

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
 Data File : BN022447.D
 Acq On : 02 Nov 2022 00:12
 Operator : CG/JU
 Sample : N4941-02
 Misc :
 ALS Vial : 55 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 MW-6R

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :mohammad ahmed 11/04/2022

Quant Time: Nov 02 06:07:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	192215	20.000	ng	0.00
7) Naphthalene-d8	10.752	136	655653	20.000	ng	# 0.00
13) Acenaphthene-d10	14.589	164	362339	20.000	ng	0.00
19) Phenanthrene-d10	17.350	188	663257	20.000	ng	# 0.00
29) Chrysene-d12	21.546	240	374044	20.000	ng	0.00
35) Perylene-d12	23.996	264	324889	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.450	112	515594	50.331	ng	0.00
5) Phenol-d6	7.083	99	492887	38.400	ng	0.00
8) Nitrobenzene-d5	9.097	82	1078005	95.060	ng	-0.01
11) 2-Methylnaphthalene-d10	12.346	152	8	0.000	ng	0.00
14) 2,4,6-Tribromophenol	16.096	330	376950	121.030	ng	0.00
15) 2-Fluorobiphenyl	13.221	172	2259887	72.910	ng	0.00
27) Fluoranthene-d10	19.319	212	36	0.001	ng	-0.07
31) Terphenyl-d14	19.985	244	1769448	90.801	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.795	128	225335	5.747	ng	98
16) Acenaphthylene	14.311	152	5240	0.149	ng	# 41
17) Acenaphthene	14.653	154	403491	16.858	ng	96
18) Fluorene	15.647	166	27560	0.826	ng	# 95
25) Phenanthrene	17.387	178	7970m	0.175	ng	
26) Anthracene	17.486	178	18689	0.488	ng	# 94
28) Fluoranthene	19.416	202	72491	1.470	ng	100
30) Pyrene	19.782	202	41520	1.206	ng	# 93
32) Benzo(a)anthracene	21.537	228	3195	0.108	ng	# 91
33) Chrysene	21.582	228	1433m	0.047	ng	

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

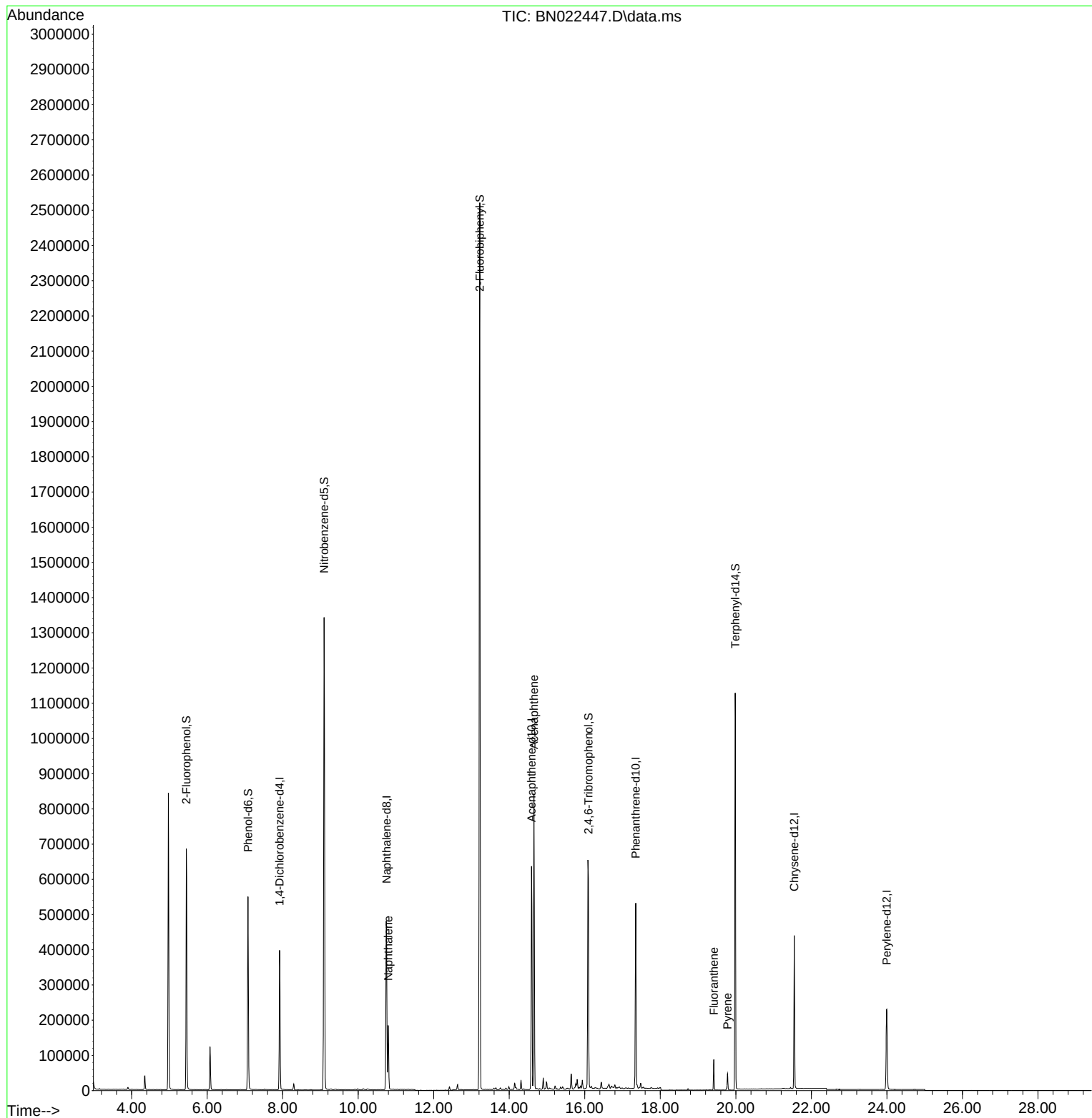
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110122\
Data File : BN022447.D
Acq On : 02 Nov 2022 00:12
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ALS Vial : 55 Sample Multiplier: 50

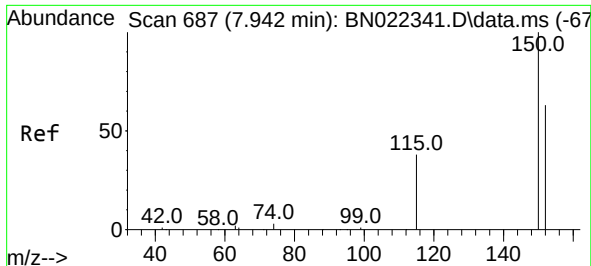
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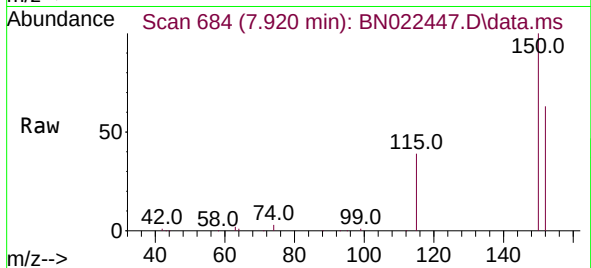
Quant Time: Nov 02 06:07:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 687
Delta R.T. -0.008 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

