

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
 Data File : BN021555.D
 Acq On : 02 Sep 2022 10:32
 Operator : CG/JU
 Sample : N4357-02DL 2X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220822DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/06/2022
 Supervised By : Jagrut Upadhyay 09/06/2022

Quant Time: Sep 03 00:08:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 00:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	5877	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	18086	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9917	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	20798	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11649	0.400	ng	0.00
35) Perylene-d12	24.182	264	8046	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	890	0.077	ng	0.00
5) Phenol-d6	7.224	99	629	0.043	ng	0.00
8) Nitrobenzene-d5	9.243	82	1950m	0.160	ng	0.00
11) 2-Methylnaphthalene-d10	12.490	152	6414	0.157	ng	0.00
14) 2,4,6-Tribromophenol	16.218	330	361	0.111	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	8126	0.187	ng	0.00
27) Fluoranthene-d10	19.501	212	9159	0.171	ng	0.00
31) Terphenyl-d14	20.088	244	7136	0.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	19583	2.664	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.557	149	759	0.046	ng	99

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

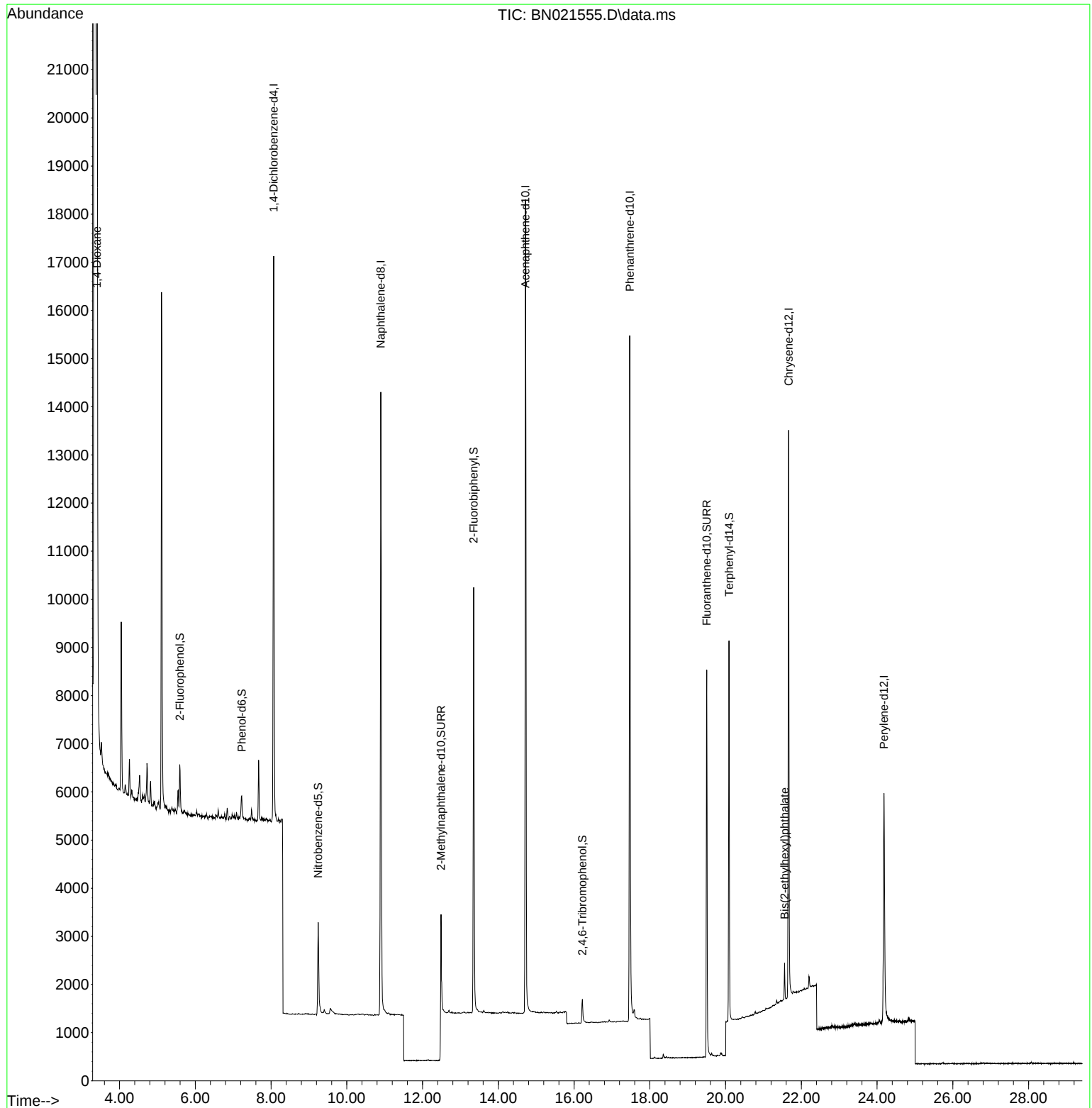
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
APPROVED

