

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024469.D
 Acq On : 22 Mar 2023 05:14
 Operator : CG/JU
 Sample : 01904-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB02-20230313

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/22/2023
 Supervised By : Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 05:46:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.025	152	9894	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	28853	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14800	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	31506	0.400	ng	#-0.01
29) Chrysene-d12	21.583	240	19291	0.400	ng	# 0.00
35) Perylene-d12	24.070	264	14771	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3908	0.178	ng	0.00
5) Phenol-d6	7.188	99	2735	0.097	ng	0.00
8) Nitrobenzene-d5	9.190	82	8344	0.433	ng	0.00
11) 2-Methylnaphthalene-d10	12.425	152	14267	0.402	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2527	0.334	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	21715	0.388	ng	-0.01
27) Fluoranthene-d10	19.433	212	28877	0.432	ng	0.00
31) Terphenyl-d14	20.025	244	15890	0.489	ng	0.00
Target Compounds						
25) Phenanthrene	17.450	178	3730m	0.040	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.484	149	2956	0.097	ng	# 97

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

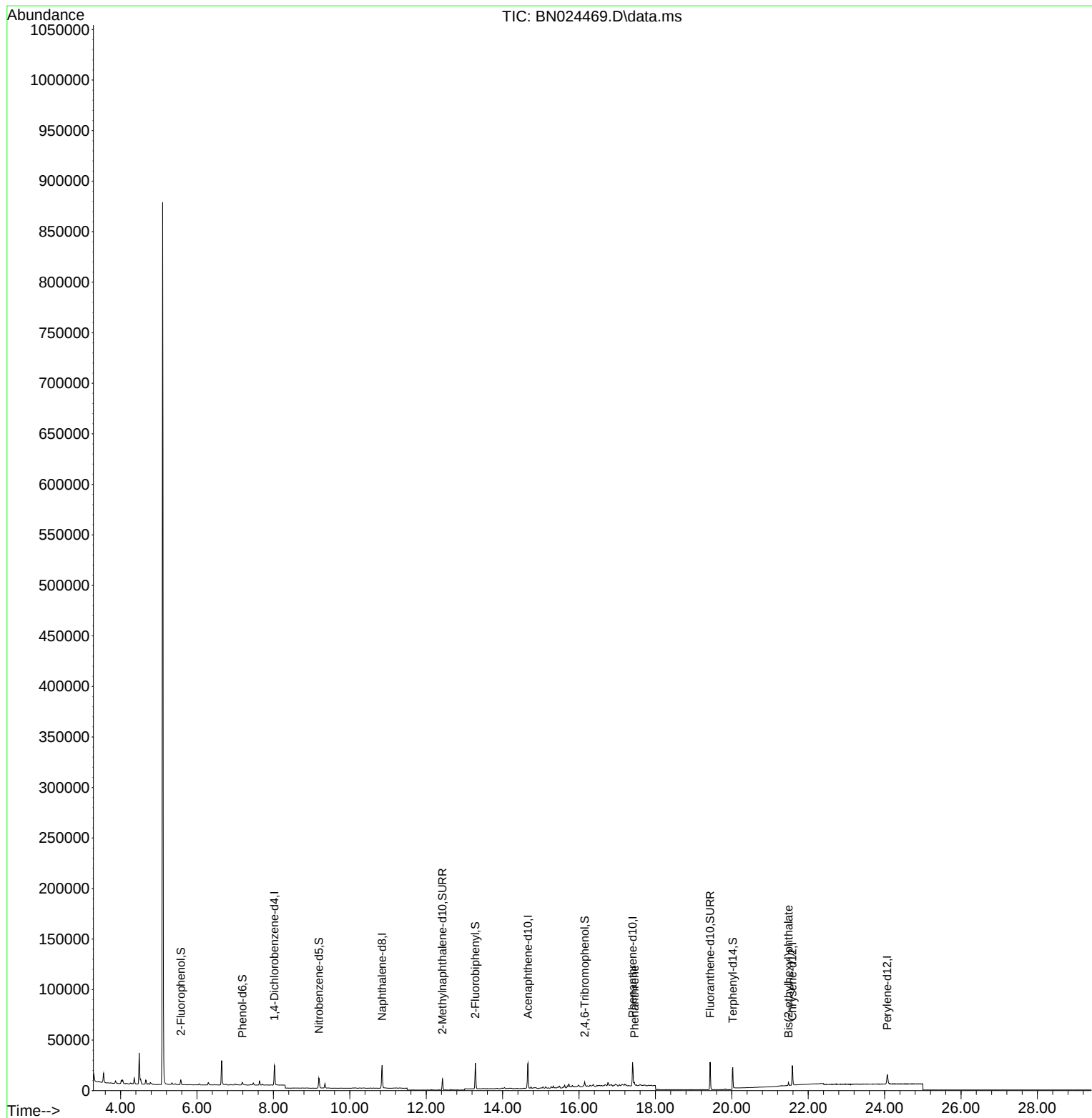
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
Data File : BN024469.D
Acq On : 22 Mar 2023 05:14
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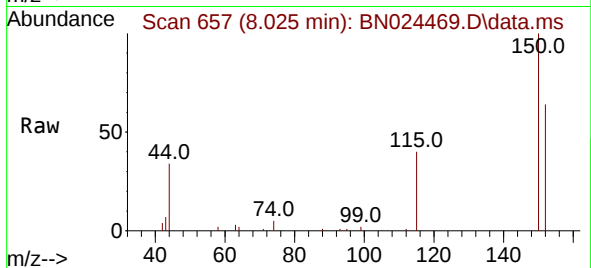
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.025 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