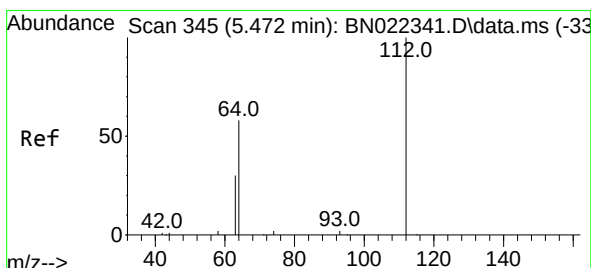
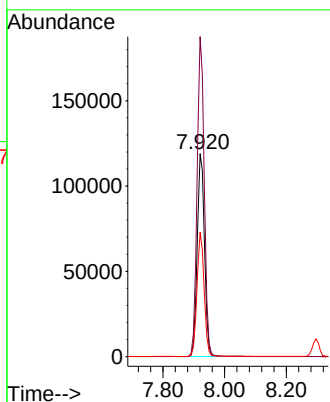
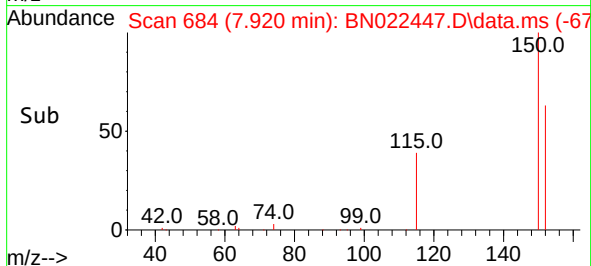
Instrument :
BNA_N
ClientSampleId :
MW-6R



Tgt Ion:152 Resp: 192215
Ion Ratio Lower Upper
152 100
150 157.6 125.2 187.8
115 61.3 52.0 78.0

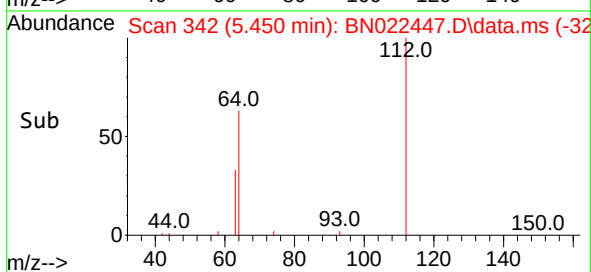
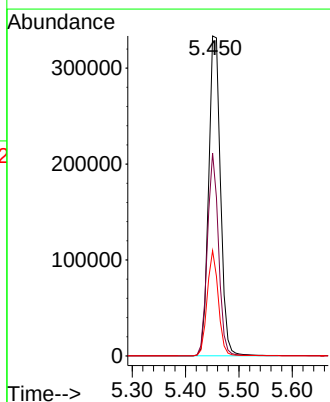
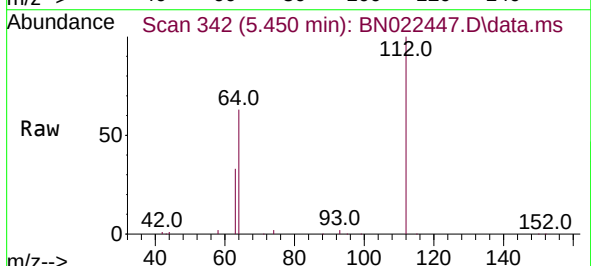
Manual Integrations
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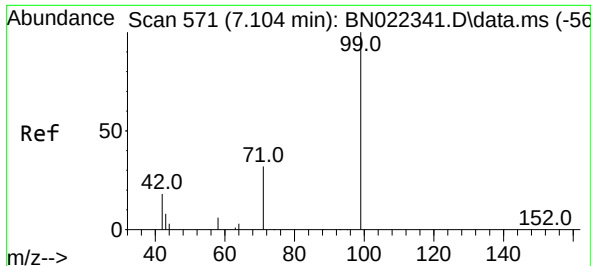
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#4
2-Fluorophenol
Concen: 50.331 ng
RT: 5.450 min Scan# 342
Delta R.T. -0.007 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

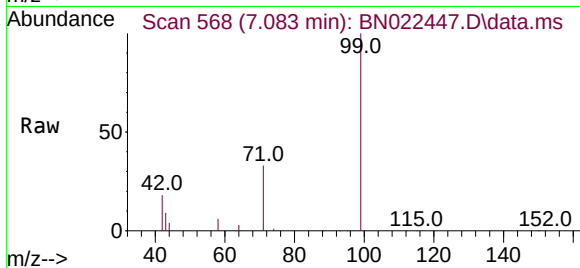
Tgt Ion:112 Resp: 515594
Ion Ratio Lower Upper
112 100
64 59.3 47.0 70.4
63 30.8 24.5 36.7





#5
Phenol-d6
Concen: 38.400 ng
RT: 7.083 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

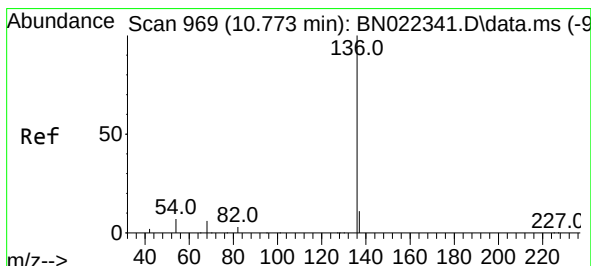
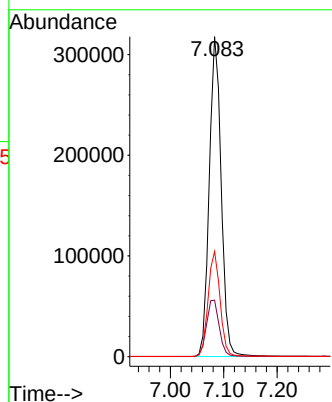
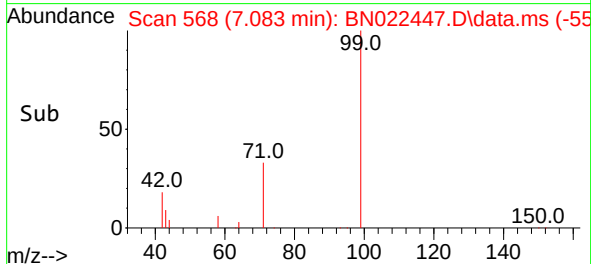
Instrument :
BNA_N
ClientSampleId :
MW-6R



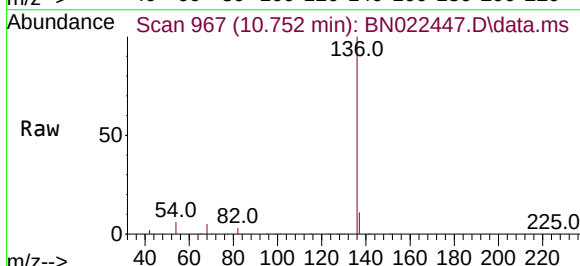
Tgt Ion: 99 Resp: 49288
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 32.8 26.1 39.1

Manual Integrations
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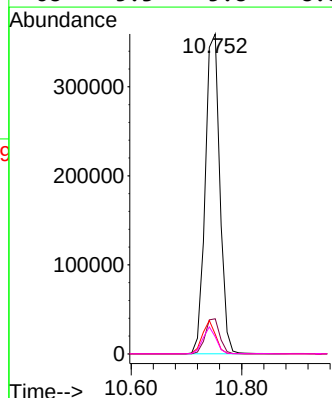
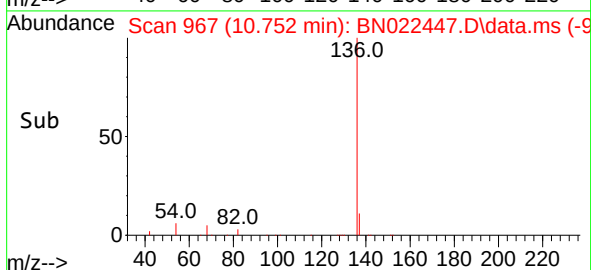
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

