

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
 Data File : BN017557.D
 Acq On : 22 Nov 2021 22:34
 Operator : CG/JU
 Sample : M4800-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-788-790

Quant Time: Nov 23 02:41:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 14:57:14 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/24/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	29472	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	139172	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	75298	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	145026	0.400	ng	0.00
29) Chrysene-d12	21.409	240	119616	0.400	ng	# 0.00
35) Perylene-d12	23.777	264	99458	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.467	112	17082	0.234	ng	0.02
5) Phenol-d6	7.035	99	17499	0.212	ng	0.00
8) Nitrobenzene-d5	9.001	82	28436	0.310	ng	-0.01
11) 2-Methylnaphthalene-d10	12.240	152	66514	0.287	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	9830	0.425	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	110497	0.394	ng	0.00
27) Fluoranthene-d10	19.258	212	127854	0.287	ng	0.00
31) Terphenyl-d14	19.858	244	97518	0.371	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.262	178	25597	0.063	ng	96
26) Anthracene	17.359	178	7261	0.021	ng	# 84
28) Fluoranthene	19.287	202	22398	0.050	ng	# 97
30) Pyrene	19.650	202	14408	0.036	ng	96
34) Bis(2-ethylhexyl)phtha...	21.335	149	72972	0.466	ng	99

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

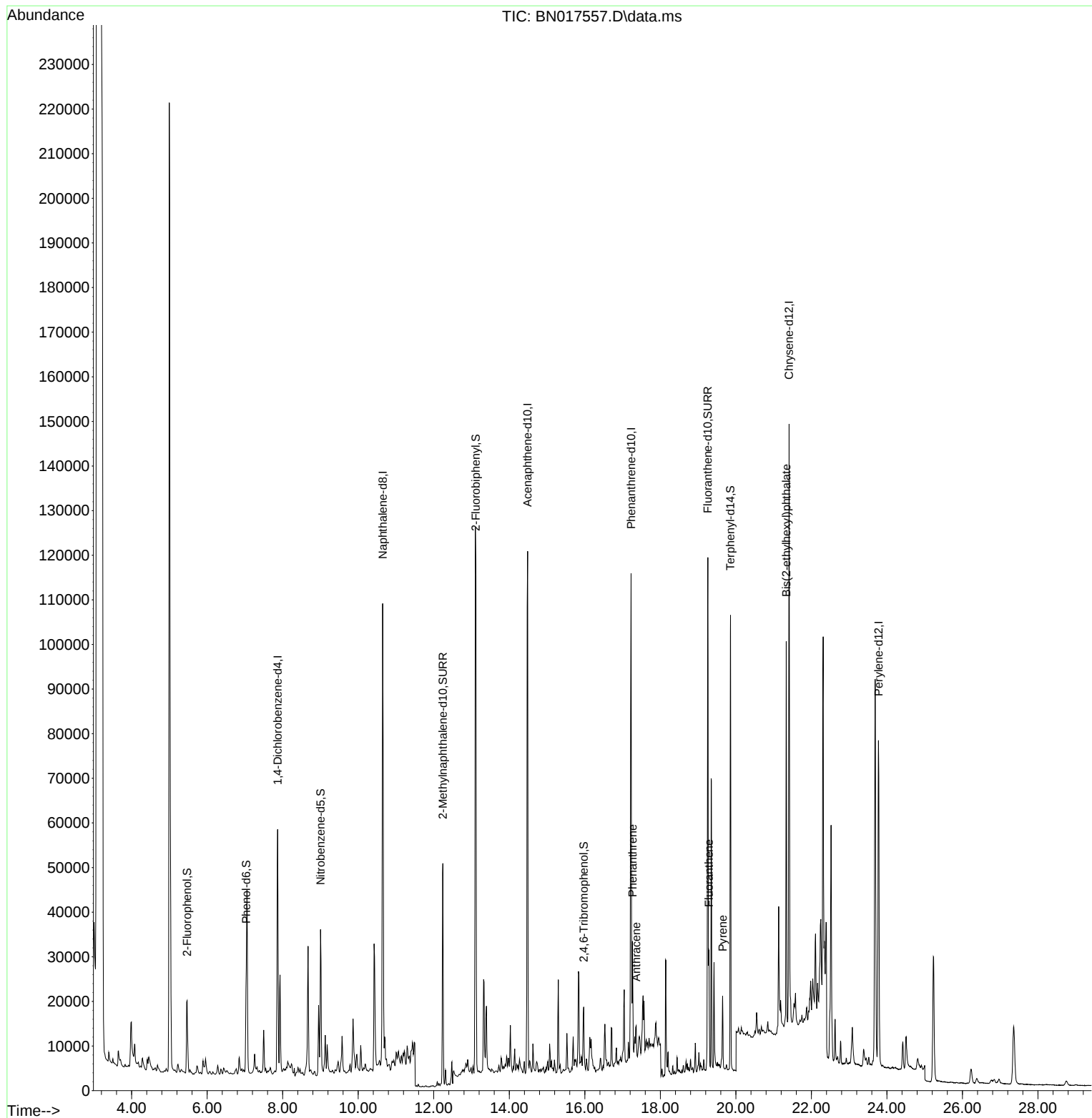
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017557.D
Acq On : 22 Nov 2021 22:34
Operator : CG/JU
Sample : M4800-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

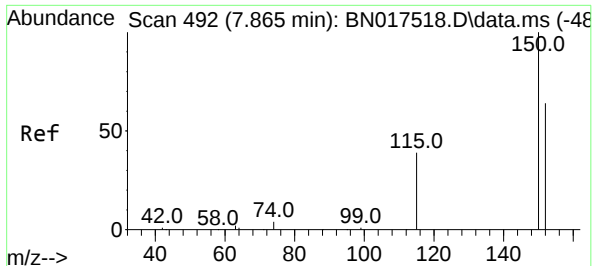
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790