Instrument :

BNA_N

ClientSampleId :

FB02-20230313

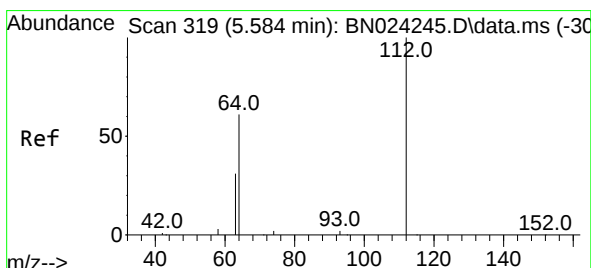
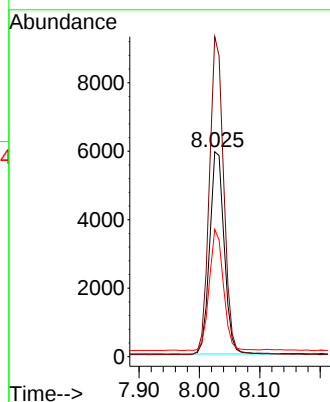
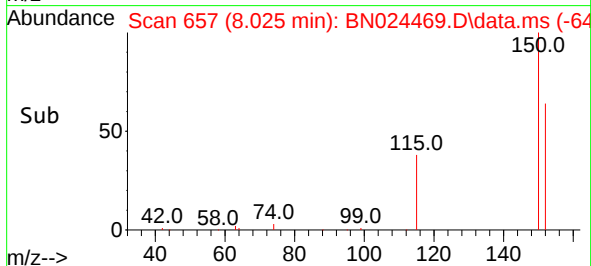


Tgt Ion:152 Resp: 9894
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 62.0 49.1 73.7

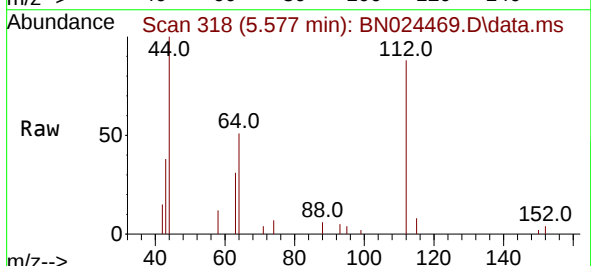
Manual Integrations

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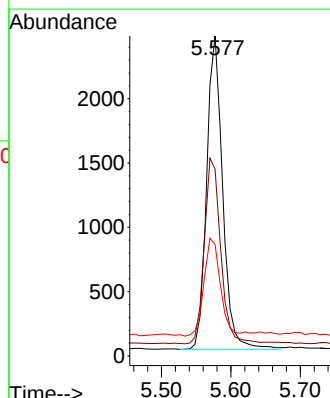
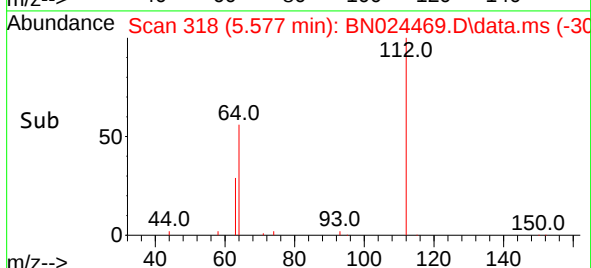
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

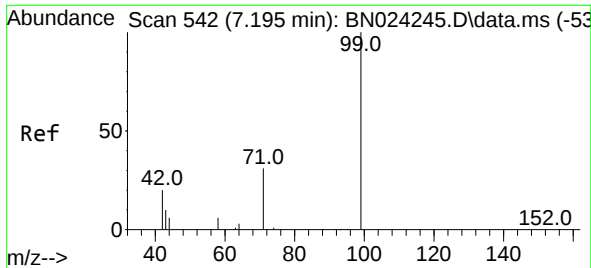


#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14



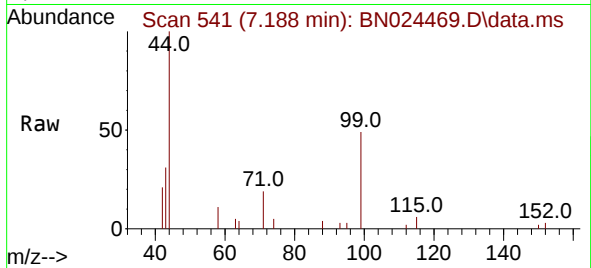
Tgt Ion:112 Resp: 3908
Ion Ratio Lower Upper
112 100
64 60.6 49.0 73.6
63 32.0 25.7 38.5





