

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
 Data File : BN021566.D
 Acq On : 02 Sep 2022 18:00
 Operator : CG/JU
 Sample : N4454-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-8-13-083022

Manual Integrations
 APPROVED

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

Quant Time: Sep 03 03:08:30 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	5178	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	16546	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	9182	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	19151	0.400	ng	0.00
29) Chrysene-d12	21.664	240	11479	0.400	ng	0.00
35) Perylene-d12	24.179	264	8710	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.591	112	1696	0.167	ng	0.00
5) Phenol-d6	7.216	99	1228	0.095	ng	0.00
8) Nitrobenzene-d5	9.243	82	4322m	0.387	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	13872	0.372	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1204	0.399	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	18351	0.457	ng	0.00
27) Fluoranthene-d10	19.501	212	18982	0.386	ng	0.00
31) Terphenyl-d14	20.088	244	14137	0.548	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	707	0.109	ng	# 62
17) Acenaphthene	14.782	154	18102	0.597	ng	99
18) Fluorene	15.765	166	3871	0.103	ng	99
28) Fluoranthene	19.531	202	1751	0.025	ng	# 88
30) Pyrene	19.893	202	1225	0.020	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.556	149	1587	0.099	ng	98

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

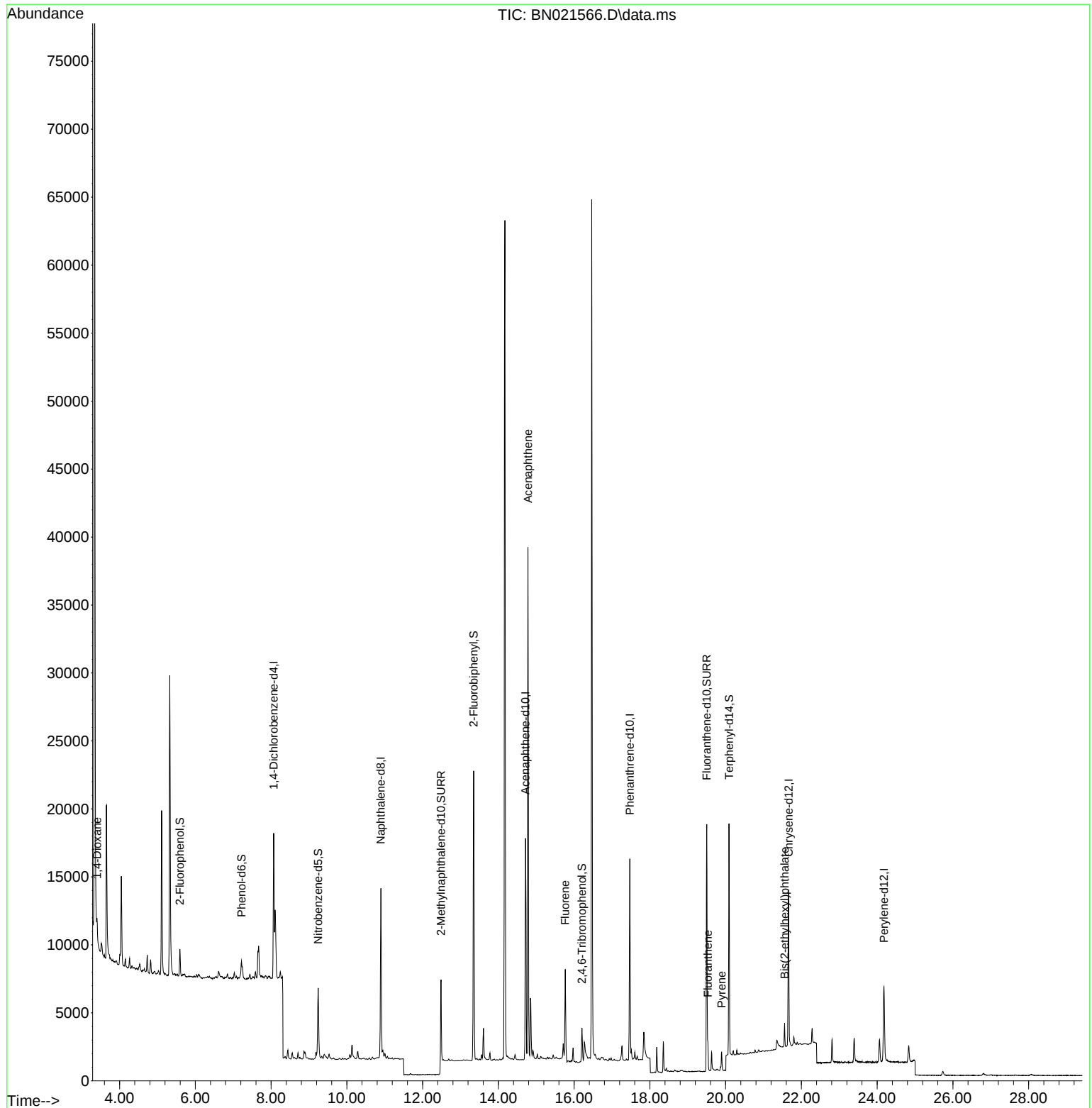
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021566.D
Acq On : 02 Sep 2022 18:00
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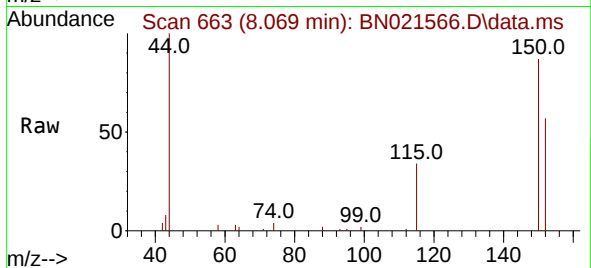
Quant Time: Sep 03 03:08:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BN021566.D
 Acq: 02 Sep 2022 18:00