Quant Time: Nov 23 02:41:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
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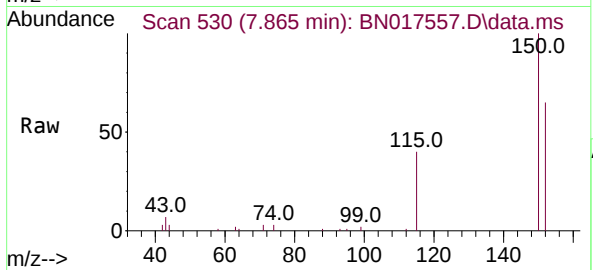
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Supervised By :mohammad ahmed 11/24/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

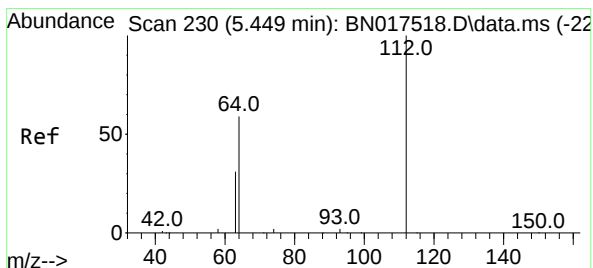
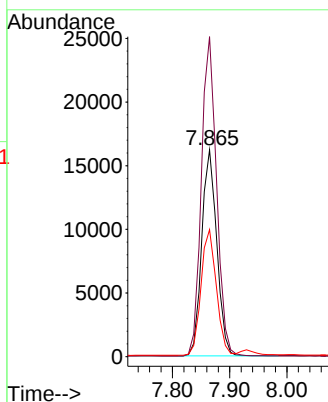
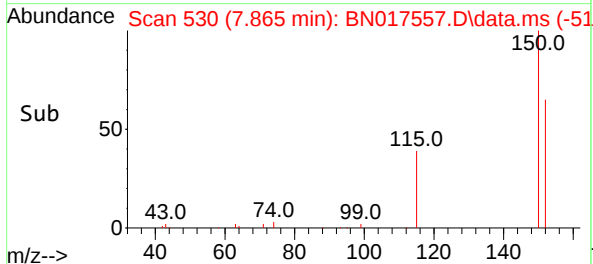
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790



Tgt Ion:152 Resp: 29472
Ion Ratio Lower Upper
152 100
150 154.7 123.0 184.4
115 61.4 45.6 68.4

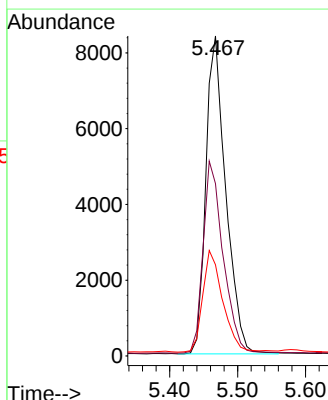
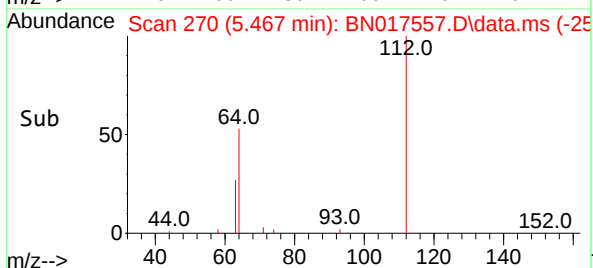
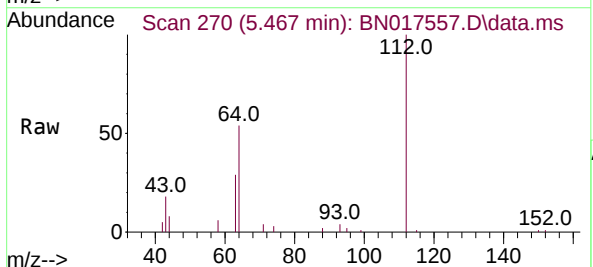
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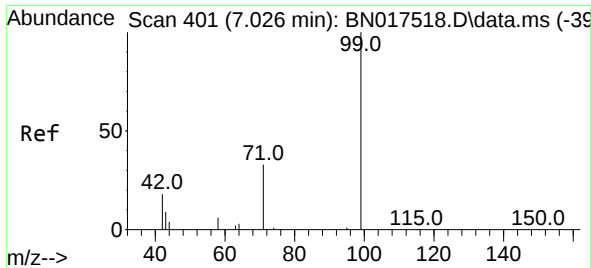
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#4
2-Fluorophenol
Concen: 0.234 ng
RT: 5.467 min Scan# 270
Delta R.T. 0.018 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

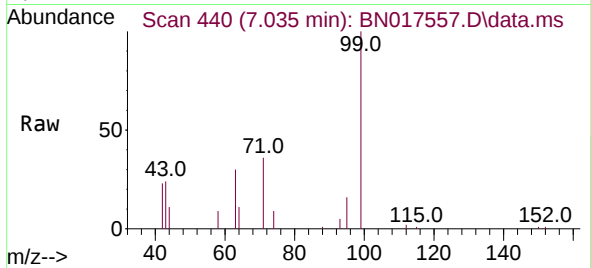
Tgt Ion:112 Resp: 17082
Ion Ratio Lower Upper
112 100
64 60.8 47.6 71.4
63 32.5 24.6 37.0





#5
Phenol-d6
Concen: 0.212 ng
RT: 7.035 min Scan# 44
Delta R.T. 0.009 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

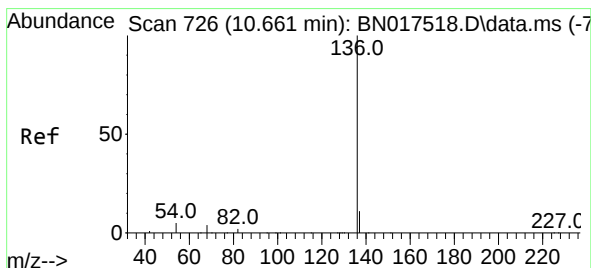
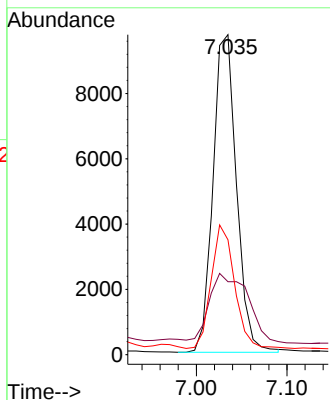
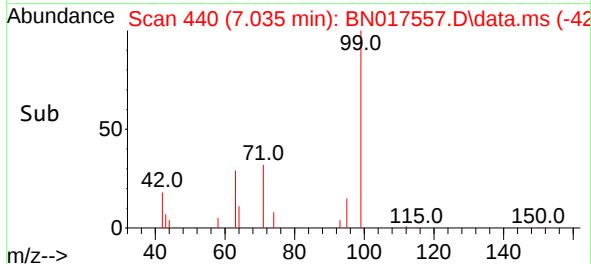
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790