#5
Phenol-d6
Concen: 0.097 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

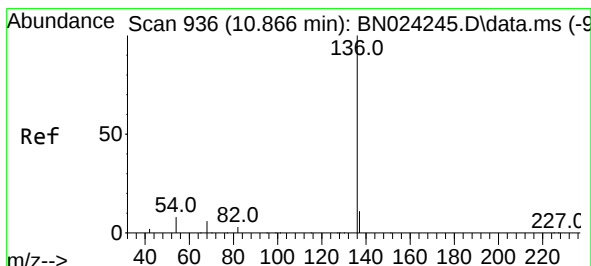
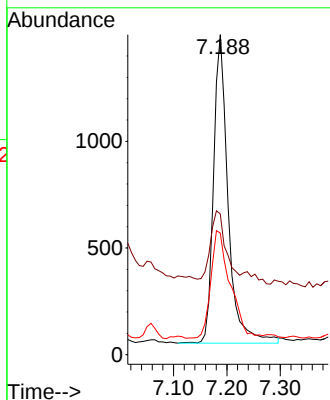
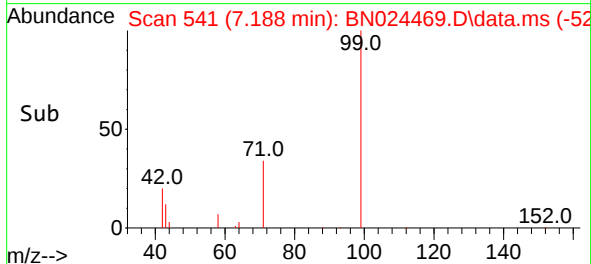
Instrument :
BNA_N
ClientSampleId :
FB02-20230313



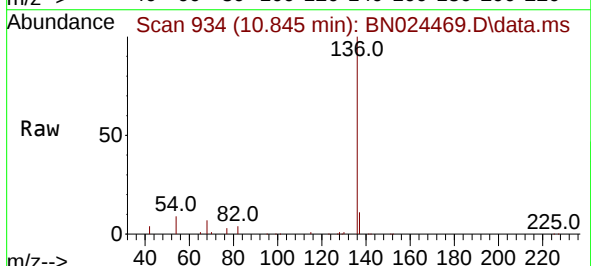
Tgt Ion: 99 Resp: 2735
Ion Ratio Lower Upper
99 100
42 22.1 20.1 30.1
71 46.4 25.8 38.8

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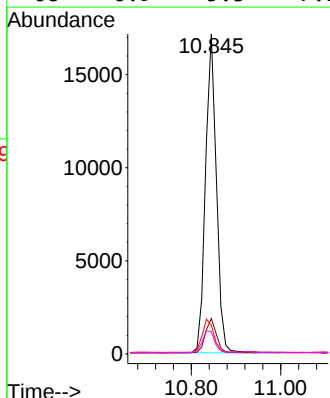
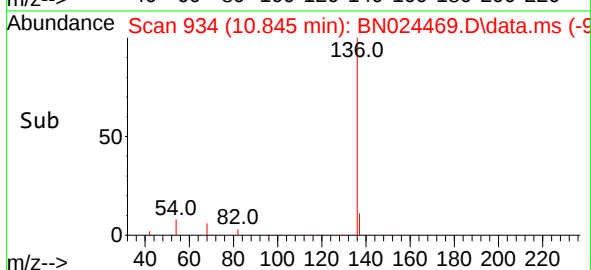
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

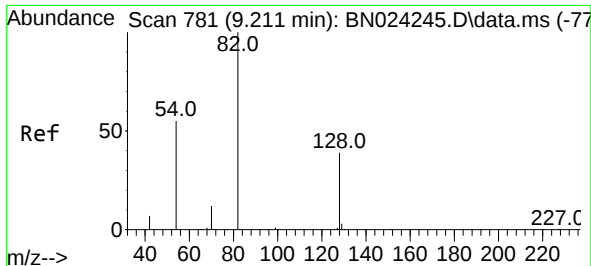


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 934
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14



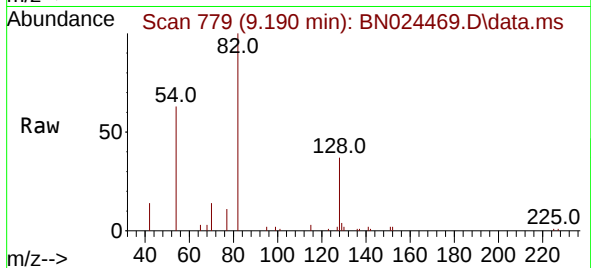
Tgt Ion:136 Resp: 28853
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.0 7.1 10.7
68 6.9 5.3 7.9





#8
Nitrobenzene-d5
Concen: 0.433 ng
RT: 9.190 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