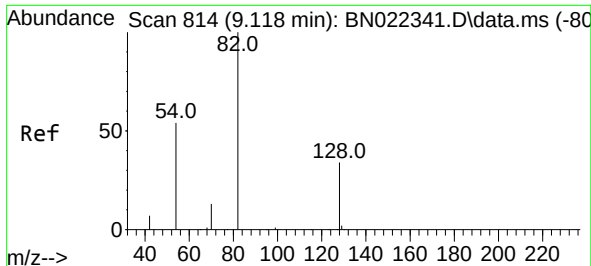


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12



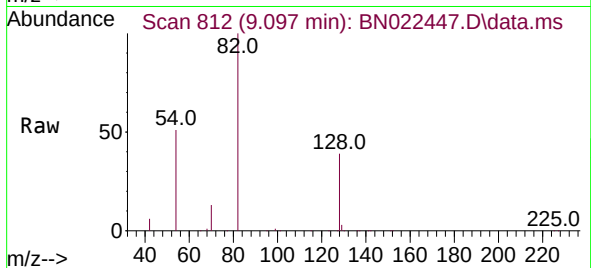
Tgt Ion:136 Resp: 655653
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 6.1 6.5 9.7#
68 5.3 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 95.060 ng
RT: 9.097 min Scan# 814
Delta R.T. -0.011 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

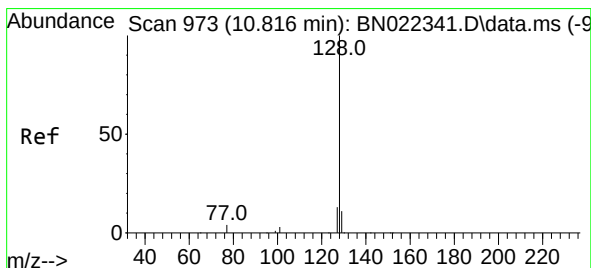
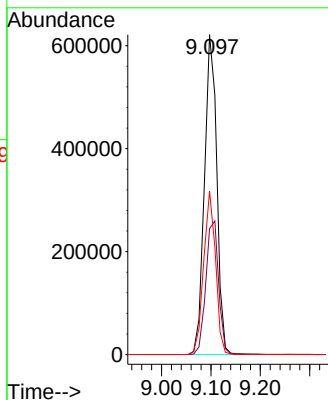
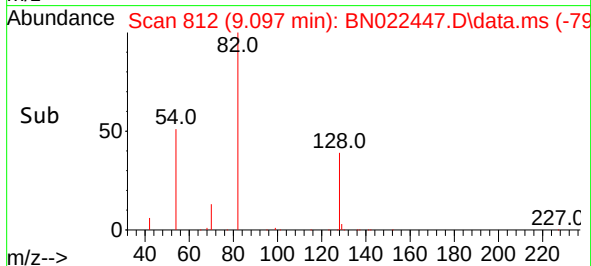
Instrument :
BNA_N
ClientSampleId :
MW-6R



Tgt Ion: 82 Resp: 1078005
Ion Ratio Lower Upper
82 100
128 39.4 30.5 45.7
54 51.1 45.2 67.8

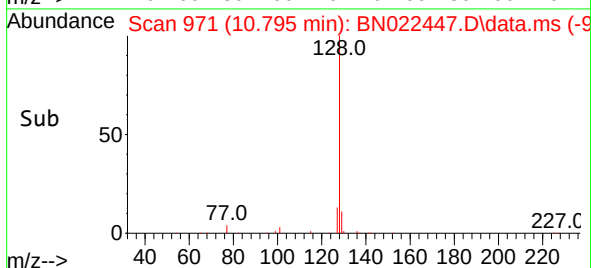
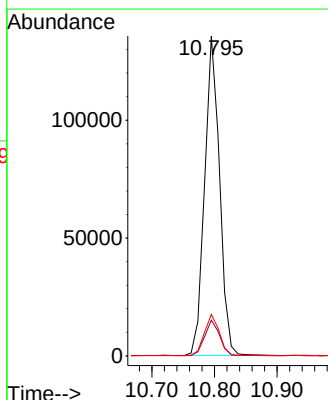
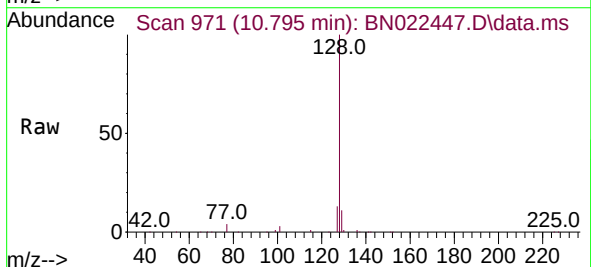
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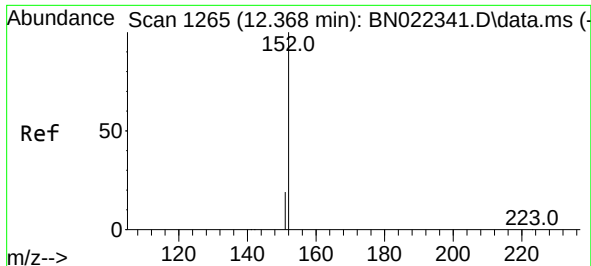
Reviewed By :Christian Giraldo 11/02/2022
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#9
Naphthalene
Concen: 5.747 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

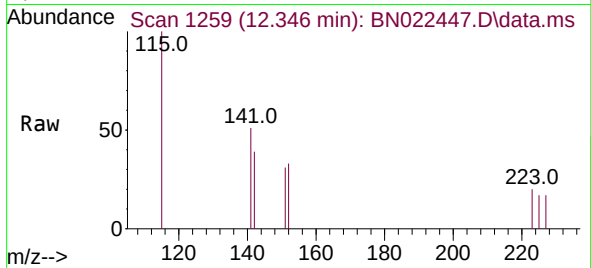
Tgt Ion:128 Resp: 225335
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.2
127 13.0 11.0 16.6





#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.346 min Scan# 1259
Delta R.T. -0.004 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

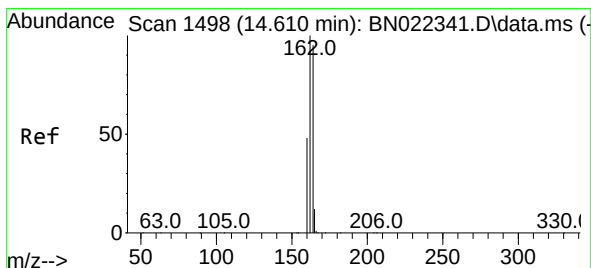
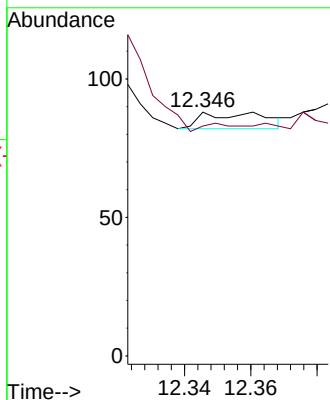
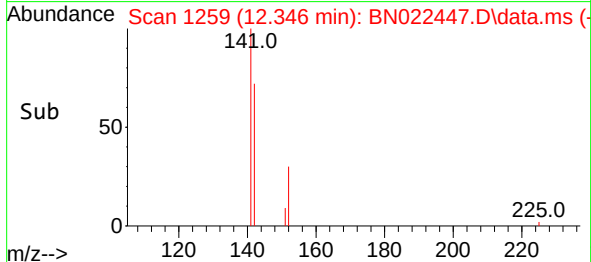
Instrument :
BNA_N
ClientSampleId :
MW-6R



