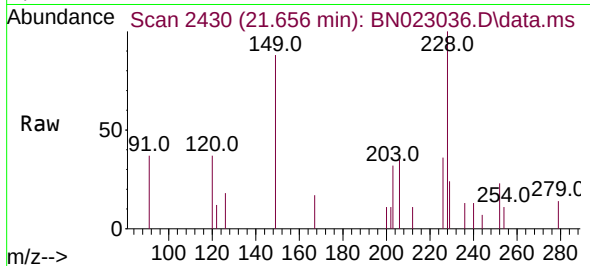
Tgt Ion:228 Resp: 684
 Ion Ratio Lower Upper
 228 100
 226 34.3 22.1 33.1#
 229 24.9 15.8 23.6#





#33
Chrysene
Concen: 0.030 ng
RT: 21.656 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

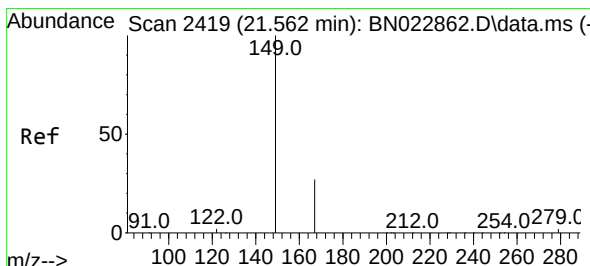
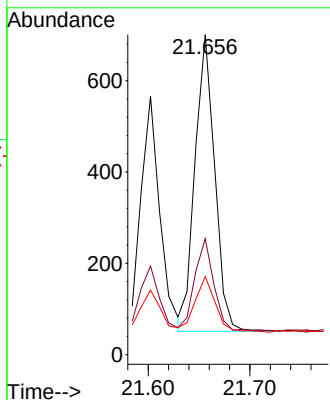
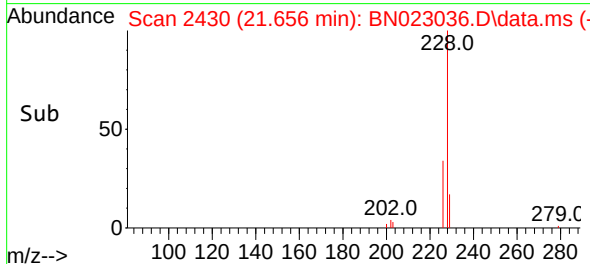
Instrument :
BNA_N
ClientSampleId :
RE137D7-20221121



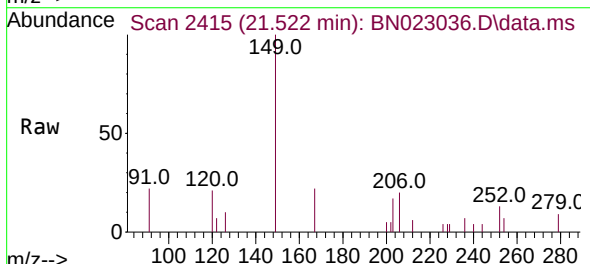
Tgt Ion: 228 Resp: 877
Ion Ratio Lower Upper
228 100
226 36.2 24.5 36.7
229 24.4 15.8 23.6

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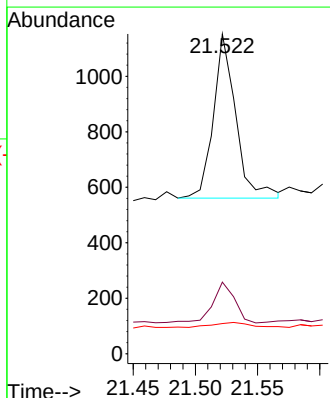
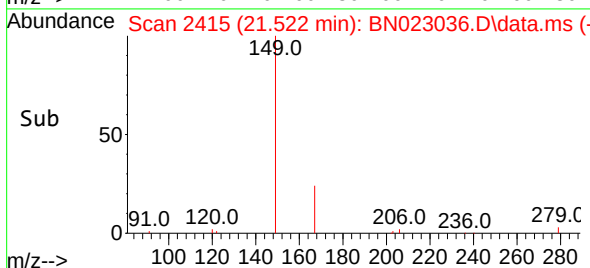
Reviewed By : Christian Giraldo 12/02/2022
Supervised By : Jagrut Upadhyay 12/02/2022