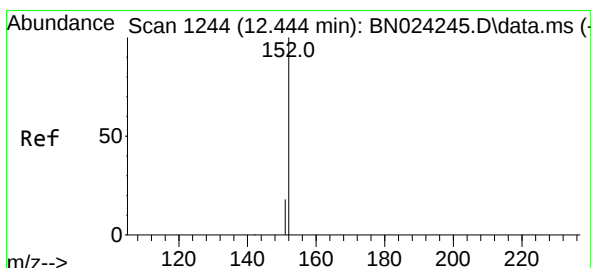
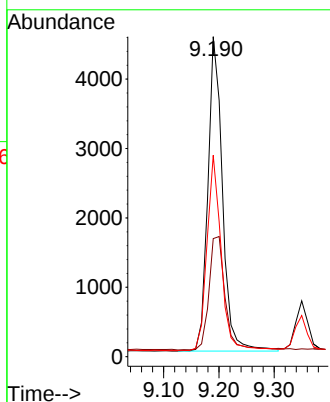
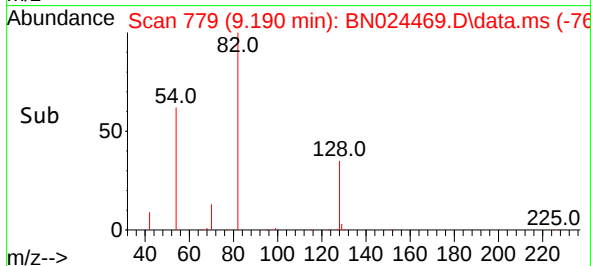
Instrument :
BNA_N
ClientSampleId :
FB02-20230313



Tgt Ion: 82 Resp: 834
Ion Ratio Lower Upper
82 100
128 36.9 32.4 48.6
54 62.9 45.2 67.8

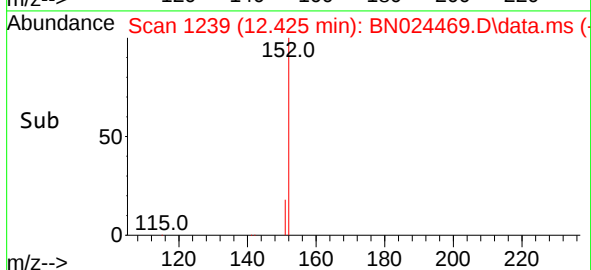
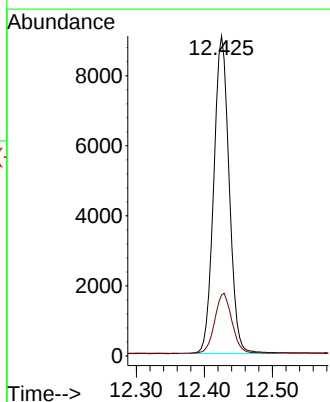
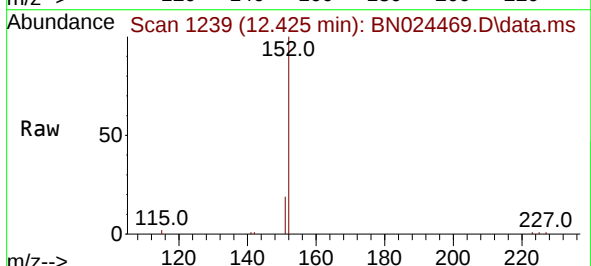
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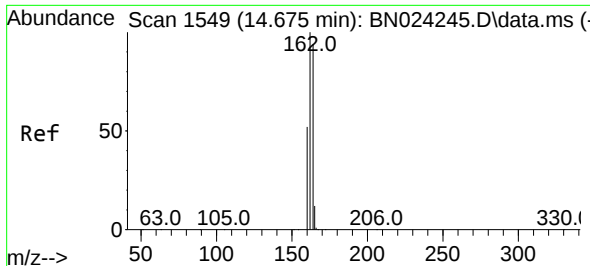
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#11
2-Methylnaphthalene-d10
Concen: 0.402 ng
RT: 12.425 min Scan# 1239
Delta R.T. -0.004 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

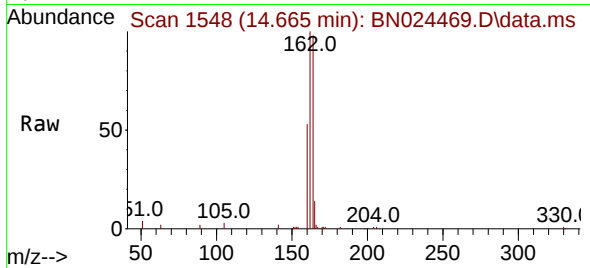
Tgt Ion:152 Resp: 14267
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