Tgt Ion: 99 Resp: 17499
Ion Ratio Lower Upper
99 100
42 34.6 17.0 25.6
71 38.6 24.8 37.2

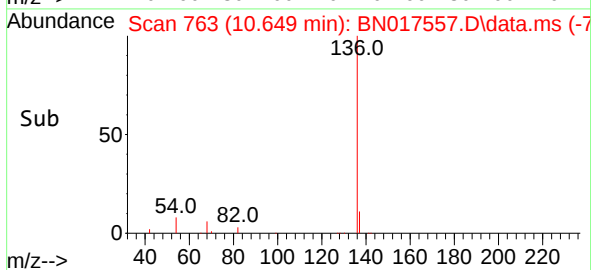
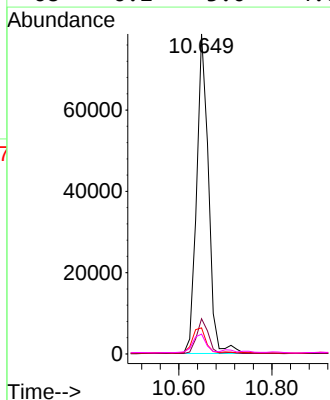
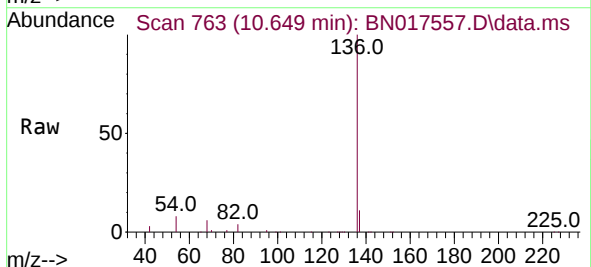
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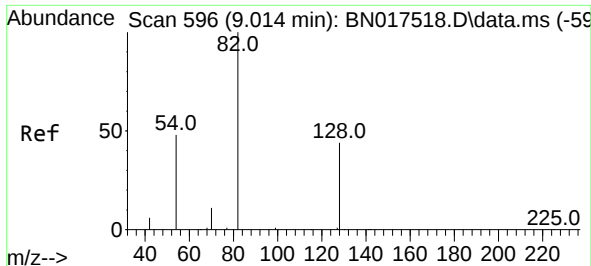
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Supervised By :mohammad ahmed 11/24/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 763
Delta R.T. -0.012 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

Tgt Ion:136 Resp: 139172
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 4.0 6.0#
68 6.2 3.0 4.6#





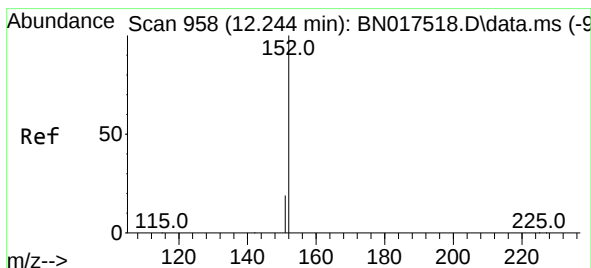
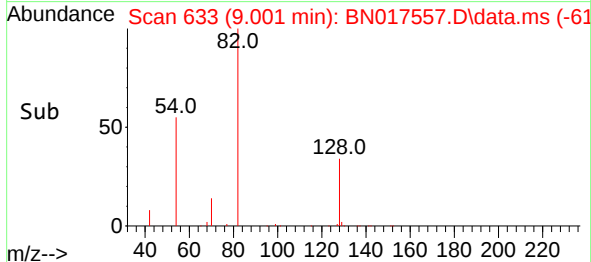
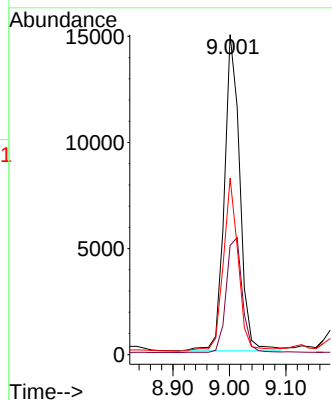
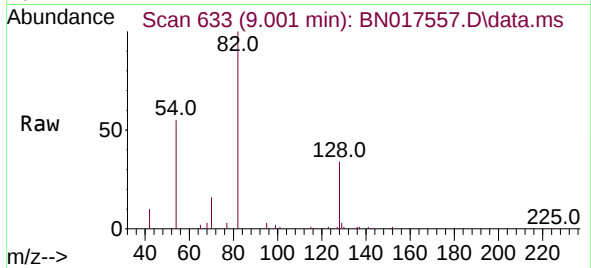
#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.001 min Scan# 61
Delta R.T. -0.013 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790

Tgt Ion: 82 Resp: 28430
Ion Ratio Lower Upper
82 100
128 34.1 27.7 41.5
54 55.2 49.2 73.8