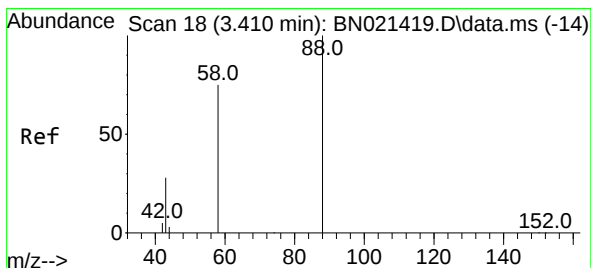
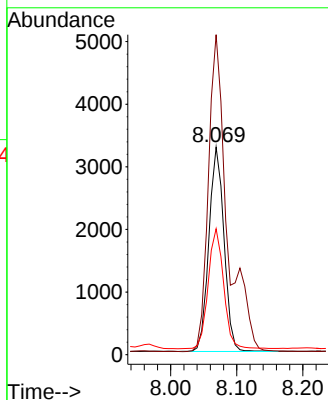
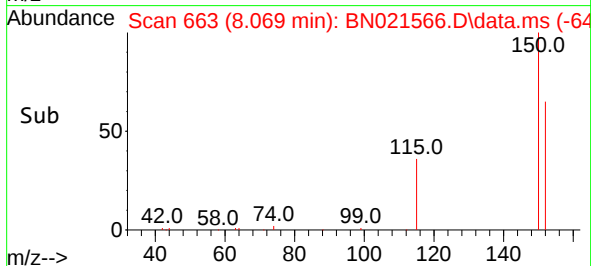
Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-8-13-083022



Tgt Ion: 152 Resp: 5178
 Ion Ratio Lower Upper
 152 100
 150 154.2 121.4 182.0
 115 60.7 48.6 72.8

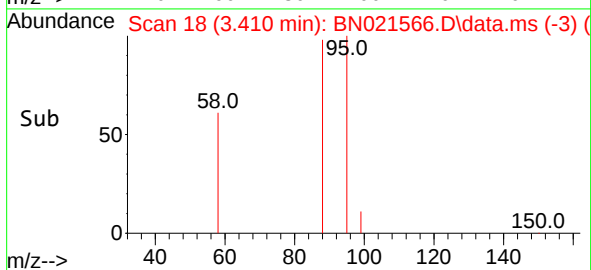
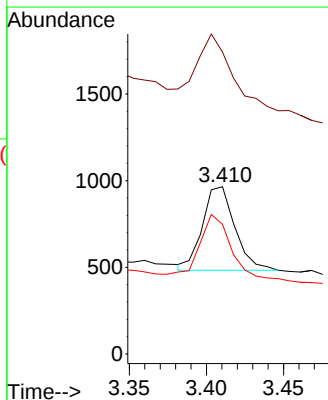
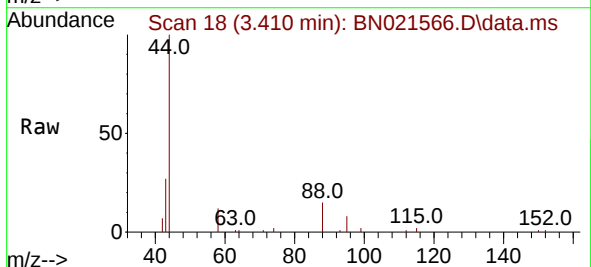
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#2
 1,4-Dioxane
 Concen: 0.109 ng
 RT: 3.410 min Scan# 18
 Delta R.T. 0.007 min
 Lab File: BN021566.D
 Acq: 02 Sep 2022 18:00

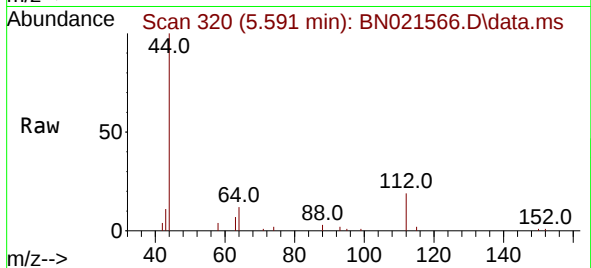
Tgt Ion: 88 Resp: 707
 Ion Ratio Lower Upper
 88 100
 43 108.2 35.8 53.8#
 58 72.4 57.1 85.7





#4
2-Fluorophenol
Concen: 0.167 ng
RT: 5.591 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

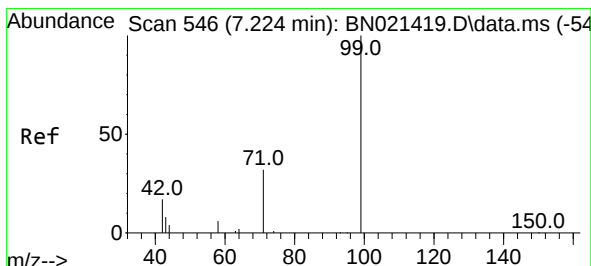
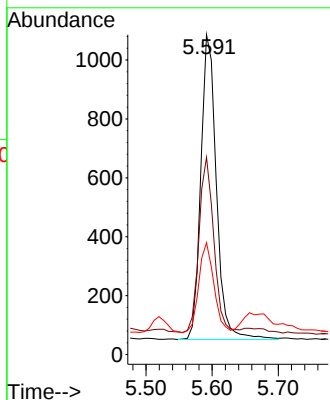
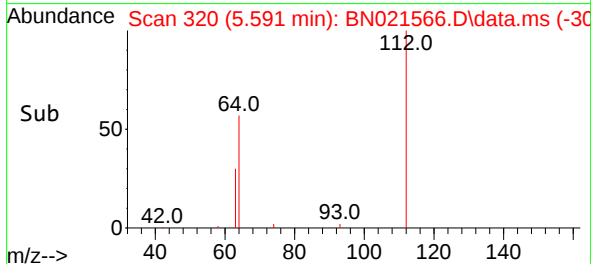
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



Tgt Ion: 112 Resp: 1690
Ion Ratio Lower Upper
112 100
64 54.8 43.5 65.3
63 28.7 22.6 34.0