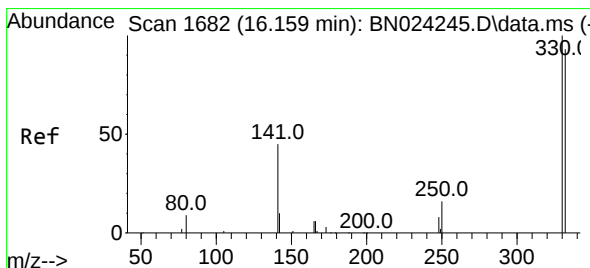
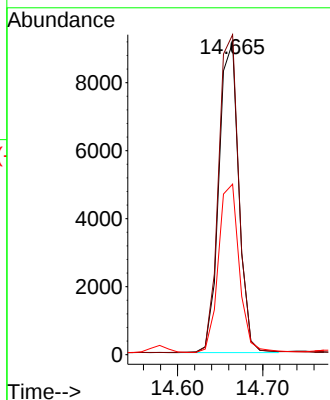
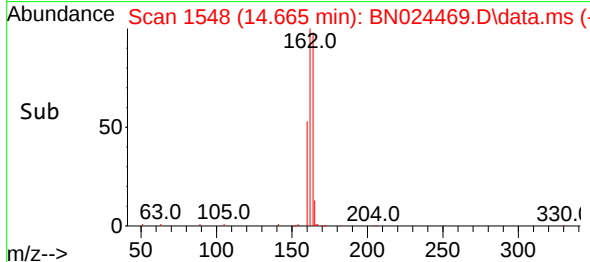
Instrument :
BNA_N
ClientSampleId :
FB02-20230313



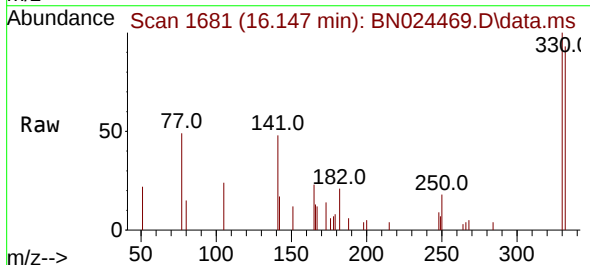
Tgt Ion:164 Resp: 14800
Ion Ratio Lower Upper
164 100
162 102.5 84.7 127.1
160 54.6 44.6 66.8

Manual Integrations
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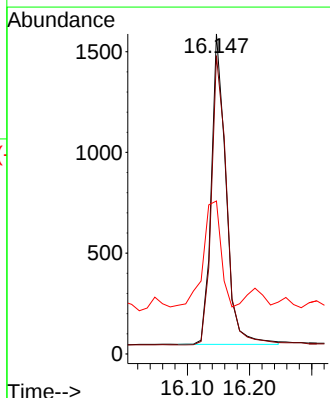
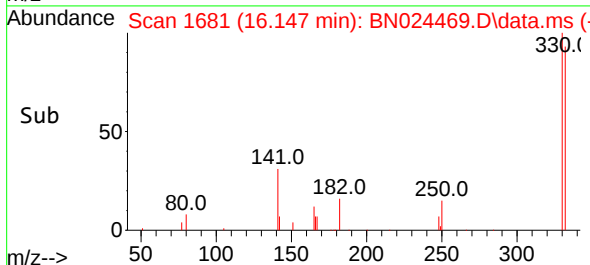
Reviewed By :Christian Giraldo 03/22/2023
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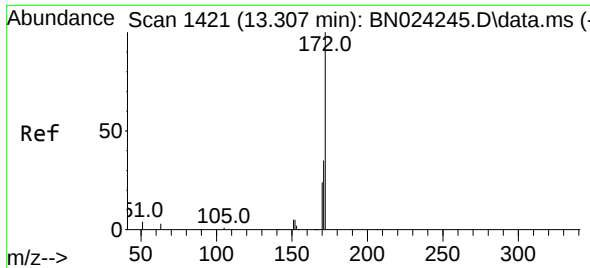


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14



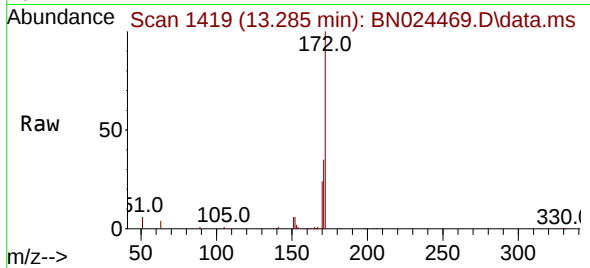
Tgt Ion:330 Resp: 2527
Ion Ratio Lower Upper
330 100
332 96.8 78.0 117.0
141 41.6 30.8 46.2





#15
2-Fluorobiphenyl
Concen: 0.388 ng
RT: 13.285 min Scan# 1419
Delta R.T. -0.011 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

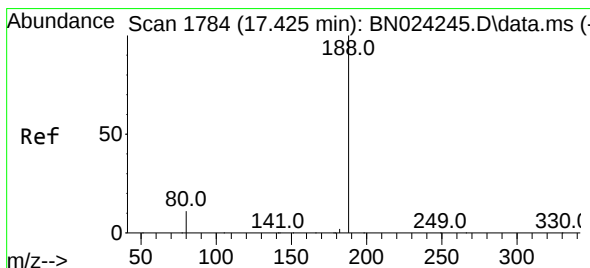
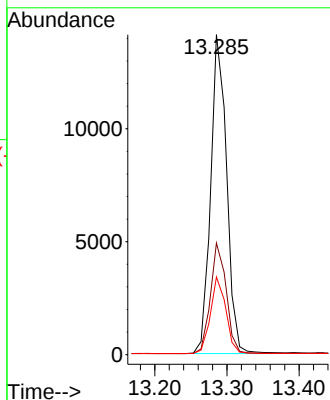
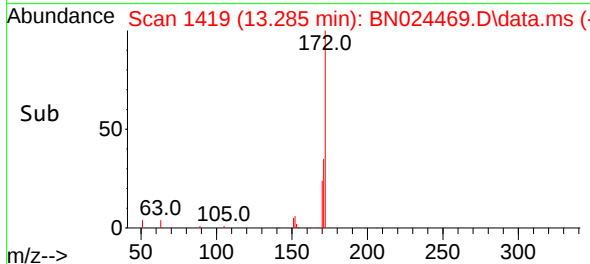
Instrument :
BNA_N
ClientSampleId :
FB02-20230313