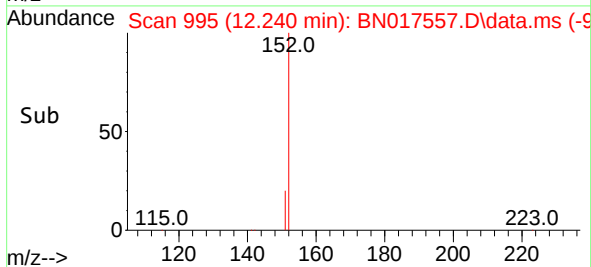
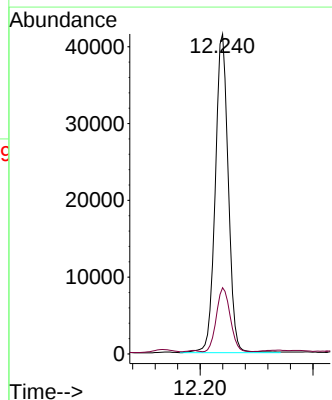
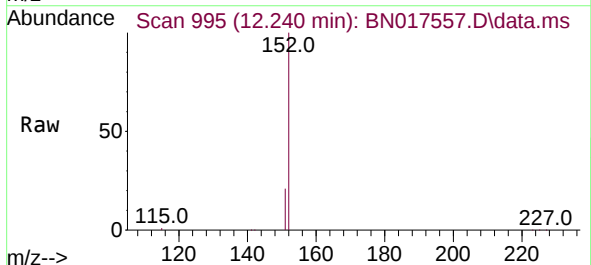
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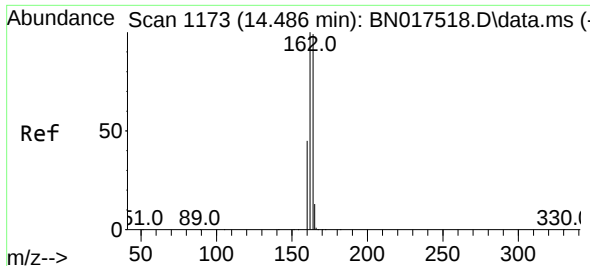
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#11
2-Methylnaphthalene-d10
Concen: 0.287 ng
RT: 12.240 min Scan# 995
Delta R.T. -0.004 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

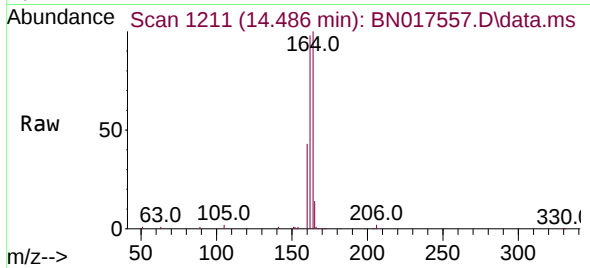
Tgt Ion:152 Resp: 66514
Ion Ratio Lower Upper
152 100
151 21.2 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.486 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

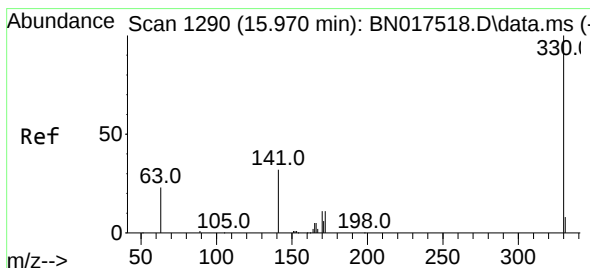
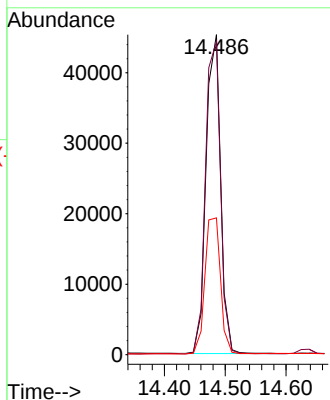
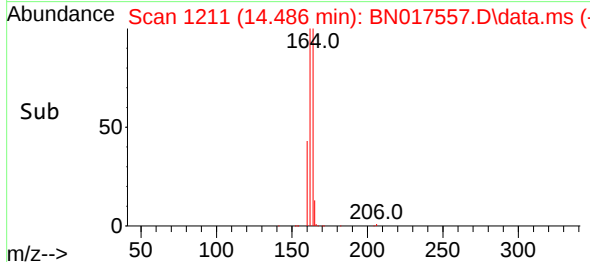
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790



Tgt Ion:164 Resp: 75298
Ion Ratio Lower Upper
164 100
162 97.9 81.4 122.2
160 42.7 36.8 55.2

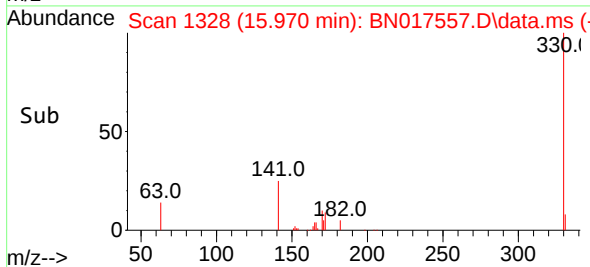
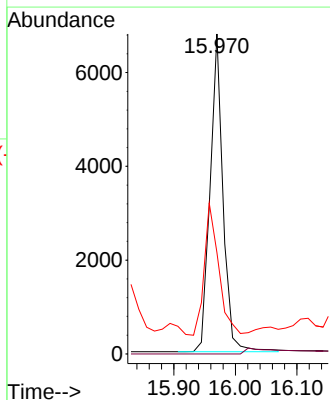
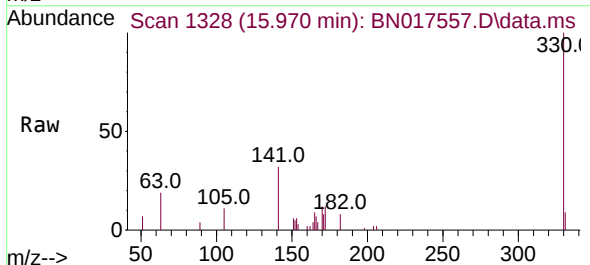
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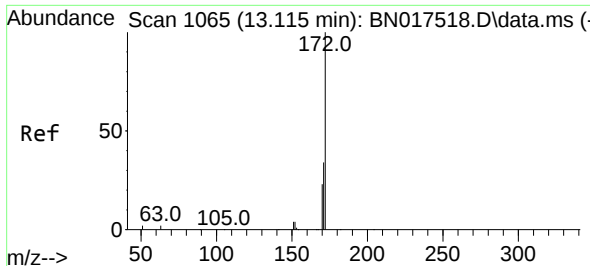
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Supervised By :mohammad ahmed 11/24/2021