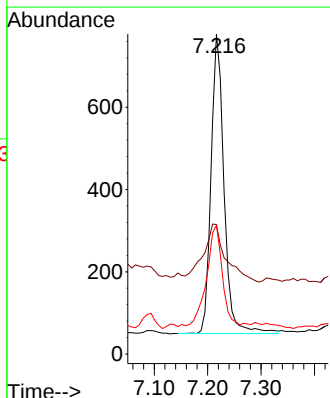
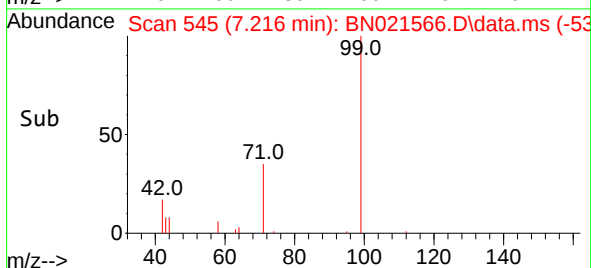
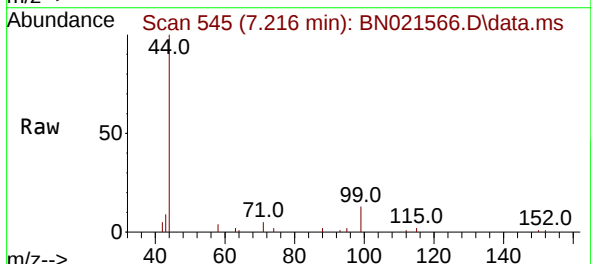
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#5
Phenol-d6
Concen: 0.095 ng
RT: 7.216 min Scan# 545
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

Tgt Ion: 99 Resp: 1228
Ion Ratio Lower Upper
99 100
42 34.0 15.5 23.3#
71 40.4 24.2 36.2#





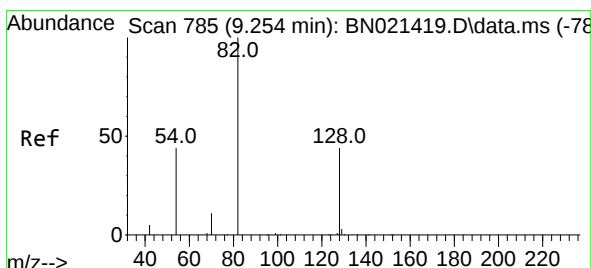
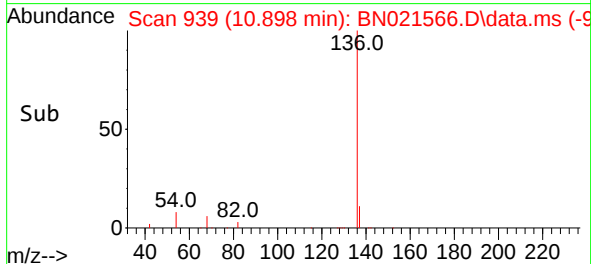
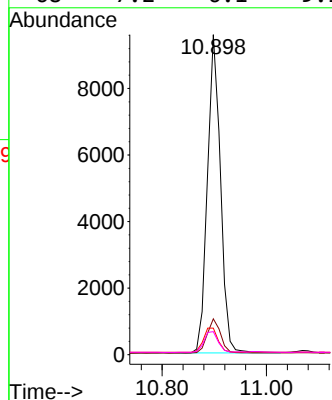
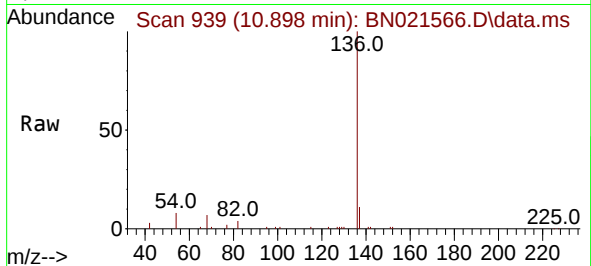
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022

Tgt Ion:136	Resp:	16540
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.3 13.9
54	8.3	6.9 10.3
68	7.2	6.1 9.1

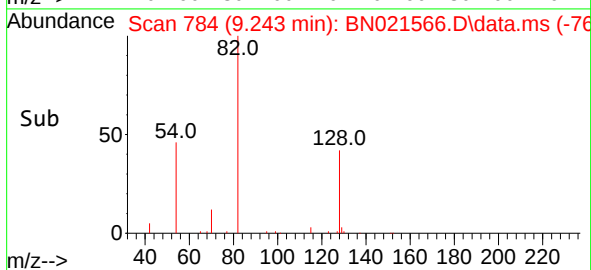
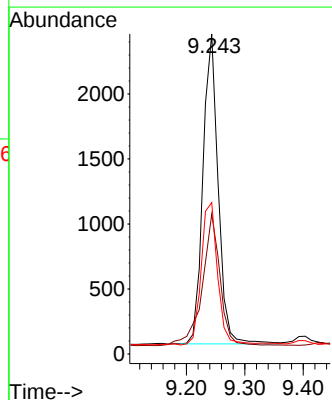
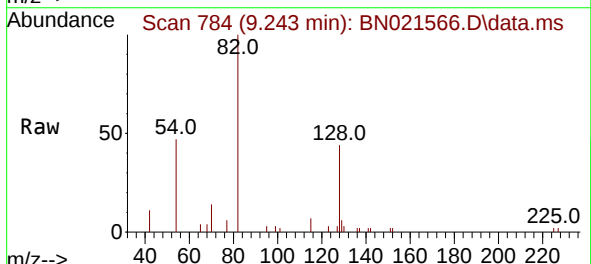
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#8
Nitrobenzene-d5
Concen: 0.387 ng m
RT: 9.243 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

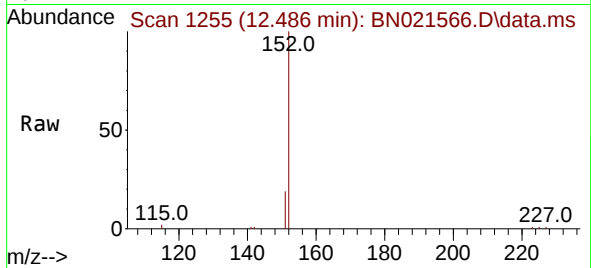
Tgt Ion: 82	Resp:	4322
Ion Ratio	Lower	Upper
82	100	
128	43.7	30.9 46.3
54	47.3	42.7 64.1