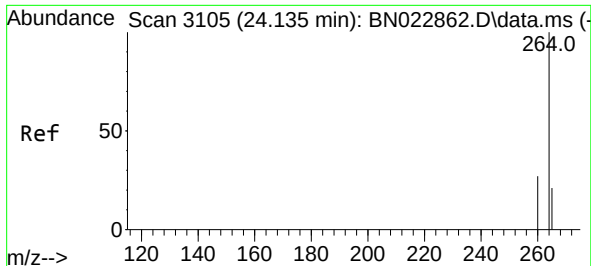


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.066 ng
RT: 21.522 min Scan# 2415
Delta R.T. -0.005 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43



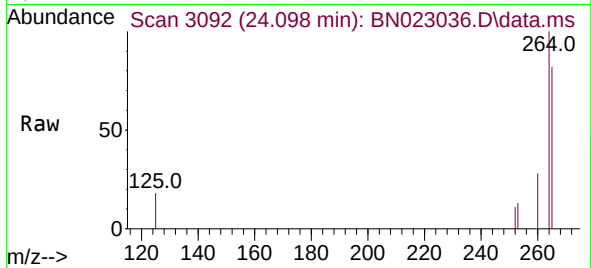
Tgt Ion: 149 Resp: 743
Ion Ratio Lower Upper
149 100
167 24.0 21.3 31.9
279 4.8 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.098 min Scan# 3092
 Delta R.T. -0.005 min
 Lab File: BN023036.D
 Acq: 02 Dec 2022 03:43

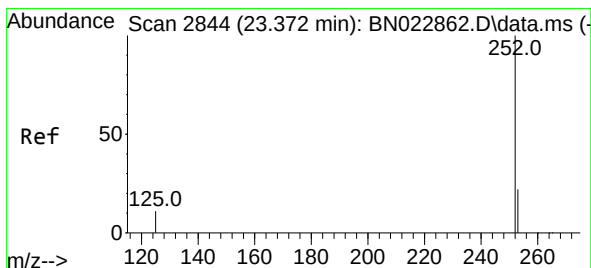
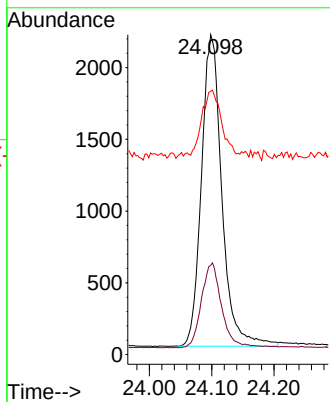
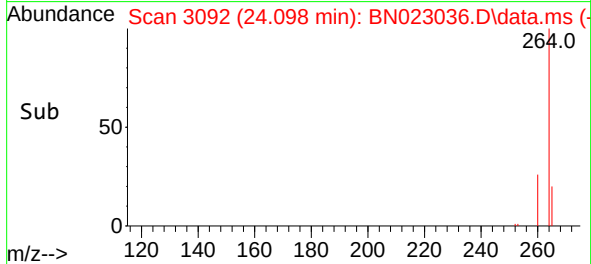
Instrument :
 BNA_N
 ClientSampleId :
 RE137D7-20221121



Tgt Ion:264 Resp: 4944
 Ion Ratio Lower Upper
 264 100
 260 27.9 21.7 32.5
 265 82.3 31.0 46.4