#14
2,4,6-Tribromophenol
Concen: 0.425 ng
RT: 15.970 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

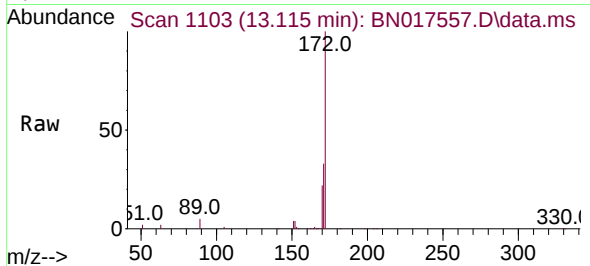
Tgt Ion:330 Resp: 9830
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 47.2 28.9 43.3#





#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.115 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

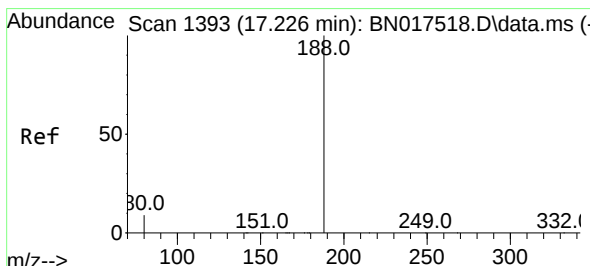
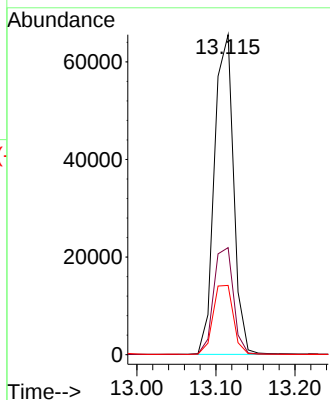
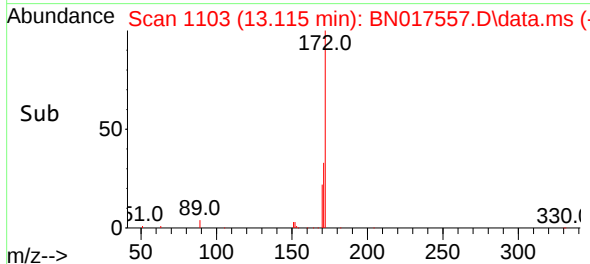
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790



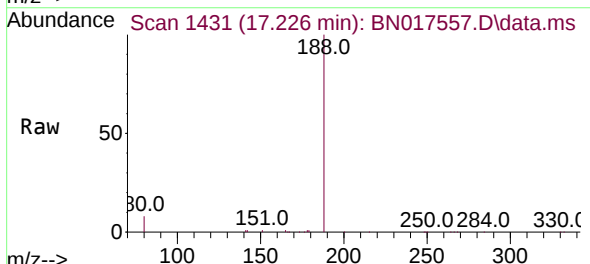
Tgt Ion:172 Resp: 110497
Ion Ratio Lower Upper
172 100
171 33.4 28.7 43.1
170 21.7 19.4 29.2

Manual Integrations
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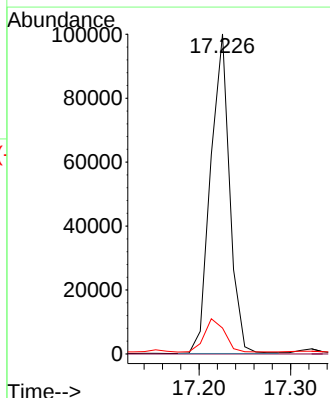
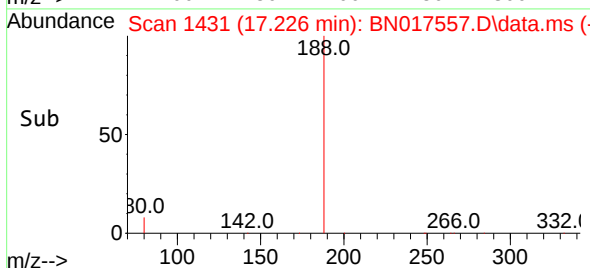
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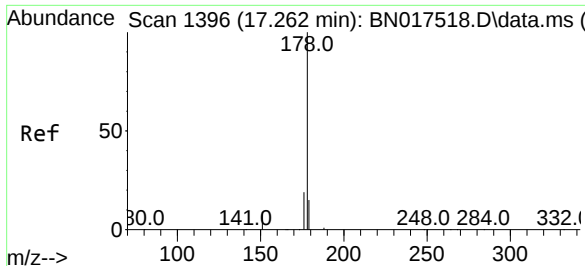


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34



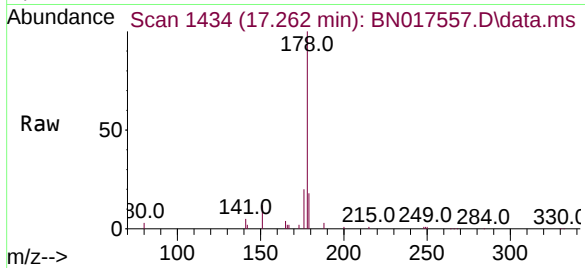
Tgt Ion:188 Resp: 145026
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 6.1 9.1





#25
Phenanthrene
Concen: 0.063 ng
RT: 17.262 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