#11
2-Methylnaphthalene-d10
Concen: 0.372 ng
RT: 12.486 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

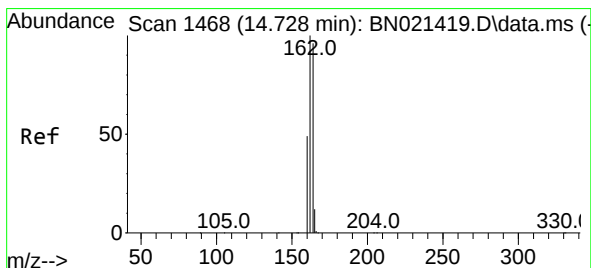
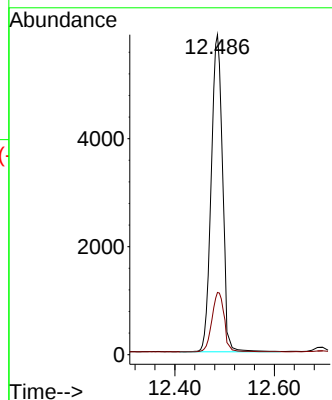
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



Tgt Ion:152 Resp: 1387
Ion Ratio Lower Upper
152 100
151 18.3 14.5 21.7

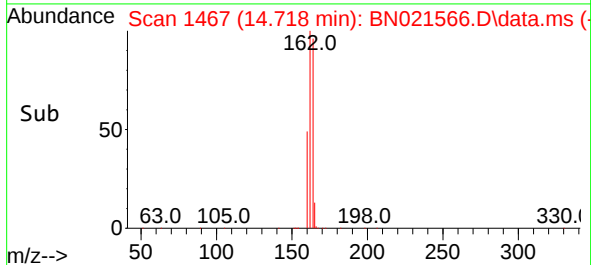
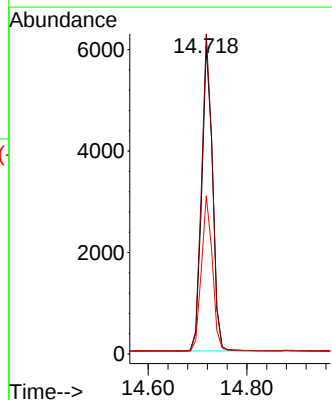
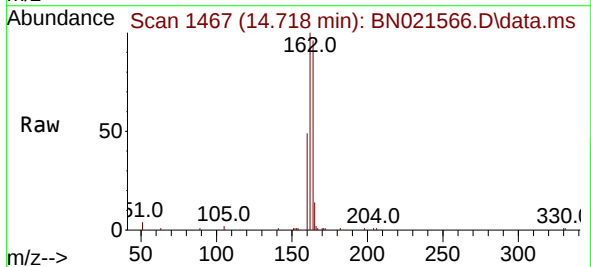
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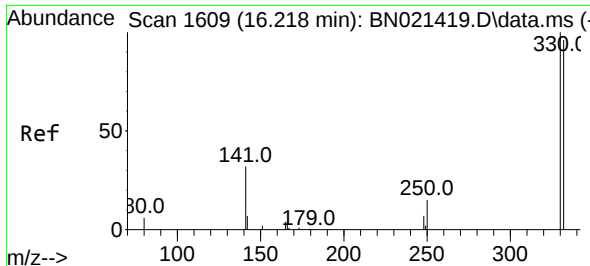
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

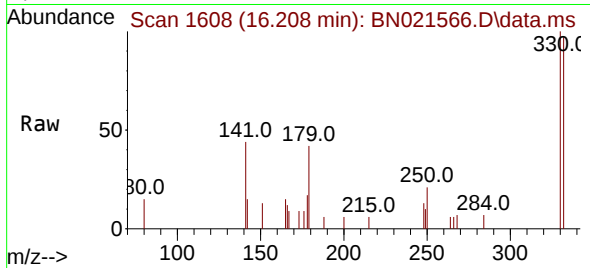
Tgt Ion:164 Resp: 9182
Ion Ratio Lower Upper
164 100
162 103.9 82.2 123.4
160 51.4 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.399 ng
RT: 16.208 min Scan# 1609
Delta R.T. -0.010 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

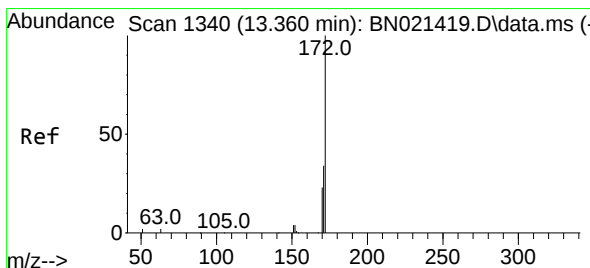
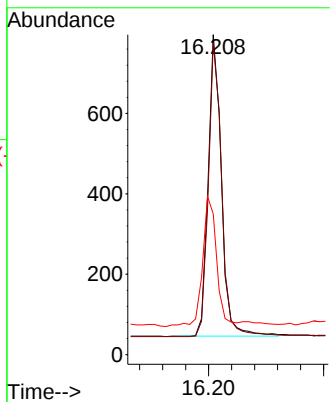
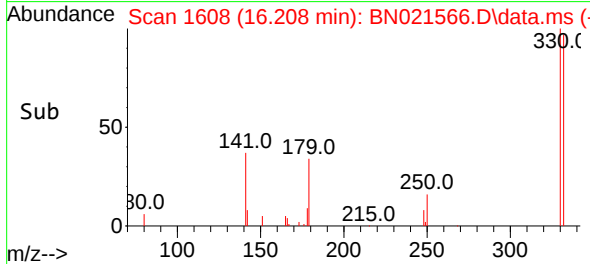
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