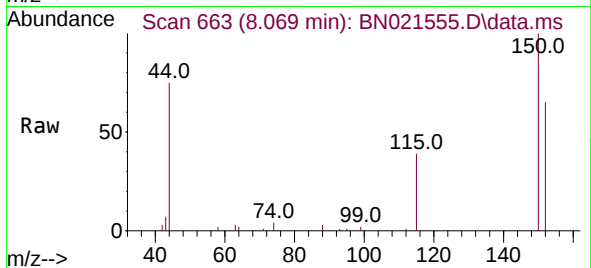
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.069 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

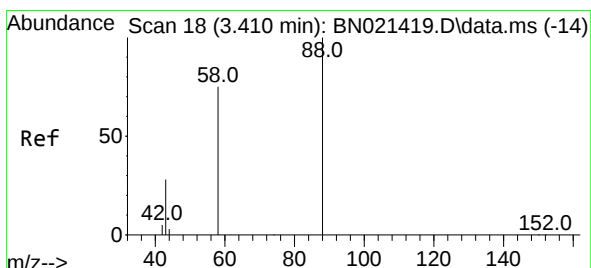
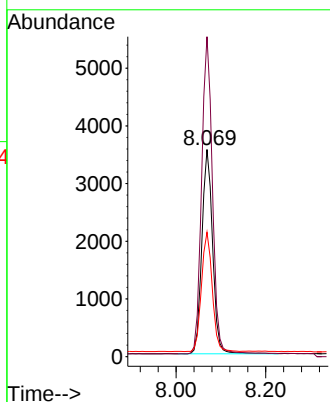
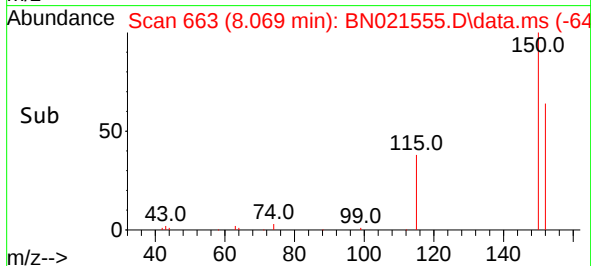
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822DL



Tgt Ion: 152 Resp: 5872
Ion Ratio Lower Upper
152 100
150 154.5 121.4 182.0
115 60.1 48.6 72.8

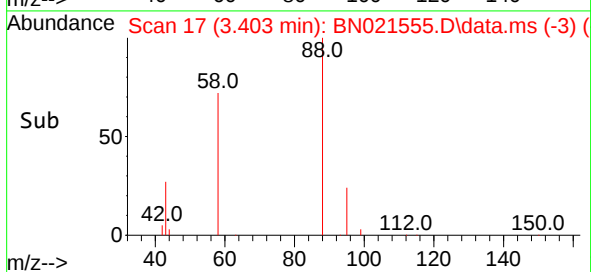
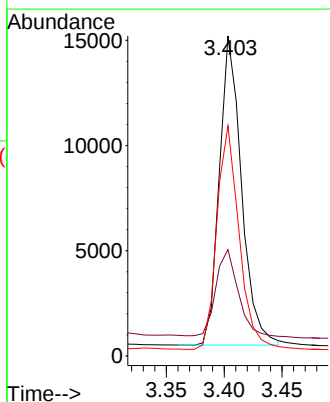
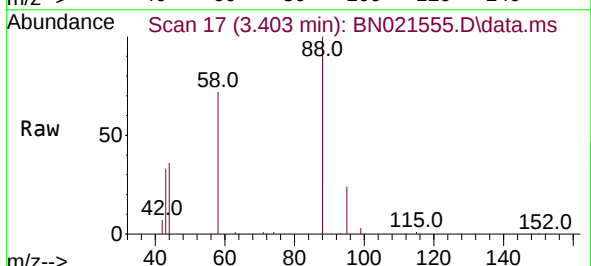
Manual Integrations
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Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#2
1,4-Dioxane
Concen: 2.664 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

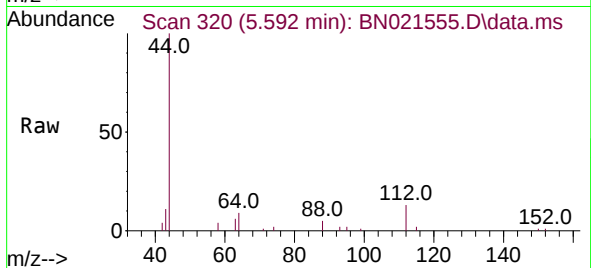
Tgt Ion: 88 Resp: 19583
Ion Ratio Lower Upper
88 100
43 28.2 35.8 53.8#
58 72.9 57.1 85.7