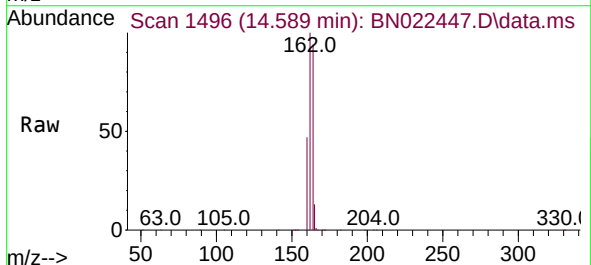
Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 0.0 16.7 25.1

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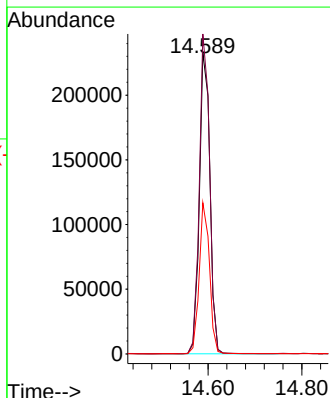
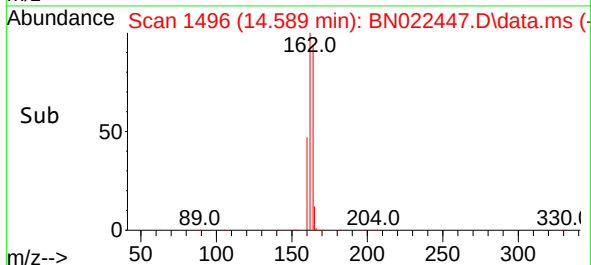
Reviewed By :Christian Giraldo 11/02/2022
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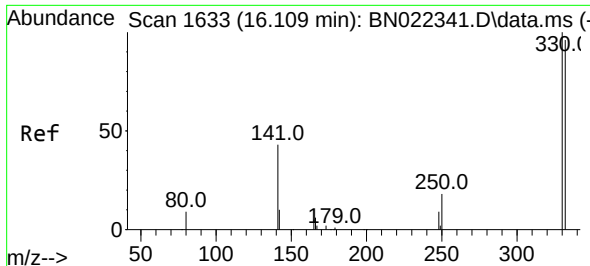


#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12



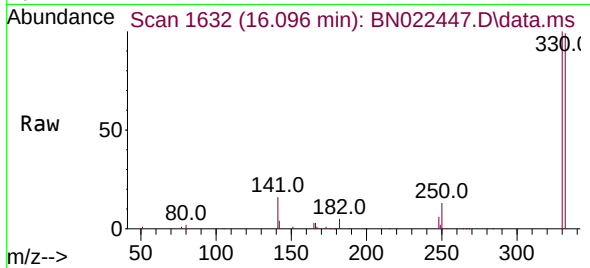
Tgt Ion:164 Resp: 362339
Ion Ratio Lower Upper
164 100
162 106.3 83.9 125.9
160 50.2 41.0 61.4





#14
2,4,6-Tribromophenol
Concen: 121.030 ng
RT: 16.096 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

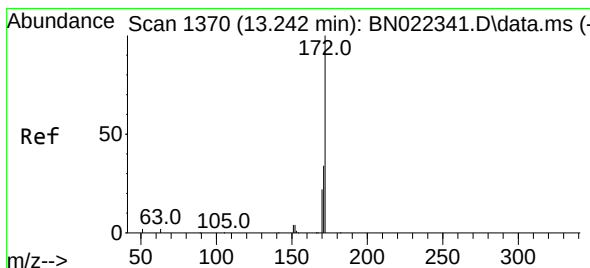
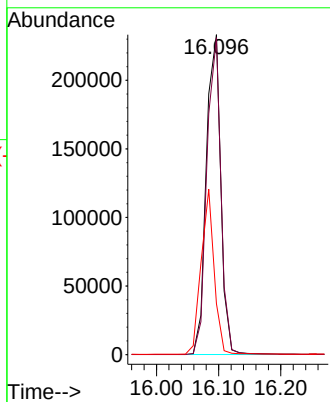
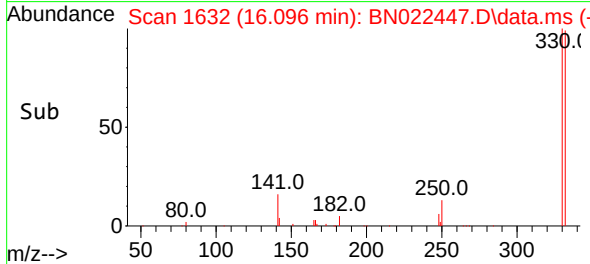
Instrument :
BNA_N
ClientSampleId :
MW-6R



Tgt Ion:330 Resp: 376950
Ion Ratio Lower Upper
330 100
332 96.4 78.6 118.0
141 46.3 40.2 60.4

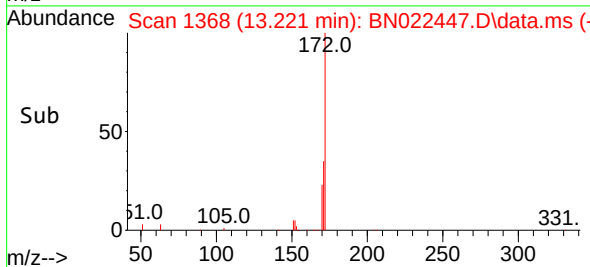
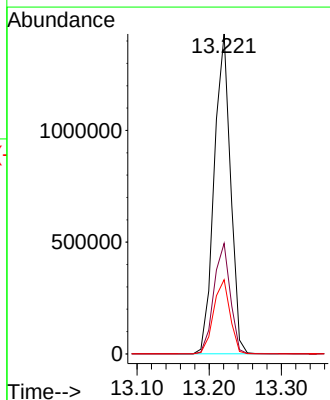
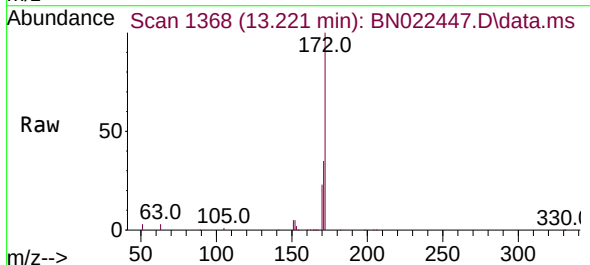
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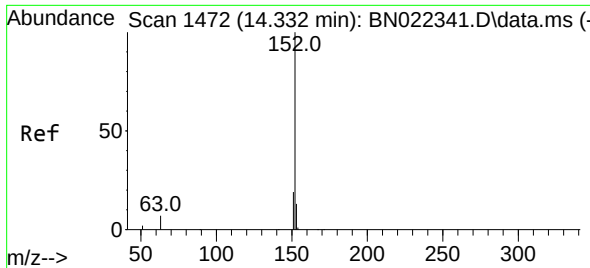
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#15
2-Fluorobiphenyl
Concen: 72.910 ng
RT: 13.221 min Scan# 1368
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

Tgt Ion:172 Resp: 2259887
Ion Ratio Lower Upper
172 100
171 34.5 27.4 41.0
170 23.2 18.5 27.7