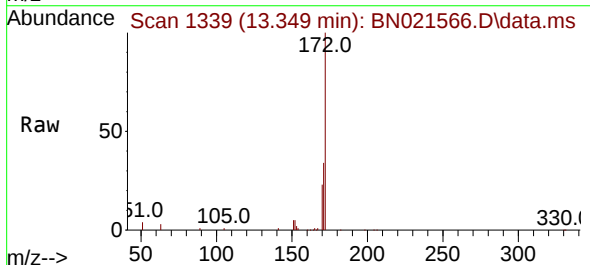
Tgt Ion: 330 Resp: 1204
Ion Ratio Lower Upper
330 100
332 98.3 79.3 118.9
141 43.3 37.1 55.7

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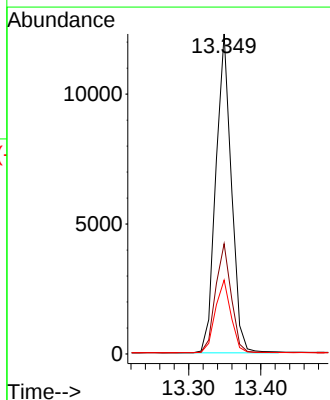
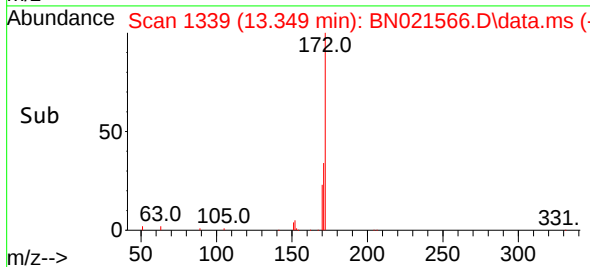
Reviewed By : Christian Giraldo 09/06/2022
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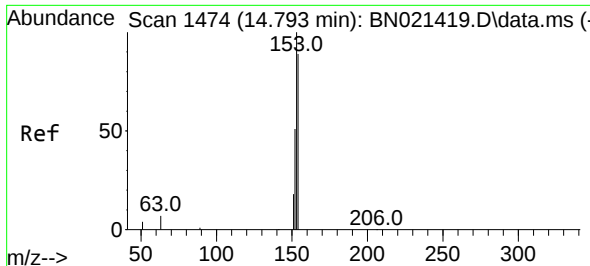


#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00



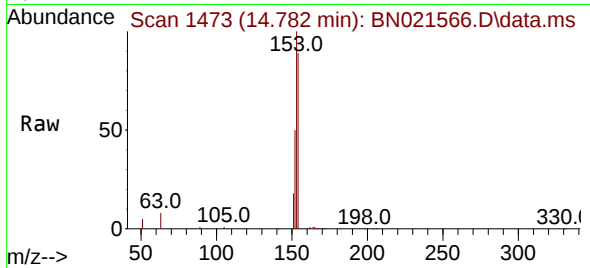
Tgt Ion: 172 Resp: 18351
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.6
170 23.1 18.6 28.0





#17
Acenaphthene
Concen: 0.597 ng
RT: 14.782 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

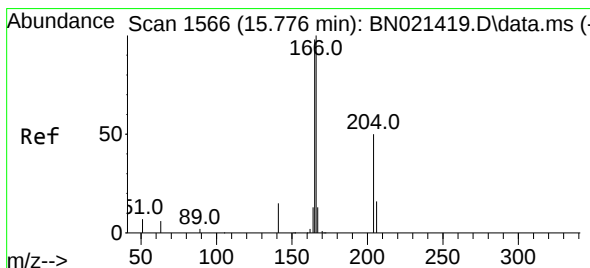
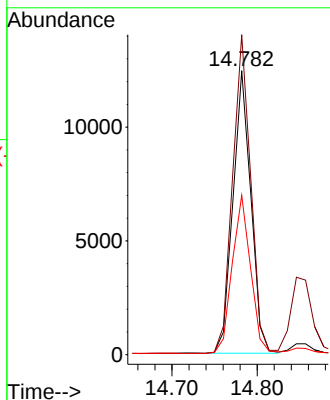
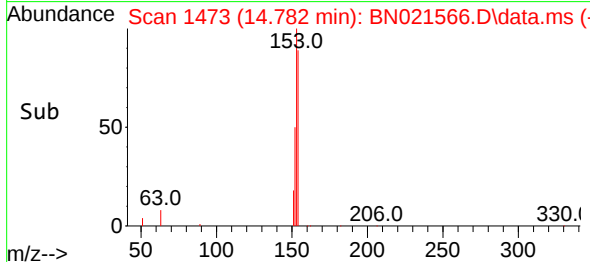
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



Tgt Ion:154 Resp: 1810
Ion Ratio Lower Upper
154 100
153 113.7 89.5 134.3
152 57.4 45.5 68.3

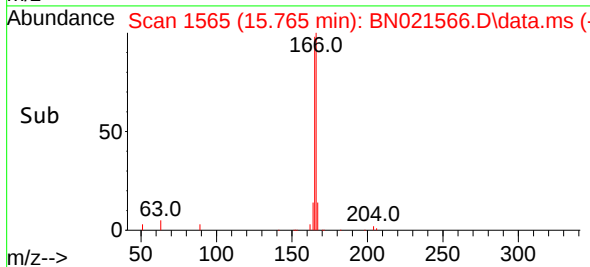
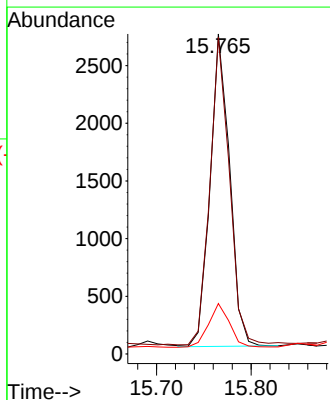
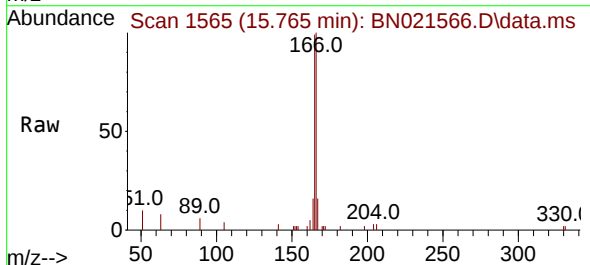
Manual Integrations
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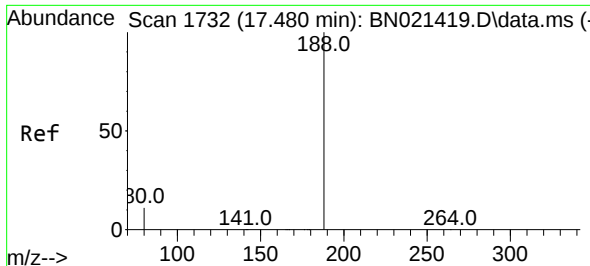
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#18
Fluorene
Concen: 0.103 ng
RT: 15.765 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