#4
2-Fluorophenol
Concen: 0.077 ng
RT: 5.592 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

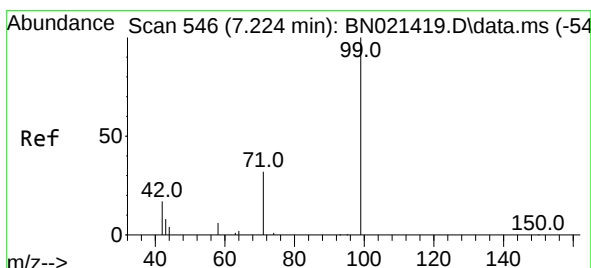
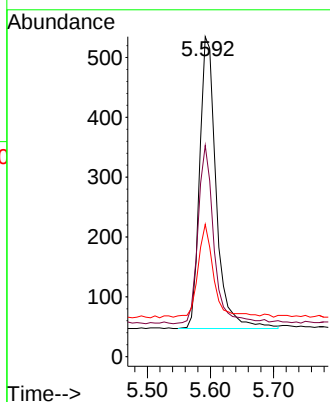
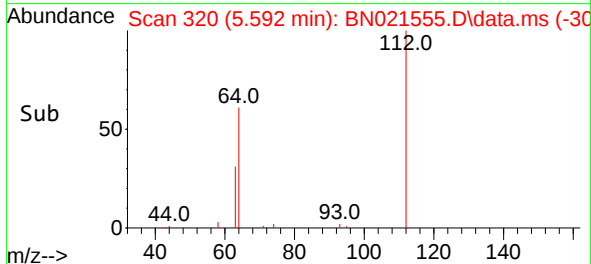
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822DL



Tgt Ion: 112 Resp: 890
Ion Ratio Lower Upper
112 100
64 59.2 43.5 65.3
63 29.8 22.6 34.0

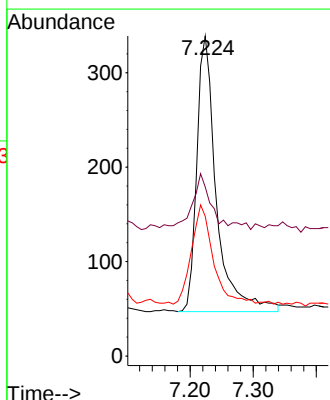
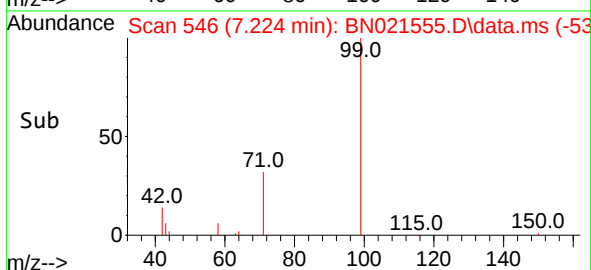
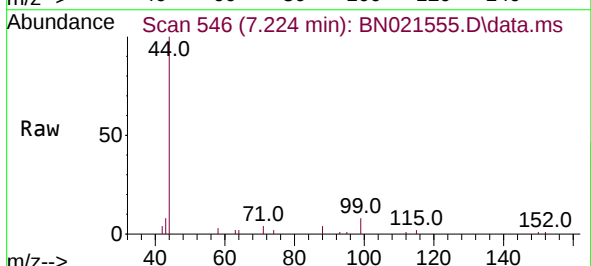
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#5
Phenol-d6
Concen: 0.043 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.007 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

Tgt Ion: 99 Resp: 629
Ion Ratio Lower Upper
99 100
42 18.0 15.5 23.3
71 38.5 24.2 36.2





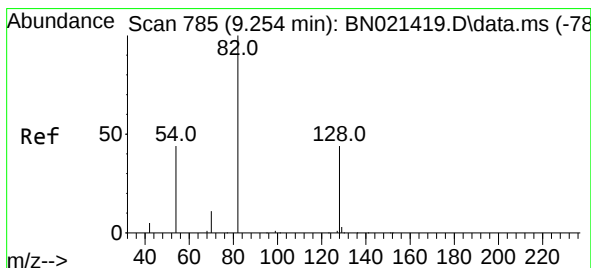
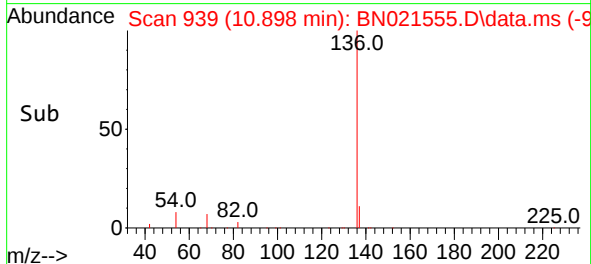
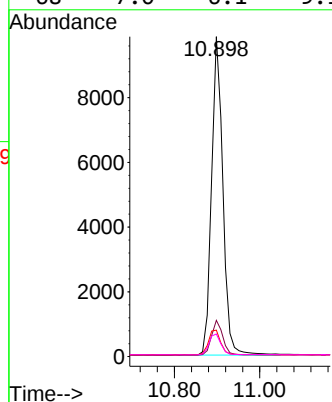
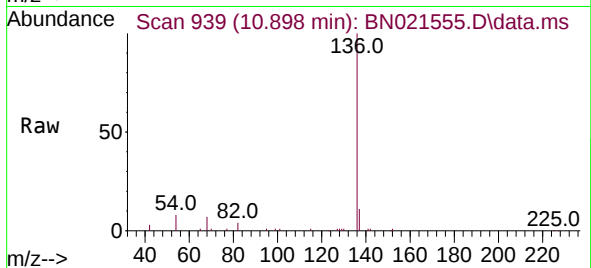
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822DL