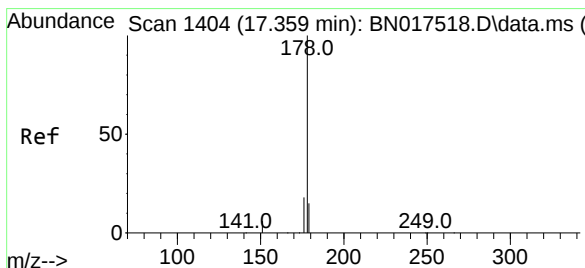
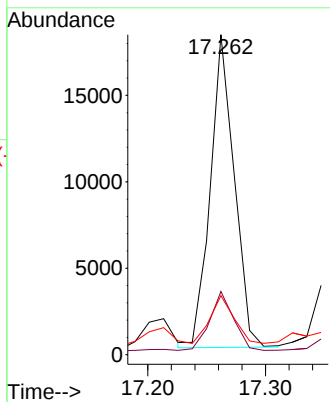
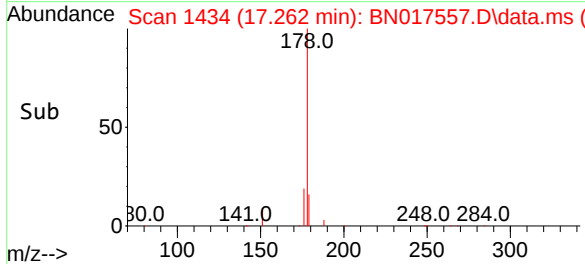
Instrument :
BNA_N
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BP-VPB-RW9-GW-788-790



Tgt Ion:178 Resp: 2559
Ion Ratio Lower Upper
178 100
176 22.0 15.0 22.6
179 15.3 12.3 18.5

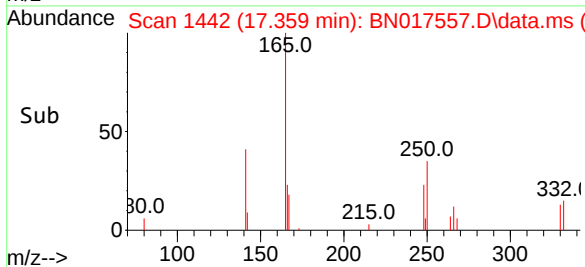
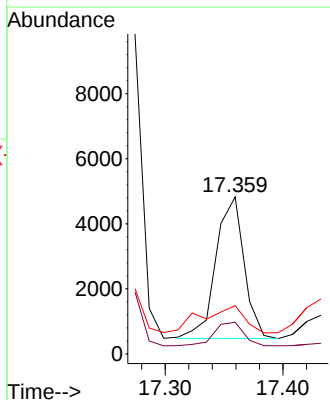
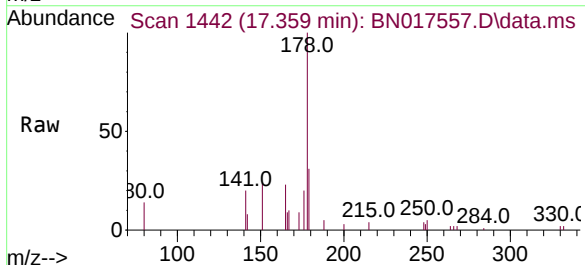
Manual Integrations
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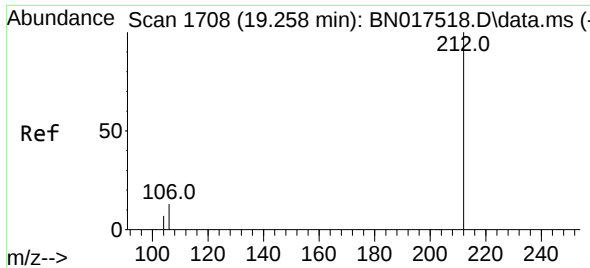
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#26
Anthracene
Concen: 0.021 ng
RT: 17.359 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

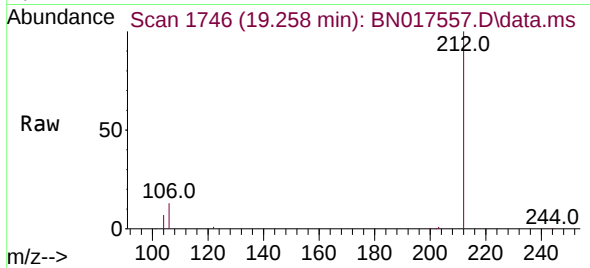
Tgt Ion:178 Resp: 7261
Ion Ratio Lower Upper
178 100
176 17.4 14.6 22.0
179 28.8 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 19.258 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

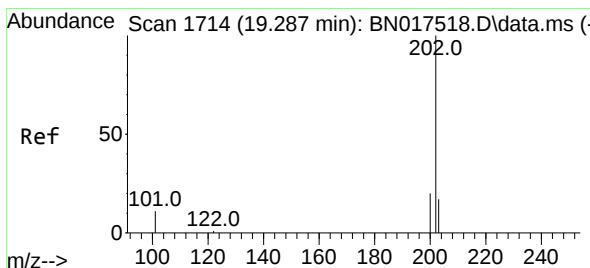
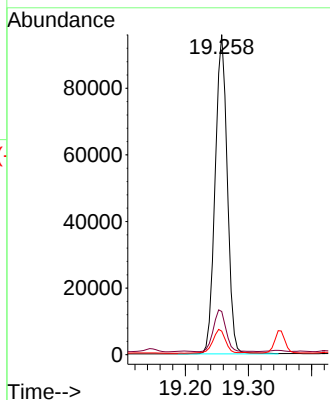
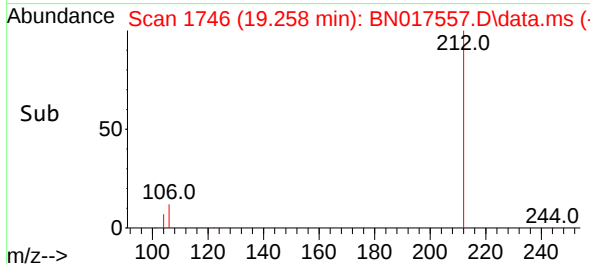
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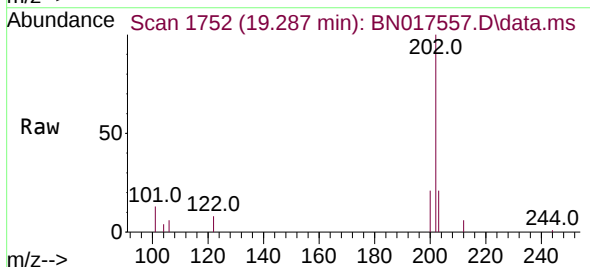
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Ion Ratio Lower Upper
212 100
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104 8.1 5.8 8.6