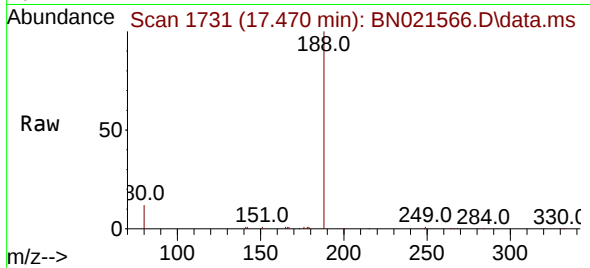
Tgt Ion:166 Resp: 3871
Ion Ratio Lower Upper
166 100
165 97.9 78.7 118.1
167 15.2 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

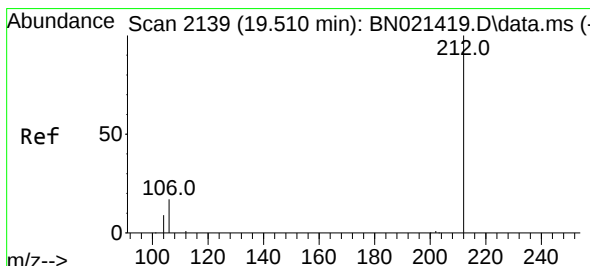
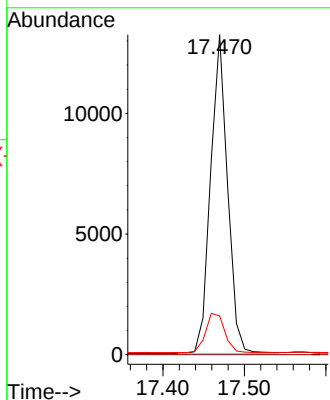
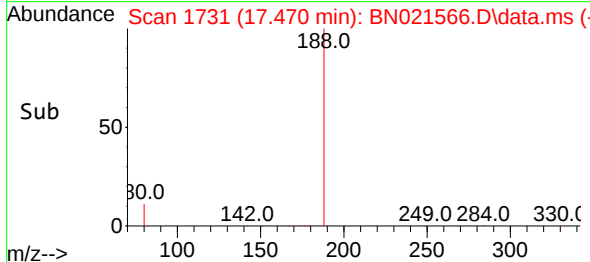
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



Tgt Ion:188 Resp: 1915
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.1 9.5 14.3

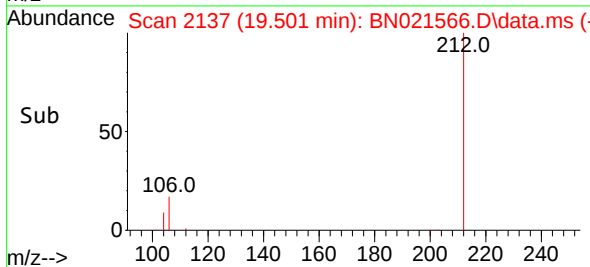
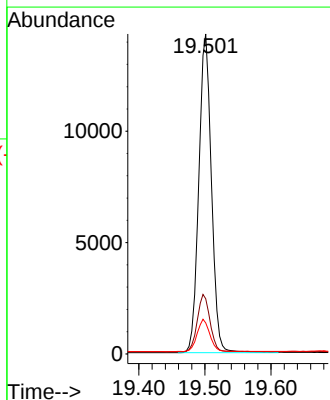
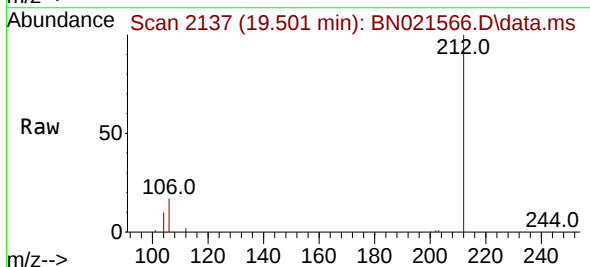
Manual Integrations
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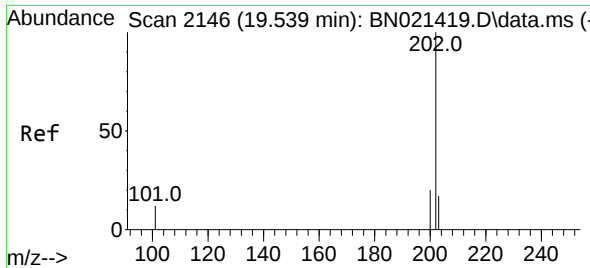
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#27
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

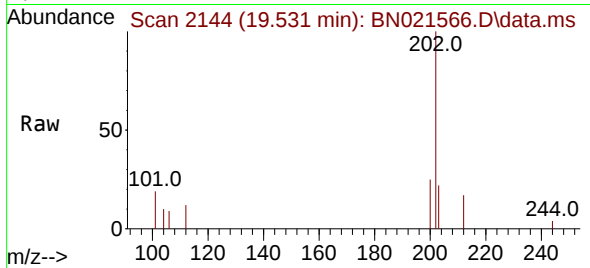
Tgt Ion:212 Resp: 18982
Ion Ratio Lower Upper
212 100
106 18.0 14.2 21.2
104 10.3 7.8 11.6