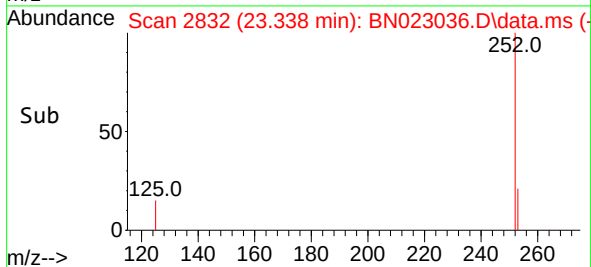
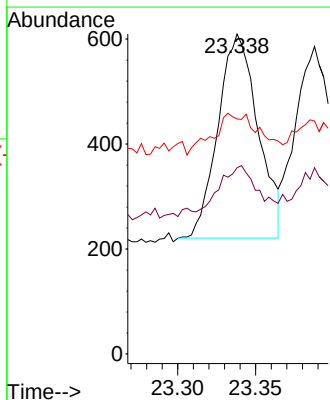
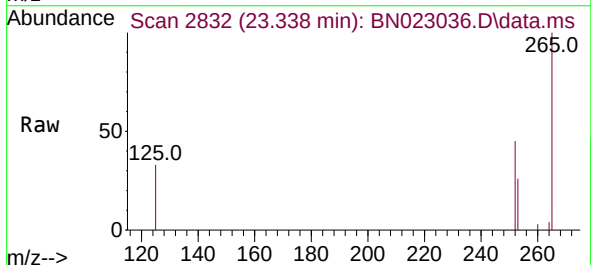
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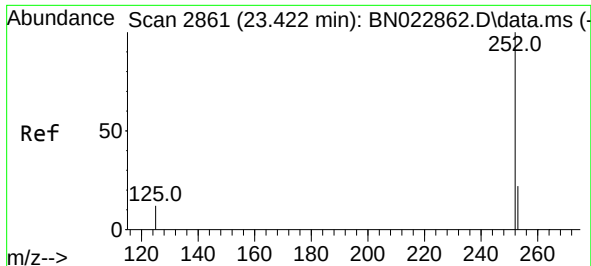
Reviewed By :Christian Giraldo 12/02/2022
 Supervised By :Jagrut Upadhyay 12/02/2022



#37
 Benzo(b)fluoranthene
 Concen: 0.031 ng
 RT: 23.338 min Scan# 2832
 Delta R.T. -0.002 min
 Lab File: BN023036.D
 Acq: 02 Dec 2022 03:43

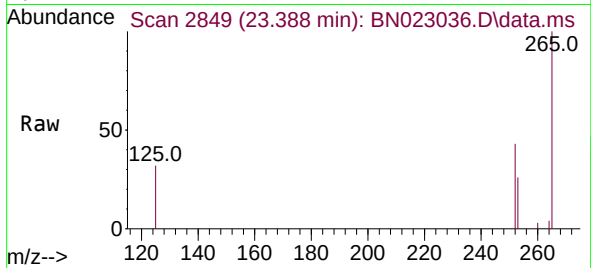
Tgt Ion:252 Resp: 695
 Ion Ratio Lower Upper
 252 100
 253 58.2 18.5 27.7#
 125 73.4 10.8 16.2#





#38
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 23.388 min Scan# 2861
Delta R.T. -0.002 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

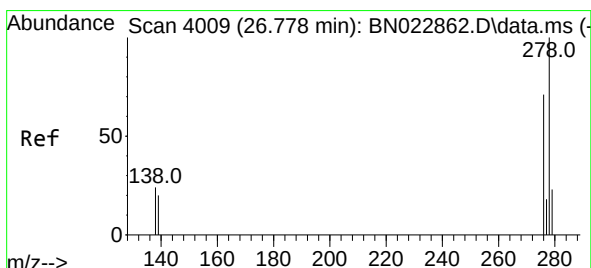
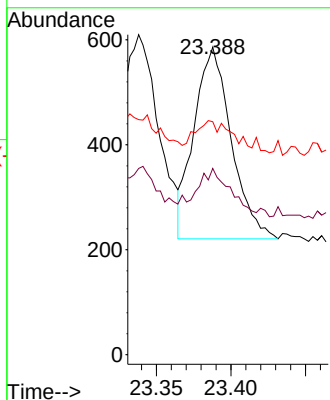
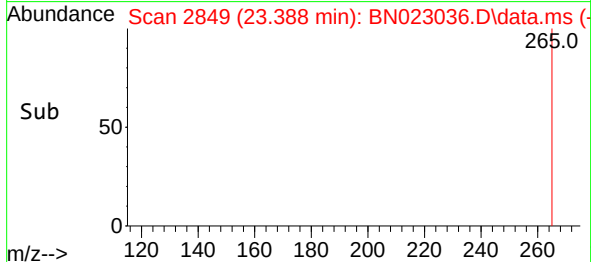
Instrument :
BNA_N
ClientSampleId :
RE137D7-20221121