Manual Integrations
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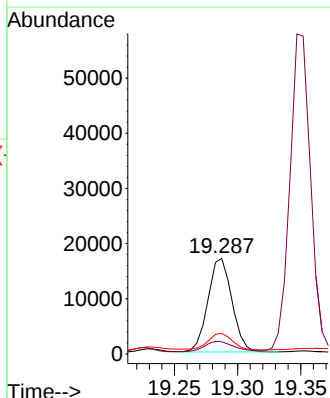
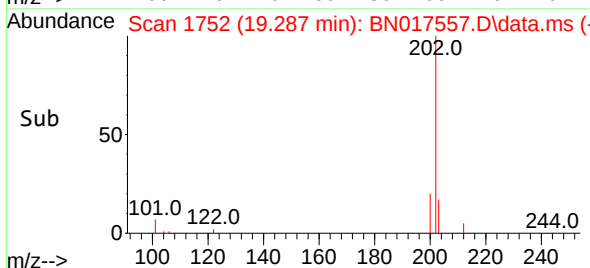
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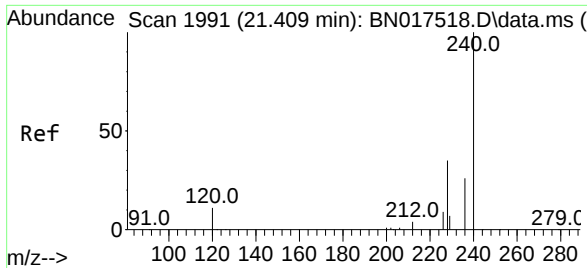


#28
Fluoranthene
Concen: 0.050 ng
RT: 19.287 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34



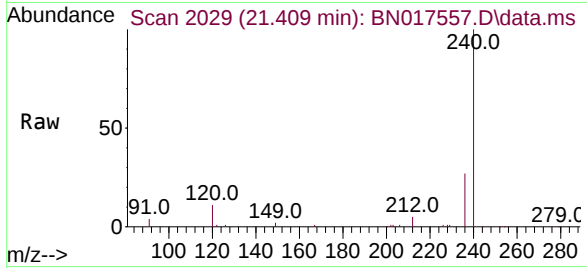
Tgt Ion:202 Resp: 22398
Ion Ratio Lower Upper
202 100
101 13.6 8.9 13.3#
203 17.6 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34

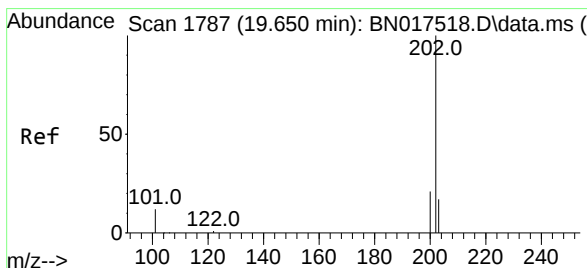
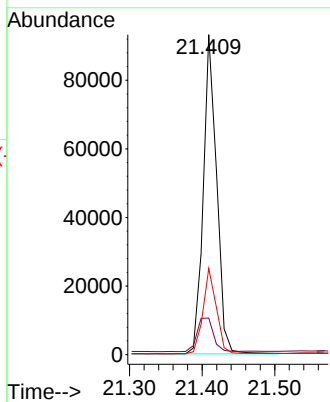
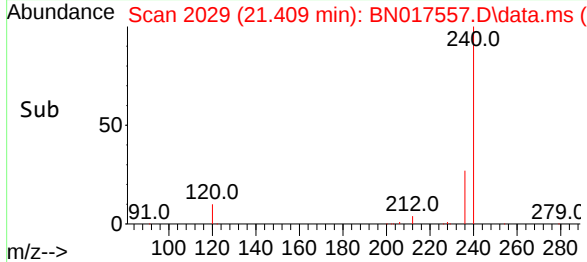
Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-788-790



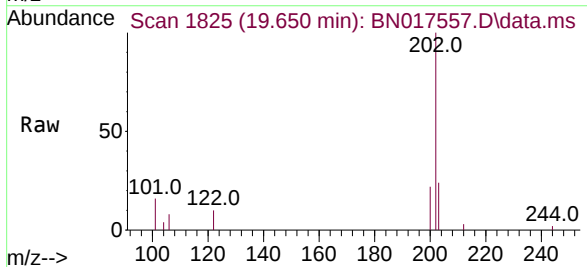
Tgt Ion:240 Resp: 119610
Ion Ratio Lower Upper
240 100
120 11.4 4.2 6.2
236 27.0 20.0 30.0

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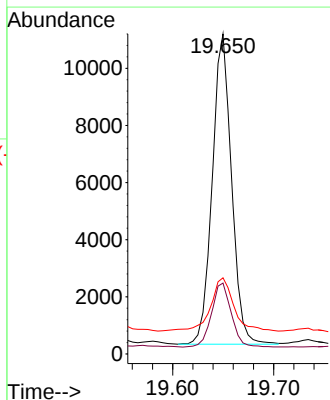
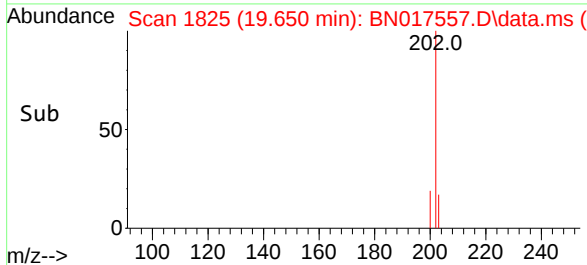
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

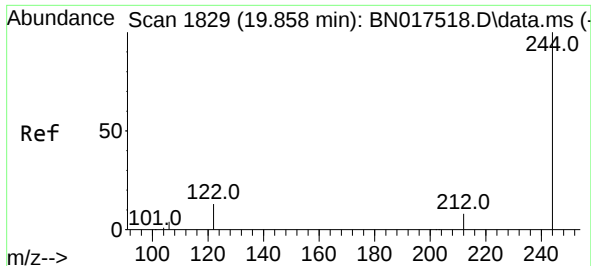


#30
Pyrene
Concen: 0.036 ng
RT: 19.650 min Scan# 1825
Delta R.T. -0.000 min
Lab File: BN017557.D
Acq: 22 Nov 2021 22:34