Tgt Ion:	136	Resp:	18086
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	8.3	6.9	10.3
68	7.0	6.1	9.1

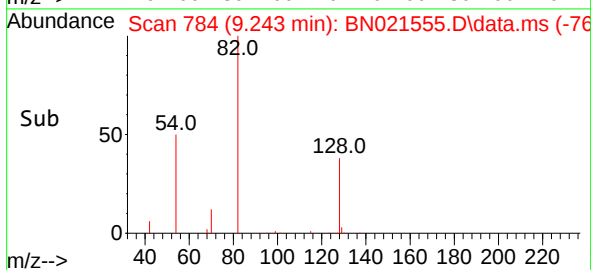
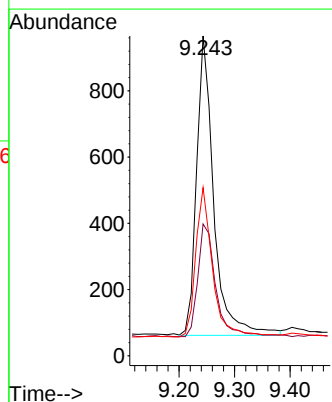
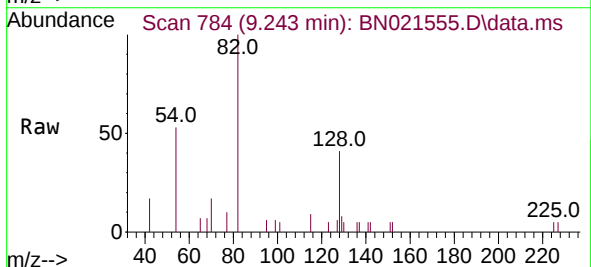
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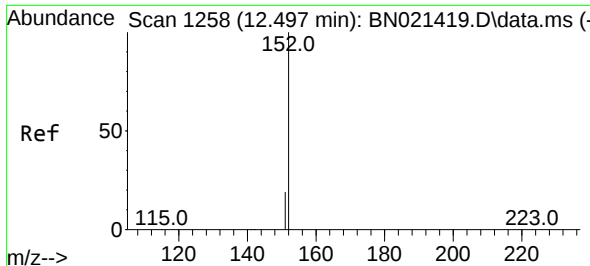
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#8
Nitrobenzene-d5
Concen: 0.160 ng m
RT: 9.243 min Scan# 784
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

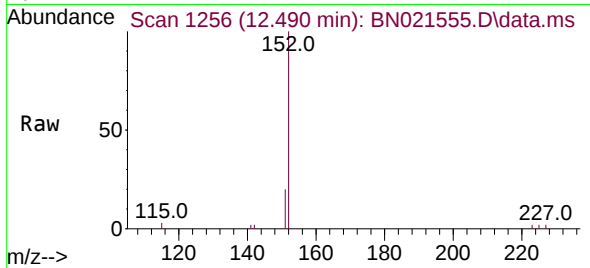
Tgt Ion:	82	Resp:	1950
Ion Ratio	Lower	Upper	
82	100		
128	41.2	30.9	46.3
54	52.6	42.7	64.1





#11
2-Methylnaphthalene-d10
Concen: 0.157 ng
RT: 12.490 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