#28
Fluoranthene
Concen: 0.025 ng
RT: 19.531 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

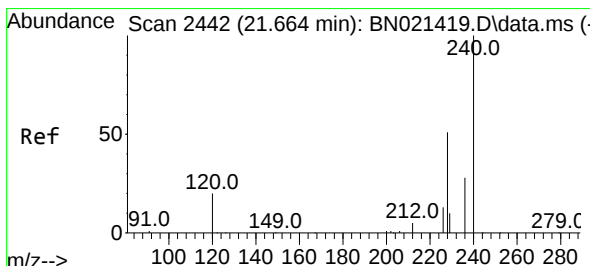
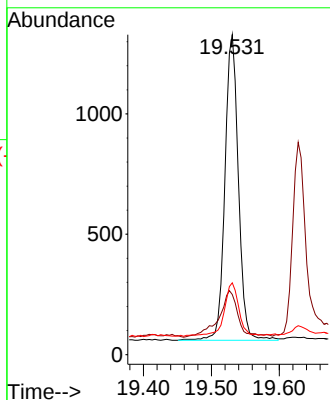
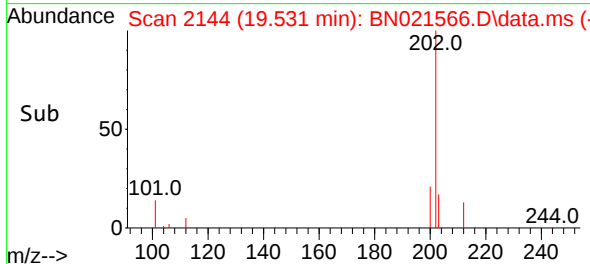
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



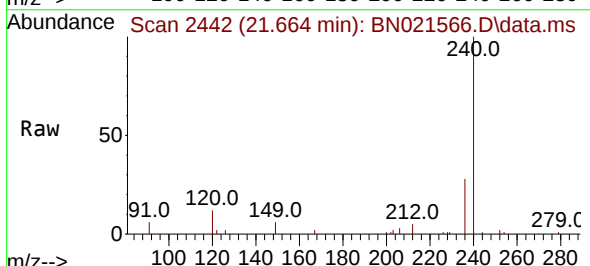
Tgt Ion:202 Resp: 175
Ion Ratio Lower Upper
202 100
101 21.9 10.9 16.3
203 19.5 13.8 20.6

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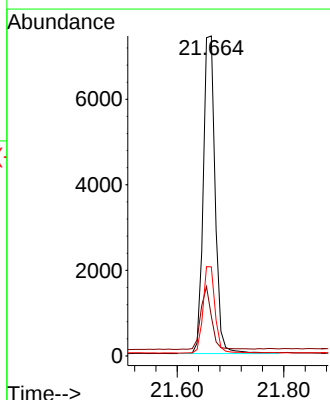
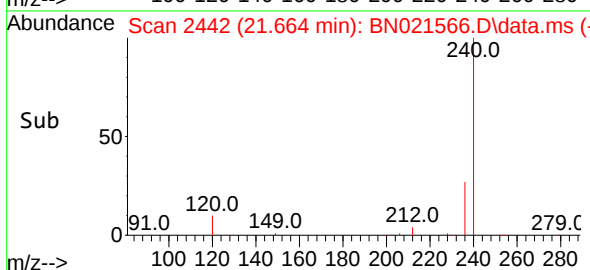
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

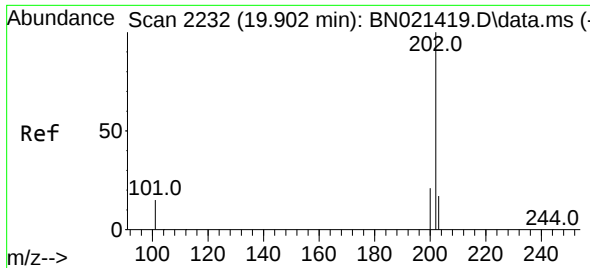


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00



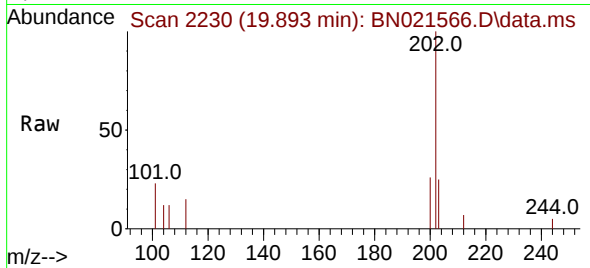
Tgt Ion:240 Resp: 11479
Ion Ratio Lower Upper
240 100
120 12.4 10.2 15.4
236 27.9 22.1 33.1





#30
Pyrene
Concen: 0.020 ng
RT: 19.893 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

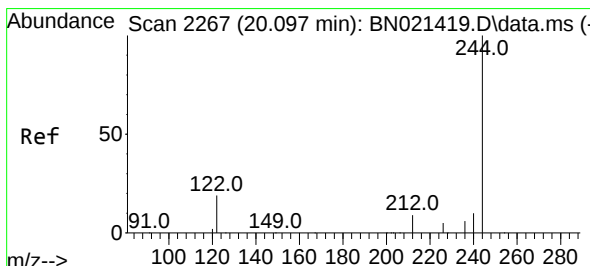
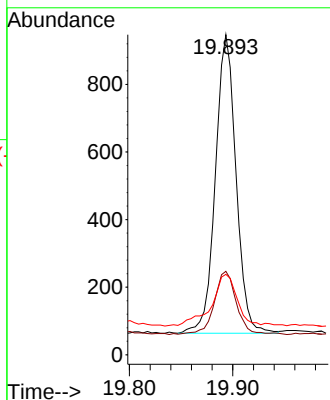
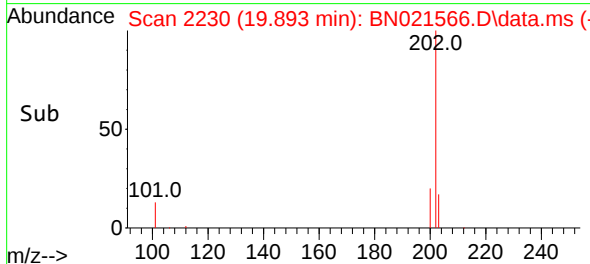
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