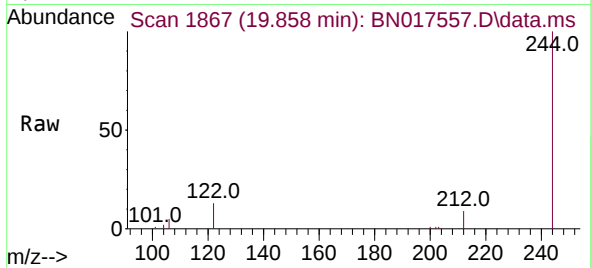
Tgt Ion:202 Resp: 14408
Ion Ratio Lower Upper
202 100
200 21.2 16.5 24.7
203 20.9 14.0 21.0





#31
 Terphenyl-d14
 Concen: 0.371 ng
 RT: 19.858 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN017557.D
 Acq: 22 Nov 2021 22:34

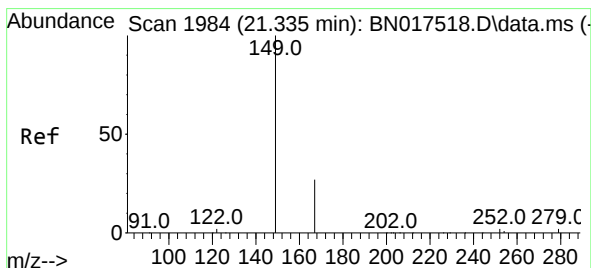
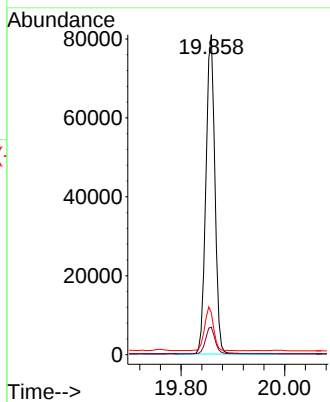
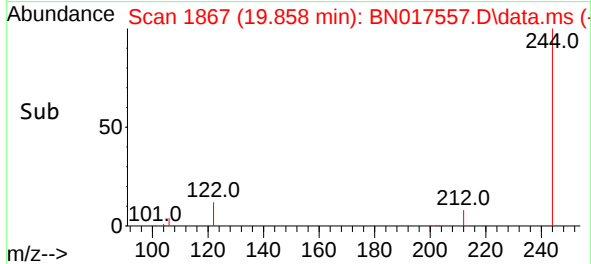
Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-788-790



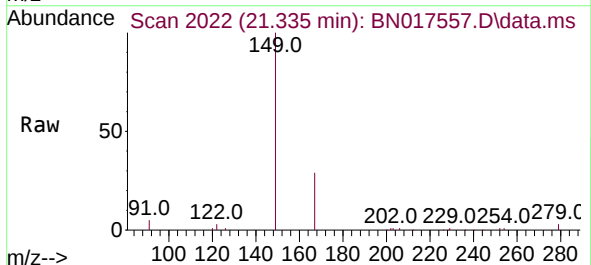
Tgt Ion:244 Resp: 97518
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.7 8.5
 122 13.1 8.6 13.0

Manual Integrations
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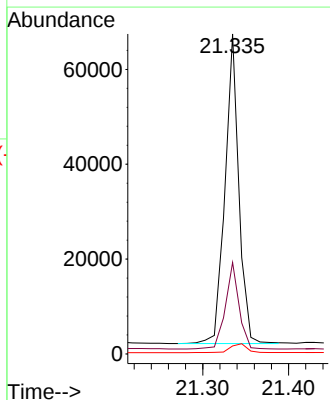
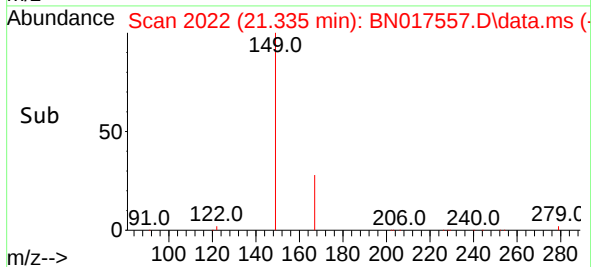
Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/24/2021

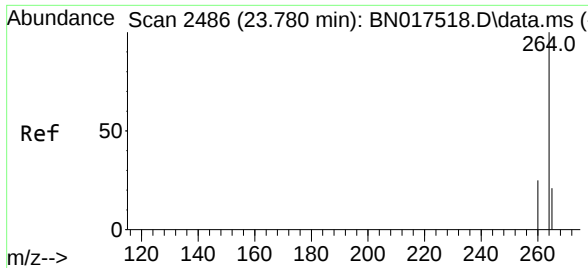


#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.466 ng
 RT: 21.335 min Scan# 2022
 Delta R.T. -0.000 min
 Lab File: BN017557.D
 Acq: 22 Nov 2021 22:34



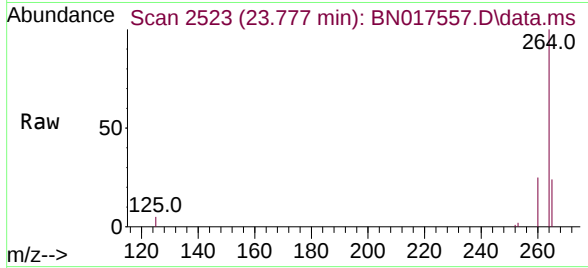
Tgt Ion:149 Resp: 72972
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.8 32.6
 279 3.4 3.4 5.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.777 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BN017557.D
 Acq: 22 Nov 2021 22:34

Instrument :
 BNA_N
 ClientSampleId :
 BP-VPB-RW9-GW-788-790



Tgt Ion:264 Resp: 99458
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.4 29.2
 265 23.6 18.6 28.0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/24/2021