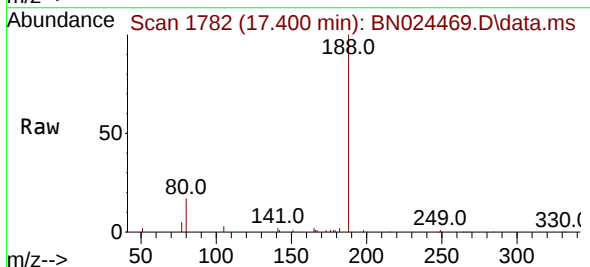
Tgt Ion:172 Resp: 21715
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 24.3 19.0 28.6

Manual Integrations
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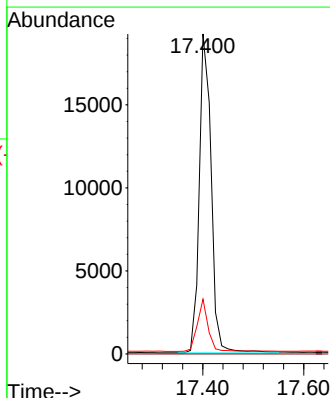
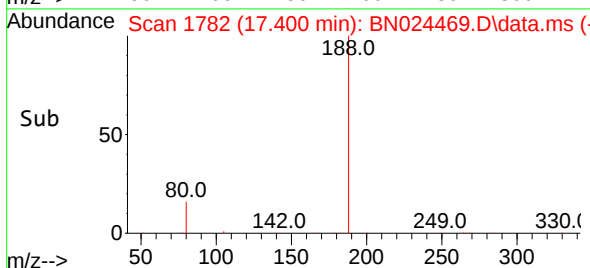
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

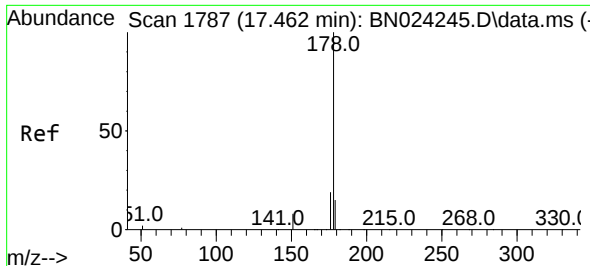


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.013 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14



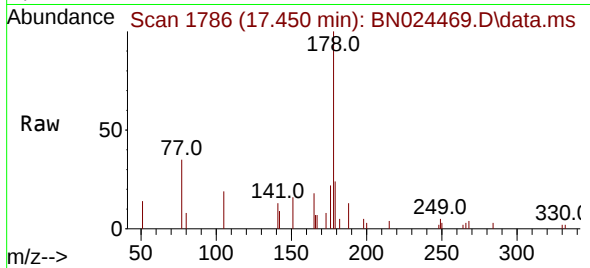
Tgt Ion:188 Resp: 31506
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.1 8.9 13.3#





#25
Phenanthrene
Concen: 0.040 ng m
RT: 17.450 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

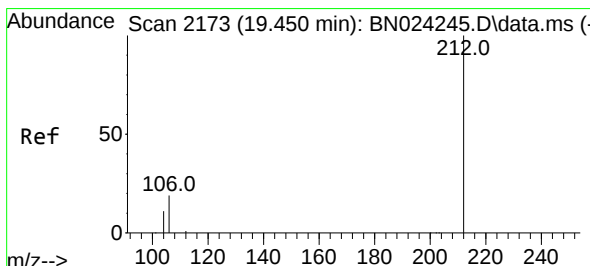
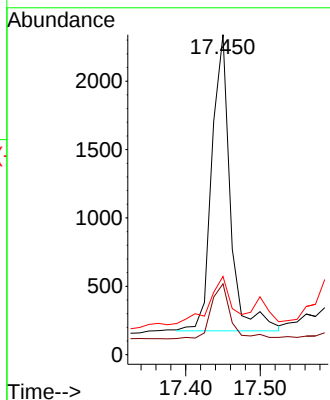
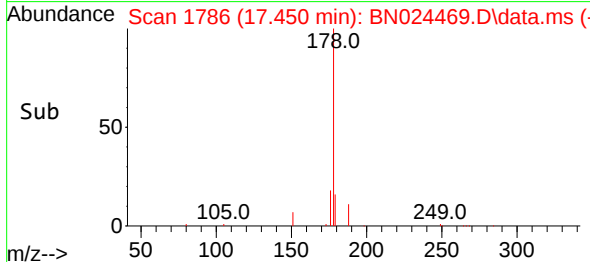
Instrument :
BNA_N
ClientSampleId :
FB02-20230313