Tgt Ion:202 Resp: 1225
Ion Ratio Lower Upper
202 100
200 22.9 13.9 20.9
203 21.4 11.9 17.9

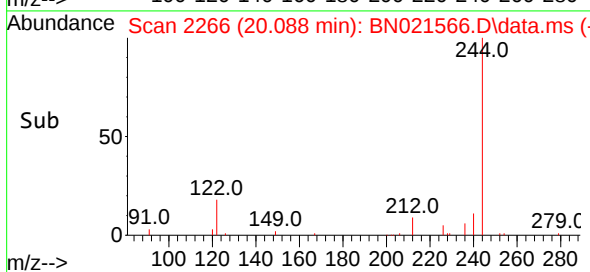
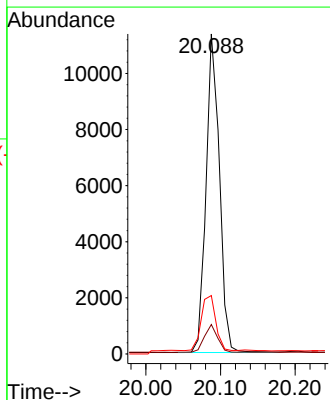
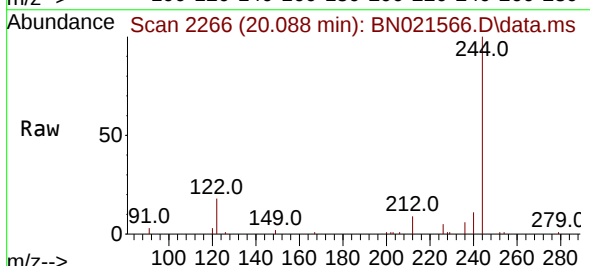
Manual Integrations
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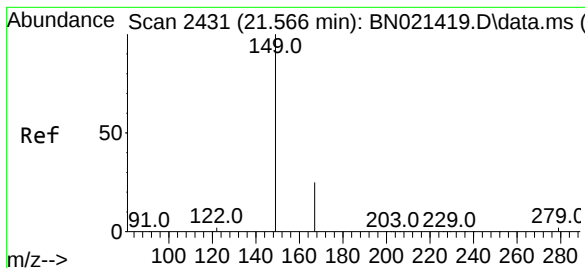
Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022



#31
Terphenyl-d14
Concen: 0.548 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

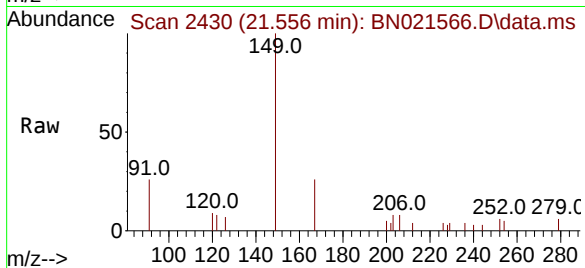
Tgt Ion:244 Resp: 14137
Ion Ratio Lower Upper
244 100
212 9.2 6.5 9.7
122 18.2 9.1 13.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.099 ng
RT: 21.556 min Scan# 2431
Delta R.T. -0.000 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00

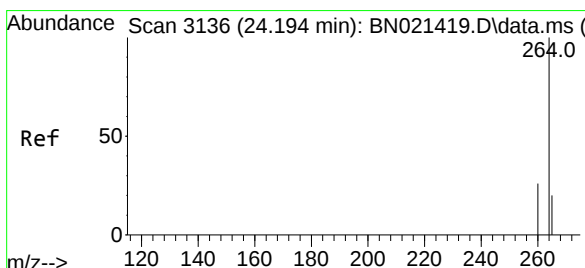
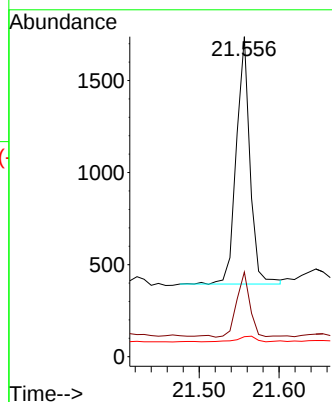
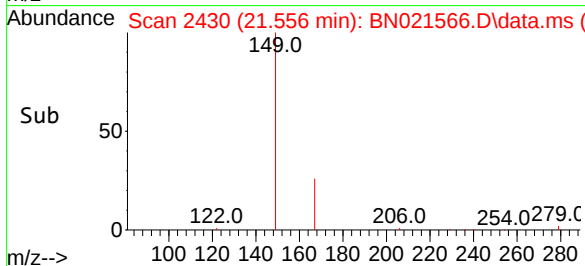
Instrument :
BNA_N
ClientSampleId :
MW-13A-8-13-083022



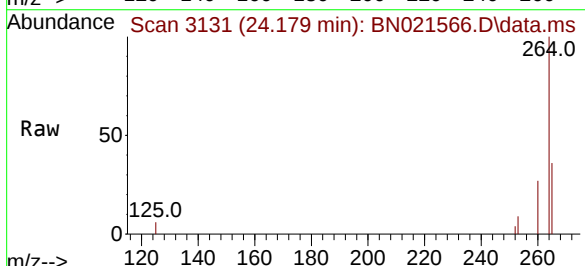
Tgt Ion:149 Resp: 158
Ion Ratio Lower Upper
149 100
167 25.6 21.4 32.0
279 3.0 2.2 3.2

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: 24.179 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN021566.D
Acq: 02 Sep 2022 18:00



Tgt Ion:264 Resp: 8710
Ion Ratio Lower Upper
264 100
260 27.2 21.0 31.6
265 35.9 32.2 48.2