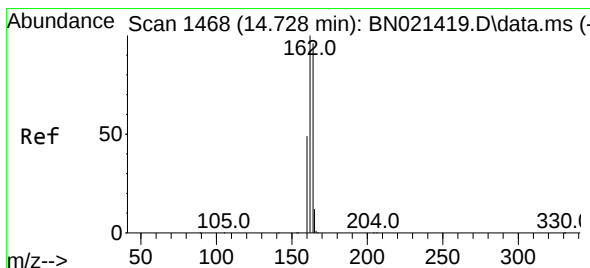
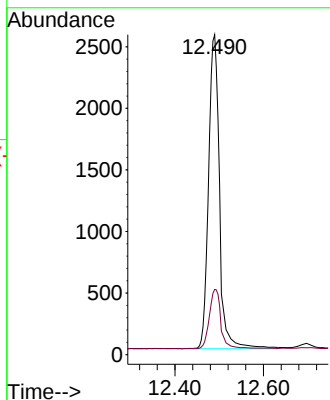
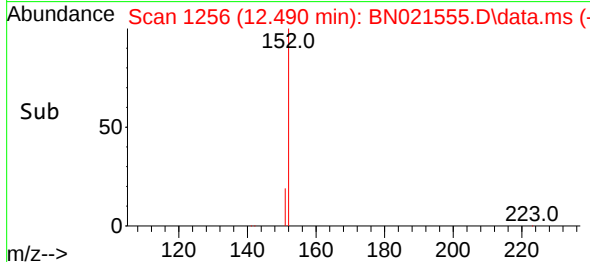
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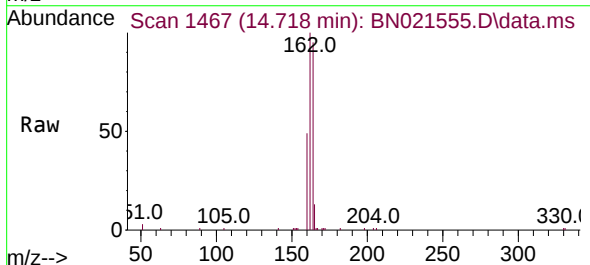
Tgt Ion:152 Resp: 6414
Ion Ratio Lower Upper
152 100
151 22.3 14.5 21.7

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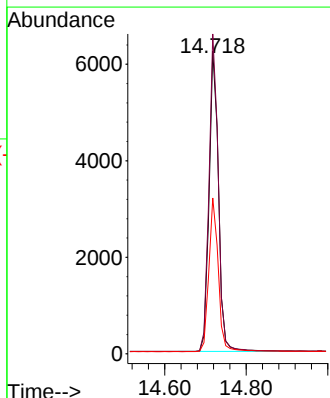
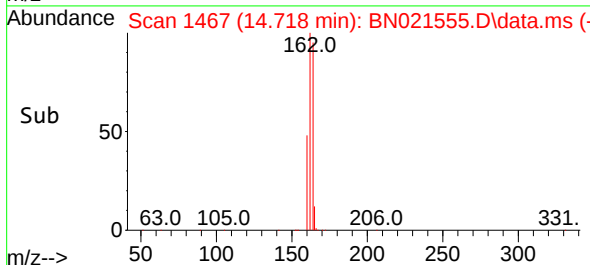
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32



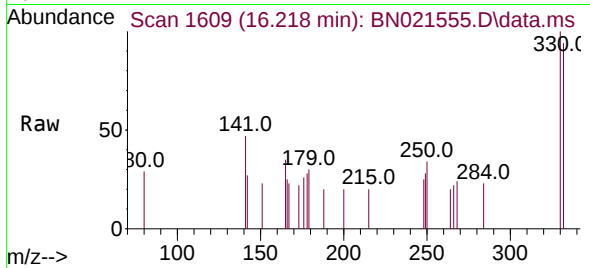
Tgt Ion:164 Resp: 9917
Ion Ratio Lower Upper
164 100
162 105.7 82.2 123.4
160 51.5 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 16.218 min Scan# 1609
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

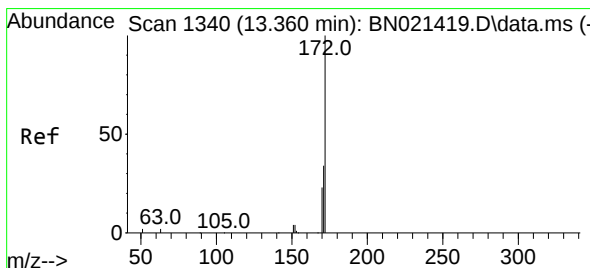
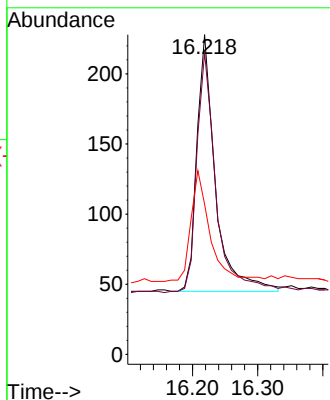
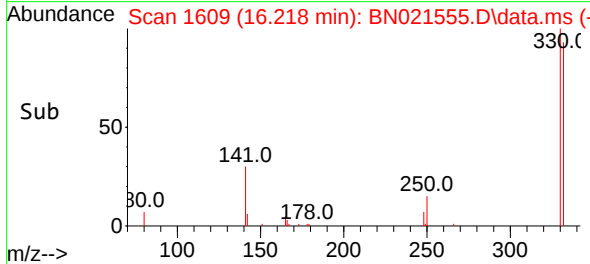
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220822DL