Tgt Ion:178 Resp: 3730
Ion Ratio Lower Upper
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176 19.7 15.4 23.0
179 26.3 12.2 18.2

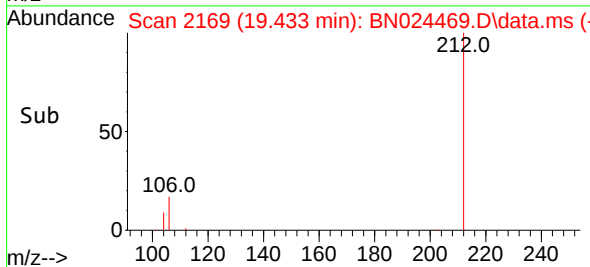
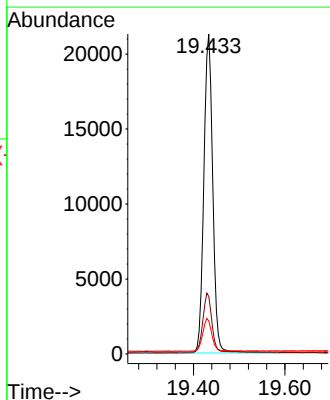
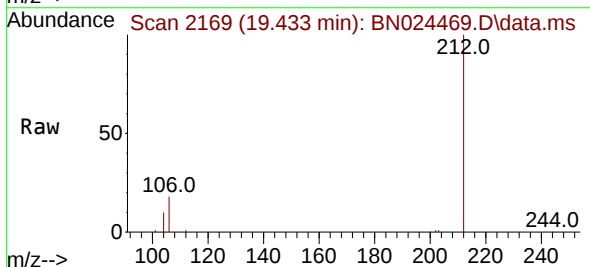
Manual Integrations
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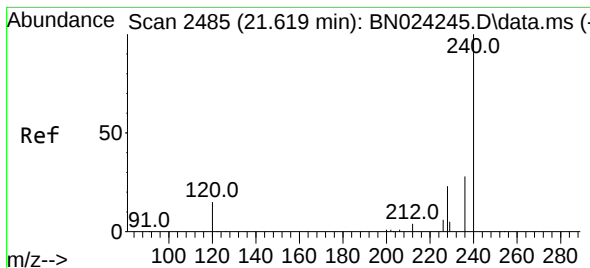
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.433 min Scan# 2169
Delta R.T. -0.004 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

Tgt Ion:212 Resp: 28877
Ion Ratio Lower Upper
212 100
106 18.1 15.4 23.2
104 10.3 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.583 min Scan# 2481

Delta R.T. -0.009 min

Lab File: BN024469.D

Acq: 22 Mar 2023 05:14

Instrument :

BNA_N

ClientSampleId :

FB02-20230313

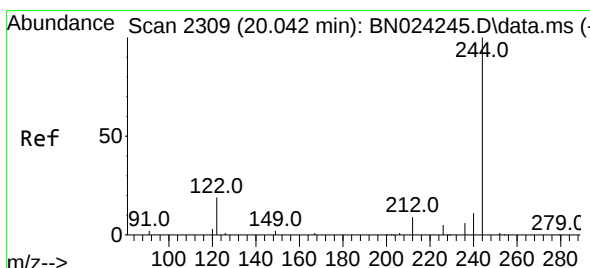
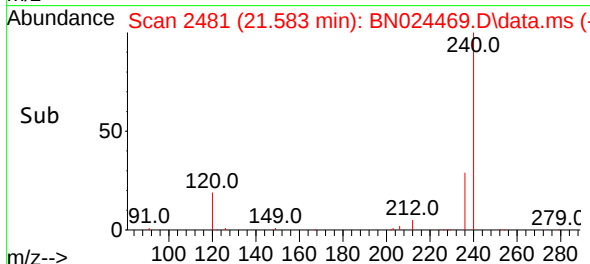
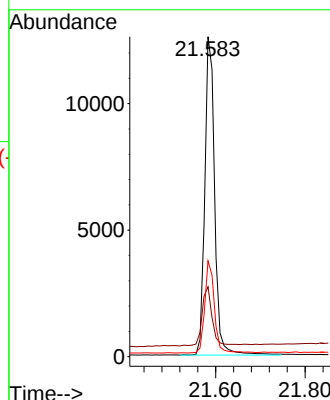
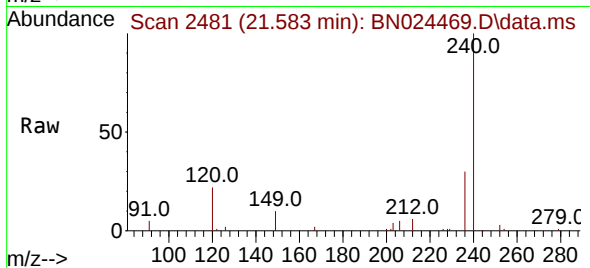
Tgt Ion:240	Resp:	1929
Ion Ratio	Lower	Upper
240	100	
120	21.9	12.8 19.2
236	30.0	22.5 33.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/22/2023