Tgt Ion:252 Resp: 634
Ion Ratio Lower Upper
252 100
253 60.6 18.6 27.8#
125 75.8 11.0 16.4#

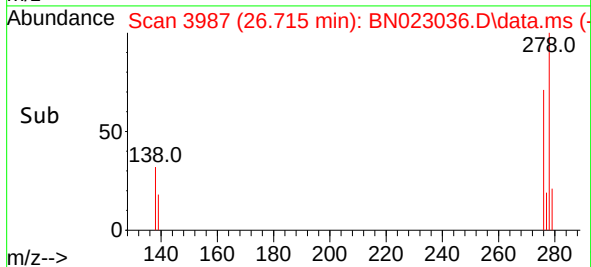
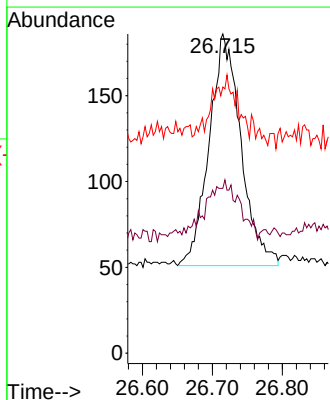
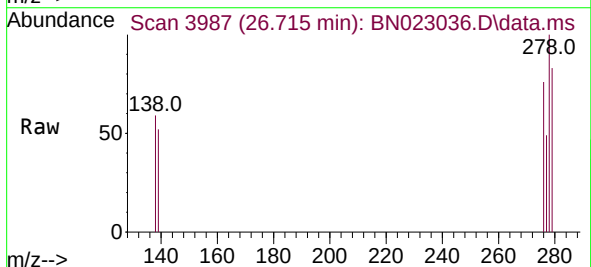
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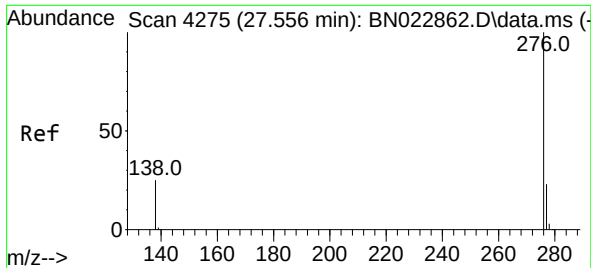
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.026 ng
RT: 26.715 min Scan# 3987
Delta R.T. -0.002 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

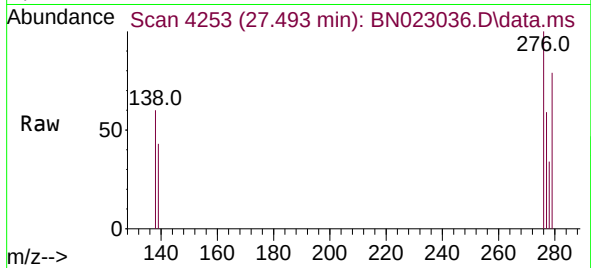
Tgt Ion:278 Resp: 426
Ion Ratio Lower Upper
278 100
139 51.6 17.4 26.0#
279 83.3 20.0 30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.023 ng
RT: 27.493 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN023036.D
Acq: 02 Dec 2022 03:43

Instrument :
BNA_N
ClientSampleId :
RE137D7-20221121



Tgt Ion:276 Resp: 412
Ion Ratio Lower Upper
276 100
277 58.8 19.7 29.5
138 60.0 21.4 32.2

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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