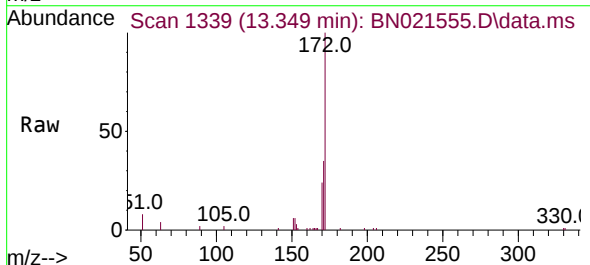
Tgt Ion: 330 Resp: 361
Ion Ratio Lower Upper
330 100
332 97.8 79.3 118.9
141 44.6 37.1 55.7

Manual Integrations
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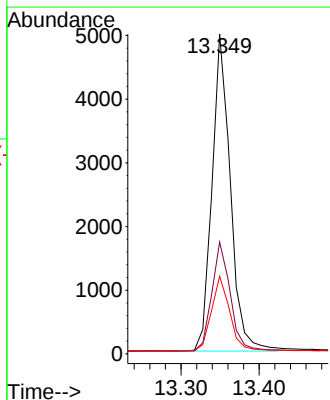
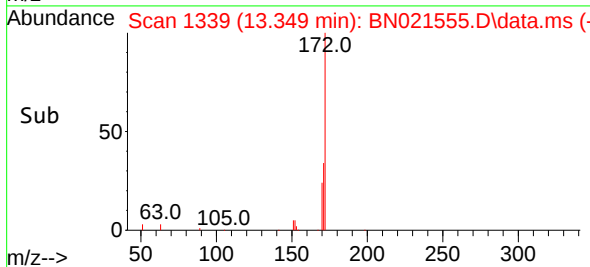
Reviewed By : Christian Giraldo 09/06/2022
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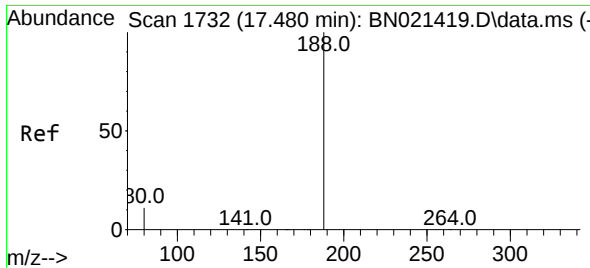


#15
2-Fluorobiphenyl
Concen: 0.187 ng
RT: 13.349 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32



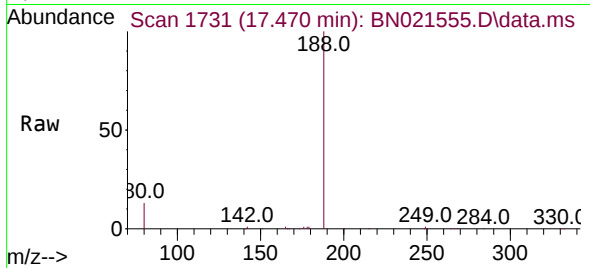
Tgt Ion: 172 Resp: 8126
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.6
170 24.3 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

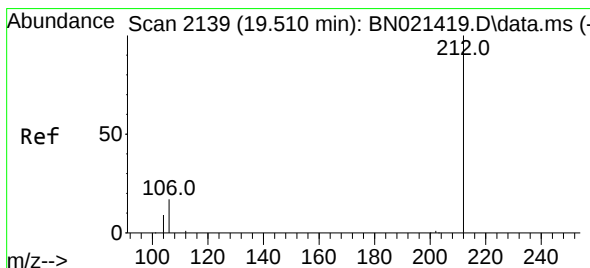
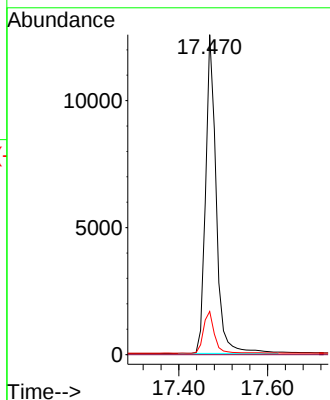
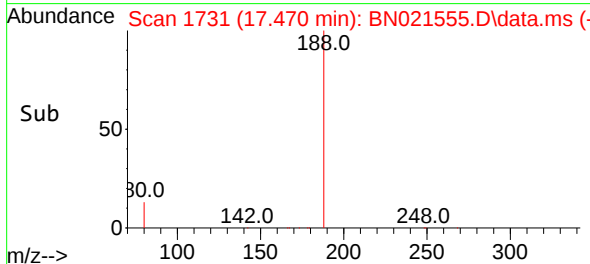
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BNA_N
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Tgt Ion:188 Resp: 20798
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 9.5 14.3