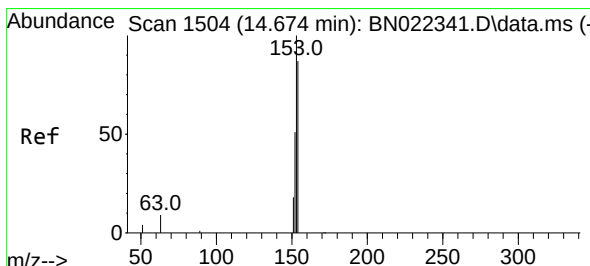
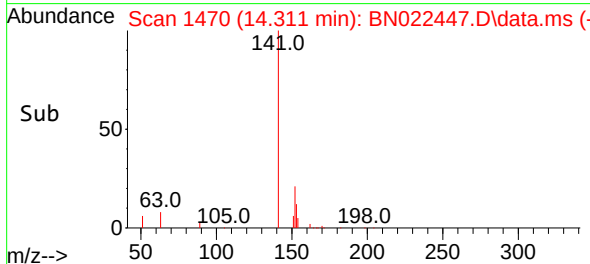
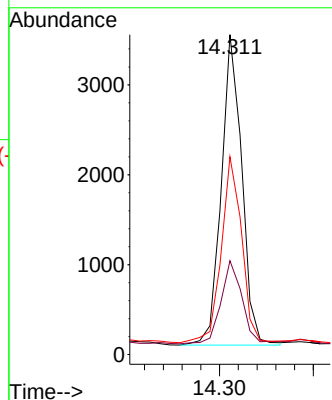
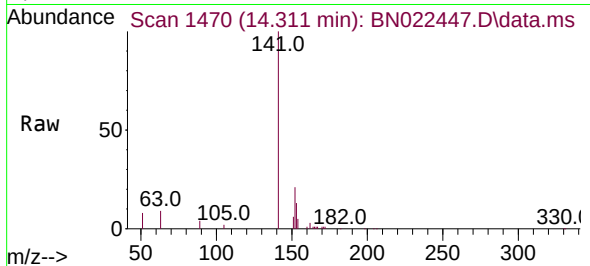
#16
Acenaphthylene
Concen: 0.149 ng
RT: 14.311 min Scan# 1470
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

Instrument :
BNA_N
ClientSampleId :
MW-6R

Tgt Ion:152 Resp: 5240
Ion Ratio Lower Upper
152 100
151 27.3 15.2 22.8
153 59.5 10.3 15.5

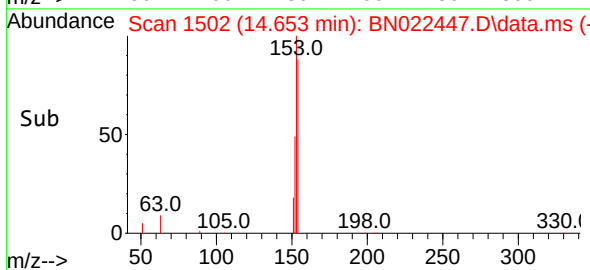
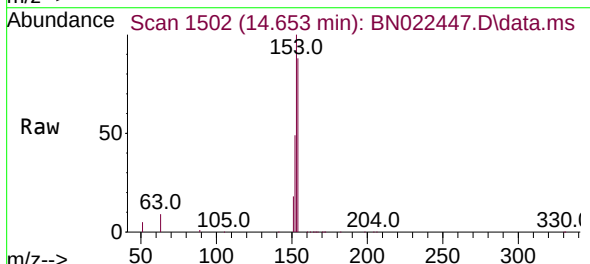
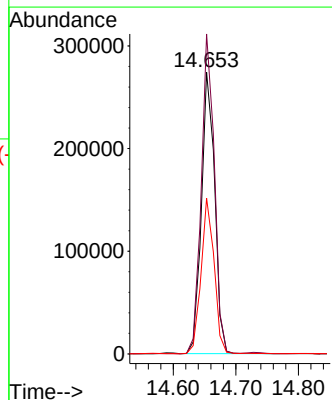
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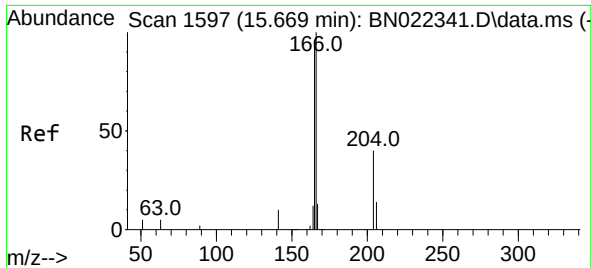
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#17
Acenaphthene
Concen: 16.858 ng
RT: 14.653 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

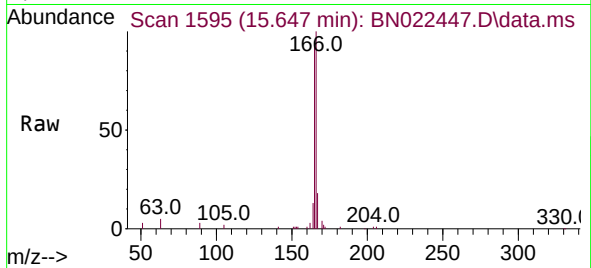
Tgt Ion:154 Resp: 403491
Ion Ratio Lower Upper
154 100
153 112.3 92.2 138.2
152 54.7 47.6 71.4





#18
Fluorene
Concen: 0.826 ng
RT: 15.647 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

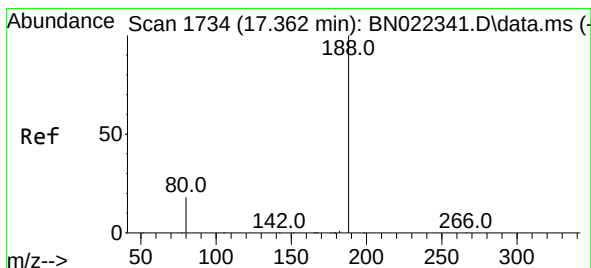
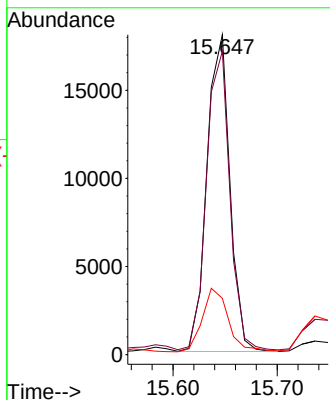
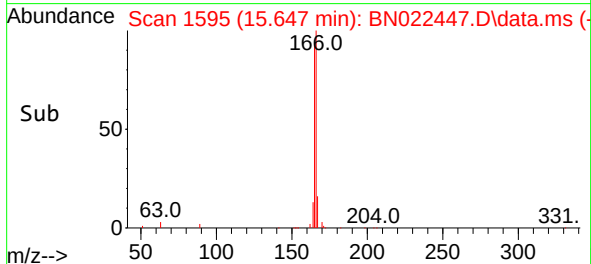
Instrument :
BNA_N
ClientSampleId :
MW-6R



Tgt Ion:166 Resp: 27560
Ion Ratio Lower Upper
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165 95.9 78.6 118.0
167 22.7 10.2 15.4