Supervised By :Jagrut Upadhyay 03/22/2023



#31

Terphenyl-d14

Concen: 0.489 ng

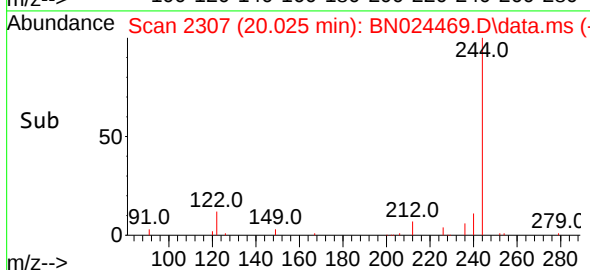
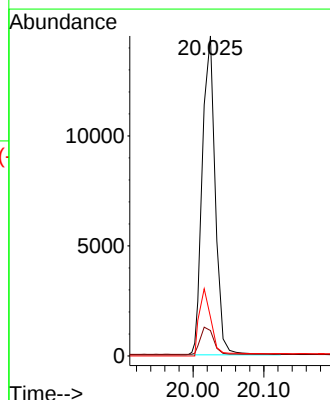
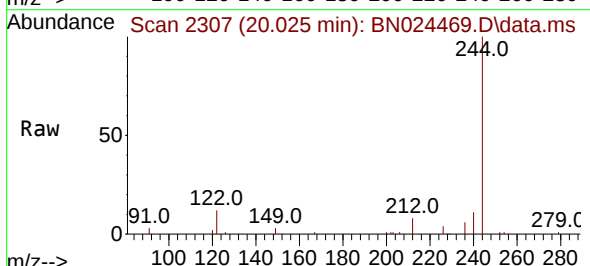
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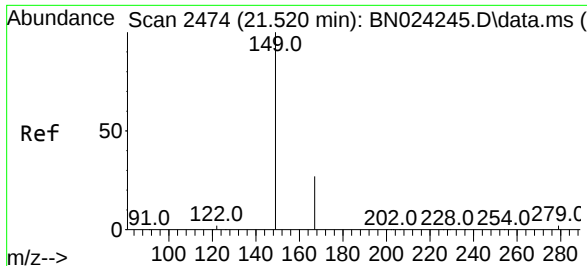
Delta R.T. -0.000 min

Lab File: BN024469.D

Acq: 22 Mar 2023 05:14

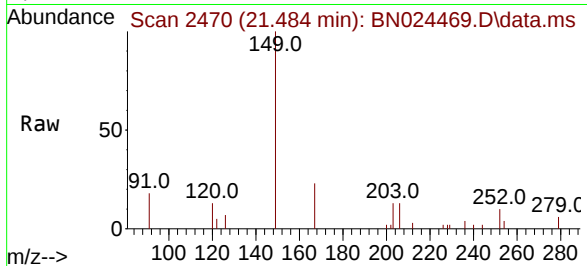
Tgt Ion:244	Resp:	15890
Ion Ratio	Lower	Upper
244	100	
212	8.0	7.6 11.4
122	12.2	15.1 22.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.484 min Scan# 2474
Delta R.T. -0.009 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

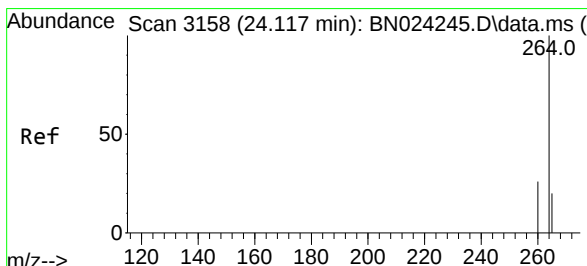
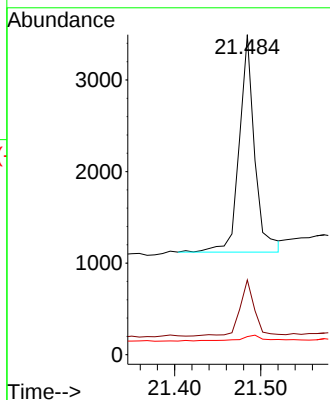
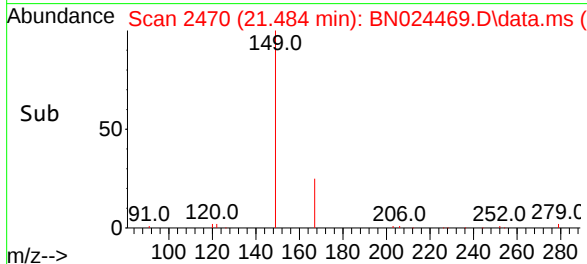
Instrument :
BNA_N
ClientSampleId :
FB02-20230313



Tgt Ion:149 Resp: 2950
Ion Ratio Lower Upper
149 100
167 25.0 21.2 31.8
279 5.2 1.8 2.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.070 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BN024469.D
Acq: 22 Mar 2023 05:14

Tgt Ion:264 Resp: 14771
Ion Ratio Lower Upper
264 100
260 26.6 21.4 32.2
265 85.2 35.7 53.5