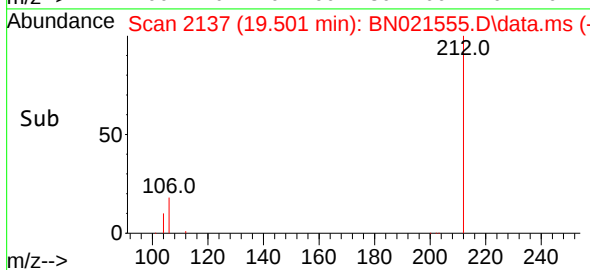
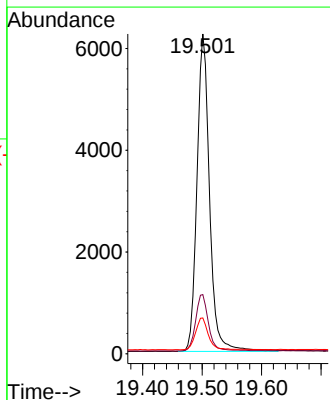
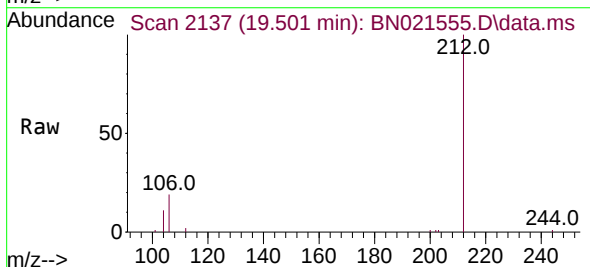
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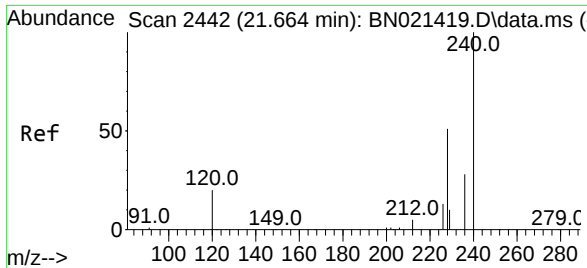
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#27
Fluoranthene-d10
Concen: 0.171 ng
RT: 19.501 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

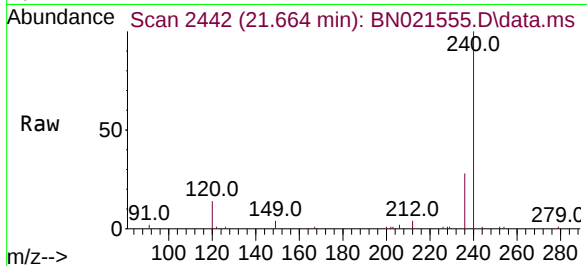
Tgt Ion:212 Resp: 9159
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.1 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32

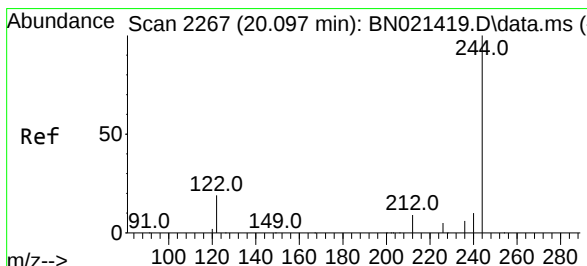
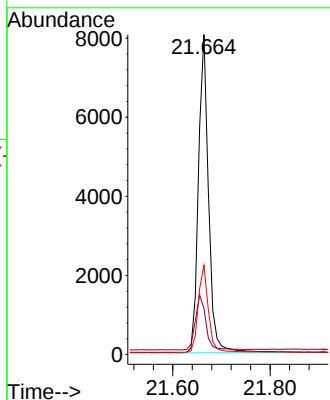
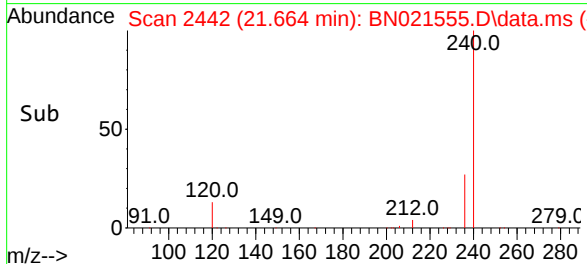
Instrument :
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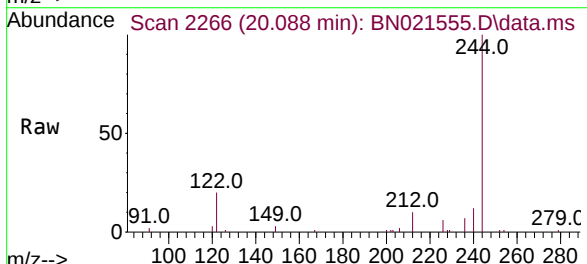
Tgt Ion:240 Resp: 11649
Ion Ratio Lower Upper
240 100
120 14.4 10.2 15.4
236 27.9 22.1 33.1