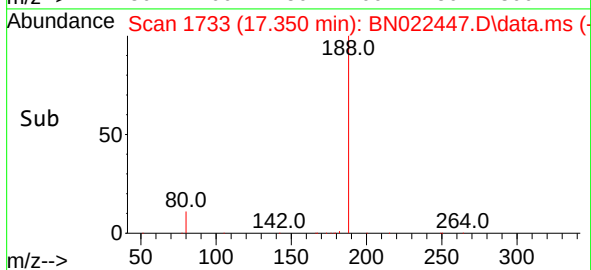
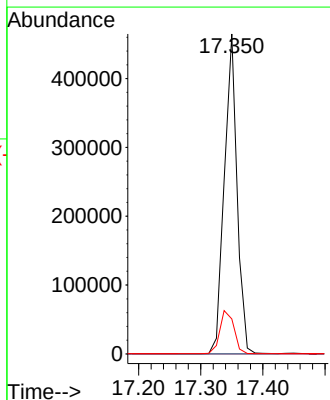
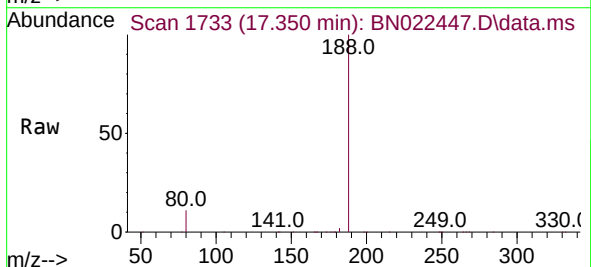
Manual Integrations
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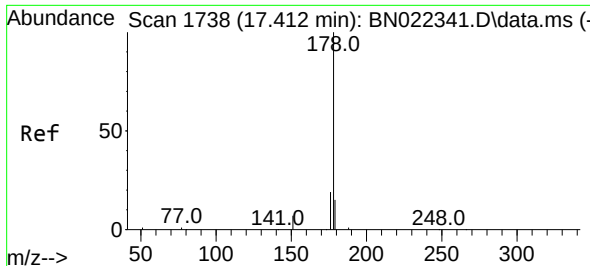
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.350 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

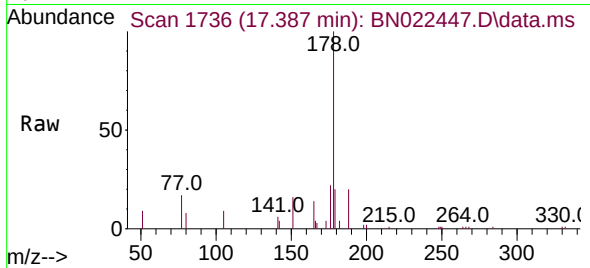
Tgt Ion:188 Resp: 663257
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.9 15.0 22.6





#25
Phenanthrene
Concen: 0.175 ng m
RT: 17.387 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

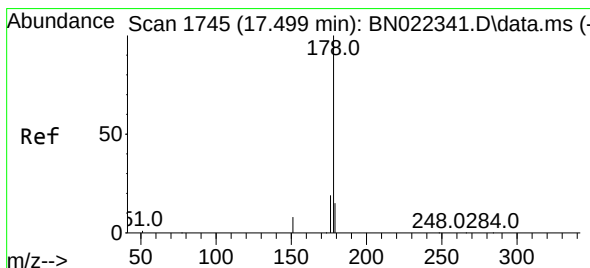
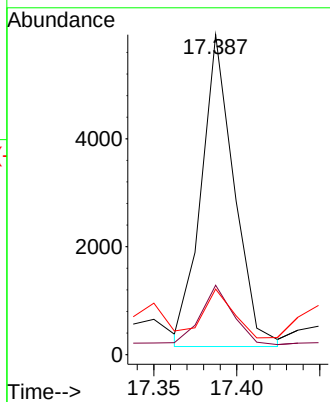
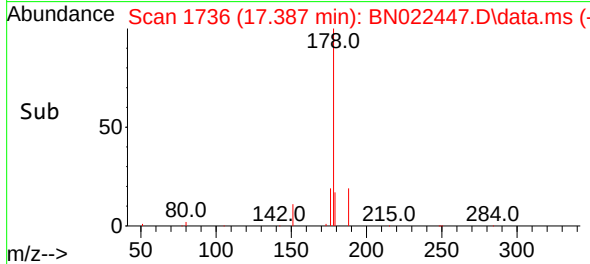
Instrument :
BNA_N
ClientSampleId :
MW-6R



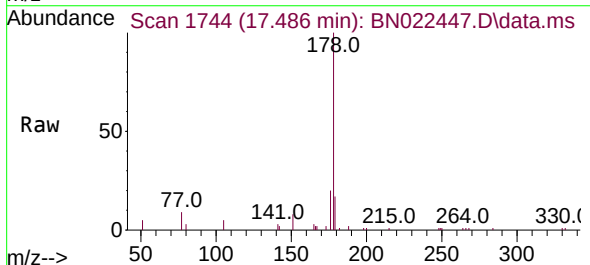
Tgt Ion:178 Resp: 7970
Ion Ratio Lower Upper
178 100
176 19.9 15.3 22.9
179 14.0 12.5 18.7

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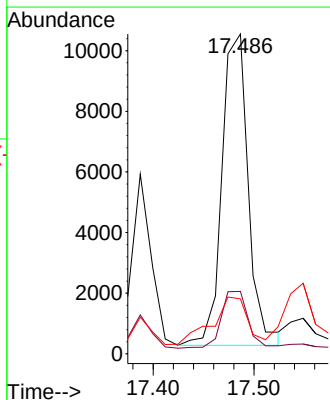
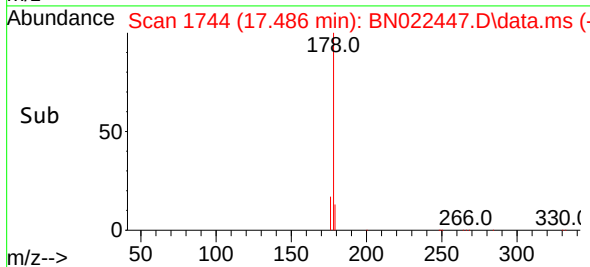
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

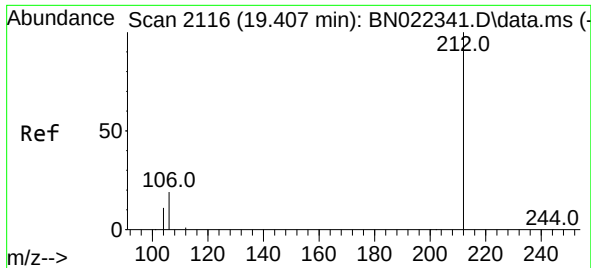


#26
Anthracene
Concen: 0.488 ng
RT: 17.486 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12



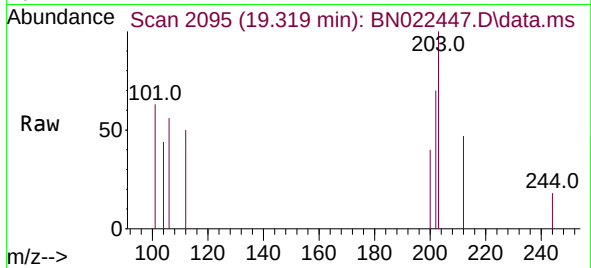
Tgt Ion:178 Resp: 18689
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 20.5 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.319 min Scan# 2095
Delta R.T. -0.072 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

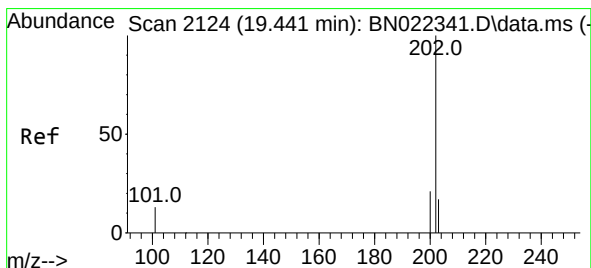
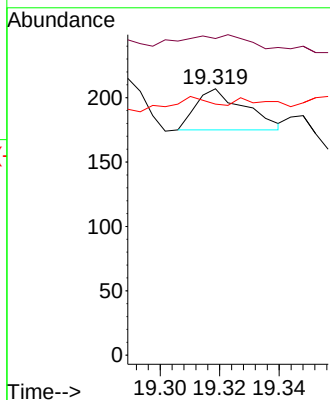
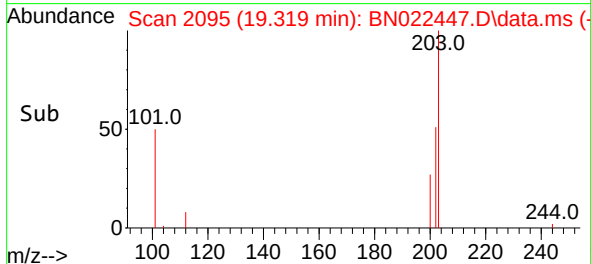
Instrument :
BNA_N
ClientSampleId :
MW-6R