Manual Integrations
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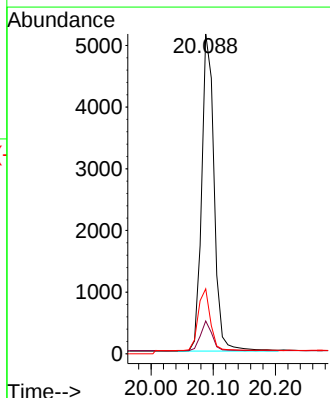
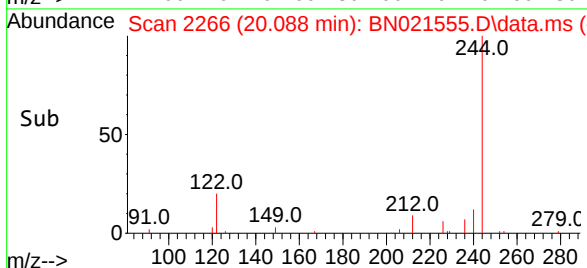
Reviewed By :Christian Giraldo 09/06/2022
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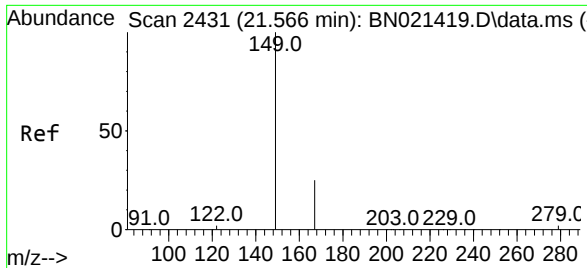


#31
Terphenyl-d14
Concen: 0.273 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021555.D
Acq: 02 Sep 2022 10:32



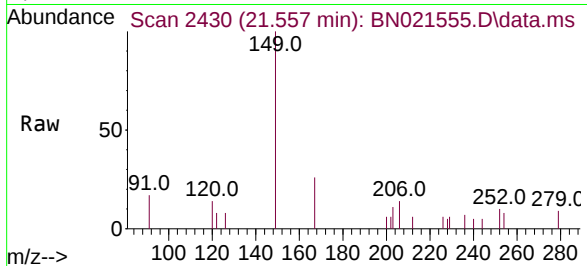
Tgt Ion:244 Resp: 7136
Ion Ratio Lower Upper
244 100
212 10.3 6.5 9.7#
122 20.3 9.1 13.7#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.046 ng
 RT: 21.557 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BN021555.D
 Acq: 02 Sep 2022 10:32

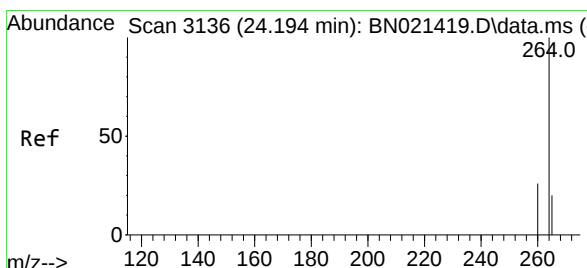
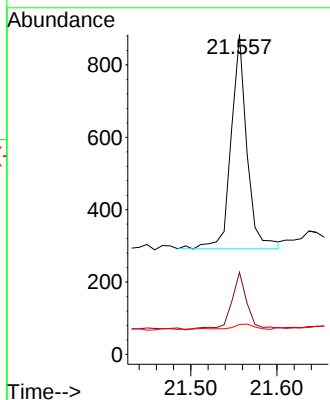
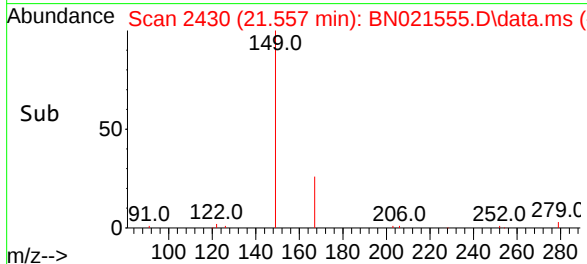
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220822DL



Tgt Ion:149 Resp: 759
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.4 32.0
 279 3.0 2.2 3.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/06/2022
 Supervised By :Jagrut Upadhyay 09/06/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.182 min Scan# 3132
 Delta R.T. -0.003 min
 Lab File: BN021555.D
 Acq: 02 Sep 2022 10:32

Tgt Ion:264 Resp: 8046
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.0 31.6
 265 37.9 32.2 48.2