Tgt Ion:212 Resp: 36
Ion Ratio Lower Upper
212 100
106 19.4 15.0 22.4
104 13.9 9.3 13.9

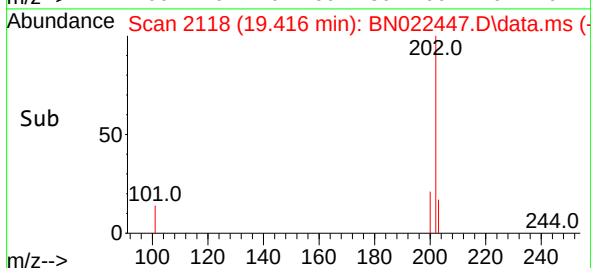
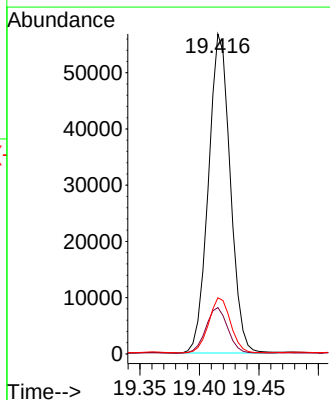
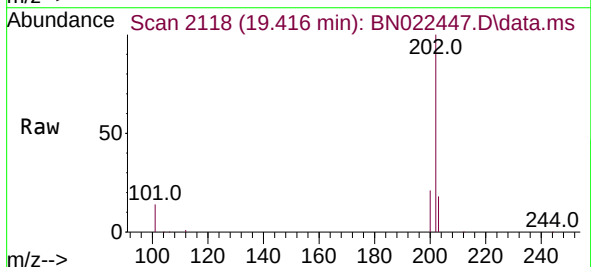
Manual Integrations
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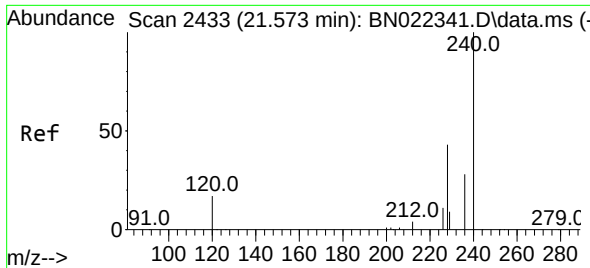
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#28
Fluoranthene
Concen: 1.470 ng
RT: 19.416 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

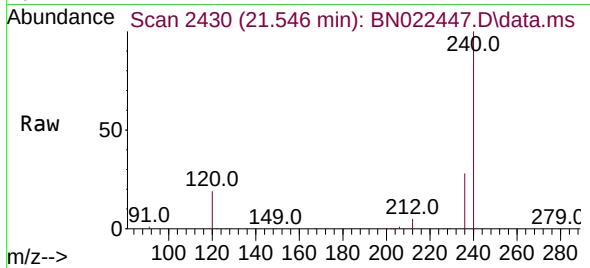
Tgt Ion:202 Resp: 72491
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 20.000 ng
RT: 21.546 min Scan# 2433
Delta R.T. -0.009 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

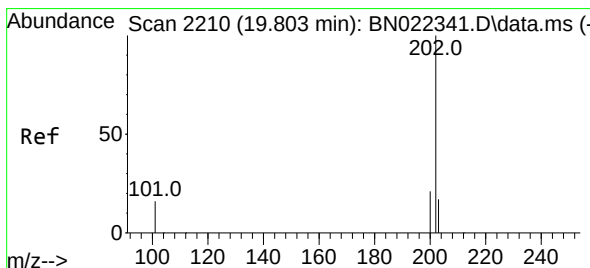
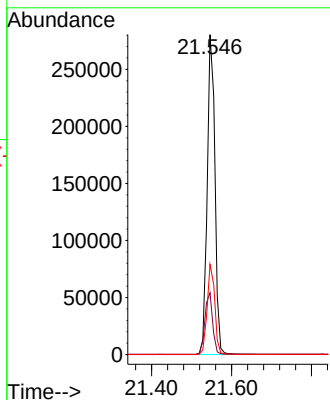
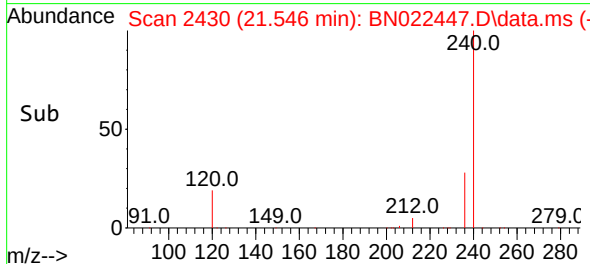
Instrument :
BNA_N
ClientSampleId :
MW-6R



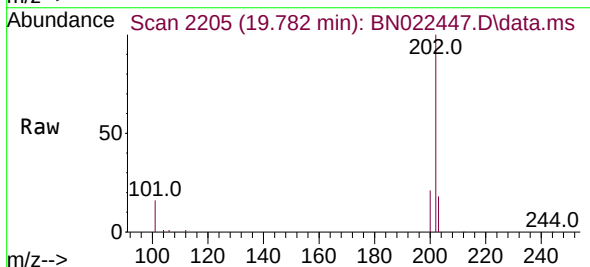
Tgt Ion:240 Resp: 374044
Ion Ratio Lower Upper
240 100
120 19.3 15.8 23.6
236 28.2 23.2 34.8

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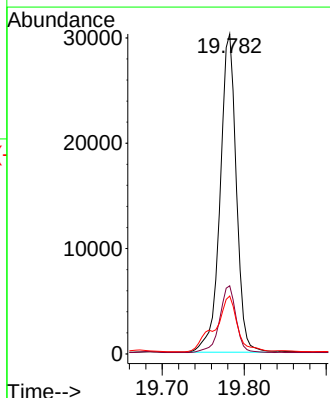
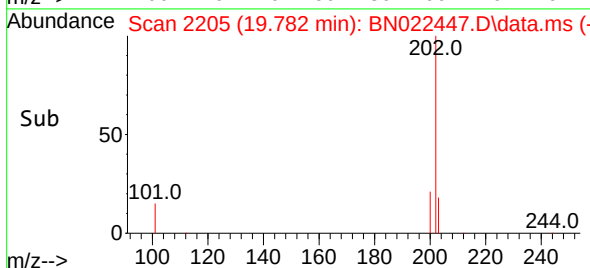
Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022

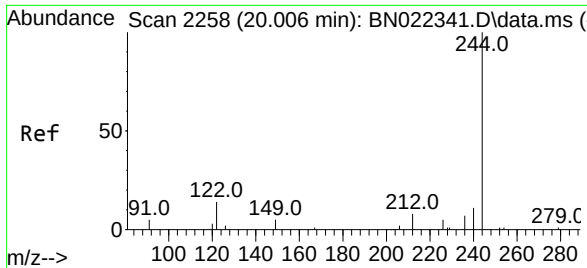


#30
Pyrene
Concen: 1.206 ng
RT: 19.782 min Scan# 2205
Delta R.T. -0.004 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12



Tgt Ion:202 Resp: 41520
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 23.9 14.2 21.2#





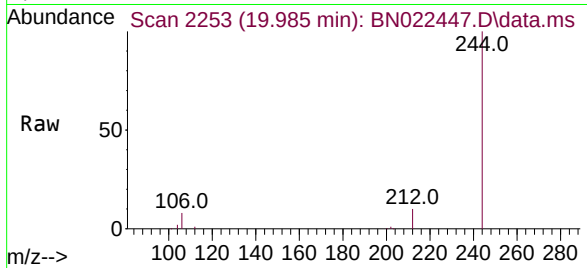
#31
 Terphenyl-d14
 Concen: 90.801 ng
 RT: 19.985 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022447.D
 Acq: 02 Nov 2022 00:12

Instrument :

BNA_N

ClientSampleId :

MW-6R

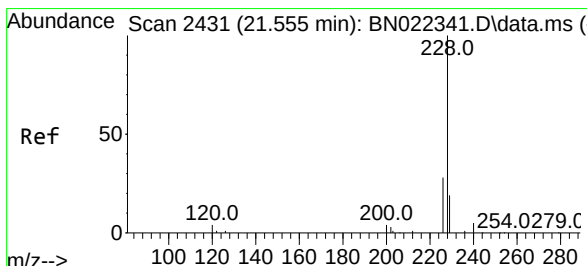
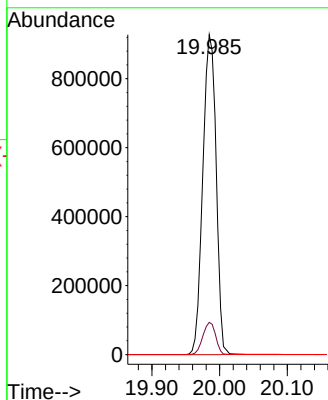
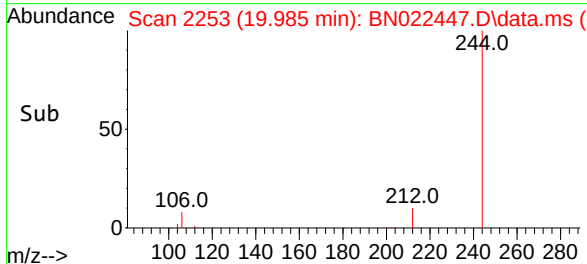


Tgt Ion:244 Resp: 1769448
 Ion Ratio Lower Upper
 244 100
 212 10.1 7.0 10.4
 122 0.0 11.5 17.3

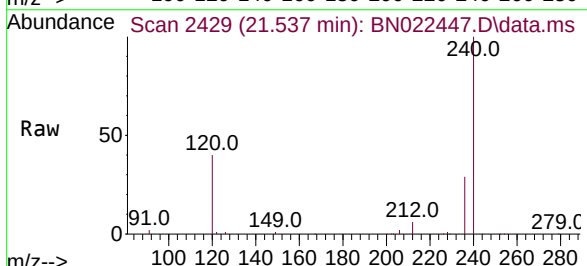
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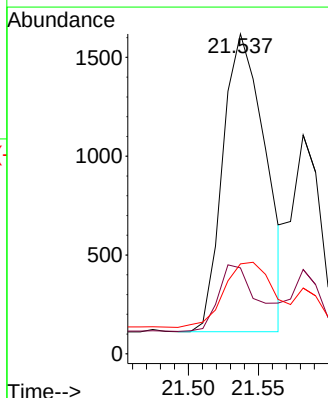
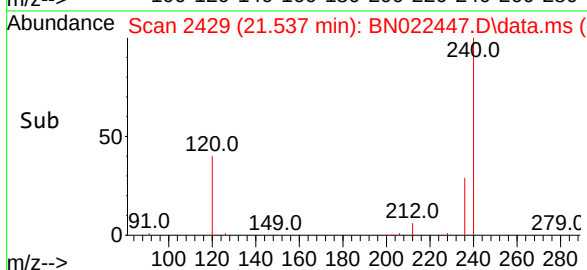
Reviewed By :Christian Giraldo 11/02/2022
 Supervised By :mohammad ahmed 11/04/2022

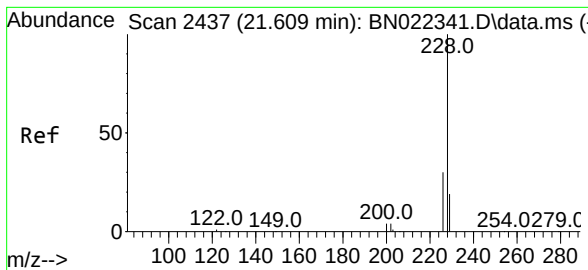


#32
 Benzo(a)anthracene
 Concen: 0.108 ng
 RT: 21.537 min Scan# 2429
 Delta R.T. -0.000 min
 Lab File: BN022447.D
 Acq: 02 Nov 2022 00:12



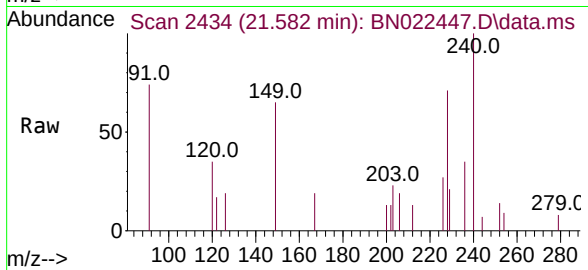
Tgt Ion:228 Resp: 3195
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.6 34.0
 229 28.1 15.5 23.3





#33
Chrysene
Concen: 0.047 ng m
RT: 21.582 min Scan# 2437
Delta R.T. -0.009 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

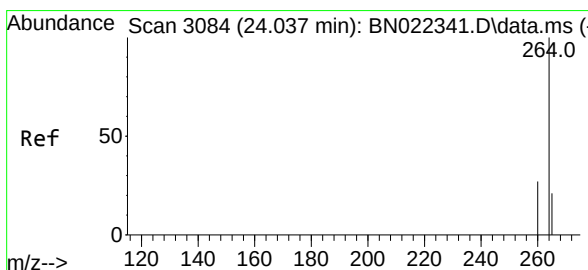
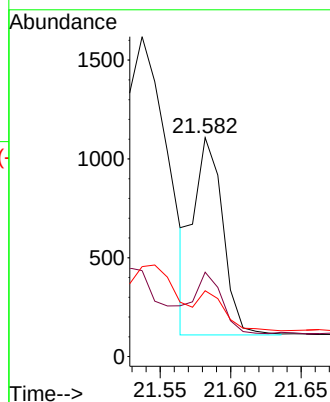
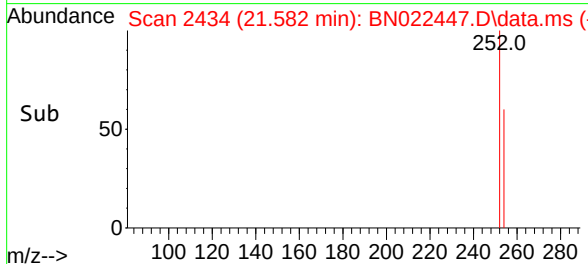
Instrument :
BNA_N
ClientSampleId :
MW-6R



Tgt Ion:228 Resp: 1433
Ion Ratio Lower Upper
228 100
226 38.5 24.5 36.7
229 30.1 15.6 23.4

Manual Integrations
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Reviewed By :Christian Giraldo 11/02/2022
Supervised By :mohammad ahmed 11/04/2022



#35
Perylene-d12
Concen: 20.000 ng
RT: 23.996 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BN022447.D
Acq: 02 Nov 2022 00:12

Tgt Ion:264 Resp: 324889
Ion Ratio Lower Upper
264 100
260 26.5 22.1 33.1
265 22.2 53.0 79.4

